

Telemedicine Trends

-Team Titans

Welcome to the future.

Table of contents

01

Literature

Telemedicine focused
journal articles

02

People

Telemedicine usage
surveys

Houston

Census tract analysis

03

Action

Where to invest in
telemedicine

04

The slide features a light gray background with large, stylized geometric shapes on the left and right sides. These shapes are composed of light blue and dark blue lines forming a series of nested, angular patterns that resemble stylized chevrons or abstract architectural elements.

01

Literature

Keywords in Publications



**Patient
Monitoring**

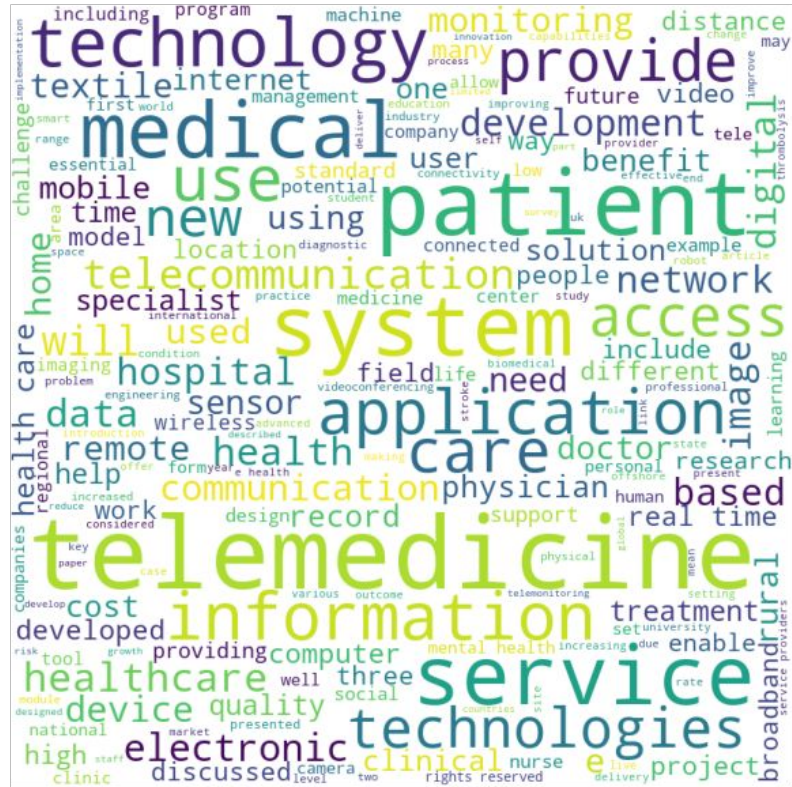


**Health Care
Delivery**



**Real Time
Systems**

Abstracts

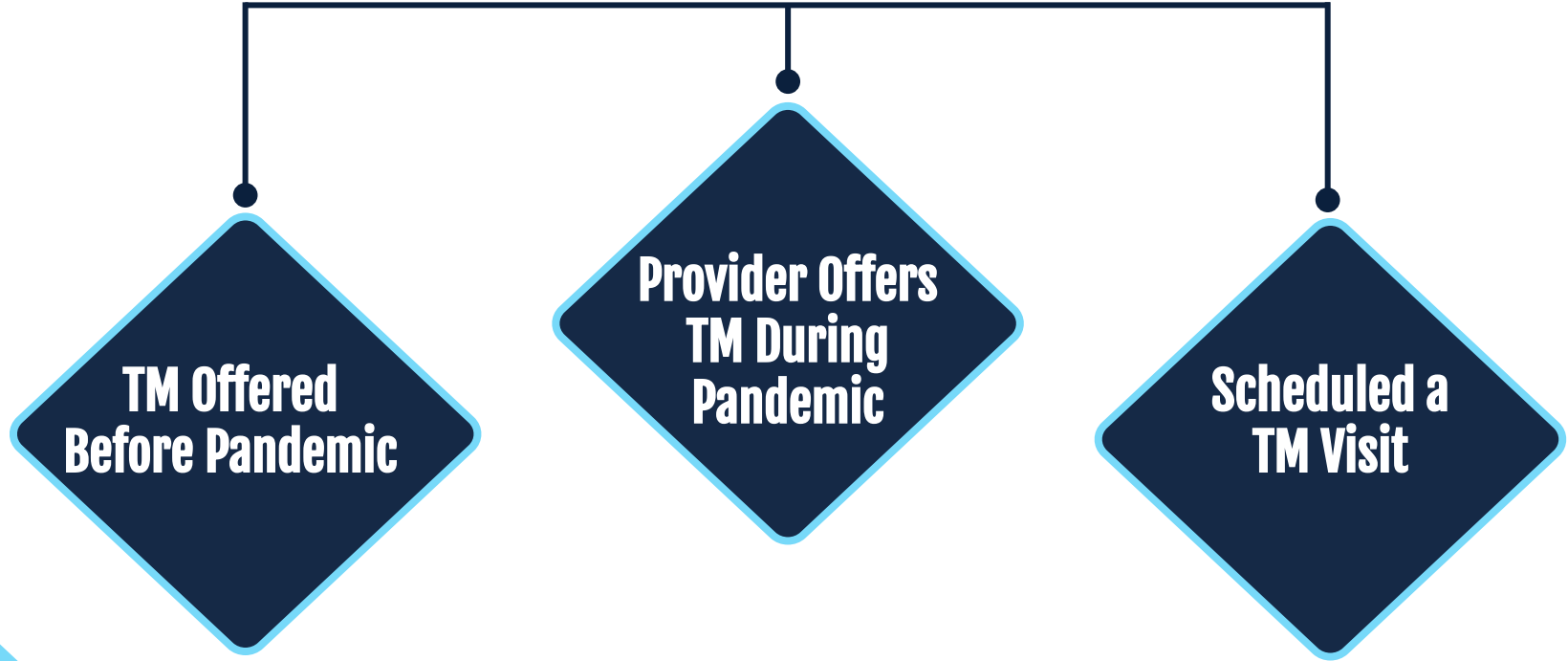




02

People

CDC TM (Telemedicine) Survey Questions



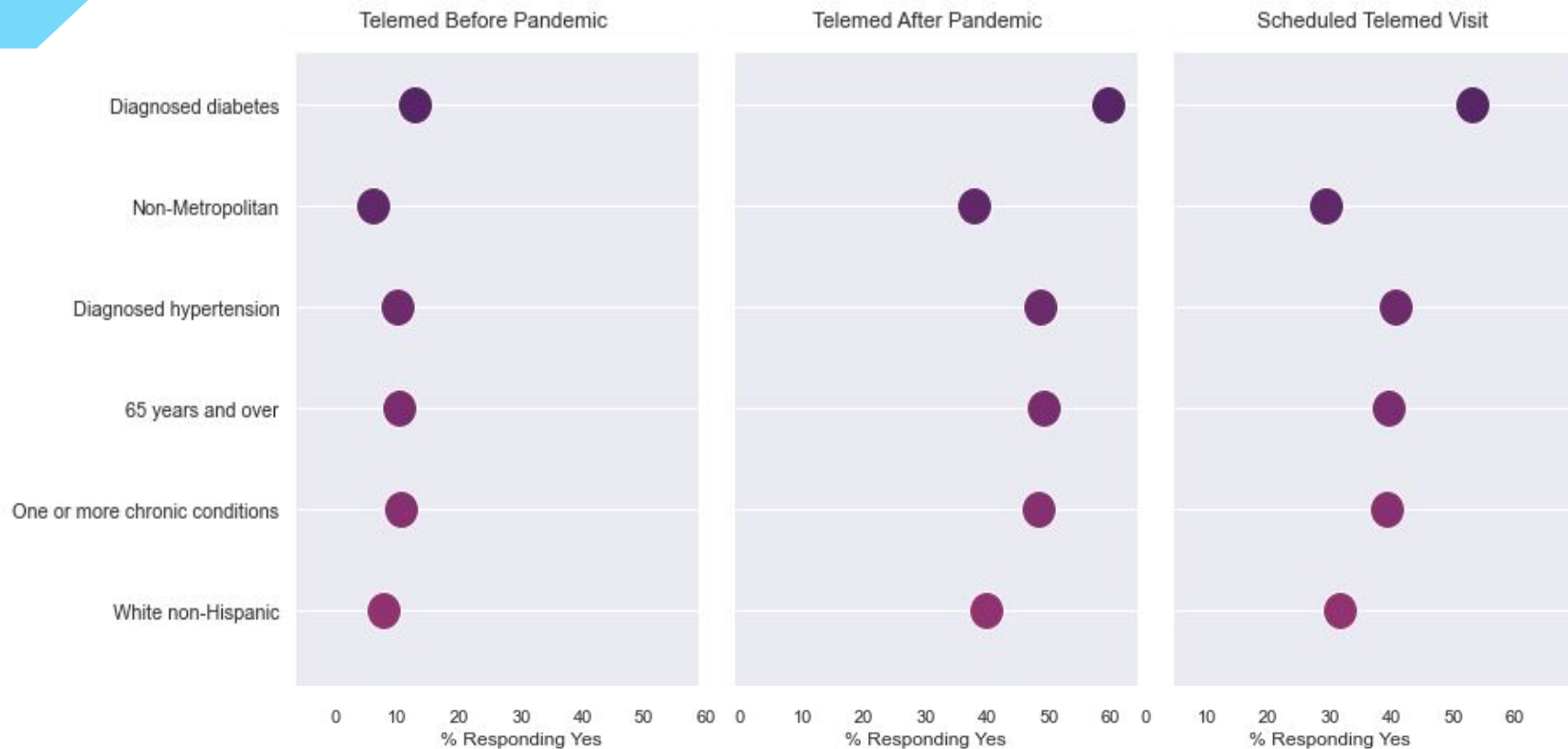
