Asbestos and the Future of Mass Torts

Michelle J. White

Legal claims for injuries from asbestos involve more plaintiffs, more defendants and higher costs than any other type of personal injury litigation in U.S. history. As of the end of 2002, 730,000 individuals had filed lawsuits against more than 8,400 defendants, and the total amount that defendants and insurers had spent on resolving claims—including all legal costs—was estimated to be $70 billion (Carroll et al., 2004). Eighty-five corporations have filed for bankruptcy due to asbestos liabilities, and several insurance companies have either failed or are in financial distress (White, 2002b). Estimates of the total number of people who will eventually file claims range from 1.0 million to 3.0 million, and estimates of the eventual cost of asbestos litigation range from $200–$265 billion (Carroll et al., 2004).

Asbestos was once referred to as the “miracle mineral” for its ability to withstand heat. It was heavily used as a fireproofing and insulating material in ships, buildings and consumer products, including wallboard, roofing, flooring, cement, insulation, drinking water pipes, automobiles, clothing, paper, hair dryers, garden products, home appliances, artificial firelogs and children’s toys. Estimates of the number of Americans exposed to asbestos range from 27 million to 100 million (Biggs et al., 2001).

But breathing asbestos fibers—which can be microscopic—causes a variety of diseases. Two of these diseases, asbestosis and mesothelioma, are uniquely associated with asbestos exposure. Asbestosis is scarring of the lungs that reduces breathing capacity; it can range from non-disabling to fatal. Mesothelioma is cancer of the pleural lining around the chest and abdomen and is quickly fatal. Other asbestos

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diseases such as lung cancer, gastrointestinal cancer and pleural plaque (thickening of the pleural lining that is nondisabling) can be caused either by asbestos exposure or by other factors, including smoking. Asbestos diseases have a long latency period: 20 to 40 years usually elapse between exposure and diagnosis. Longer and heavier exposure to asbestos increases the probability of developing asbestos diseases, but they can also occur in people who had only limited exposure (Carroll et al., 2004). A famous study of 370 insulation workers who were union members in 1942 illustrates the grim effects of asbestos: between 1963 and 1968, 113 of the workers died when 60 deaths would normally be expected. The deaths included 28 from lung cancer (2.5 would be normal) and eight from gastrointestinal cancer (two would be normal), plus 15 from asbestosis and 13 from mesothelioma (zero would be normal) (Brodeur, 1973, p. 29). Asbestos can also cause disease in workers’ family members and bystanders, who are exposed to asbestos dust on workers’ clothes or in the environment.

In this article, I first examine why regulation failed to prevent asbestos from becoming so widely used and how asbestos litigation widened from a trickle into a torrent. I also consider other countries’ experience with asbestos and whether regulation or liability is more effective in deterring production of dangerous products. The article then asks how asbestos litigation differs from other mass torts: does asbestos litigation represent a “perfect storm” where many factors came together with disastrous results, or does it represent a path that is likely to be followed by other mass torts involving personal injury? Various ways in which the asbestos crisis might be resolved are considered, including bankruptcy, a class action settlement, legislation now pending in Congress to establish a national asbestos compensation fund and an alternative approach that would centralize asbestos lawsuits in a single federal court.

Liability versus Regulation of Asbestos Exposure

The Failure of Regulation

As early as the 1920s, physicians recognized that exposure to asbestos caused disease, and asbestosis was named and described in British medical journals. Around the same time, insurance companies in the United States and Canada stopped selling life insurance to asbestos workers. In 1931, the British government began regulating workplace safety in the asbestos industry, monitoring workers for asbestosis and providing worker’s compensation to those who were disabled by it (Tweedale, 2000, p. 21). Safer substitutes for many uses of asbestos were known as early as the 1930s (Castleman, 1996, chapter 6). Nonetheless, U.S. consumption of asbestos increased from 100,000 metric tons in 1932 to 700,000 metric tons in 1951 and peaked at 750,000 metric tons in 1974. Thereafter, usage declined rapidly to about 25,000 metric tons in 1994 (Castleman, 1996, p. 788). That asbestos was so widely used from the 1950s to the 1980s suggests that multiple regulatory systems
failed, including workers’ compensation, workplace safety regulation, product safety regulation and liability law.

In the United States, many states set up workers’ compensation programs in the 1930s. Under these programs, workers injured on the job or disabled by occupational diseases received compensation from a fund financed by experience-rated payments by employers. Asbestos producers favored the establishment of workers’ compensation systems, but lobbied for low compensation levels and highly restrictive eligibility rules. Because asbestos diseases develop slowly and symptoms are easily mistaken for other diseases, workers often left their jobs without knowing that they had asbestos disease and therefore did not qualify for compensation. Indeed, asbestos producers such as Johns-Manville conducted physical examinations of their workers, but did not inform them if they had asbestosis to hold down the number of compensation claims. Other workers were ineligible for compensation because of short statutes of limitations for filing claims (Castleman, 1996, pp. 194, pp. 238–242). Workers’ compensation systems also benefited asbestos producers because they were workers’ exclusive legal remedy against their employers—that is, if workers’ compensation claims were denied, workers could not file lawsuits against their employers for damages. Because workers’ compensation was so favorable to asbestos producers, producers did not face high costs, which would have given them an incentive to improve workplace safety.

As for regulation of workplace and product safety, there were scattered federal and state programs involving occupational safety in the 1950s and 1960s, but most were voluntary and, even when rules limiting asbestos exposure were adopted, they were not enforced (Sherrill, 1973; Brodeur, 1973). Moreover, some regulatory efforts actually increased exposure to asbestos, such as building codes that required use of asbestos insulation in the ventilation systems of commercial buildings. The insulation deteriorated as it aged, and then asbestos fibers were blown throughout the buildings.

In the early 1970s, efforts to regulate workplace and consumer product safety increased with the creation of the Occupational Health and Safety Administration (OSHA) in 1970, the Environmental Protection Agency (EPA) in 1970 and the Consumer Product Safety Commission (CPSC) in 1972. OSHA quickly adopted a maximum limit of five asbestos fibers per cubic centimeter of air, with the standard to fall to two fibers in 1976. Even the two-fiber standard was not very strict, since an exposed worker would breathe 10 million asbestos fibers in an eight-hour day. When unions and public interest groups petitioned OSHA to tighten the standard, it shortened the phase-in period for the two-fiber standard. But a few years later when studies indicated that the two-fiber limit was not strict enough to prevent asbestosis, OSHA had become more responsive to industry concerns, and it did not respond. Only in 1983 was the standard lowered again to 0.5 fibers (McCaffrey, 1982, chapters 5–6). In the late 1970s, the Consumer Product Safety Commission pressured manufacturers to remove asbestos voluntarily from products such as hair dryers and children’s toys, but these efforts were halted in the 1980s under the Reagan administration. In 1989, the Environmental Protection Agency proposed a
ban on asbestos use. But the ban was overturned by a federal circuit court in 1991 over technical issues, and since the EPA never appealed the decision to a higher court or resubmitted the proposal, it never went into effect (Bowker, 2003). As of 2004, the United States still has not banned asbestos.

