

## [Projection of Mesothelioma Mortality in Great Britain](#)

(Posted by Tom Lamb at [www.AsbestosHUB.com](http://www.AsbestosHUB.com) on September 7, 2009 <http://bit.ly/Cf35E>)

A report recently prepared by the Health and Safety Laboratory in Great Britain ominously predicts a peak of mesothelioma cases in males to occur in 2038 and notes 1705 deaths recorded in 2006:

In 2005, a statistical model was developed based on a simple birth-cohort model, which assumes that the risk of mesothelioma depends on age and years of exposure and that an individual's asbestos exposure depends on the year of exposure. An optimisation technique was used to fit the model and a profile of the population exposure was estimated. Projections of the future burden of mesothelioma mortality were calculated, however statistical uncertainties in the formulation of the model could not be taken into account. In this report, the model has been refined and refitted using the MATLAB's fminsearch function and the Metropolis-Hastings algorithm, a Markov Chain Monte Carlo technique. Credible intervals for model parameters as well as prediction intervals for future cases of mortality amongst males are presented.

Mortality amongst all males is expected to keep increasing, reaching a peak at around 2,040 deaths in the year 2016, with a rapid decline following the peak year. Around 91,000 deaths are predicted to occur by 2050 with around 61,000 of these occurring from 2007 onwards.

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[Read the report.](#)

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Attorney Tom Lamb represents people in personal injury and wrongful death cases involving mesothelioma or other asbestos cancers. The above article was posted originally on his blog, **Asbestos HUB** – with active links and readers' comments.  
<http://AsbestosHUB.com>