

State of Oral Health Equity in America: COVID-19, Vaccines, and Teledentistry

CareQuest Institute Continuing Education Webinar

June 9, 2021



Housekeeping

- All lines will remain muted to avoid background noise.
- A copy of the slides and a link to the recording will be shared after the webinar concludes. They will also be available on the CareQuest.org website under the **Education** tab. Select **Webinars**.

- **CE Credits**
- In order to receive **ADA CERP credit**, you must fill out an **evaluation form**.
- An email with a **link to the evaluation form** will be sent out **June 11**.
- Evaluations must be completed **by June 18** and the certificate will be sent shortly after that.

Your feedback is also greatly appreciated.



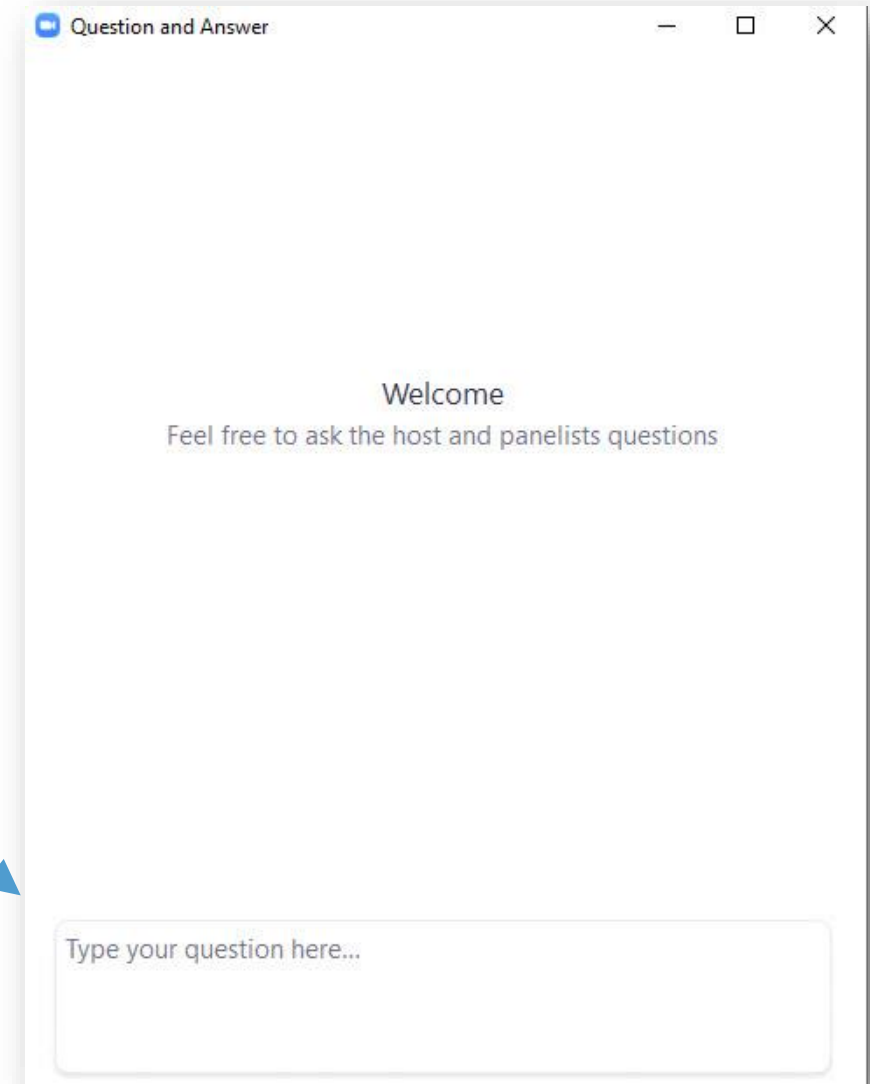
The CareQuest Institute for Oral Health is an ADA CERP Recognized Provider. This presentation has been planned and implemented in accordance with the standards of the ADA CERP.

*Full disclosures available upon request



Question & Answer Logistics

- After the presentations we have time allocated for audience Q&A.
- We are not taking questions in between presentations. We will be monitoring the Zoom Q&A box, and we will do our best to answer all your questions at the end.
- Type your question in the **Q&A** box.



Learning Objectives

- Understand the national findings and trends on the impact of COVID-19 on the oral health access, symptoms, and coverage.
- Recognize why dentists are an untapped resource for COVID-19 vaccination and how they can be utilized in primary prevention efforts.
- Understand the emerging opportunities teledentistry can provide for those with a lack of access to care beyond COVID-19.
- Discuss strategies being planned and implemented, both short and long term, to address inequities in oral health care and access.

Presenters

State of Oral Health Equity in America: COVID-19, Vaccines, and Teledentistry



WEBINAR | Wed., June 9, 2021 | 1 p.m. (ET) | ADA CERP Credits: 1

MODERATOR



Eric P. Tranby, PhD
Data & Impact Manager,
Analytics and Evaluation
CareQuest Institute for Oral Health

SPEAKER



Abigail Kelly, MS
Biostatistician,
Analytics and Evaluation,
CareQuest Institute for Oral Health

SPEAKER



Megan Cloidt, DDS, MPH
Scientific Writer & Communication
Consultant, New York City Health +
Hospitals, Jacobi Medical Center

SPEAKER



Caroline McLeod, RDH, MS
Manager, Value-Based Solutions,
CareQuest Institute for Oral Health

State of Oral Health Equity in America Survey

- The survey is a nationally representative survey of American's attitudes, experiences and behaviors on oral health.
- Designed by the CareQuest Institute for Oral Health and collected in January and February 2021 on adults 18 and older by the National Opinion Research Center on the AmeriSpeaks panel.
 - Amerispeaks is a probability-based panel designed to be representative of the US household population.
- Final sample size $n = 5,320$
- Repeated cross-section for ongoing surveys

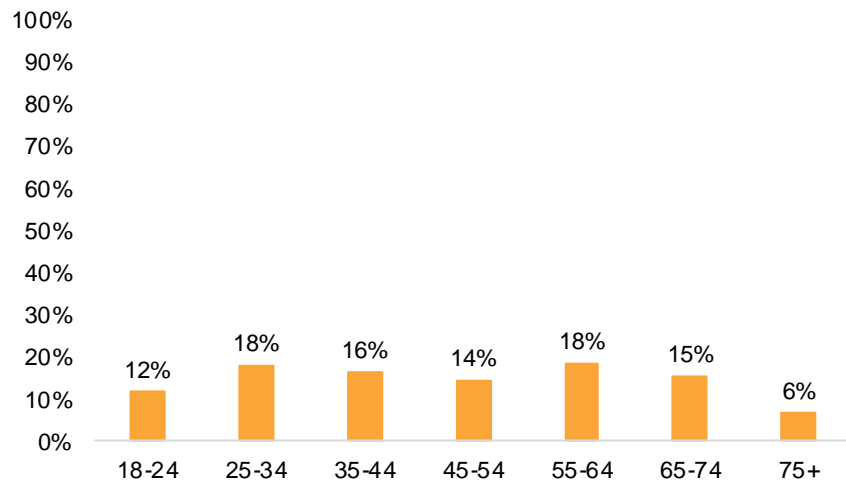
Survey Focus Areas

1. Oral Health Attitudes
2. Oral Health Status
3. Dental Care Experiences and Attitudes
4. Interprofessional Care
5. Insurance Coverage and Attitudes
6. Social Determinants of Health
7. COVID-19

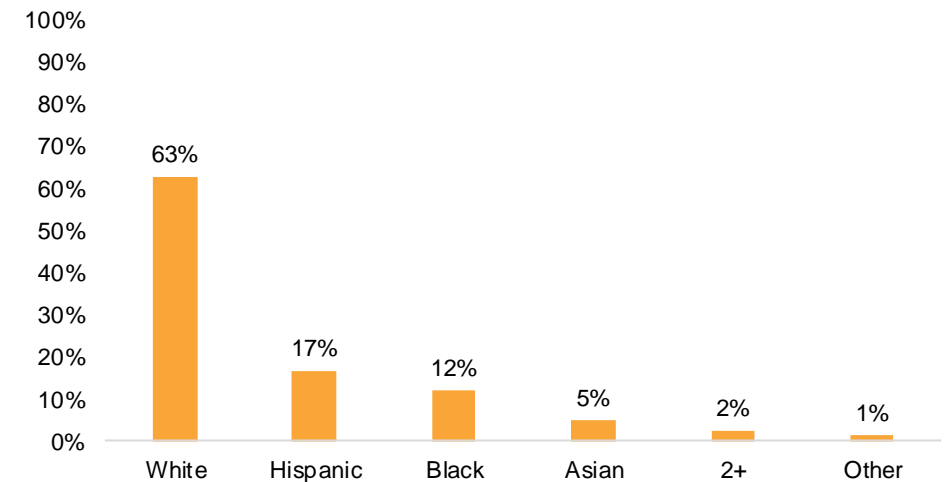
Sample Description

- Final sample size $n = 5,320$
- 48.5% of respondents were male, 51.5% were female