Thus, because the large asbestos producers were able to capture the regulators, the government was very slow to limit asbestos exposure in the United States. Since regulation largely failed, what about legal liability?

A Short History of Asbestos Litigation

Workers who are harmed by asbestos products fall into two groups: those who produce the products and those who install or demolish them (such as shipyard and construction workers). While asbestos producers’ liability to their own employees was limited by workers’ compensation, their liability to non-employees who use their products was not.

The liability environment became less favorable for asbestos producers in the 1960s, for three reasons. First, a number of states changed their statutes of limitations for filing workers’ compensation claims by starting them from the date of discovery of disease rather than the date of exposure, and this caused more workers to file claims. In 1969, Johns-Manville—the largest U.S. asbestos producer—paid nearly $1 million in workers’ compensation to 285 of its employees who had severe asbestosis (Brodeur, 1973, p. 46). Second, a number of independent epidemiological studies were published in the 1960s that showed strong links between asbestos exposure and asbestosis, cancer and mesothelioma. Third, products liability law itself was changing. Before the 1960s, producers were liable for damage to users of their products only if producers were negligent. In practice, this standard was ineffective in deterring dangerous behavior because it was difficult for plaintiffs to prove negligence, regardless of how badly producers behaved. But during the 1960s, the law of product liability moved away from the negligence standard and toward making producers “strictly liable” for damages. Under the strict liability rule, producers are liable for damage to users regardless of whether they were negligent or not, as long as their products are “unreasonably dangerous” or users were not adequately warned of the danger. This change in the law made it easier for asbestos users to win lawsuits against the asbestos manufacturers, because asbestos products were extremely dangerous and rarely contained warnings. In response to the changed legal environment, asbestos producers began putting mild warnings on asbestos insulation starting in 1964 and on sacks of asbestos fiber in 1969 (Castleman, 1996, pp. 386–387). In theory, both the negligence and the strict liability rules can give producers economically efficient incentives to increase product safety (Shavell, 1987). But in practice, the move to strict liability rule gave producers a much stronger incentive to substitute safer materials for asbestos.

The first trial in which a user of asbestos products—an insulation worker—won damages from the large asbestos manufacturers was Borel v. Fibreboard (443 F.2nd 1076 [5th Cir. 1973]), which occurred in 1973. During the following decade, 25,000 additional products liability lawsuits were filed. These lawsuits gradually became
more successful as plaintiffs’ lawyers obtained evidence showing that the major producers had known the dangers of asbestos exposure for decades (Brodeur, 1985). One important piece of evidence was that, during the 1930s, the major producers commissioned research that demonstrated the health hazards of asbestos, but kept the results secret and did not warn either their workers or product users of the danger. Evidence of a cover-up, combined with defendants’ failure to warn, frequently led juries to award punitive as well as compensatory damages. About one-sixth of all damage awards in asbestos trials from 1987–2002 included punitive damages—a high fraction compared to other types of litigation (White, 2002a). Because punitive damages are often uninsurable, many defendants shifted from a strategy of vigorously defending against all claims to a strategy of settling. But when defendants settle claims rather than going to trial, representing claimants becomes very profitable for plaintiffs’ lawyers, since most of their costs are incurred at trial. Plaintiffs’ lawyers therefore began seeking out additional claimants and the volume of asbestos litigation grew. The large number of plaintiffs is one distinguishing feature of asbestos litigation.

Plaintiffs’ lawyers search for plaintiffs by screening large numbers of workers who might have been exposed to asbestos, such as textile factory workers. They file lawsuits on behalf of anyone whose x-rays show scarring or thickening of the pleural lining or the lungs. Few of these claimants have any asbestos-related impairment, but in many states they meet the legal standard for injury. Various studies have estimated that between two-thirds and nine-tenths of asbestos claimants are unimpaired and that many claims are fraudulent. But when lawsuits are settled rather than going to trial, plaintiffs’ injury claims are never verified. The legal standards that allowed such a loose connection between being a plaintiff and having an actual asbestos-related disability are a second distinctive feature of asbestos litigation.

In asbestos lawsuits, plaintiffs may sue as many as 50 to 100 defendants, including all producers of products that the plaintiff might have been exposed to. Potential asbestos defendants include any firm that ever produced, installed or sold asbestos-related products, used some form of asbestos in its production process or in its products or owned a building that contained asbestos. Defendants include Sears (sold asbestos-containing products), Gerber Baby Food (owns factories that contained asbestos), Dow Jones & Co. (operates workplaces that contained asbestos), GM and Ford (vehicle brakes contained asbestos) and 3M (produced a respirator that did not protect users from asbestos). Plaintiffs’ law firms have aggressively pursued litigation against insurers, too, and sometimes succeeded in collecting far more than the coverage limits of the original insurance policies. Recently, two separate insurers paid about $1 billion each to resolve liabilities based on small insurance policies that they issued many years ago to a former distributor of asbestos insulation (Oster, 2002; Treaster, 2003). Another insurer, MetLife, is currently being sued on the grounds that it was involved in research during the 1930s that showed the adverse health effects of asbestos, but failed to disclose the results (Oster, 2003). The extraordinarily high number of defendants is a third important factor that is distinctive about asbestos litigation.
Forum-shopping is also an important part of plaintiffs’ success in asbestos litigation. During the 1980s, many asbestos claims were filed in federal courts. But federal courts rarely allowed punitive damages in asbestos trials, and starting in the 1990s, they began requiring that all asbestos claims be transferred to a single federal judge in Pennsylvania for pretrial discovery. This step substantially lengthened the litigation process, and in response, most plaintiffs’ lawyers shifted to filing their asbestos claims in state courts. They particularly sought out states whose laws and legal procedures favor plaintiffs and jurisdictions within those states whose judges and juries are pro-plaintiff. They also seek out individual judges who pressure defendants to settle.

