

A Payer Perspective: Impacts of Long COVID

Presented by: Kelli Tice, MD
Vice President, Medical Affairs
Chief Health Equity Officer

GuideWell Mutual Holding Corporation is a not-for-profit health solutions company headquartered in Florida. GuideWell companies serve 46 million people in 45 states, Puerto Rico and the U.S. Virgin Islands.

Florida Blue	GuideWell Health	GuideWell Source	GuideWell Venture Group	Triple-S	WebTPA
The oldest and largest health insurer in Florida and a member of the Blue Cross Blue Shield Association. Florida Blue serves over 5.9 million members across 67 counties in the state.	A portfolio of clinical delivery organizations serving Florida Blue members as well as other Florida residents. Includes a joint venture with Sanitas Medical Centers.	A provider of administrative services to state and federal health care programs.	A portfolio of companies focused on creating innovative health solutions for health plans, including PopHealthcare.	The Blue Cross Blue Shield plan of Puerto Rico serving more than 1 million customers, which represents nearly one third of the island's population. Additionally, it offers life, property & casualty insurance	A market leading administrator of self-funded employer health plans.



What We Stand For

MISSION:

To help people and communities to achieve better health

VISION:

To be a leading innovator enabling health communities

VALUES:

Respect, Integrity, Inclusion, Imagination, Courage & Excellence

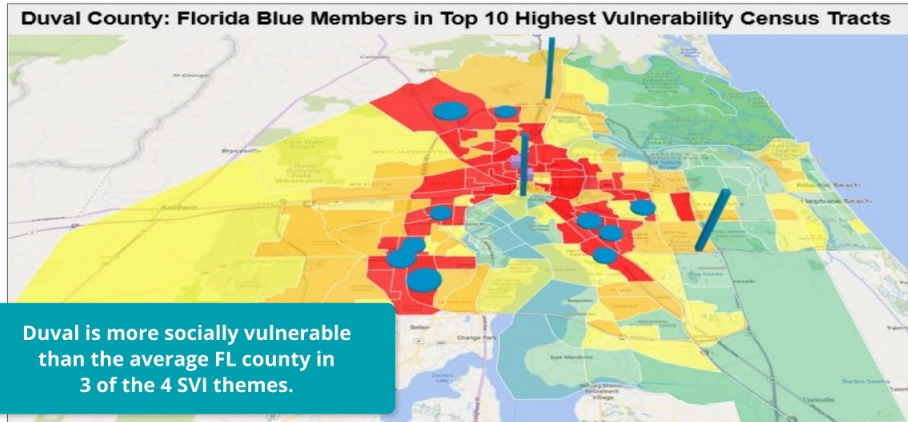
The GuideWell COVID-19 Response

Health Equity Focus
Data and Analytics
Messaging
Partnerships
Clinical Expertise

COVID Information
COVID-19 Testing
Vaccine Information
Vaccine Distribution
Risk Reduction for Members
COVID-19 Surges

Data Science & Business Intelligence: Data-driven approach to understanding our members unique needs

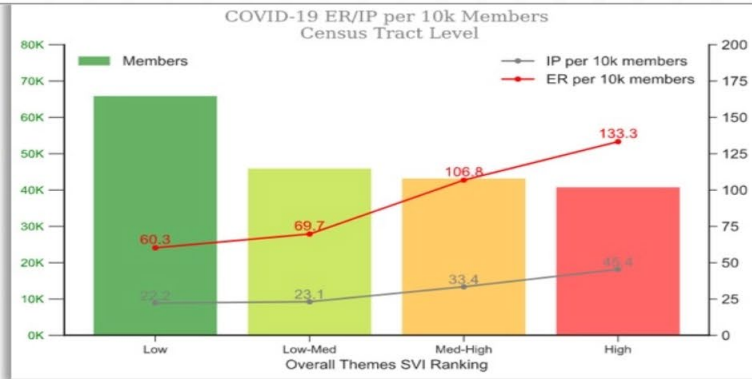
Co-locating Social Vulnerability Index (SVI) & COVID-19 data to quantify disparate health outcomes on state and member level.



Duval is more socially vulnerable than the average FL county in 3 of the 4 SVI themes.

Overall SVI Score	Vulnerability Level
0.00 – 0.24	LOW
0.25 – 0.49	LOW - MED
0.50 – 0.74	MED - HIGH
0.75 – 1.00	HIGH

- FB Membership Size**
(displayed for top 10 highest vulnerability census tracts)
- FB Retail Center**
- Faith-based State Partnership Vax Site**



Florida Blue Members: COVID Impacts & Outcomes by Duval Census Tract Vulnerability Level

Overall SVI Score	Vulnerability Level	Total Members	Total Tested	Percent Tested	Percent Positivity	Total Cases	Hospitalized Cases	Hospitalized per 10k Members	COVID-like ED Encounters	COVID-like ED Encounters per 10k
0.00 – 0.24	LOW	65,870	25,936	39%	9.9%	2,576	146	22	397	60
0.25 – 0.49	LOW - MED	45,917	17,771	39%	9.8%	1,748	106	23	320	70
0.50 – 0.74	MED - HIGH	43,155	15,995	37%	11.0%	1,752	144	33	461	107
0.75 – 1.00	HIGH	40,749	14,733	36%	11.9%	1,752	185	45	543	133

Defining Long COVID to Assess Impacts

Symptoms

- Chest Pain
- Chronic Respiratory Failure
- Cough
- Difficulty Breathing
- Dizziness or Lightheadedness
- Fatigue
- GERD
- Hair Loss
- Headache
- Heartbeat Abnormalities
- Irregular Menstruation
- Loss of Taste or Smell
- Mild Cognitive Impairment (Brain Fog)
- Muscle Pain
- Pulmonary Embolism
- Sleep Disturbances

Definitions

Confirmed Long COVID is defined as any instance of a U09.9 claim OR a claim with B94.8 plus a COVID-19 diagnosis code (U07.1, J12.82, Z86.16, Z20.82) or a positive COVID-19 lab test.

