



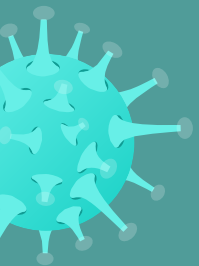
# COVID-19 VS Dental Industry

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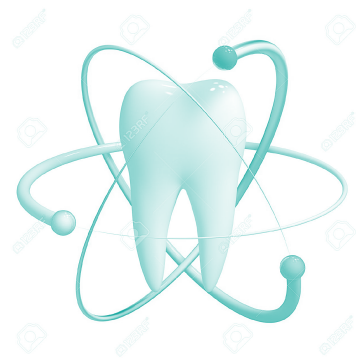
*Block: PTS*

*Date: 7/3/2022*



# Objectives:

- *Demonstrate the Dental Industry*
- *Discuss the Dental Industry before and after COVID-19*
- *Review the impact of COVID-19 on Dental Education*
- *PPE Cost*

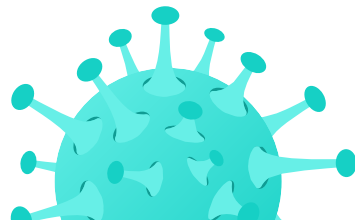
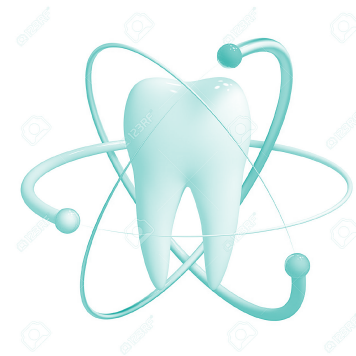
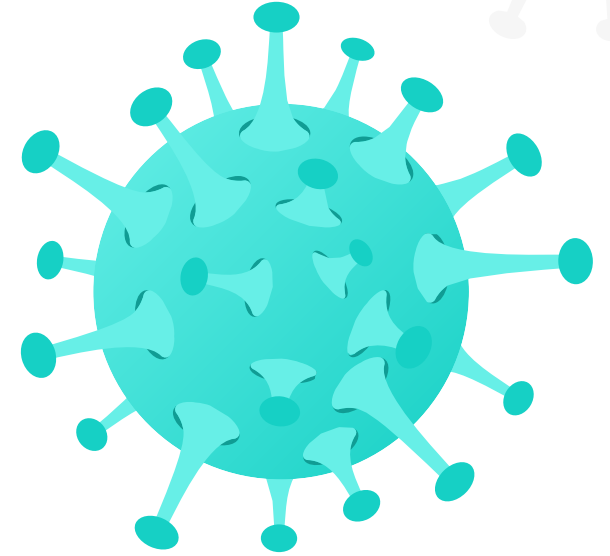


# Industry



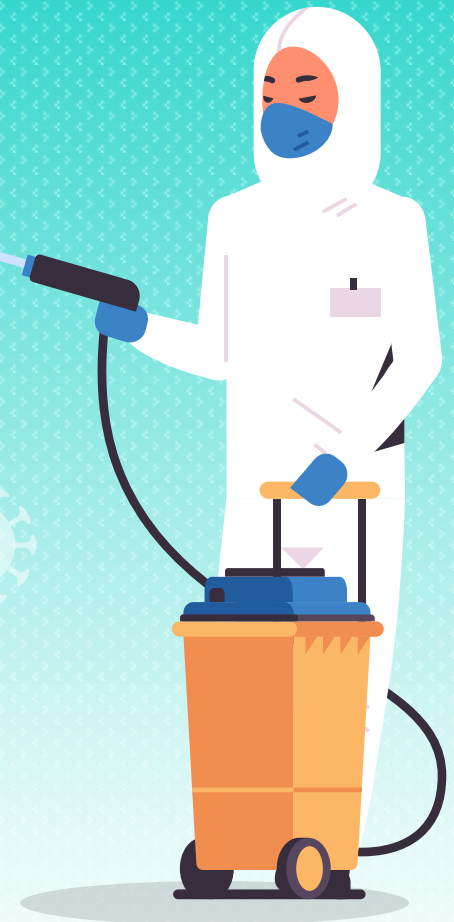
The dental industry includes a health degree of either being a Doctor of Dental Medicine (DMD), Doctor of Dental Surgery (DDS) or a Doctor of Dental Science (DDSc).

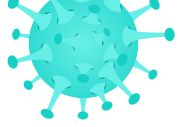
The industry operators are mainly engaged in the independent practice of general or specialized dentistry or dental surgery. These professionals operate private or group practices in their own offices (e.g. clinics) or in other facilities, such as hospitals or medical centers.