Favored locations have varied over time (Carroll et al., 2004). Texas was favored in the 1990s, until it adopted legislation that limited punitive damages and restricted the right of plaintiffs’ lawyers to choose among jurisdictions (Glaberson, 1999). Currently favored locations include Madison County, Illinois, various counties in West Virginia and especially Mississippi—where 20 percent of all asbestos claims are reportedly filed (Parloff, 2002). Mississippi courts favor asbestos plaintiffs in a number of ways. First, they have no limits on the size of punitive or compensatory damage awards. Second, they allow plaintiffs’ lawyers to join hundreds or thousands of asbestos claims from all over the country under a single docket number (at least one plaintiff must be a Mississippi resident). Joined claims differ from class actions in that, if they go to trial, the judge or jury decides each claim separately. But they are handled as a group for pretrial purposes, and, if a trial occurs, multiple claims from the group are tried together. This increases the degree of correlation of trial outcomes, which raises the risk of trial and encourages defendants to settle (White, 2002a). For example, a recent Mississippi trial involved 12 asbestos plaintiffs who were selected from a group of 1,738 joined claims. The 12 plaintiffs were awarded total damages of $48 million, with some receiving $2 million or more despite having no detectable asbestos disease. After the trial, the judge directed the parties to settle the remaining 1,726 claims and threatened that, otherwise, he would use the same jury for the remaining claims and would direct the jury to consider awarding punitive damages. In response, defendants settled all claims on what were reported to be very favorable terms for plaintiffs (Parloff, 2002). Third, Mississippi courts do not require judges to approve the terms of mass settlements, which means that plaintiffs’ legal fees are not subject to judicial scrutiny. As a result, although plaintiffs’ lawyers gain from economies of scale in litigating large numbers of joined claims, they can still charge plaintiffs the same high legal fees—25 to 40 percent of settlements or damage awards—that prevail in individual litigation. Fourth, in some Mississippi counties, courts do not allow defendants to verify disease claims by conducting medical exams of plaintiffs.

White (2002a) examined the effect of forum shopping on the value of asbestos claims, using a dataset of all asbestos trials since 1987. I found that the expected value of an asbestos claim at trial in favorable jurisdictions such as Mississippi, West Virginia and Houston, Texas, was $3 million higher than in other jurisdictions (in 2000 dollars). When asbestos claims went to trial in groups rather than individually,
plaintiffs’ expected gain from trial was about $600,000 higher. I also found that when defendants were found liable for punitive damages, their settlement costs increased sharply in later years and they attracted thousands of additional claims. Punitive damage awards signal that a defendant is a particularly vulnerable target.

Why are some states and jurisdictions so strongly pro-plaintiff? Since state court judges are elected, one answer is that plaintiffs’ lawyers contribute generously to judges’ re-election campaigns in jurisdictions where they frequently file claims. Plaintiffs’ lawyers have an advantage over defendants’ lawyers as contributors, since they choose where to file claims and tend to file in particular jurisdictions repeatedly. If judges do not treat them favorably, they can move their claims elsewhere. Another factor is that, for a small county seat, playing host to high-stakes trials that attract many out-of-state lawyers is a form of economic development, supporting local hotels and restaurants and increasing the number of jobs in the county courthouse. States also gain from having pro-plaintiff laws because some plaintiffs are state residents and litigation transfers resources to them from out-of-state defendants. State court judges sometimes encourage juries to award high damages in asbestos trials on the grounds that funds for damage awards are limited and will otherwise go to residents of other states. Plaintiffs’ lawyers also sometimes arrange the terms of mass asbestos settlements to reward favorable states by paying higher damages to their residents. For example, one large asbestos settlement paid damages of $263,000 to plaintiffs who were residents of Mississippi, but only $14,000 to plaintiffs who had the same disease but were residents of Pennsylvania or Ohio (Rothstein, 2001). But there are also costs to attracting mass filings of asbestos and other tort claims—Texas changed its legal rules because of concern that excessive litigation was driving firms to leave the state (Glaberson, 1999).

Between 1982 and 2002, the total number of asbestos claimants grew from 1,000 to 730,000, the total number of firms that have been sued grew from 300 to 8,400, and the amount spent by defendants and insurers on asbestos litigation grew from $1 billion to $70 billion in nominal dollars. Because plaintiffs sue multiple defendants, the total number of asbestos claims—that is, the number of claims by individual plaintiffs against individual defendants—is in the millions. The number of new claims filed with the Manville Trust—which pays asbestos claims for the bankrupt asbestos producer Johns-Manville—increased from about 20,000 per year in the early 1990s to 101,000 in 2003. Average damage awards in asbestos trials rose from $675,000 in 1990–1991 to about $3 million in 2000–2003.¹

The European Experience

Did European countries manage the asbestos problem better than the United States? No. Levels of asbestos exposure were even higher in Europe than in the United States, and consumption levels declined more slowly (see Table 1). Death

¹ All data are taken from Carroll et al. (2004), except for the number of Manville Trust claims, which comes from (http://www.mantrust.org), and the damage award figures, which are taken from White (2002a).
rates from mesothelioma as of 1998 are higher in Europe than in the United States: 1.85 versus 1.0 per 100,000 people, respectively. Moreover, while the death rate from mesothelioma peaked in the 1990s and is starting to decline in the United States (National Cancer Institute, 2003, Table I-7), it is predicted to double over the next 20 years in six large European countries (Peto, Vecchia, Levi and Negri, 1999).

The European countries, like Britain, mandated compensation for workers who developed asbestos disease through their workers’ compensation or national insurance systems. But because of industry pressure, few workers actually received compensation, so that there was little pressure on producers to reduce use of asbestos. In France, 500 new cases of mesothelioma occurred annually in the mid-1980s, but only 20–40 cases per year received compensation. Similarly in Italy, 400 new cases of mesothelioma occurred annually in the 1990s, but none received compensation between 1988 and 1995 (Castleman, 1996, p. 813). In both countries, long and complicated administrative procedures discouraged victims from filing claims. In Switzerland and the Netherlands, statutes of limitations that start from the date of exposure rather than the date of discovery of disease prevented many asbestos victims from receiving compensation. In the United Kingdom in 1986, there were four times the number of mesothelioma cases per capita as in the United States, but only one-fifth the number of asbestos-related legal claims (Kazan-Allen, 2000a). Asbestos victims in the United Kingdom were discouraged from filing lawsuits against either the workers’ compensation system or asbestos producers, because contingency fees are not allowed and unsuccessful plaintiffs must pay the defendant’s legal costs as well as their own. Also, British plaintiffs cannot collect punitive damages against producers and do not have the extensive rights of discovery that helped U.S. lawyers build strong cases against asbestos producers. In recent years, the situation in the United Kingdom has changed, with more asbestos claims being filed and more claimants obtaining compensation, although compen-