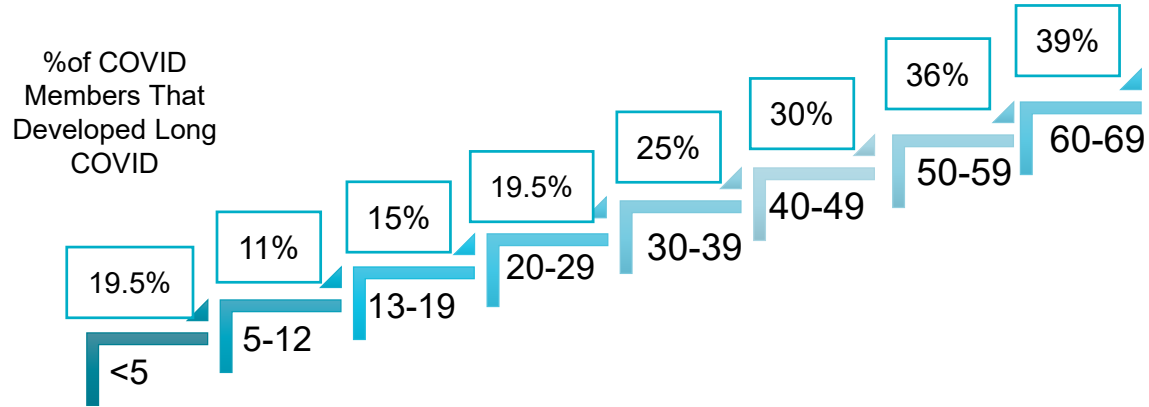
Suspected Long COVID is defined as any one of the following: Claim/lab for initial COVID infection and new Long COVID condition in 1-6 months following initial diagnosis, Claim/lab for initial COVID infection and claim for a Long COVID condition in 1-6 months following initial diagnosis that the member has previously experience prior to diagnosis of COVID-19, or a claim for a history of COVID-19 and one Long COVID condition.

**ON AVERAGE, THESE POPULATIONS EXPERIENCE
LONG COVID AT HIGHER RATES:**

Women

- 25% higher prevalence compared to men
- People with chronic conditions
 - Prevalence is more than double for those with chronic conditions
- Those age 40+
 - All age groups 40+ average Long COVID prevalence above 30%
- Those living in areas of high social deprivation
 - As social deprivation increases, prevalence of Long COVID increases.

Long COVID Prevalence by Age



LONG COVID BY CHRONIC CONDITION STATUS

Chronic Condition Status	% Long COVID
Metabolic and Behavioral Health Disorder Plus 2 or More Conditions*	65.2
Metabolic and Behavioral Health Disorder Plus 1 Condition	54
2 or More Conditions, Not Metabolic	52.3
No comorbidities	19.5

Data Challenges

Defining the condition

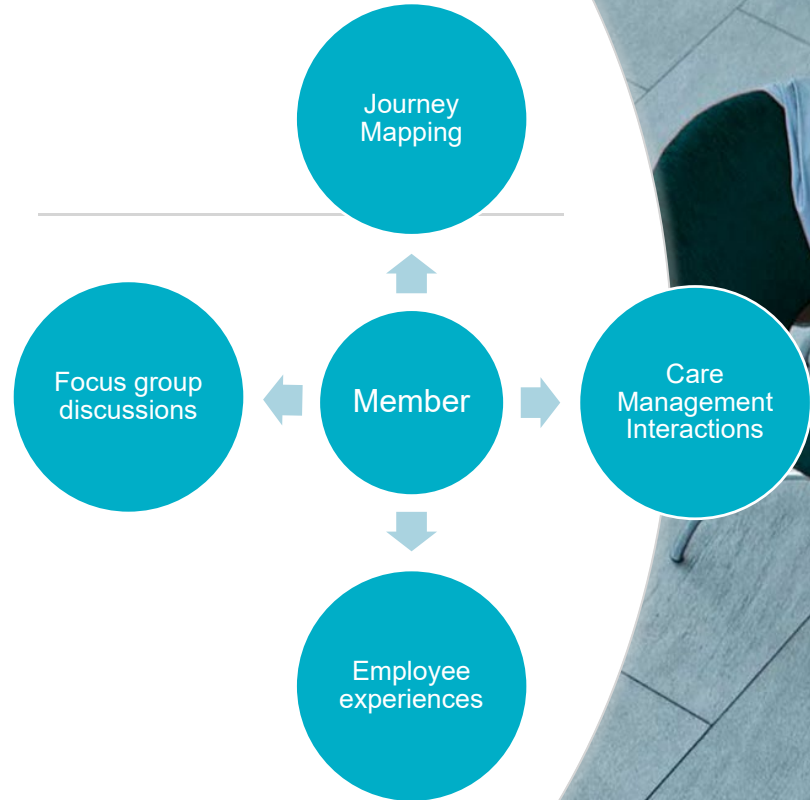
Estimating impact

Provider education

- Identifying cases
- Use of Long COVID code

Limits of claims review

Understanding Long COVID Member Impacts



Care Management Approach

Tracking CDC updates

<https://www.cdc.gov/coronavirus/2019-ncov/long-term-effects/index.html>

Providing multidisciplinary care teams with data to inform member outreach and support efforts

Clinical Pandemic Response Team used to disseminate information broadly to stakeholders

Thank you