Survey Results

Demographic	% Patients offered Telemedicine Before Covid	% Patients Offered Telemedicine During Covid	% Patients Scheduled Telemedicine Visit *as of July 2020
18-44 years	13.7	30.2	18.8
45-64 years	13.9	39.8	26.9
65 years and over	15.3	45.9	32.0
Bachelor's degree or above	15.5	39.5	25.5
Black non-Hispanic	18.0	38.5	27.4
Current asthma	18.3	46.0	36.9
Diagnosed diabetes	17.8	55.7	44.4
Diagnosed hypertension	15.1	45.6	32.9
Female	14.4	39.7	26.4
High school graduate or less	13.2	35.0	23.1
Hispanic	13.9	33.4	21.9
Male	13.9	33.4	22.0
Metropolitan	14.5	36.7	24.4
Non-Metropolitan	11.6	35.7	22.6
One or more chronic conditions	15.6	45.3	31.6
Other non-Hispanic	17.7	34.1	19.9
Some college	13.8	35.4	24.2
Overall Average	14.1	36.6	24.2
White non-Hispanic	13.0	37.4	24.7

Measures Telemedicine Availability and Usage by Demographic

Percentage of Survey Respondents Who Answered Yes About Telemedicine







03

Houston

LOT (Likelihood of Telemedicine) Score

Will a census tract population use
telemedicine services if it is offered?

From Survey Data to LOT

Demographic	$\frac{\% \text{ Increase in Telemed Usage}}{\% \text{ Scheduling Telemed Visit}}$
18-44 years	0.27
45-64 years	0.91
65 years and over	1.00
Bachelor's degree or above	0.63
Black non-Hispanic	0.01
Female	0.82
High school graduate or less	0.71
Hispanic	0.43
Male	0.42
Other non-Hispanic	0.00
Some college	0.55
White non-Hispanic	0.98

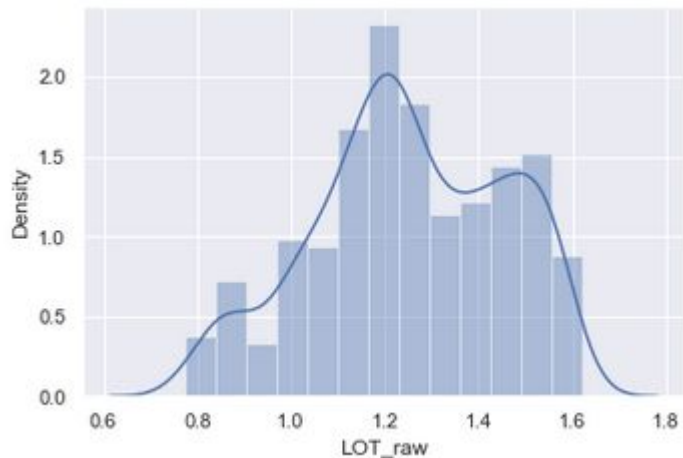
TM Score

- Measures likelihood of a demographic using telemedicine services if offered

Raw LOT Score For Each Tract

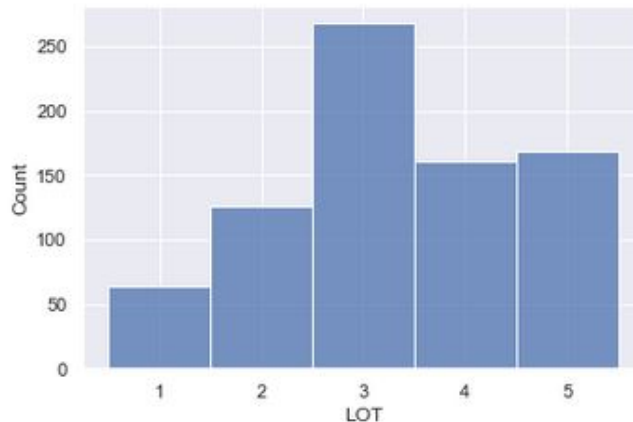
- Percentage of people with demographic weighted by TM score