Age Group

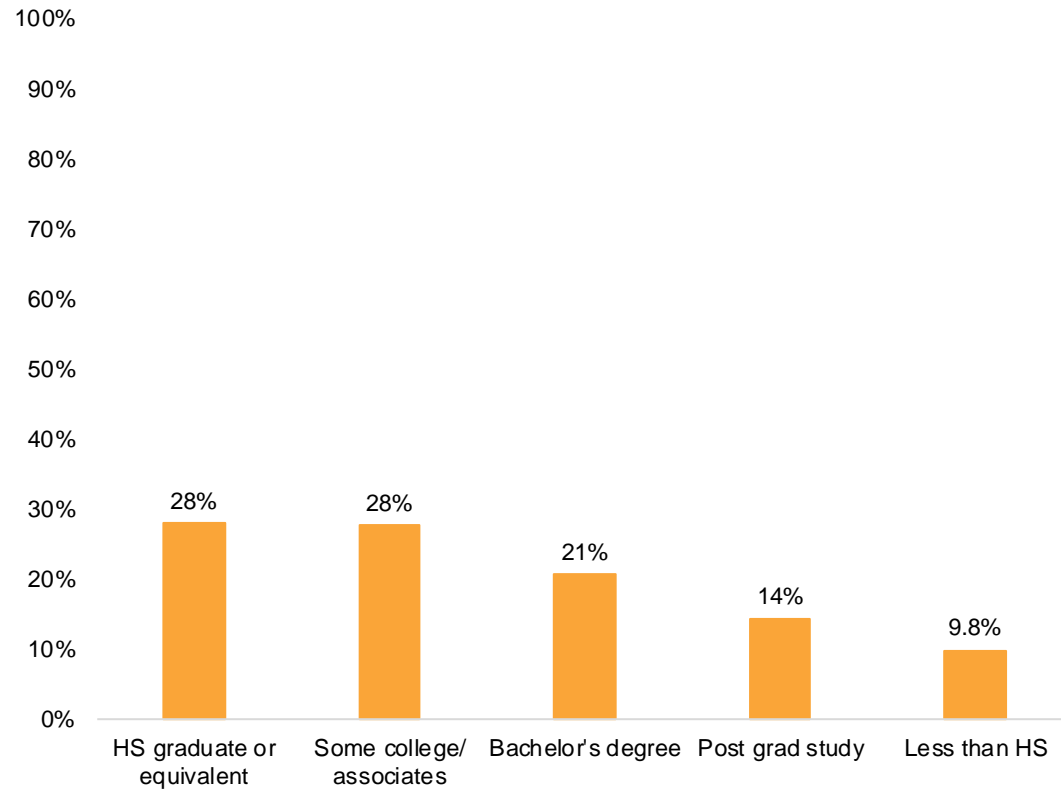


Race/Ethnicity



Sample Description

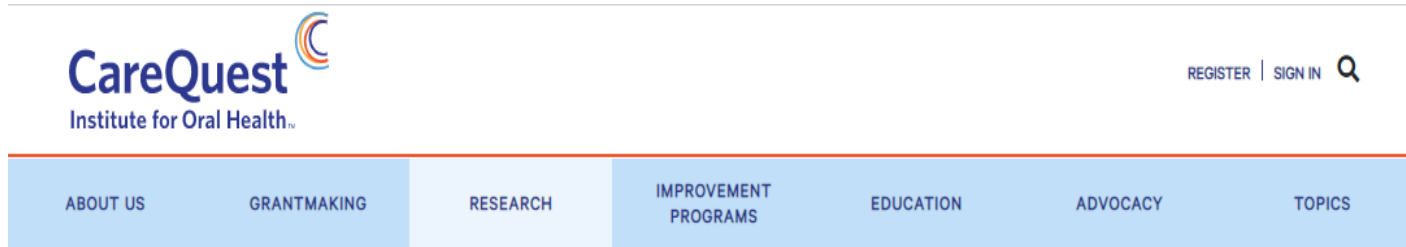
Education



Household Income

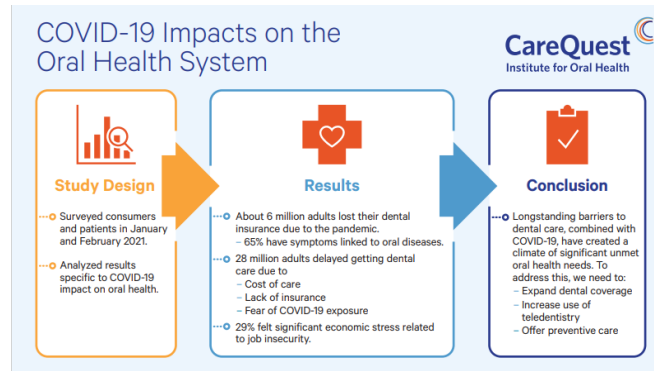


Where Can I Learn More About the Research Reports?



State of Oral Health Equity in America 2021

The following series of reports was developed from findings from a nationally representative survey of consumer and patient attitudes, experiences, and behaviors on oral health. The survey was designed and commissioned by CareQuest Institute for Oral Health.



<https://www.carequest.org/learn/online-learning-center/resource-library/state-oral-health-equity-america-2021>



Oral Health Inequities During COVID-19

Abigail Kelly, MS

Biostatistician, Analytics and Evaluation

10%

of respondents have
had COVID-19

78%

know someone
personally who has
had COVID-19

39%

know someone who
has died from COVID-
19

Life Changes Since the COVID-19 Pandemic Began

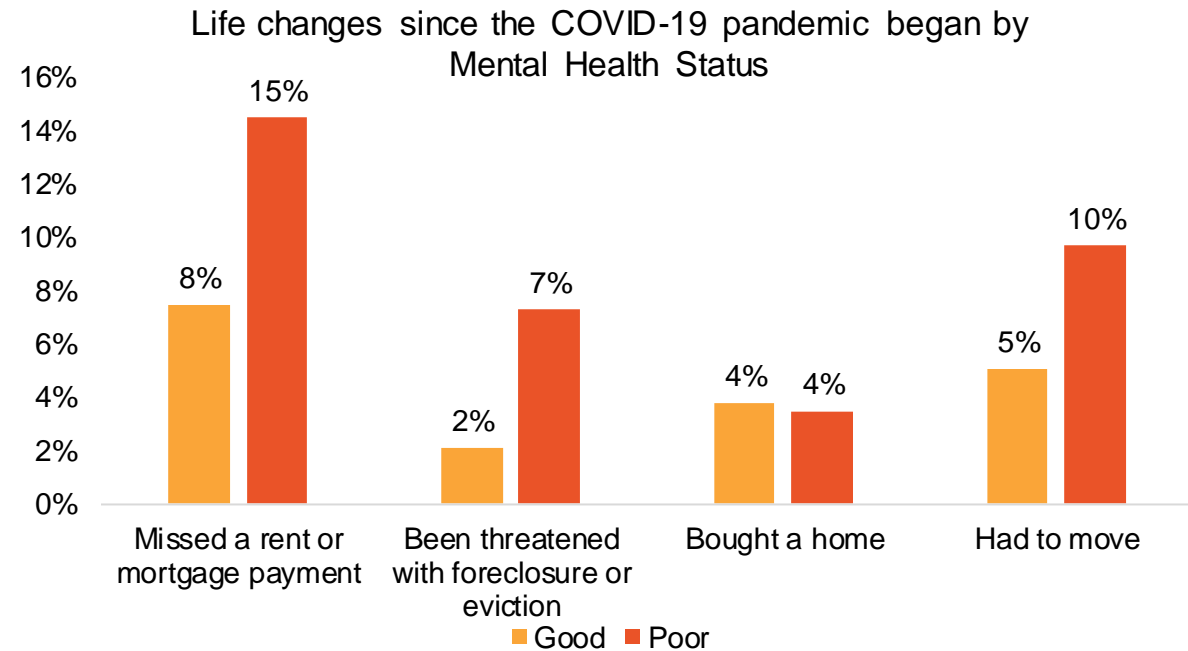
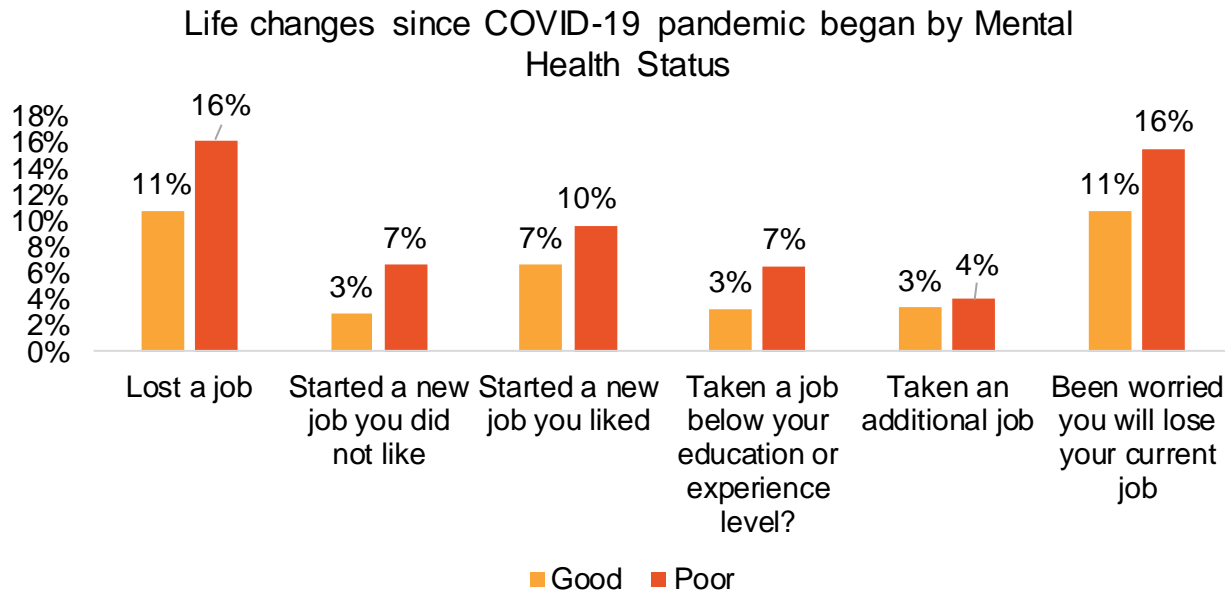
- **12%** lost a job
- **12%** have been worried they will lose their current job
- **4%** have taken a new job below their education level
- **4%** have started a new job they didn't like
- **4%** have taken on an additional job