Table 1
Consumption of Asbestos in the United States versus Europe
(metric tons per million population)

<table>
<thead>
<tr>
<th>Year</th>
<th>U.K.</th>
<th>Germany</th>
<th>France</th>
<th>U.S.</th>
<th>World</th>
</tr>
</thead>
<tbody>
<tr>
<td>1970</td>
<td>6.69</td>
<td>3.91</td>
<td>5.32</td>
<td>3.46</td>
<td>0.92</td>
</tr>
<tr>
<td>1975</td>
<td>5.46</td>
<td>5.57</td>
<td>5.24</td>
<td>3.01</td>
<td>1.05</td>
</tr>
<tr>
<td>1980</td>
<td>3.07</td>
<td>4.07</td>
<td>3.42</td>
<td>1.53</td>
<td>1.05</td>
</tr>
<tr>
<td>1985</td>
<td>1.04</td>
<td>1.08</td>
<td>1.13</td>
<td>0.63</td>
<td>0.91</td>
</tr>
<tr>
<td>1990</td>
<td>0.92</td>
<td>0.58</td>
<td>3.40</td>
<td>0.20</td>
<td>0.80</td>
</tr>
</tbody>
</table>

Notes: Figures for the United Kingdom, France and Germany are calculated from the value of asbestos imports per million population, taken from the NBER Trade Database, Disk 2, World Trade Flows, 1970–1992. Import figures are converted to tons consumed using price data from the Statistical Abstract of the U.S., various editions. (None of the three European countries produces raw asbestos.) Figures for the United States and the world are based on consumption of asbestos, taken from Castleman (1996, pp. 788, 838). Population figures are from the U.S. Census Bureau, International Data Base, (http://www.census.gov/ipc/www/idbnew.html).
sation levels remain modest by U.S. standards. Ironically, one of the largest asbestos producers in the United Kingdom, Turner and Newall Industries, went bankrupt because of the costs of paying asbestos claims by American plaintiffs who sued its U.S. subsidiary.

As in the United States, regulation of asbestos in the European countries was weak because of regulatory capture. But, unlike the United States, liability did not emerge as a substitute for regulation, and as a result, European asbestos product makers were slower to reduce asbestos use than their U.S. counterparts. It was only when the European countries began to adopt bans on asbestos importation and use in the 1990s that asbestos exposure fell sharply. Switzerland banned use of asbestos in 1990, and ten other European countries adopted full or partial bans during the 1990s. The European Union adopted a ban on all types of asbestos in 1999, to take effect in 2005 (Kazan-Allen, 2000b).

The Effectiveness of Liability versus Regulation

Does the asbestos saga suggest any lessons concerning the effectiveness of liability versus regulation in controlling workplace and product dangers? For the United States, neither policy was effective until the early 1970s, when OSHA imposed new limits on workplace asbestos exposure and the *Borel* trial occurred. However, the regulatory efforts of OSHA, CPSC and EPA were quite ineffective throughout the 1970s, while the *Borel* trial was followed by a litigation explosion. By the late 1970s, the pressure of litigation caused U.S. producers to eliminate asbestos from most products, causing overall U.S. consumption to decline sharply. But, for Europe, neither liability nor regulation was effective until the 1990s.

The asbestos saga suggests that the worse the failure of regulation, the more likely that the courts will respond with high liability. This is because the callous behavior of producers in consciously exposing workers and product users to danger tends to make judges and juries very sympathetic to plaintiffs.

Is Asbestos Different from Other Mass Torts?

Several mass torts involving personal injury have been largely or fully resolved in recent years: for example, the Fen-Phen diet supplement litigation was resolved in 2000; a settlement of the tobacco claims involving the 50 states was reached in 1998; claims for harm due to breast implants were resolved in 1994; the Dalkon Shield (intrauterine contraceptive device) litigation was settled in 1988; and the Agent Orange litigation was settled in 1984. Along with asbestos, a number of other mass torts are still in litigation, including claims of harm due to lead exposure, firearms, fast food and individual claims involving harm from tobacco. Table 2 gives some characteristics of asbestos and other mass torts involving personal injury. In this section, I consider how asbestos differs from other mass torts and whether these differences offer some guidance as to how asbestos litigation might be resolved.
Table 2
Characteristics of Personal Injury Mass Torts

<table>
<thead>
<tr>
<th>Type of product</th>
<th>Number of defendants</th>
<th>Number/type of plaintiffs</th>
<th>Amount of compensation fund</th>
<th>Year resolved</th>
<th>Type of resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asbestos Insulation and other products</td>
<td>6,000 as of 2000</td>
<td>600,000 as of 2000</td>
<td>Individual defendant bankruptcies only</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agent Orange Defoliant used in the Vietnam War</td>
<td>12</td>
<td>250,000</td>
<td>$180 million</td>
<td>1984</td>
<td>Class action settlement</td>
</tr>
<tr>
<td>Dalkon Shield Defective I.U.D. Breast implants Silicon gel breast implants</td>
<td>1</td>
<td>140,000</td>
<td>$2.3 billion</td>
<td>1988</td>
<td>Bankruptcy</td>
</tr>
<tr>
<td>Breast implants</td>
<td>3</td>
<td>440,000</td>
<td>$4.2 billion</td>
<td>1994</td>
<td>Class action settlement (Later the main defendant filed for bankruptcy.)</td>
</tr>
<tr>
<td>Fen-Phen Diet drugs</td>
<td>1</td>
<td>Filing period still open</td>
<td>$3.76 billion</td>
<td>2000</td>
<td>Class action settlement (nonmandatory)</td>
</tr>
<tr>
<td>Tobacco Cigarettes</td>
<td>4</td>
<td>50 U.S. states</td>
<td>$246 billion</td>
<td>1998</td>
<td>Settlement between 50 states and the tobacco companies (Private lawsuits still pending.)</td>
</tr>
<tr>
<td>Lead Leaded paint</td>
<td>State and local governments</td>
<td>None</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Firearms Guns</td>
<td>Cities, counties, U.S. government and private plaintiffs</td>
<td>None</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fast food Hamburgers, etc.</td>
<td>Private plaintiffs</td>
<td>None</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


Number of Defendants and Plaintiffs

While 730,000 people have filed asbestos claims so far, other mass torts also have hundreds of thousands of claimants. The Agent Orange litigation eventually involved about 250,000 claimants, and the breast implant litigation involved 440,000. Tobacco and fast food litigation potentially involve many more plaintiffs than asbestos, since huge numbers of Americans smoked or are obese. But while many plaintiffs are necessary for a mass tort, they are not sufficient. There must also be funds to pay high damages.