# Effects of COVID-19

ON THE DENTAL  
INDUSTRY





# Impact on the Dental Industry



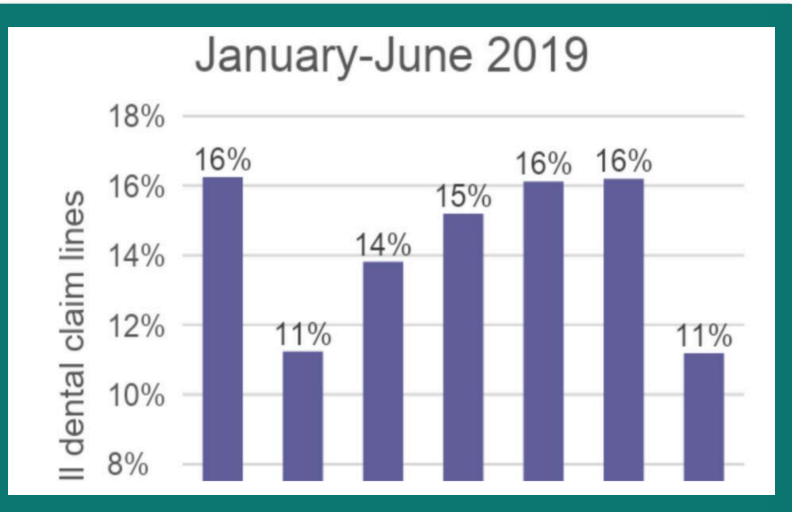
## United States

Graphics on the effects of the health care system specifically the dental industry.

## Monthly Percent Change in Utilization of Dental Services From 2019 to 2020, Nationally



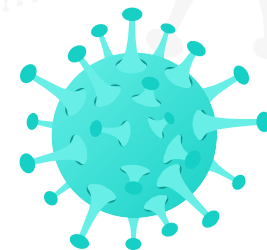
## January-June 2019



Dental Services by Age, January-June 2019 compared to January-June 2020, Nationally



The **COVID-19** pandemic has had a profound impact on the health care system, including the dental industry. In March and April, when the pandemic first became rampant in the United States, many dental practices closed except for emergencies.



01

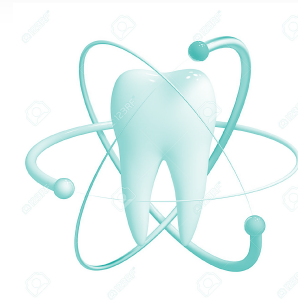
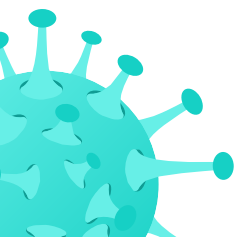
Use of dental services  
fell **75%** in March  
2020.

02

**79% in April 2020**

03

In June 2020, there was a  
**1% increase in utilization**  
compared to June 2019.



# Normalized... COVID-19

After dental practices began reopening, changes were noticeable.

As approximately 52% were open but had “lower patient volume than usual”. Also, COVID-19 precautions were taken extremely seriously.



01

**Wear Mask**

02

**Wash Hand**

03

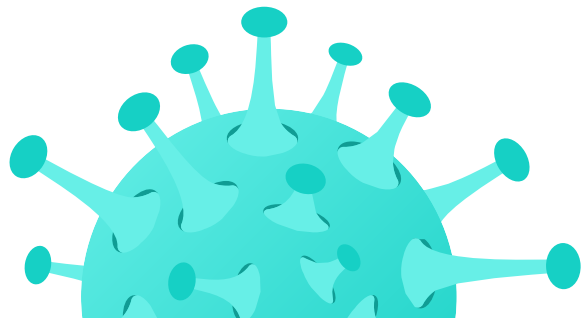
**Use Nose-rag**

# Dental Education & COVID-19



Most dental services can be delivered only through close contact with patients.

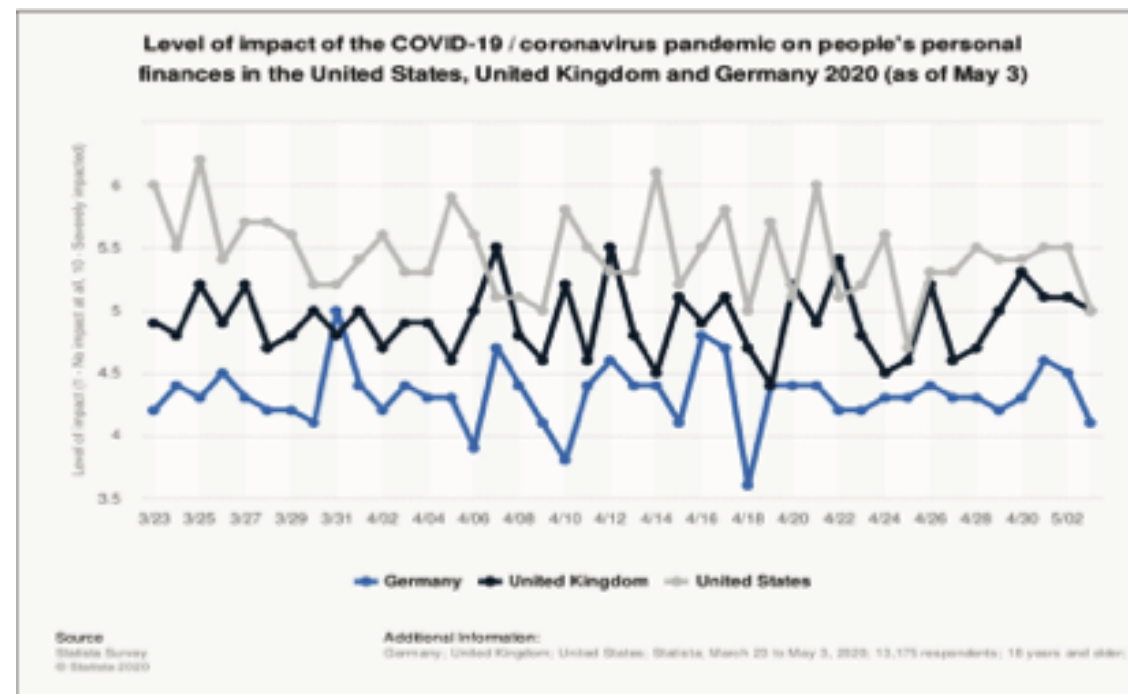
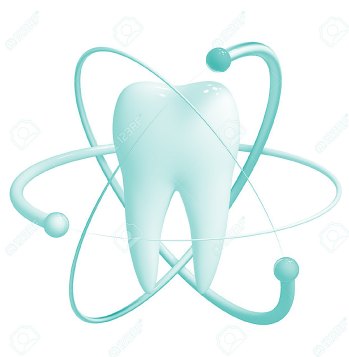
Since it is not possible for the patients to wear a mask during a dental treatment, dentistry has been affected wildly by the pandemic.



