

## RMS® Pandemic Influenza Model: Business Continuity Solutions

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- In the event of an influenza pandemic, businesses will play a key role in protecting employee health and safety as well as limiting the negative impact to the economy, society, and their business.
- Most large companies have teams, made up of senior facilities and HR personnel, and disaster planning specialists responsible for creating business continuity plans.
- While most companies have a plan in place given a pandemic occurs, most don't have the resources to estimate the impact on their employees and their businesses.
- Many companies are using a single event to plan for a pandemic; an RMS business continuity report can help companies prepare for multiple potential scenarios.
- An RMS business continuity report can help companies make better decisions by incorporating a risk analysis into their plan.

### RMS ANALYSIS HIGHLIGHTS

- Allows companies to understand the operational impact of the full range of influenza pandemic scenarios:
  - Company-specific calculation of number of days lost due to staff sickness
  - Company-specific calculation of number of days lost due to staff caretaker duties
  - Company-specific casualty estimates
- Provides detailed analysis of representative scenario results:
  - Quantify the likelihood of different pandemic severities as well as the range of outcomes
  - Event timelines detailing the week by week impact of an event, and how different choices can impact business
  - Incorporation of company-specific planning scenarios (if a specific scenario is already used in company pandemic preparedness planning)
- Presents key metrics and information sources that drive key decisions.
- Examines the sensitivity of various disease characteristics including location of outbreak, availability of a vaccine, and national response measures.
- Incorporates industry-specific issues such as lack of hospital resources
- Includes alternative strategies for company preparedness at different pandemic status levels.

### SOFTWARE HIGHLIGHTS

- **Geographic Scope:** Australia, Austria, Belgium, Brazil, Canada, China, France, Germany, Hong Kong, India, Indonesia, Ireland, Italy, Japan, Malaysia, Netherlands, Philippines, Poland, Russia, Singapore, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, United States, Vietnam
- **Stochastic Model:** Nearly 2,000 unique scenarios; vary based on virus infectiousness and lethality of virus, demographic impact location of outbreak, and pandemic lifecycle
- Factors in vaccine production and efficacy as well as various national counter-measures
- Results viewing for probabilistic analysis outputs and ELTs
- Analysis profiles to specify analysis details and settings

### ADDITIONAL INFORMATION

- <http://www.rms.com/InfectiousDiseaseRisk/>