Where asbestos differs strongly from other mass torts is in the number of
defendants involved. About 8,400 defendants have been sued for asbestos damage, while no previous mass tort has had more than about a dozen. Because so many firms were involved with asbestos production, plaintiffs’ lawyers have been able to substitute new defendants as old ones go bankrupt. Also, the large number of defendants means that many insurers have obligations to pay. As a result, even with hundreds of thousands of asbestos claims, there are enough deep pockets to keep the litigation going.

The Law is Different for Asbestos

Asbestos developed its own legal doctrines that differ from other areas of tort litigation. One difference is that the burden on asbestos claimants of proving causation is lower. Normally, plaintiffs must show that a particular defendant’s product caused their harm. Providing this kind of evidence would be difficult for most asbestos plaintiffs, since they often were exposed to many different asbestos products and cannot establish that any particular product caused their harm. In response, courts loosened the rules of causation, so that asbestos plaintiffs were only required to present evidence that particular defendants’ products were used at their workplaces. Co-workers’ recollections of seeing a particular product in the workplace are usually allowed, even though this type of evidence would not normally be admitted in court (Brickman, 1992). Asbestos is not the first mass tort in which relaxed standards of causation have been used—an earlier example is litigation over the drug DES, which harmed the daughters of women who took it during pregnancy. Because multiple manufacturers produced DES and victims could not prove which manufacturer’s DES harmed them, all were found liable for damages based on their market shares. But many mass torts remain small because plaintiffs cannot meet the burden of demonstrating causation. For example, in the lead paint litigation, plaintiffs generally lose lawsuits against paint manufacturers, because their homes have many layers of lead paint and they cannot show that any particular manufacturer’s paint caused their harm (Dean, 2001; Cupp, 2000).

Another way that asbestos claims differ from other tort claims is in how claimants with no asbestos-related impairment are treated. Under normal tort law, their claims would not be allowed to proceed in the legal system, because they have not suffered any harm. Some state courts follow this general approach by putting these claims on an “inactive docket,” which preserves plaintiffs’ right to sue in the future if they develop a serious asbestos disease, but otherwise prevents their claims from proceeding. Other states allow these claimants to collect for “asbestos exposure” or for “fear of cancer.” Still others allow them to collect twice, once for asbestos exposure and again for a disabling asbestos disease if one develops in the future. At trial, asbestos plaintiffs who have exposure only (for example, they have pleural plaque but are not disabled or injured) have been awarded damages as high as $5 million, and they have also received high settlements.

Other legal developments have expanded insurers’ liability for asbestos claims. Suppose a plaintiff was exposed to asbestos in 1955 and diagnosed with asbestosis in 1985. Under the “triple trigger” doctrine that many states have adopted, inhaled
asbestos fibers are treated as continuously injuring plaintiffs’ lungs, so that a plaintiff can collect from the insurers that covered the firm in 1955, in 1985 or any date in between. By allowing a single plaintiff to claim under many insurance policies, the doctrine increases the amount of compensation that is available to victims generally. In addition, courts have reinterpreted many products liability insurance policies as “premises liability” policies. Products liability policies have an aggregate limit on coverage, but premises policies—which were intended for perils such as fire and hurricanes—have only a coverage limit for each occurrence. If each asbestos claim is treated as a separate occurrence, then insurers effectively have unlimited liability (Rheingold, 1996). The result of these changes in insurance law is to expand greatly insurers’ liability for asbestos claims.

Why did tort law as applied to asbestos claims change so dramatically and in so many ways? One answer is that the policies were vague and judges applied a principle of insurance law that requires construing ambiguous insurance contracts against the interest of the insurer. Another answer is that judges’ indignation at asbestos defendants’ callous behavior sometimes led them to give juries instructions that favored plaintiffs. Of course, once plaintiffs win a case and the decision survives on appeal, the case becomes a precedent that increases plaintiffs’ probably of winning later cases.

The Search for the “Next Asbestos”

Plaintiffs’ lawyers have long been searching for the next big mass tort, but with the exception of tobacco, no other mass tort has achieved the same scale. Some mass torts, including the lead paint litigation, have remained small because plaintiffs have not been able to establish causation and the courts have not loosened the requirements, as they did for asbestos claimants. In other mass torts, causation can be established, but defendants have been found not liable because they provided adequate warnings of the danger of using their products or because the design of the product was not defective. Thus, in the firearms litigation, most lawsuits brought by gun victims have been dismissed on the grounds that guns cause injury because they are not defective, while manufacturers are only liable for harm when their products are defective (Kimball and Olson, 2000). In any case, firearms litigation will probably remain small, both because there are only a few gun manufacturers and because Congress may end the litigation by passing legislation to protect gun manufacturers from liability.

In the tobacco litigation, there is a long history of individual smokers losing lawsuits against cigarette manufacturers, because juries considered the congressionally mandated warnings on cigarette packages to be sufficient, and therefore smokers were held to have assumed the risks of smoking. Because individual plaintiffs were unsuccessful, several state attorneys-general decided in 1994 to bring suit against the tobacco companies. To keep the states’ initial costs down, private law firms were hired to represent the states on a contingency fee basis—that is, the law firms would be paid a share of whatever damages the states received. After several false starts, the tobacco companies and all 50 states concluded settlements
in 1997–1998 that required the tobacco industry to pay the states $246 billion (undiscounted) over 25 years (Derthick, 2002). The tobacco settlement did not bar individual plaintiffs from suing the tobacco companies, however, and in 2000, a jury in Florida awarded punitive damages of $145 billion to a class of 500,000 Florida smokers (Bragg, 2000). Thus, despite the settlement with the states, tobacco litigation still has the potential to grow.

Finally, fast food litigation is at an early stage. The first effort involved obese teenagers who sued McDonald’s on the grounds that eating hamburgers made them fat. Their lawsuits were dismissed. But more limited claims have had greater success—McDonald’s recently paid $12 million to settle a claim that it did not disclose the use of beef fat in its French fries, and the manufacturer of a cheese snack paid $4 million to settle claims that it understated the snack’s fat content. Other lawsuits that are at an earlier stage allege deceptive marketing of unhealthy food products, particularly to children (Zernike, 2004). Whether this litigation will become “supersized” is still unclear.

