

PathogenRX: An Exclusive Analytics and Insurance Solution for Outbreaks, Epidemics, and Pandemics

The COVID-19 pandemic has demonstrated the potential severity and reach that infectious disease events can have on businesses and the economy. COVID-19, Zika, Ebola, MERS, and SARS are just some examples of the viral outbreaks, epidemics, and pandemics that have had widespread effects over the last two decades on businesses across several industries, including hospitality, travel, manufacturing, retail, and food. Among other impacts, these events can dampen public confidence, disrupt supply chains, and force travel and entertainment cancellations.

Marsh, working with Metabiota and Munich Re, has created a risk mitigation insurance solution for pandemic risk that provides financial protection against the fallout from an outbreak, epidemic, or pandemic. Using coverage triggers such as mortality and infection rates, companies can now better understand the operational disruption risk posed by an infectious disease event and make insurance decisions accordingly.

Costly Risk, Limited Options

Outbreaks, epidemics, and pandemics are not like other risks. They may occur over several months, are often not confined to a specific region, and can be unpredictable. And unlike most other perils, they can scale and grow over time.

WHO IT'S FOR

Companies affected by outbreaks, epidemics, and pandemics across a variety of industries, including:

- Hospitality and travel.
- Sports and entertainment.
- Higher education.
- Retail.
- Manufacturing.
- Mining.

WHAT YOU GET

- The ability to model and estimate infectious disease risks through Metabiota's comprehensive infectious disease database.
- Customizable coverage backed by Munich Re for losses stemming from infectious diseases, including for loss of gross profit, loss of revenue, and extra expense.
- Defined coverage triggers, such as a mortality count or public health emergency declaration.

They can also be costly:

- Through early May, the COVID-19 pandemic has led to unprecedented financial market volatility, record levels of unemployment, and pervasive worries about a potential global recession.
- The 2014-15 West African Ebola epidemic cost the economies of Guinea, Liberia, and Sierra Leone an estimated \$2.8 billion, according to the World Bank.
- The 2015-16 Zika outbreak cost Latin American and Caribbean economies as much as \$18 billion, according to the United Nations Development Programme.

Yet companies have historically had few options for protecting against these risks. Unlike natural catastrophes, outbreaks, epidemics, and pandemics typically do not result in immediately identifiable physical damage, and they are difficult to model.

Robust, Customizable Coverage

PathogenRX — available exclusively to Marsh clients, underwritten by Munich Re, and backed by the analytics and modeling capabilities of Metabiota — offers an innovative insurance solution for risks stemming from outbreaks, epidemics,

and pandemics. PathogenRX enables companies to model their risk and enhance balance sheet protection in the event of an outbreak, epidemic, or pandemic.

Supported by advanced analytics, the policy provides indemnity protection that can compensate an insured in the event of a demonstrable loss. The policy can be tailored to provide coverage for specific expenses, geographies, types of disease, or portions of a calendar year.

PathogenRX can provide coverage for the loss of gross profits, loss of revenue, and extra expense incurred as a result of an infectious disease event in a designated geographical coverage area. Coverage can be triggered by straightforward, objective metrics, such as mortality count, or explicitly defined events, such as a civil authority lockdown or the declaration of a public health emergency.

Coverage under PathogenRX is provided on an occurrence basis within the policy period. Multiyear options can provide price and capacity certainty that can help companies protect themselves from future outbreaks, epidemics, and pandemics.

For more information about PathogenRX, contact your Marsh representative or:

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WHY MARSH?

Marsh's global network of risk specialists in more than 100 countries are focused on delivering solutions designed to preserve and grow capital for companies across many industries. Our colleagues have earned a reputation as leaders in providing risk and insurance services. Through forward-looking solutions and innovative products, Marsh works with our clients to help them thrive through the effective management of their most critical risks.

Marsh is one of the Marsh & McLennan Companies, together with Guy Carpenter, Mercer, and Oliver Wyman.

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