Raw LOT to LOT

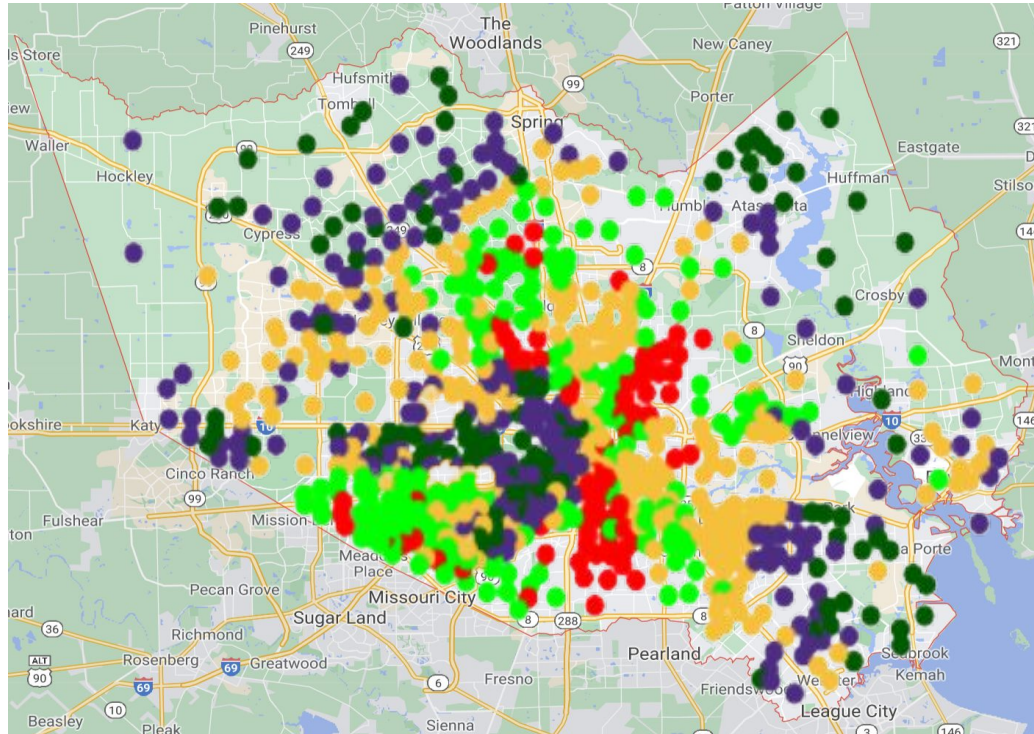


Final LOT Score [1-5]