High Legal Fees and Future Mass Torts

Asbestos litigation has generated a massive transfer to lawyers, far greater than any other mass tort. Of the $70 billion already spent on asbestos litigation, $21 billion went to defendants’ lawyers and an additional $20 billion to plaintiffs’ lawyers (Carroll et al., 2004). If asbestos legal costs continue to be the same proportion of total spending and if total spending on asbestos litigation eventually reaches $200 billion, then legal costs would grow from the current figure of $41 billion to $118 billion.

The $20 billion paid to plaintiffs’ lawyers in asbestos litigation far exceeds even the enormous sums paid to lawyers in the tobacco settlement—lawyers for the 50 states earned a total of $13 billion (undiscounted) in the tobacco settlement, but the money is to be paid out over 25 years (Derthick, 2002).

High profits from asbestos litigation have changed the legal industry by encouraging more lawyers to enter the business of representing mass tort plaintiffs and providing start-up funds and expertise for new mass torts. The same plaintiffs’ law firms that got their start representing asbestos claimants later represented the states in the tobacco litigation. They also initiated other mass torts including lead paint, firearms, Fen-phen, health care fraud and fast food, as well as representing victims in the Ford/Firestone defective tire litigation and the World Trade Center attacks. Many of the innovations that plaintiffs’ lawyers developed in representing asbestos claimants—concentrating claims in favorable state courts, joining large numbers of claims together and suing insurers for funds well beyond the limits of their insurance policies—are likely to be used in future mass torts. Plaintiffs’ lawyers have also become large contributors to political campaigns of favorable candidates, including candidates for state judgeships, state attorneys-general and Congress. Several have run for Congress themselves (Derthick, 2002, p. 187). As a result of the growth of asbestos litigation, future mass torts are likely to be more numerous and
more expensive and future legislation that plaintiffs’ lawyers oppose is less likely to be passed.

**Bankruptcies Resolve Other Mass Torts, But Not Asbestos**

Bankruptcy proceedings are designed to resolve all claims against a bankrupt firm, including both current claims and claims that will come due in the future. As a result, they are one method of resolving mass torts. For example, in a Chapter 7 bankruptcy liquidation, the bankrupt company’s assets are sold, either as a going concern or piecemeal, and the firm ceases to exist. The sale proceeds are used to pay all claims, including tort claims, according to a predetermined priority ordering. If the bankrupt company instead reorganizes under Chapter 11, it continues to operate rather than shutting down. Creditors then must approve a reorganization plan that provides for partial payment of all claims, with the funds coming mainly from the reorganized firm’s future profits. This procedure preserves the company’s going concern value by allowing it to emerge from Chapter 11 free of its tort and other prebankruptcy claims (White, 1989).

Most mass tort defendants that file for bankruptcy reorganize under Chapter 11. For bankrupt asbestos defendants, this choice makes sense because most of them no longer produce asbestos-containing products and would be profitable if not for their asbestos liabilities. The reorganization plan always involves setting up a compensation trust that takes over responsibility for paying present and future asbestos claims. The funding for the trust comes from the reorganized firm’s future profits and from its insurers, who contribute money to the trust in return for a discharge from liability to the firm’s tort claimants.²

Bankruptcy filings were used successfully to resolve the Dalkon Shield and breast implant mass torts. But while many asbestos producers have filed for bankruptcy, these bankruptcies have worsened the asbestos crisis rather than resolving it, by spreading the litigation to new defendants. The problem is that, when an asbestos defendant goes bankrupt, it stops paying claimants until its compensation trust begins to operate and even then, the value of payments will be low. As a result, plaintiffs’ lawyers shift their litigation focus to nonbankrupt defendants, since the latter are more lucrative. In addition, many states have “joint and several liability,” which means that each defendant found liable for a damage award is responsible for paying up to the entire amount if other defendants don’t pay their shares. Therefore, when one defendant goes bankrupt, the liability of the remaining defendants increases. Similarly, if an insurer fails, some of its asbestos liabilities are transferred to other insurance companies, because multiple insurers are liable for the same claims under the triple trigger doctrine.

Thus, an important problem with bankruptcy is that it contains no mechanism

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² In 1994, Congress adopted a set of amendments to the Bankruptcy Code that apply only to bankruptcies of firms with asbestos claims. The amendments require that a compensation trust be set up. They also specify special voting rules for adoption of reorganization plans—see below. White (2002b) discusses recent asbestos bankruptcies and reorganization plans.
for coordinating among multiple defendants that share liability for tort claims. As a result, bankruptcies by individual asbestos defendants shift liability to nonbankrupt defendants and spread the asbestos crisis rather than resolve it.

Bankruptcy filings by asbestos defendants also create additional distortions. For a bankrupt asbestos firm’s reorganization plan to be adopted, 75 percent of current tort claimants must vote in favor of the plan, but future tort claimants do not have the right to vote at all. (The 75 percent approval requirement is higher than the normal standard for adopting reorganization plans.) As a result, asbestos reorganization plans overcompensate present claimants relative to future claimants. Another problem is that if asbestos producers expect to file for bankruptcy, their managers have an incentive to encourage the filing of claims by the unimpaired. After all, these claimants have an incentive to vote in favor of a reorganization plan even if it provides only low compensation, and because there are too few claimants with serious asbestos diseases to block adoption of the plan, those with serious diseases tend to be undercompensated (White, 2002b). Thus, the voting rules for adoption of asbestos firms’ reorganization plans lead to overcompensation of unimpaired claimants and undercompensation of future claimants and those with serious asbestos diseases.

No Class Action Settlement of Asbestos Claims

Another method that the legal system has developed for resolving mass torts is the class action settlement, which was successfully used to resolve both the Agent Orange and Fen-Phen litigation. In a class action, a judge certifies a class consisting of all plaintiffs having a particular type of claim against one or more defendants that produced a harmful product. If the class action goes to trial, the judge or jury makes a single decision for each defendant—that is, all plaintiffs either win or lose against each defendant. But most class actions are resolved by settlements rather than trials, and class actions frequently are certified only after a settlement is reached. As in a bankruptcy, class action settlements often involve setting up a compensation trust to pay present and future tort claims, using assets provided by the defendant and its insurers.

Class action settlements can be used to resolve mass torts that involve multiple defendants. If multiple defendants produced a single dangerous product and individual plaintiffs cannot identify which defendant’s product harmed them, a class action settlement can set up a single compensation trust to pay all plaintiffs’ claims, with defendants and insurers agreeing on a formula for dividing the cost. Unlike bankruptcy filings by individual defendants, a class action settlement of this type prevents the mass tort from spreading. The settlement of the Agent Orange litigation followed this pattern—claims against all twelve producers of Agent Orange were resolved collectively by creating a single compensation trust.

