

# 10 WAYS GIDEON SUPPORTS EPIDEMIOLOGISTS



**"I don't think we could have modeled the data set we did without GIDEON."**

Colin J. Carlson, Assistant Research Professor, Georgetown University

## 1 DATA GOING BACK TO 1348 AD

GIDEON is the most comprehensive database of historical and current infectious disease outbreaks, encompassing **230+** geographical areas.



## 2 API SERVICE

GIDEON maintains a REST API to support the programmatic processing of data. This is especially useful when working with data modeling – for example, as a tool to predict the probability of future outbreaks.



## 3 UPDATED BY EXPERTS

All references are from reputable sources such as PubMed and ProMED, curated by a team of highly regarded medical scientists who are updating the GIDEON database daily.



## 4 GEOGRAPHICAL CONTEXT

GIDEON has a dedicated geographical distribution data set for each Infectious Disease, which defines the endemic countries and provides country-specific notes and an in-depth analysis of global distribution.



## 5 EXTENSIVE DATA SET

GIDEON provides **over 40,000 historical outbreaks** and **cross-border events**, as well as **76,000+ surveys** of prevalence and seroprevalence.



## 6 SOPHISTICATED GRAPHS

Includes **over 137,000 graphs** of incidence and death rates per year, with parallel graphs of rates per 100,000 population.



## 7 INTERACTIVE MAPS

GIDEON renders interactive maps of disease distribution and outbreaks.



## 8 USED BY AUTHORITIES

GIDEON ensures that the product continues to meet the needs of epidemiologists, by collaborating with individual scientists and such authorities as WHO and ECDC.



## 9 INCLUDES DRUGS AND VACCINES

GIDEON supports pharmacoepidemiologists by listing **over 300 anti-infective drugs** and **70+ vaccines** (30,000 trade names), and allows comparison of toxic effects, interactions, contraindications, and therapeutic spectra for each drug.



## 10 BIOTERROR SCENARIOS

Bioterrorism notes help epidemiologists simulate and anticipate the possibility of bioterror events associated with all relevant diseases.