Life Changes Since the COVID-19 Pandemic Began

- **9%** missed a rent or mortgage payment
- **6%** have had to move
- **4%** bought a home
- **3%** have been threatened with eviction or foreclosure

Mental Health Status and COVID-19 Life Changes

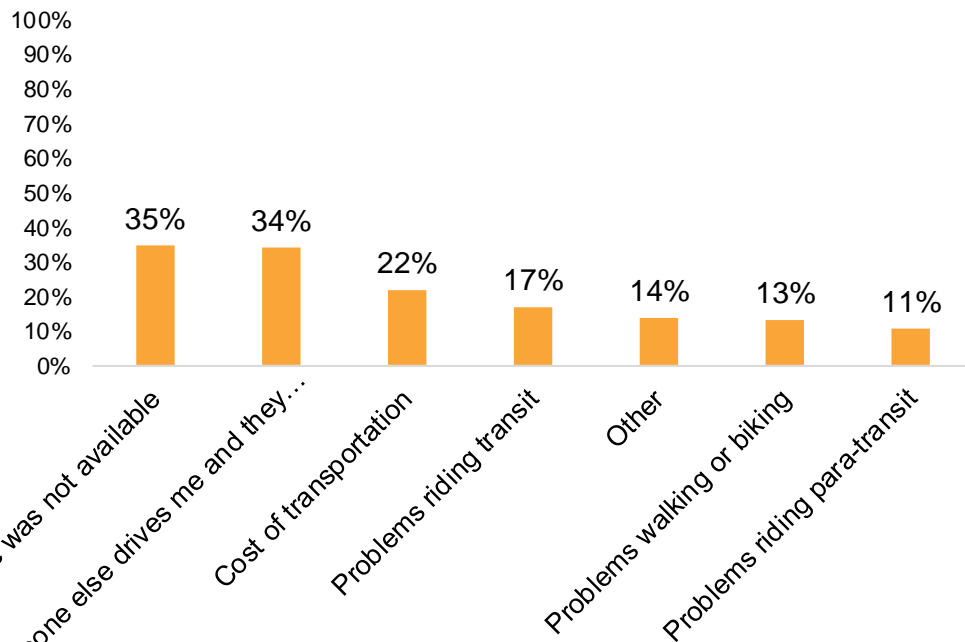
- Those with poor mental health were disproportionately affected by life changes since the COVID-19 pandemic began.



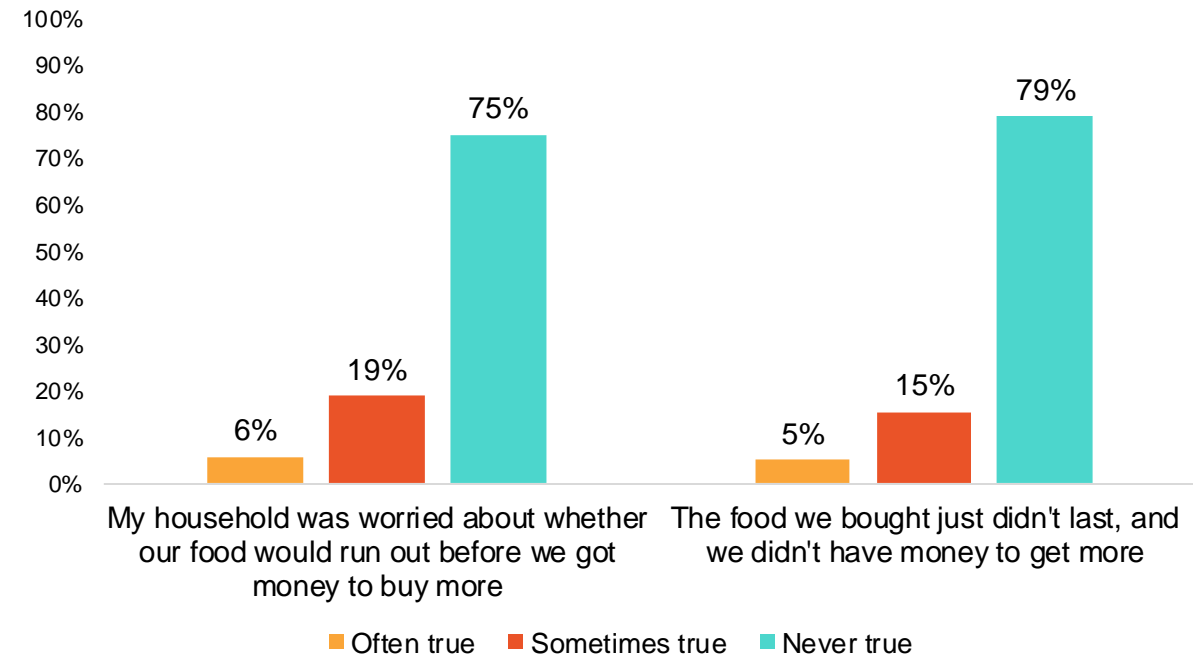
Transportation and Food Security

- **11%** of respondents have delayed care, missed an appointment or have been unable to obtain needed healthcare due to problems with transportation

What was the reason(s) you could not get to the clinic?



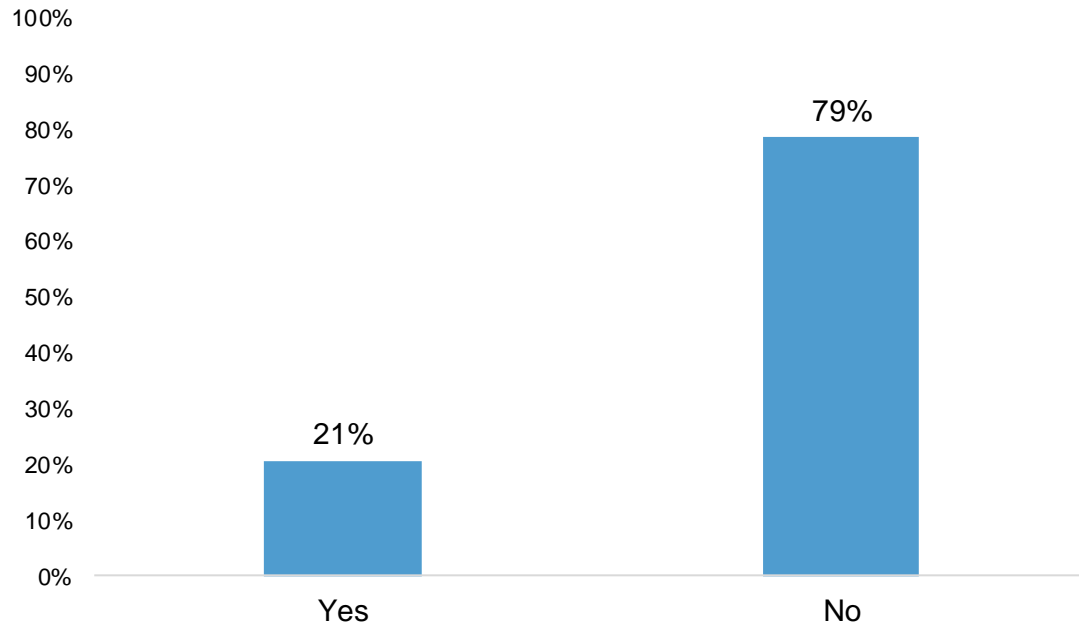
How often in the last 12 months have the following statements been true?