During the mid-1990s, the asbestos mass tort seemed to be headed for resolution using this route. A large class action settlement was agreed on and certified that involved all of the tort claims against the Center for Claims Resolution, a consortium of 20 asbestos producers that were conducting their legal defenses

经济学家们对判断集体诉讼的联邦规则提出了严厉批评，认为法官们太频繁地批准了集体诉讼。他们的担忧是，甚至在原告方的索赔很弱且会败诉的情况下也会批准集体诉讼。然而，一旦批准了集体诉讼，被告方几乎总是会达成和解，因为经过长时间的审判可能会令公司破产（Priest, 1997）。但经济学家们忽视了集体诉讼在司法上解决多被告方案件的好处，即它可以用来解决多被告方案件并可以因此阻止案件向新被告方扩散。

在石棉案件中，即使一些美国最高法院的法官改变了他们的态度，并允许所有石棉索赔方的大型集体诉讼被批准，也可能会很难达成和解。原告方和被告方需要就如何赔偿所有当前和未来的索赔方达成一致，被告方和保险公司需要就分摊成本的公式达成一致。和解协议中的成本分担必须是自愿的，因为集体诉讼协议没有强迫不支持和解的被告方同意的机制（而在反对和解的原告方可以被强迫同意，因为法官必须批准和解）。虽然石棉案件有8,400名被告方，但目前最大的集体诉讼案件中只有12名被告方在Agent Orange诉讼中。Schuck（1986）讨论了十二名Agent Orange被告方如何在一位激进法官的强迫下进行长时间谈判并拒绝达成协议。

尽管石棉案件与其他集体诉讼案件有很多相似之处，但它是唯一一个在司法体系内解决案件的集体诉讼案件。集体解决机制如集体诉讼和破产在其他集体诉讼案件中不起作用。此外，由于大部分石棉案件发生在州法院，如果在州水平上没有改革，即使这些改革被同时采用，也可能会是无效的。

### 制裁解决方案

在Ortiz v. Fibreboard（527 U.S.815 [1999]），最高法院大法官David Souter写道：“石棉案件的庞然大物……超出了常规司法管理的范围并要求全国性的立法。”一个理想解决方案是，使石棉诉讼的混乱局面能够达到几个目标：1）赔偿当前和未来的索赔方；2）使司法体系中的集体诉讼和破产机制对其他集体诉讼案件不起作用；3）进行州范围内的改革。

### 立法解决方案

在Ortiz v. Fibreboard（527 U.S.815 [1999]），最高法院大法官David Souter写道“石棉案件的庞然大物……超出了常规司法管理的范围并要求全国性的立法。”一个理想解决方案是，使石棉诉讼的混乱局面能够达到几个目标：1）赔偿当前和未来的索赔方；2）使司法体系中的集体诉讼和破产机制对其他集体诉讼案件不起作用；3）进行州范围内的改革。
claimants equitably based on their harm, but do not compensate those who are unimpaired; 2) reduce litigation costs; 3) resolve uncertainty for claimants, defendants and insurers; and 4) stop the spread of claims to new defendants that had little or no involvement in asbestos production.

Congress is now considering the “Fairness in Asbestos Injury Resolution Act of 2003” (S. 1125), which would resolve the asbestos crisis by establishing a privately funded, publicly run administrative procedure for compensating asbestos victims. Asbestos defendants and insurance companies would each pay a total of $52 billion to the fund over 27 years. An additional $10 billion in assets would be transferred to the fund from existing asbestos compensation trusts that were set up as part of asbestos bankruptcies, for a total of $114 billion. Defendants would be required to pay either a proportion of their revenues or a flat dollar amount to the fund each year, with the obligation depending on individual defendants’ size and past asbestos liabilities. Small businesses and firms with no previous asbestos liabilities would be exempt. For insurers, a commission would be established to determine individual companies’ assessments, which are to depend on past exposure to asbestos liabilities.

To receive compensation, claimants must provide evidence showing that they had particular levels of exposure to asbestos for at least a minimum number of years and must submit medical evidence to prove that they have a qualifying asbestos disease. (Specific requirements vary by disease.) Claimants are not required to show that they were harmed by particular asbestos products. The act specifies that independent medical experts will review all applications for compensation, and it also gives the fund authority to require that claimants submit to medical examinations and provide tissue biopsies.

Proposed compensation levels are shown in Table 3. Claimants with mesothelioma would receive $1 million, those with asbestos-related cancers would receive between $25,000 and $1 million (depending on disease and smoking behavior), and those with severe or disabling asbestosis would receive between $20,000 and $750,000 (depending on severity). Claimants with no impairment would receive free medical monitoring, but no cash. Compensation would be paid over three to four years, and future payments would be inflation adjusted. Table 3 also shows expected asbestos compensatory damage awards at trial since 1987 (punitive damage awards are excluded since payments by the fund are intended to be compensatory only). The comparison suggests that the act’s proposed compensation levels for severe asbestos diseases are in the same range as compensatory damage awards at trial. But most tort claimants receive much less, since claims are generally settled out of court, and settlement levels are much lower than damage awards.³ The act also includes a long-overdue ban on asbestos use.

³ Data on settlement levels broken down by disease are not available. The average asbestos settlement level for all diseases is about $5,000 (in 2000 dollars), but claimants usually receive separate settlements from multiple defendants. Damage and settlement figures are calculated from data described in White (2002a).
Is $114 billion likely to be adequate to compensate all present and future asbestos claimants? The Congressional Budget Office (2003) estimated that the proposed fund would in fact collect enough to cover the cost of paying claims. The CBO assumed that, during the first ten years, there would be 6,000 claims per year involving mesothelioma and other cancers and 63,000 claims per year involving asbestosis and other nonmalignant conditions. Of the latter, it assumed that only 15 percent of claimants would qualify for compensation, while the other 85 percent would receive only medical monitoring. After the first ten years, the CBO assumed that the number of mesothelioma and cancer claims per year would fall in half, but the number of claims for nonmalignant conditions per year would double. The CBO cautioned that its estimates were extremely sensitive to the assumption concerning the proportion of asbestosis claims that would qualify for compensation as opposed to medical monitoring.