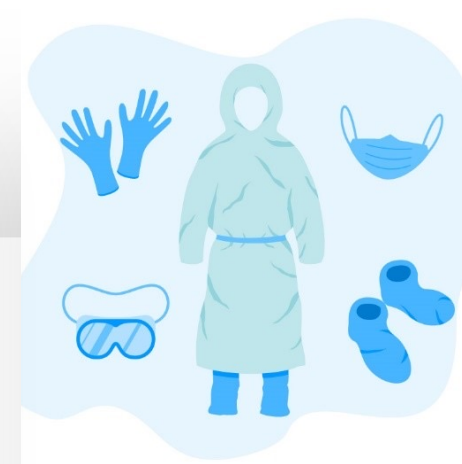
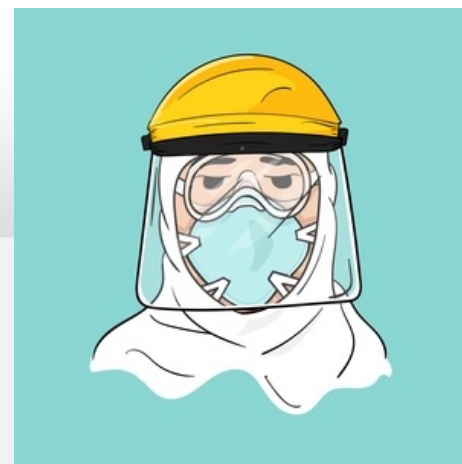


The most popular change in the education is the restriction of education becoming virtual teaching and learning.

This also made students who had student loans struggle financially. This increased the drop-off ratio in dental schools.



**Level of the impact of COVID-19 among personal finances of people living in the USA, UK, and Germany**



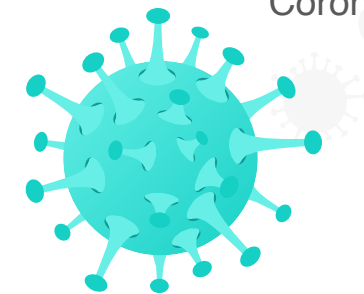
# PPE

## Personal Protective Equipment

PPE is worn to protect the user against health or safety risks at work. It includes items such as safety helmets, gloves, eye protect, high visibility clothing and safety footwear.

# PPE Prices

## Before and After COVID-19



### Demand for PPE rocketed

As the COVID-19 outbreak was the rapid increase in demand by the healthcare system and the general public.

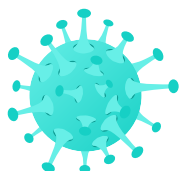
Percentage of businesses within an industry who have identified these products as essential	Hand sanitizer	Disinfectant	Nitrile gloves	Disinfectant wipes	Surgical masks
Manufacturing	92%	80%	71%	64%	50%
Retail Trade	98%	79%	61%	72%	54%
Health care and social assistance (Private health care only)*	96%	92%	84%	86%	87%
Accommodation and food services	94%	84%	67%	56%	51%
All industries surveyed	92%	77%	57%	68%	59%

### Quality of PPE

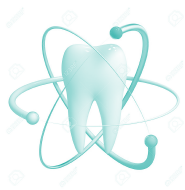
Also due to the difficulty of providing such big amounts... many were cheap and poor quality.

### Shortage of PPE

Due to the sudden high demand of PPE by people, there was a difficulty of providing such big amounts.



*In **conclusion**, The dental industry throughout the COVID-19 pandemic suffered and had multiple losses from many aspects, but thankfully it's starting to recover...*



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