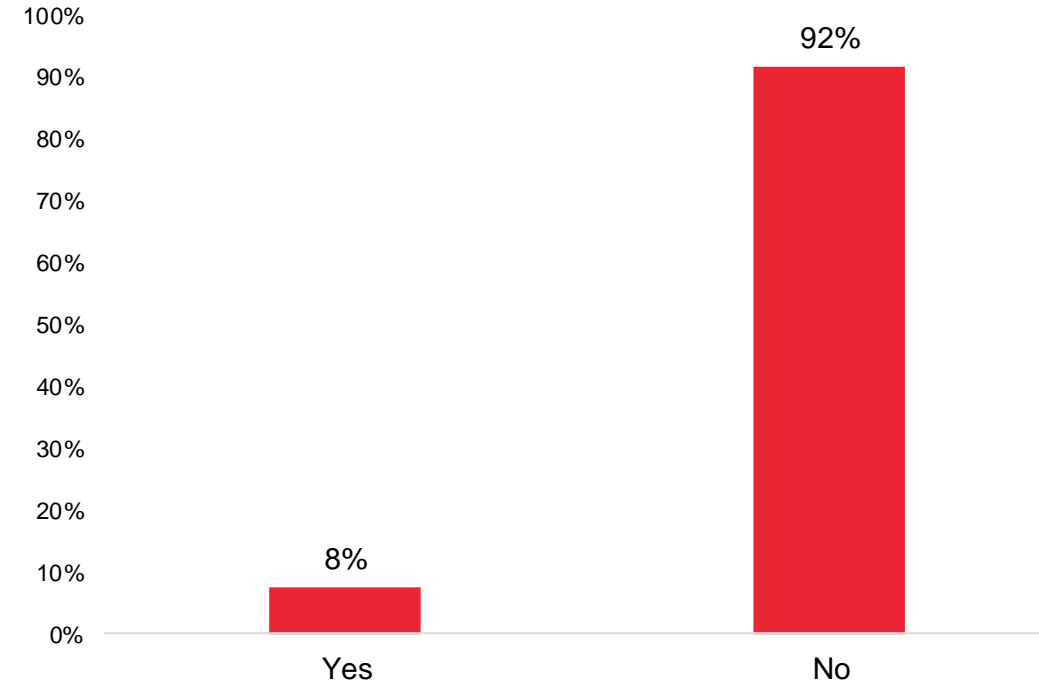
COVID-19 Impacts on Insurance

- **90%** of respondents said they currently **have health insurance**
- **70%** of respondents said they currently **have dental insurance**

Did you recently lose your **health** insurance due to a job loss or change in benefits caused by the COVID-19 pandemic?



Did you recently lose your **dental** insurance due to a job loss or change in benefits caused by the COVID-19 pandemic?

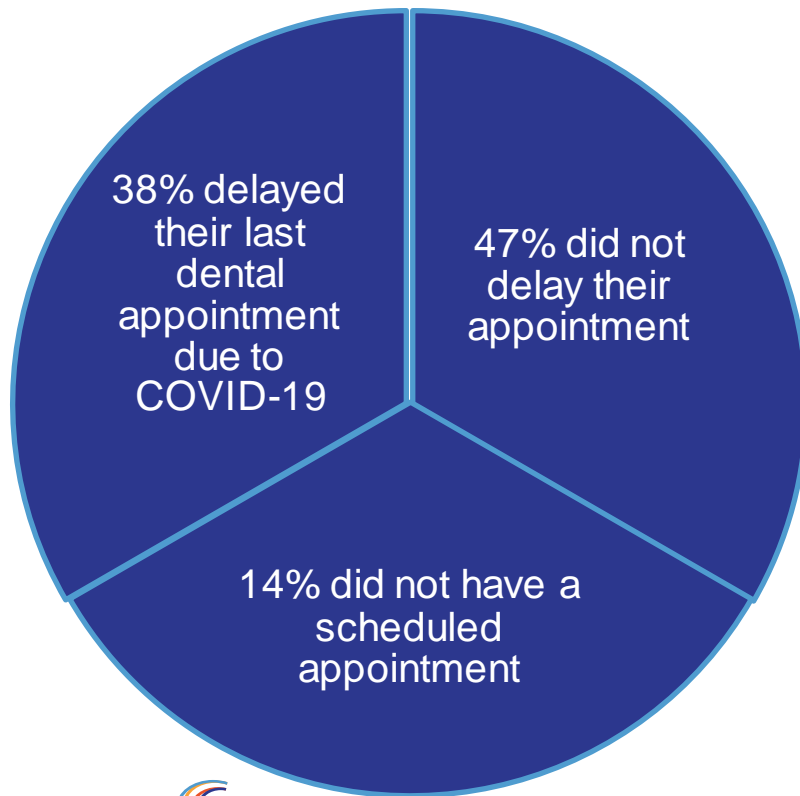


6 million

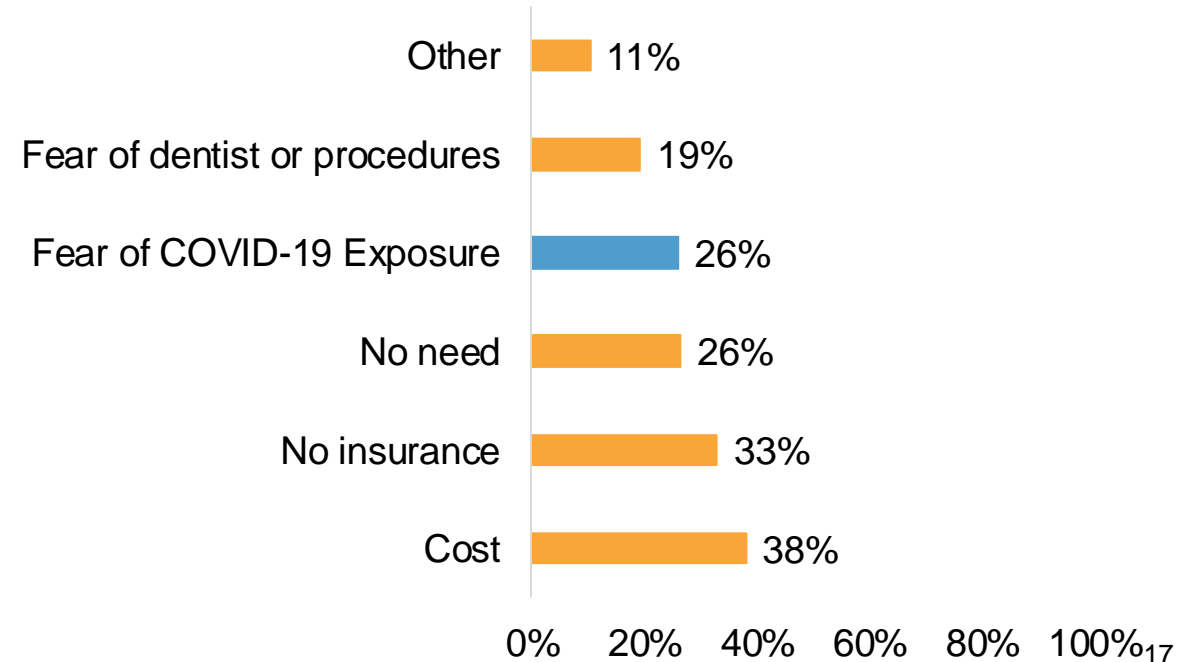
American adults
lost their dental
insurance due to the
COVID-19 pandemic

COVID-19 Impacts on Oral Health Care

- **32%** of respondents were more hesitant to visit their dentist due to COVID-19.
- **58%** said it had no impact on their willingness, and **9%** said they were less hesitant.