How well might a fund of this sort accomplish the four goals named at the beginning of this section? The total of $114 billion appears to be enough to compensate present and future claimants, but only if the fund is aggressive in weeding out claims by the unimpaired. To do so, the fund will have to spend substantial resources on auditing claims, conducting medical examinations and examining biopsies. Past experience by the Manville Trust suggests that, without careful auditing, claimants with pleural plaque will claim to have asbestosis, claimants with asbestosis who are unimpaired will claim to be disabled, and the number of claims will increase rapidly. These factors will quickly cause the fund to overrun its budget.

Will adoption of the fund reduce litigation costs relative to the current system? The answer is unclear, since the fund’s own costs of auditing claims will be high, and the act does not specify limits on plaintiffs’ attorneys’ fees. Other asbestos compensation trusts, including the Manville Trust, often limit plaintiffs’ attorneys’ fees to 25 percent of compensation. But perhaps to reduce opposition by plaintiffs’ lawyers, the act’s drafters did not set any limits (although they specified that a legal assistance program for claimants be set up).

Table 3

Proposed Compensation Levels under S. 1125 and Expected Compensatory Damage Awards in Asbestos Trials

<table>
<thead>
<tr>
<th>Proposed compensation under S. 1125</th>
<th>Expected compensatory damage awards, 1987–2002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mesothelioma</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>Lung and other cancers</td>
<td>$25,000–$1,000,000</td>
</tr>
<tr>
<td>Asbestosis</td>
<td>$20,000–$750,000</td>
</tr>
</tbody>
</table>

Notes: Compensatory damage awards are in 2000 dollars and are calculated from data described in White (2002a). Punitive damage awards are excluded from the calculations. Damage awards take into account plaintiffs’ probability of losing at trial, which is approximately one-third.
The fund would give greater certainty to all parties. Claimants would receive a uniform level of compensation by disease, in comparison to the tort system where they individually bear the risk of winning a multimillion dollar damage award at trial, losing at trial and receiving nothing or receiving much smaller settlements. Adoption of the fund also increases the probability that money will be available to compensate individuals who develop serious asbestos diseases in the future. Claimants would also receive their compensation more quickly than in the tort system, where lawsuits often take many years. The fund also eliminates defendants’ uncertainty concerning their future asbestos liabilities and stops the spread of asbestos litigation to new defendants.

Whether the act will be adopted is unclear. The AFL-CIO announced in the fall of 2003 that $153 billion would be required to compensate all claimants, rather than $114 billion. Recently, the act’s sponsors raised the proposed compensation levels by 10 to 300 percent and raised the required contributions from $114 to $118 billion. As a result of these changes, the CBO announced that the fund would not be able to pay all claims. Democrats in the Senate have consistently opposed the act, and they recently announced that they are preparing their own asbestos legislation.

An alternative approach for resolving the asbestos crisis would also require new legislation, but would be less complicated than the fund-based approach. It would require that all asbestos claims be filed in federal court and, moreover, that all asbestos claims be transferred to a single federal judge for pretrial discovery and trial. (Currently, many asbestos lawsuits are transferred to a particular federal judge for pretrial discovery, but they are returned to the jurisdiction where they were filed for trial.) Claims involving mesothelioma, asbestos-related cancers and severe asbestosis would be placed on an “active docket,” while all other asbestos claims would be placed on an inactive docket. Only claims on the active docket would proceed. Congress would need to provide sufficient resources for the court to audit all claims for disease type and to process all claims on the active docket. Based on the CBO’s claim estimates, there would be about 15,000 new active docket claims each year, which—given settlements—would require that several hundred trials be conducted each year. (These figures would be expected to decline over time.) By reducing the amount spent on compensating claimants with no asbestos-related disability, this approach would at least partially achieve the four goals specified above. It would also eliminate the need for agreement on how to pay for a compensation fund.

**Conclusion**

The asbestos litigation mess is a combination of a difficult situation and a series of unwise decisions. The difficult situation was that asbestos was widely used and demonstrably harmful to health and that a number of firms engaged in cover-ups and political pressure to hide their behavior. The bad decisions include preventing...
workers with asbestos-related diseases from collecting workers’ compensation; not regulating asbestos until the 1970s; not banning asbestos in the early 1990s; allowing uninjured claimants to collect damages; allowing asbestos liability to spread to defendants with little asbestos involvement; and rewriting the meaning of past insurance policies to increase insurers’ liability.

The asbestos situation suggests several lessons that may be applicable to other mass torts. First, because of capture by the large asbestos producers, regulation was ineffective in preventing large-scale asbestos exposure. However, the large producers were unable to capture the courts and liability was eventually effective in driving asbestos from the U.S. marketplace.

Second, regulation and liability are related in the sense that when producers knowingly expose large numbers of workers and consumers to highly dangerous products and attempt to cover up their behavior, judges and juries are likely to respond by punishing them with massive compensatory and punitive damages.

Third, asbestos is fairly unique as a mass tort because it was used in thousands of products, millions of plaintiffs were exposed, and thousands of defendants with deep pockets were potentially liable. This set of circumstances made it more likely that once the litigation got started, it would spiral out of control. But the same scenario seems unlikely to happen for other mass torts. After all, plaintiffs’ lawyers have been searching for the next asbestos for years now, and, so far, they don’t seem to have found it.

Fourth, the legal system has two methods to resolve mass torts collectively—bankruptcy and class action settlements—but neither of them worked for asbestos. Bankruptcy is effective in resolving a mass tort that involves only a single defendant. But bankruptcy has no mechanism for preventing the spread of liability from bankrupt to nonbankrupt defendants. A large class action settlement could potentially resolve mass torts involving multiple defendants, but the U.S. Supreme Court blocked this route for asbestos and, in any case, it would be nearly impossible to get thousands of defendants and hundreds of insurers to agree on a voluntary settlement. By a process of elimination, this argument suggests that Congress will eventually have to pass legislation to resolve the asbestos crisis. But, not surprisingly, the current bill in Congress is stalled over the same issue—how to decide on individual defendant’s and insurer’s contributions to the compensation fund.

Finally, while other mass torts are unlikely to replicate the size and scope of asbestos litigation, the legal techniques and precedents that lawyers developed for asbestos litigation are likely to be applied to other mass torts in the future. As a result, mass torts in the future will be more common and more expensive.

Will the asbestos mess at least have the beneficial effect of changing firms’ attitudes toward the risks of using asbestos-like products in the future? Unfortunately, neither liability nor regulation works very well when the harm that results from exposure has a long latency period like that of asbestos. Because managers tend to discount the future heavily, if they can increase profits for 20 or more years by using dangerous substances, heavy institutional pressure will exist to ignore the high price that their firms and society will eventually pay.
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