



# COVID & Flu Survey

## The Purpose

This nationally representative randomized adult online survey of COVID-19 (COVID) and seasonal influenza virus (flu) was developed to:

- Help understand the incidence, time to recovery, healthcare resource utilization (HRU) of each infectious disease within the context of the early 2020 flu season
- Highlight the capabilities of online surveys and the power of the proprietary Anlitiks RapidAnalyzer™ analytic platform

## About the Client

 **INDUSTRY**  
In-house research

 **LOCATION**  
US

 **THERAPEUTIC AREA**  
Infectious Disease

## The Anlitiks Approach

### THE PROCESS

#### Cross-sectional online survey

Information regarding respondent demographics, COVID/flu symptoms, diagnostic testing, current health status related to comorbid conditions and concomitant medications, HRU, and behavioral profile were collected for identification and analysis purposes

Means, medians, percentage, and standard deviations were used for reporting frequency and proportion of respondents with **prevalence of COVID/flu** as appropriate

Differences in relevant study measures between study cohorts were analyzed using t-tests and chi-square tests for continuous and categorical outcomes, respectively

All analyses were conducted using the proprietary **Anlitiks RapidAnalyzer™ analytic platform** and were replicated in R for validation

#### Survey Design

#### Study Measures

#### Statistical Analysis

#### Results

Data collected from the survey was used to derive a **COVID-specific symptom checklist (CSC)**

The CSC, along with the diagnostic testing results of respondents was used to finalize the study cohorts

Outcomes such as prevalence of COVID/flu, length of illness, symptom severity, hospital stay, ICU stay, and ventilator use, among others, were analyzed

Identification of target patient population

Derivation of study cohorts

**Length and severity of illness, time to recovery**

**Healthcare resource utilization**

## Anlitiks' Contribution

- Poster presentation at the ISPOR 2021 Virtual Conference

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