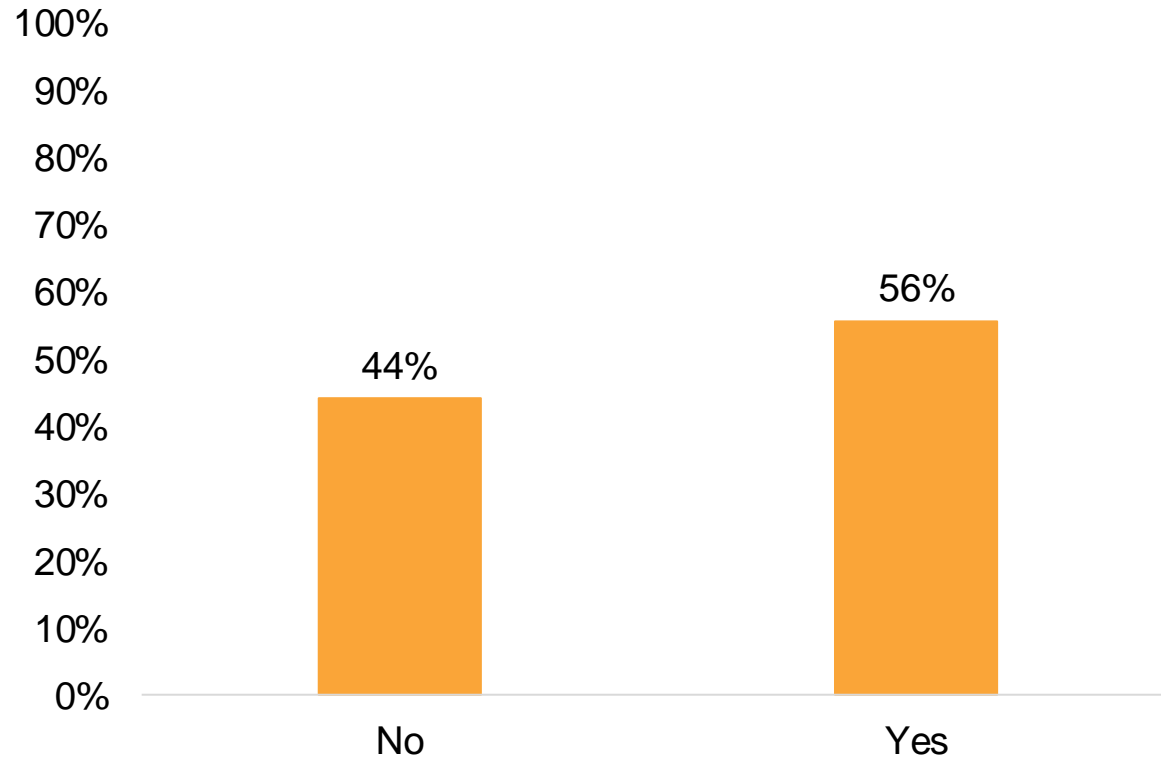


Reasons for not seeing an oral health provider in the next year for routine or preventive care



Unmet Oral Health Needs

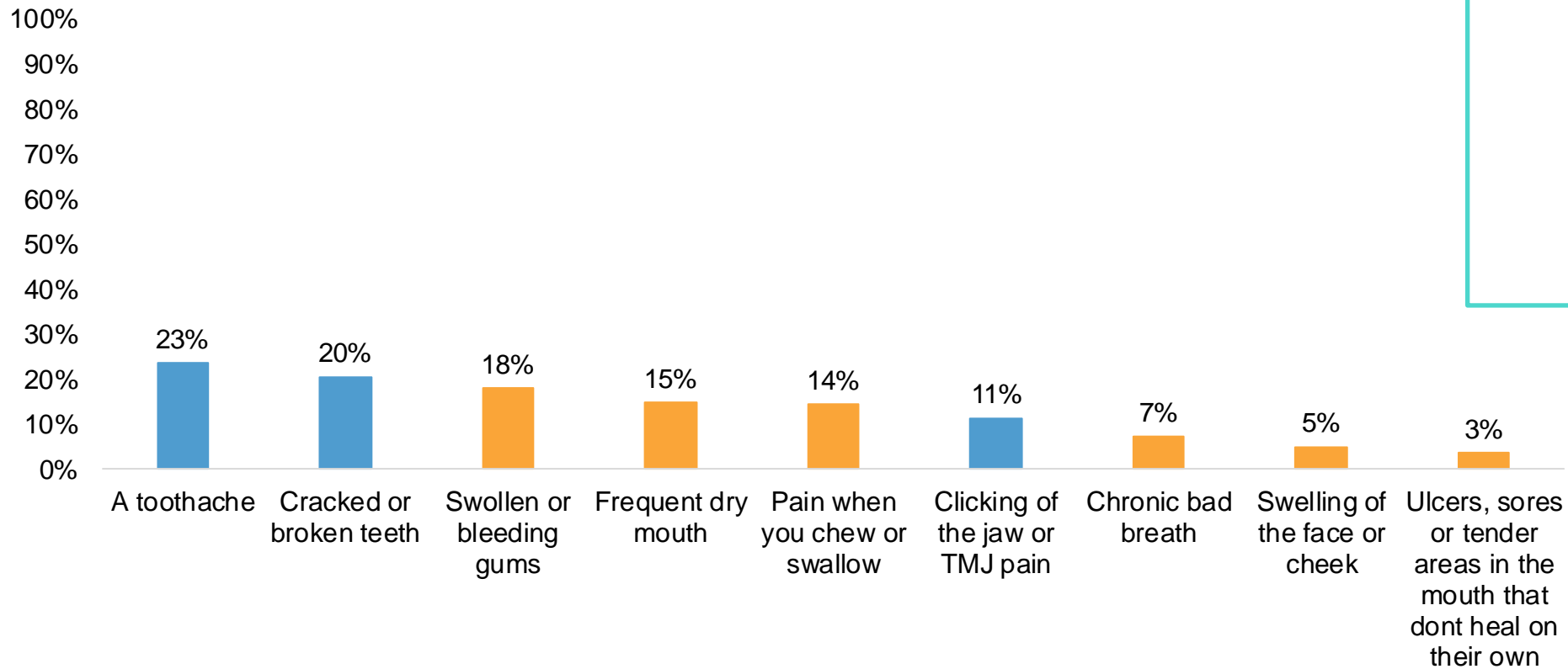
Had an Unmet Oral Health Need in the Last 12 Months



65%
of American adults who lost dental insurance coverage due to COVID-19 have symptoms linked to oral disease

Unmet Oral Health Needs

Unmet Oral Health Needs in the Last 12 Months



35%

of respondents had at least one chronic health condition

68%

of those with at least one such condition reported an unaddressed oral symptom

Opportunities

- **Longstanding barriers to dental care, combined with COVID-19, have created a climate of significant unmet oral health needs.**
- Likely to see more oral disease and other systemic health conditions in the near future