- Raw LOT Scores put into 5 categorical bins



Houston Segmented by LOT Score

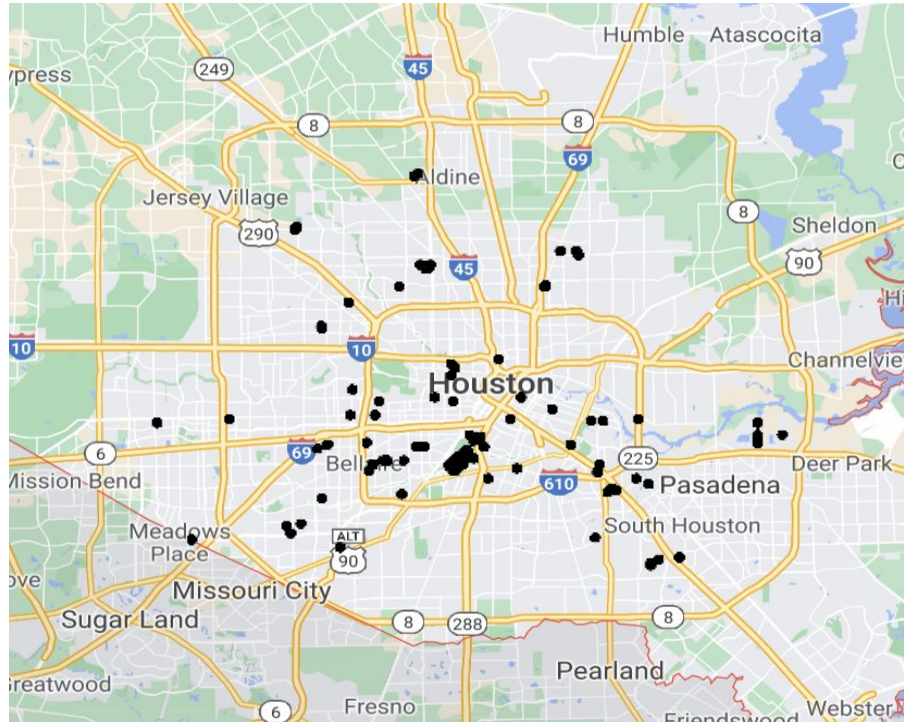


- 5: Dark Green
- 4: Purple
- 3: Gold
- 2: Light Green
- 1: Red



Higher LOT

Houston Hospitals

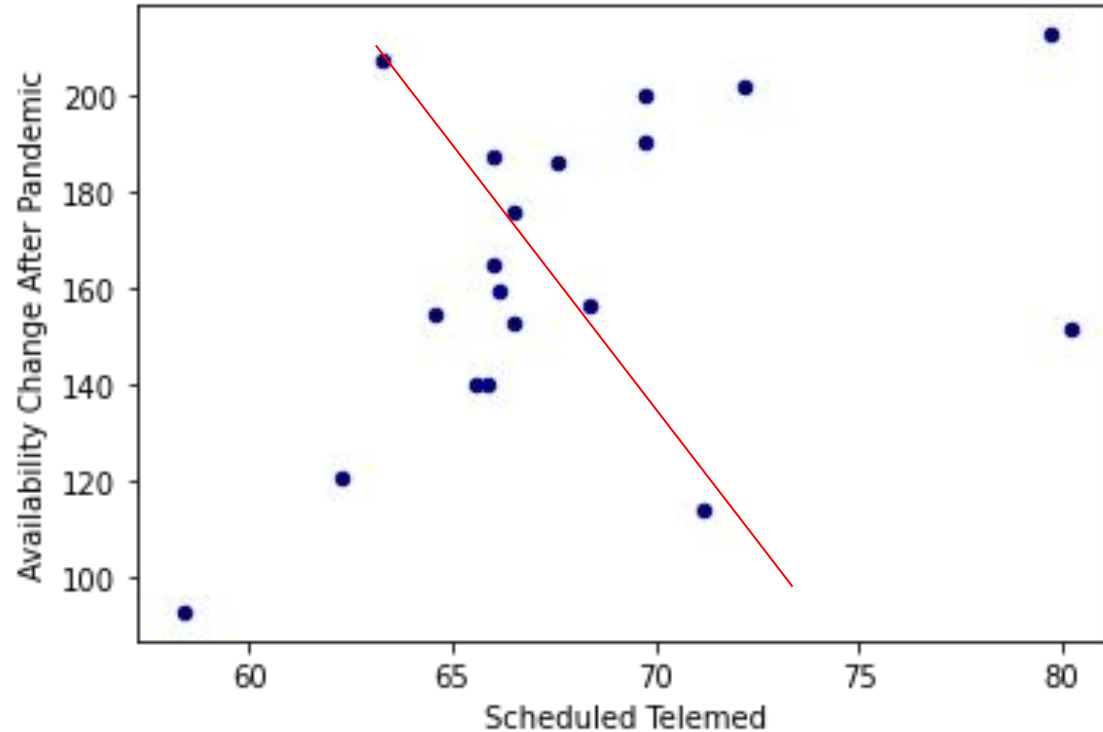




04

Action

Relationship Between Percent Increase & Scheduled



Groups of interest include:

- Non-Hispanic Black
- Non-Metropolitan
- High School Graduate or Less

The Market Recognizes the Trend

Teladoc Health, Inc. (TDOC) ☆

NYSE - NYSE Delayed Price. Currency in USD

285.03 +8.19 (+2.96%)

At close: February 5 4:00PM EST



Act

Corporate Social Responsibility

Quality of care increase for underprivileged communities



Untapped Market

Potential for high uptake of telemedicine services if targeted as customers



**Thanks
for Listening!**