## **IMPACT OF COVID-19 ON DEMAND FOR PPE IN THE HEALTHCARE INDUSTRY**

Growth Opportunities in an Era of Change



## DISRUPTION OF THE PPE INDUSTRY VALUE CHAIN COVID-19 is impacting the availability of PPE for the healthcare industry value chain in various ways.

Some of these changes are short-term and while some are transformative **SHORT-TERM AND DIRECT LONG-TERM AND TRANSFORMATIVE** 

### Responses that aim to cater to the current crisis and enhance

availability of PPE for the healthcare industry. Some examples below Major PPE players are ramping up local production to

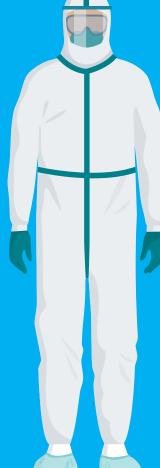
- try and meet the growing demand Export controls on masks. goggles, gloves and other PPE
- brought about by several Asian countries, particularly China are gradually easing but the demand is overwhelming and capacities are falling short Government agencies relaxing controls to ease supply
- challenges

delivering care for COVID-19 patients

PPE resources.

pandemic ends.

short run.



## The drivers for transformation are

pandemic could enhance the speed of change. Some examples below Strategic stockpile of critical PPE supplies will grow multifold to address any such

very strong and current COVID

- eventualities in the future, ensuring steady demand in the next 18-24 months Distribution strategies for the healthcare industry may witness
- changes Growth of industrial PPE companies catering to healthcare PPE and vice versa
- Substantial growth in indigenous manufacturing capacities to reduce
- dependence on imports Growth of new entrants, M&A activities
- COVID-19 IMPACT ON DEMAND FOR HEALTHCARE PPE

#### N95s **SURGICAL MASKS**

Disproportionately high COVID-19 Disproportionately high COVID-19 patient volumes putting strain on patient volumes putting strain on scarce

Overall PPE for Healthcare Industry to experience HIGH growth in demand, being at the forefront of

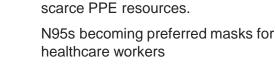


Higher usage of surgical/procedural

masks by all workers around COVID

Demand expected to be high even after

patients driving demand.



**Emergency Use Authorizations** (EUA) to help ease supply shortages by allowing industrial use N95s for

healthcare applications



**EXAMINATION GLOVES** 

High patient volume creating huge

demand for examination gloves.



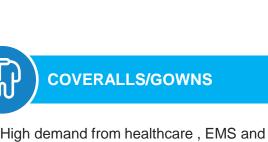
-100 +100

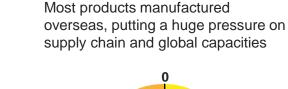
Once COVID threat passes, the demand

will rise to original levels and beyond.



Lab workers during transportation, care,







Critical product for transmission

containment from droplets due to

cough/sneeze by COVID patients

**GOGGLES/FACE SHIELDS** 



-100 +100





-100

+100



2021-22

200

#### Although manufacturers are scrambling to scale up their production capacities in Europe and North Americas, they are realizing that this is not an easy task. Main reason is that their production is outsourced to Asian countries to the extent of between 60% and 70%. In the initial

in disruption in the supply chain for other countries.

2019

100

not been able to meet this demand.

**Face Masks** 

FDA has waived some requirements through Emergency Use Authorization (EUA) to allow use of NIOSH approved products in an effort to increase availability of critical PPE for healthcare workers **DEMAND GROWTH INDEX** 

The current Global COVID-19 outbreak has created an unprecedented demand for healthcare

stage, COVID-19 outbreak in China created a huge demand for PPE in the local market resulting

With the spread of COVID-19 the global demand has skyrocketed and the supply chain has just

Most in demand products are face masks, coveralls, gowns, and gloves. Companies like 3M, Ansell, DuPont, Honeywell Safety Products, Kimberly-Clarke Corporation, Lakeland, Moldex-Metric, and others are rising to the occasion and making huge efforts to meet this demand

PPE products such as face masks, gloves, coveralls, gowns, goggles, and face shields.

100 165 **200** 

2020

150



"FDA cleared or approved reusable cloth gowns can be used. Adequate laundering can reduce the

great risk, Some doctors are forced to wear the same face mask for 12 hours."

"Even in high-level European hospitals, we see health workers are overwhelmed, coping with up to 80 ambulances per day, with **dramatic shortages of protective equipment** that puts them at

level of pathogen contamination to a negligible level and lower the overall risk of disease. The gown should be used at the barrier protection level indicated in the labeling. Coated or laminated fabrics should be checked to ensure they retain resistance to liquid and microbial penetration following

HOW CAN OUR TEAM HELP YOU? We will help you nurture your client relationships

with improved virtual outreach programs via

focused brand and demand solutions

We will bring clarity to your prior market

assessments and ensure business plan continuity

Claudia Lodesani, MD, MSF president in Italy

# FDA Guideline on re-use of disposable protective clothing – 12th March 2020

**Keep You Connected** 

to Your Customers

decontamination, cleaning and/or sterilization."



**Focus on Emerging Growth Opportunities** 

We will power your focus on growth through turbulent times, identifying the Growth Opportunities that will emerge

bring confidence

WHO Director- General, Tedros Adhanom Ghebreyesusthe, 27th March 2020



**Growth Strategies** 

**Best Practices** 

We will work together to reduce risk, focus on positive outcomes and achieve a growth trajectory

We will bring our 60 years of best practices

navigating through crisis periods to stabilize and

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