Expand dental coverage



Increase the use of teledentistry



Offer preventive care



Contact Information

Abigail Kelly, MS

Biostatistician, Analytics and Evaluation

CareQuest Institute for Oral Health

akelly@carequest.org



Dentists and Vaccinations

Megan Cloidt, DDS, MPH
June 9, 2021



Dentists and COVID-19 Vaccines

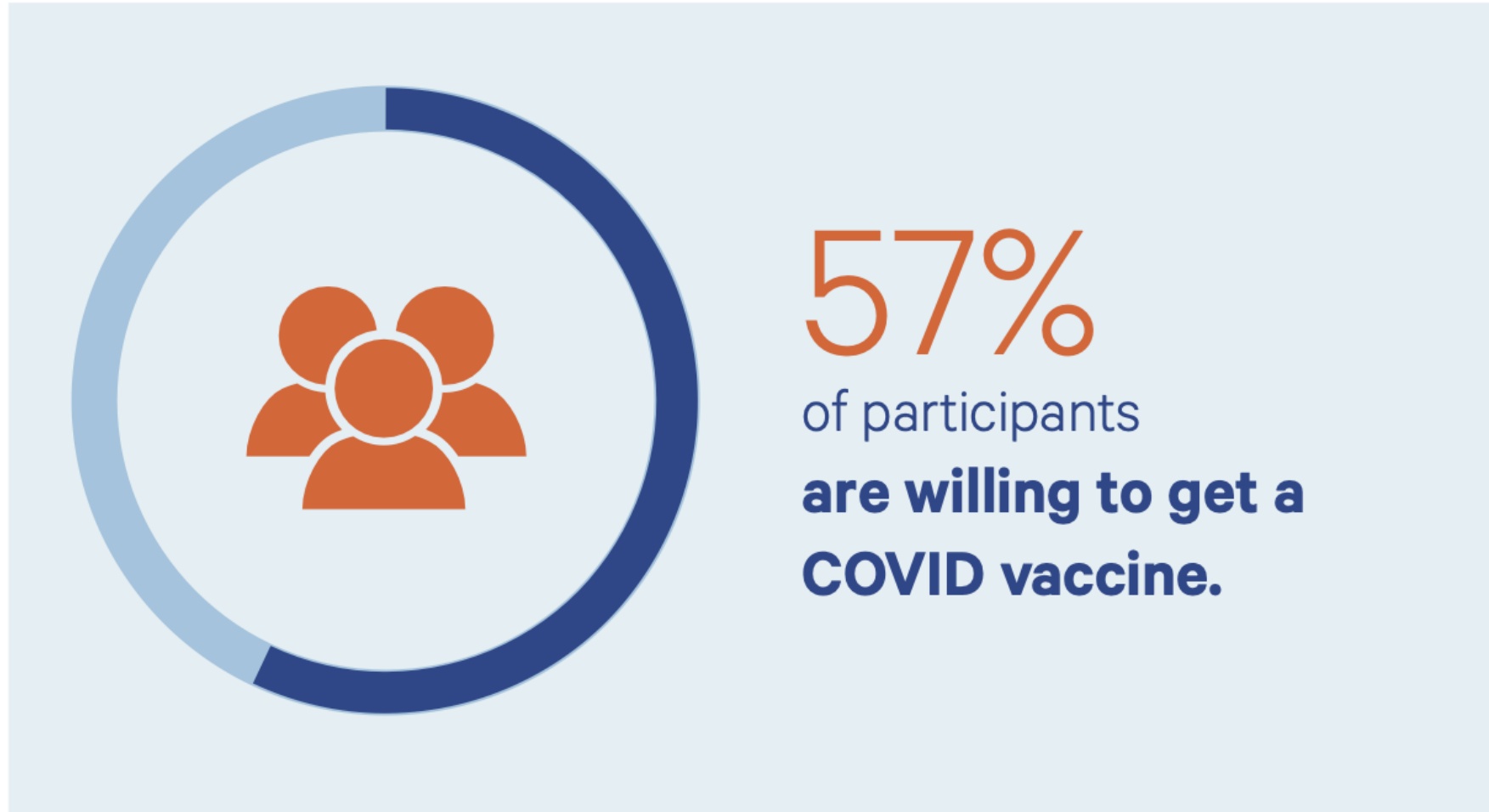
State of Oral Health Equity in America 2021

Research Report #2: *Dentists are an Untapped Resource for Delivering COVID-19 Vaccines*

Key findings:

- A majority of participants willing to get a COVID vaccine were willing to receive it from a dentist.
- Willingness varied by age, gender, race/ethnicity, education, income, and geographical location.

General Willingness to Get a COVID Vaccine





63%
of males report
**willingness to
get the COVID vaccine**
compared to
52% of women.



73% of older adults,
aged 60+ years, report
**willingness to
get the COVID vaccine**
compared to approximately
50% of younger adults.



73% of Asians and
61% of Whites report
**willingness to
receive the vaccine**
compared to
50% of Hispanics and
42% of Blacks.



Education and income also play
a role in vaccine willingness, with
78% of those with a
graduate degree and
73% of those with
>\$100,000 of income reporting
**willingness to
receive the vaccine.**

Willingness to Get a COVID Vaccine from a Dentist



Willingness to Get a COVID Vaccine from a Dentist

	Most Willing	Least Willing
Age (years)	30–44 (64%)	18–29 (56%)
Gender	Males (66%)	Females (53%)
Education	Post graduate degree (72%)	High school graduate (47%)
Race	White (62%)	Black (50%)
Income	\$100,000 or more (68%)	Less than \$30,000 (50%)
Location	Metropolitan (61%)	Non-metropolitan (54%)

Willingness to Get a COVID Vaccine from a Dentist

Were there differences between those willing to receive a vaccine in general versus those willing to receive it from a dentist?

- **Same:** male, White, more educated, of higher income, and living in a metropolitan area
- **Difference:** age, with **younger individuals** (30–59 years) more willing to receive the vaccine from a dentist compared to other age groups

Despite these variations, most groups displayed **at least 50% willingness** to receive the COVID vaccine from a dental provider.

Dentists and HPV Vaccines

Key findings:

- Oral health providers are not commonly recommending the HPV vaccine (4-10%, depending on age group).
- Most consumers felt oral health providers were qualified to educate patients about the HPV vaccine and would feel comfortable discussing the HPV vaccine with their oral health provider.
- 55% of consumers would be likely to consent to an HPV vaccine for their child if a dentist recommended it.

Dentists and HPV Vaccines

Key findings:

- Dentists see a significant population of adolescents and young adults who are unvaccinated for HPV.
 - 73% of all HPV unvaccinated 9-26 year-olds had a dental visit in the last year and 9% had a dental visit but no medical visit.
- The odds of being vaccinated for HPV increased if they had a dental visit in the last year.
- Dental providers may represent a valuable access point for HPV vaccination.

Contact Information

Megan Cloidt, DDS, MPH

Scientific Writer & Communication Consultant,
New York City Health + Hospitals | Jacobi Medical Center

