

# Market Insights: COVID-19 Analytic Data Sets

## Use De-Identified Data to Understand Disease Progression and Improve Intervention

### Examine COVID-19 Patterns

The American healthcare system is in the midst of an unprecedented crisis. The application of insight drawn from de-identified national healthcare data offers information that allows researchers to trace the patterns and trends crucial to solving this crisis.

To support our customers as well as the overall healthcare community, Change Healthcare has developed the **Market Insights: COVID-19 Analytic Data Sets** to provide consolidated, de-identified<sup>1</sup>, and timely analytic data relevant to the pandemic.

### Enable Longitudinal Analysis

The de-identified data, derived across institutional, professional and ambulatory settings, depicts both explicit and inferred SARS-CoV-2/COVID-19 diagnoses, tests, and care, comprising three analytic data sets:

- The first includes claims with explicit COVID-19 test and diagnosis codes, depicting SARS-CoV-2/COVID-19.
- The second includes claims with billing codes identified in the CDC interim billing guidelines issued in February 2020.
- The third contains claims with a selection of respiratory management diagnosis codes.

These analytic datasets enable robust longitudinal analysis to help data scientists understand disease progression, optimize intervention, and ultimately, remediate SARS-CoV-2/COVID-19.

### Track Tests and Diagnoses

The data sets provide a robust and timely depiction of the state of SARS-CoV-2/COVID-19 in America. Each dataset includes de-identified claims containing selected tests, diagnoses, or procedures of up to four years' history. The datasets are updated daily as new information is processed.

### Analytic Data Set 1: COVID-19 Explicit Test and Diagnosis Codes

The first analytic data set includes claims with an explicit SARS-CoV-2/COVID-19 test or diagnosis code.

#### ICD 10 Diagnosis Codes:

U071

#### HCPCS/CPT Test Codes:

U0001 – Center for Disease Control (CDC) test

U0002 – Commercially produced test

87635 – Other tests



## Analytic Data Set 2: COVID-19 CDC Interim Billing Guidelines

The second analytic data set includes claims that contain billing codes specified in the interim billing guidelines issued by CDC in February 2020<sup>2</sup>, indicating SARS-CoV-2/COVID-19 activity.

ICD 10 Diagnosis Codes:		
J1289	J22	Z20828
B9729	J988	R05
J208	J80	R0602
J40	Z03818	R509

## Analytic Data Set 3: SARS-CoV-2/COVID-19 Inference Through Respiratory Management

The third analytic data set includes HCPCS claims related to respiratory management which were used to code early cases of the virus.

94002	94012	94200	94610	94644	94667	94690	94760
94003	94013	94250	94620	94645	94668	94726	94761
94004	94060	94375	94621	94660	94669	94727	94762
94010	94070	94400	94640	94662	94680	94728	94770
94011	94150	94450	94642	94664	94681	94750	94799

## Commitment to Privacy

Change Healthcare recognizes the critical importance of maintaining privacy and security of healthcare data and recognizes that great responsibility. Specifically, Change Healthcare leverages explicitly permissioned data that is de-identified and maintained in strict compliance with applicable HIPAA guidelines. To further enforce these required protections, this process is regularly verified by third-party experts.

## For More Information

For COVID-19 Analytic Data Sets subscription information, contact [Change Healthcare](#) at 1-844-217-1199.

<sup>1</sup> Protected Health Information is de-identified in accordance with 45 C.F.R § 164.514(b).

<sup>2</sup> Centers for Disease Control and Prevention, "ICD-10-CM Official Coding Guidelines Supplement: Coding Encounters Related to COVID-19 Coronavirus Outbreak" February 20, 2020. <https://www.cdc.gov/nchs/data/icd/ICD-10-CM-Official-Coding-Guidance-Interim-Advice-coronavirus-feb-20-2020.pdf>