megan.cloidt@gmail.com



New Survey Evidence Suggests Optimism about Teledentistry Experience and Access

Caroline McLeod, RDH, MS
Value-Based Solutions Manager

Patient Utilization

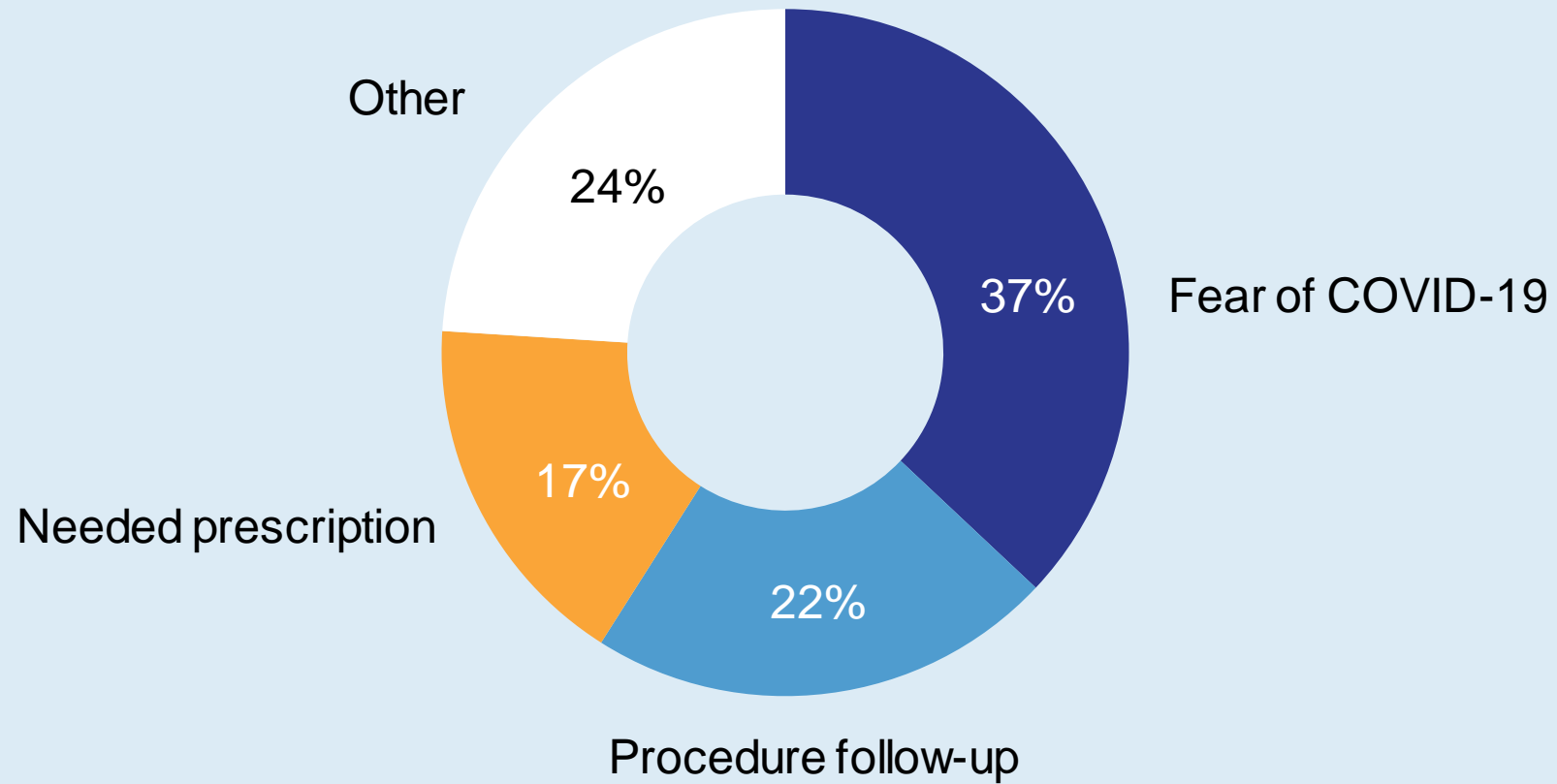
2%

of patients have seen
a dental provider
remotely in the last
year

63%

of respondents were
unaware of whether
their dentist used
teledentistry

Teledentistry Services



Patient Utilization

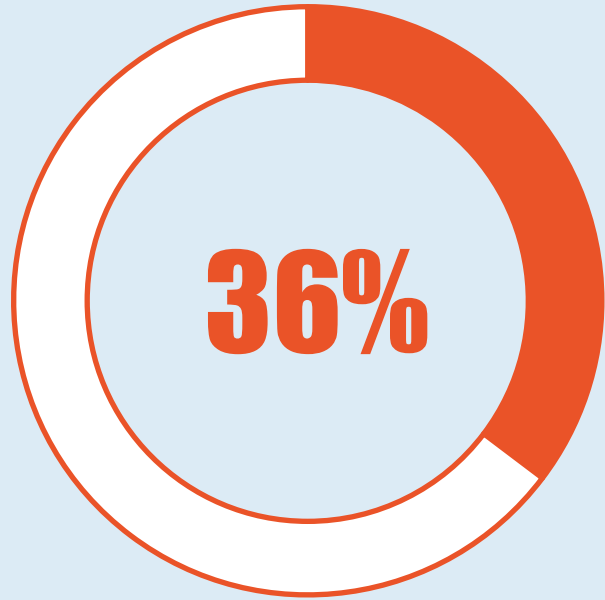
39%

connected with
providers either by
phone

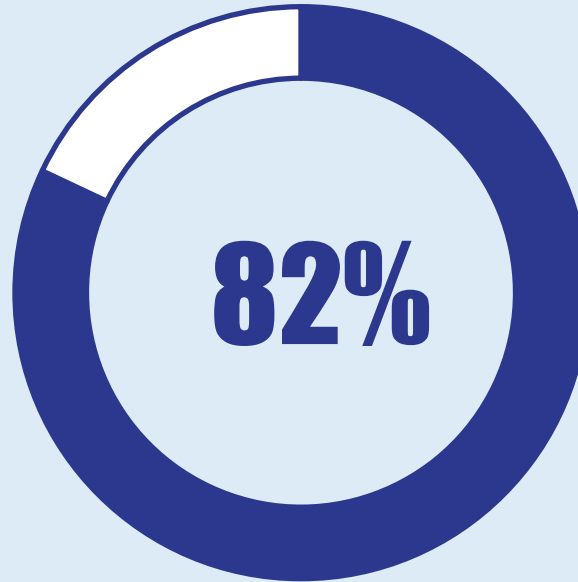
46%

connected with
providers either by
video applications

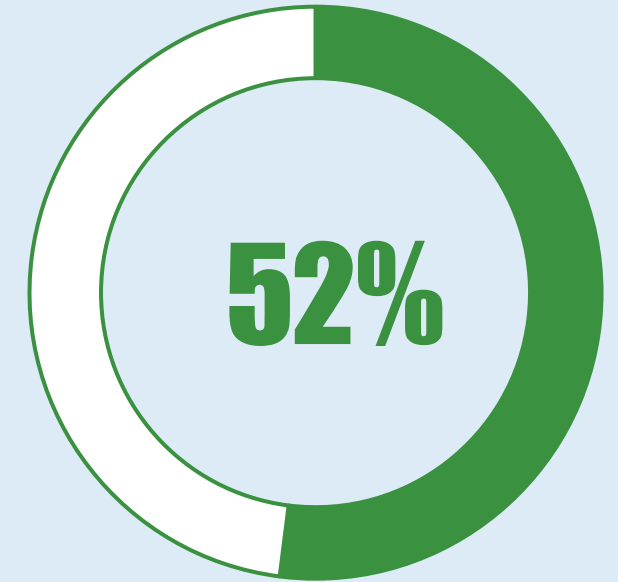
Patient Perceptions



said they were "very likely" to see a dental provider remotely in the future



were satisfied with their experience



did not require an in-person follow-up appointment

25%

of respondents agreed or strongly agreed that teledentistry would provide for their oral health needs



People making less than \$30,000 (33%)



Almost half of Asian individuals (41%)



More than a third of Black individuals (37%)



Almost a third of Hispanic individuals (30%)



Men (41%) more than women (35%)

38%

agreed or strongly agreed that teledentistry would improve access to oral health care



People making less than \$30,000 (42%)



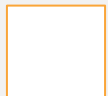
Over half of Asian individuals (60%)



More than 2 in 5 Black individuals (44%)



Almost half of Hispanic individuals (41%)



Men (41%) more than women (35%)

Providers and Teledentistry



75% of dental providers who use telehealth services **expect their telehealth encounter volume to stay the same or increase** during the next 12 months

	See Patients via Telehealth	Not currently utilizing telehealth but plan to
Aug 2020	23%	11%
March 2021	22%	4%

Opportunities for Growth Beyond COVID-19

CLINICAL PRACTICE

Implementing Teledentistry: The Why and the How

By Lorri Detrick

[Read Article](#)

Incorporating Teledentistry for Better Chronic Disease Outcomes

February 18, 2021

f t in p e

[Read Article](#)

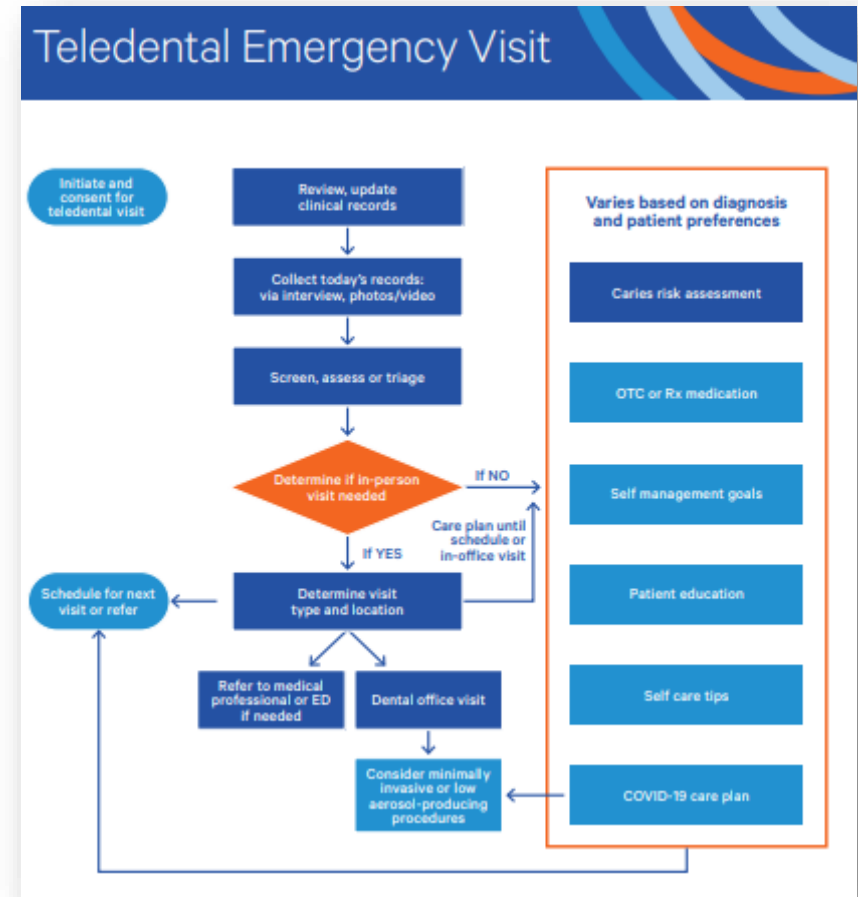
PRACTICE BRIEF

Teledentistry applications for mitigating risk at the clinical schedule

Nathan Suter, DDS 

Green Leaf Dental Care, 7214 Executive Parkway, House Springs, MO, USA

[Read Article](#)



[View Workflow](#)

Contact Information

Caroline McLeod, RDH, MS

Value-Based Solutions Manager

CareQuest Institute for Oral Health

cmcleod@carequest.org



Strategies and Solutions for Redesigning the System

Driving Change Through 5 Areas of Activation

To drive meaningful change, we approach key oral health issues from a variety of perspectives and through a variety of tools.



Community Oral Health Transformation Initiative (COrHT)

1. Align stakeholders and assess the potential of their oral health system
2. Develop consensus on the needed improvement
3. Implement necessary change management utilizing a tested Three Domain Framework
4. Identify and understand best practices for dissemination and spread



Tele-Prevention

Domain One builds an accessible evidence-based virtual care delivery approach to accompany oral health care delivery that applies technology for enhanced disease prevention and whole-person health.



Minimally Invasive Care

Domain Two focuses on minimally invasive care that reverses or slows early disease stages using a program of anticipatory guidance and collaborative decision-making with patients.



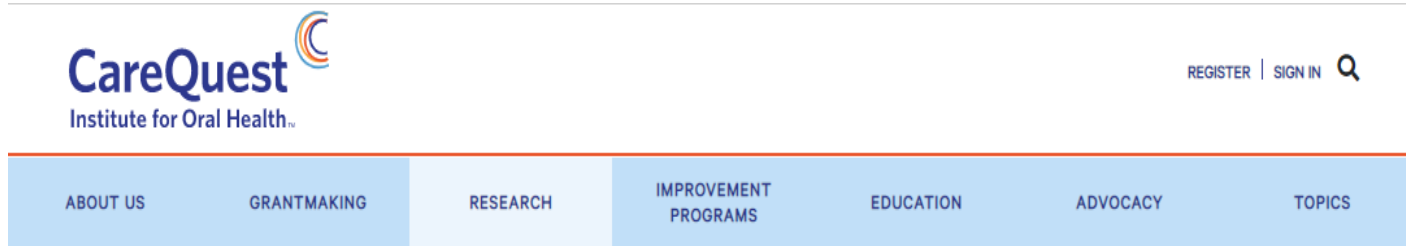
Integrated and Personalized Care

Domain Three introduces personalized oral health care that prolongs the life of hard and soft tissues by reducing tooth/tissue mortality through risk stratification, medical-dental integration, the utilization of predictive analytics and safe, individualized surgical intervention.

Questions

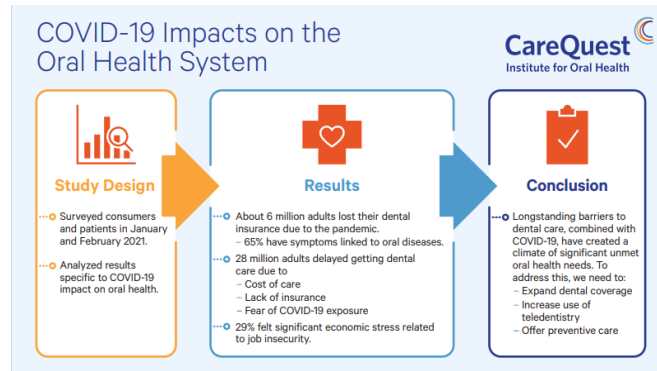
Join us on July 8th for findings on
Access, Outcomes, and Quality
of Care

Where Can I Learn More About the Research Reports?



State of Oral Health Equity in America 2021

The following series of reports was developed from findings from a nationally representative survey of consumer and patient attitudes, experiences, and behaviors on oral health. The survey was designed and commissioned by CareQuest Institute for Oral Health.

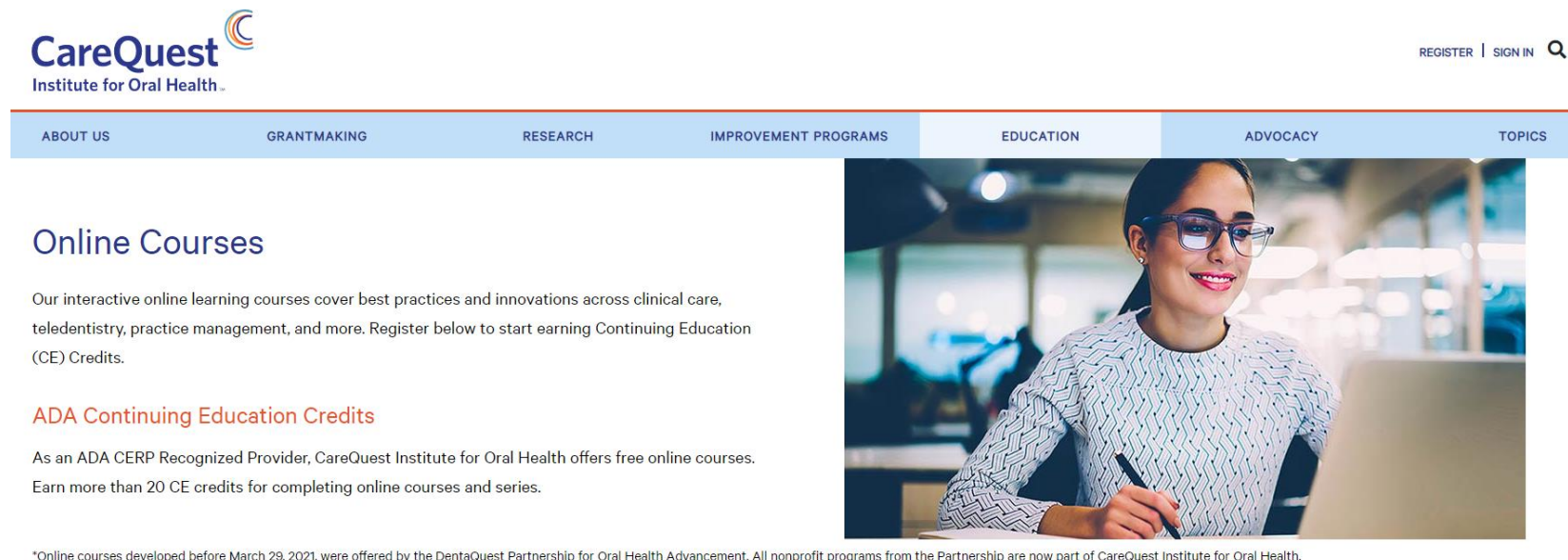


<https://www.carequest.org/learn/online-learning-center/resource-library/state-oral-health-equity-america-2021>



CareQuest Institute Online Learning Center

- Visit our website to access past webinar recordings and earn CE credits upon completion of the online learning modules. We also have a wealth of other online learning modules and various resources available to you.
- Sign up for our newsletter to get more information on upcoming webinars.
- <https://www.carequest.org/education/online-courses>



The screenshot shows the CareQuest Institute for Oral Health website. At the top left is the logo with the text "CareQuest Institute for Oral Health". At the top right are links for "REGISTER | SIGN IN" and a search icon. A navigation bar below the logo contains links for "ABOUT US", "GRANTMAKING", "RESEARCH", "IMPROVEMENT PROGRAMS", "EDUCATION", "ADVOCACY", and "TOPICS". The "EDUCATION" link is highlighted. The main content area features the heading "Online Courses" followed by a paragraph: "Our interactive online learning courses cover best practices and innovations across clinical care, teledentistry, practice management, and more. Register below to start earning Continuing Education (CE) Credits." Below this is a sub-heading "ADA Continuing Education Credits" and another paragraph: "As an ADA CERP Recognized Provider, CareQuest Institute for Oral Health offers free online courses. Earn more than 20 CE credits for completing online courses and series." To the right of the text is a photograph of a woman with glasses and a patterned sweater sitting at a desk with a laptop, smiling. At the bottom of the page, there is a small disclaimer: "*Online courses developed before March 29, 2021, were offered by the DentaQuest Partnership for Oral Health Advancement. All nonprofit programs from the Partnership are now part of CareQuest Institute for Oral Health."

Webinar Evaluation

<https://www.carequest.org/node/224764>

Must complete by **June 18 in order to receive CE credit*

Upcoming Webinars:

- **Explore Consumer Perspectives on Access, Outcomes, & Quality of Care**
- **Thursday, July 8 at 1 PM ET**

Sign up to receive our newsletter to get more information on future webinars!

SIGN UP FOR NEWS AND UPDATES

Email*

For information on our privacy practices and commitment to protecting your privacy, please review our Privacy Policy. You may unsubscribe from these communications at any time.

Sign Up

Stay Connected!

Follow us on social media and let's get connected!



[carequest-institute](https://www.linkedin.com/company/carequest-institute)



[@CareQuestInstitute](https://www.instagram.com/CareQuestInstitute)



[CareQuestInstitute](https://www.facebook.com/CareQuestInstitute)



[@CareQuestInst](https://www.twitter.com/@CareQuestInst)

CareQuest 
Institute for Oral Health™