WHITE HOUSE
COVID-19
SUPPLY CHAIN TASK FORCE
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Introduction:
The demand estimates are at the high end of expectations to ensure medical workers, first responders, etc. do not go without necessary PPE during a future pandemic or Natural disasters.

Included:

- “Our high end demand estimates” informed by:
  - Interagency analyses
  - Industry estimates
  - Historical demand data from industry and best available data from six major U.S. medical-surgical distributors
  - Historical manufacturing data
  - Exclusive of SNS needs
  - Steadily declining COVID hospitalization rates should reduce daily hospital PPE usage, but demand through summer may remain constant as hospitals and states replenish stockpiles, and to meet reopening requirements.

- “Estimated monthly production” informed by:
  - For N95 respirators: actual figures from 3M, Owens and Minor, Honeywell, Moldex, and Prestige Ameritech
  - For surgical masks, gloves, face shields, gowns: estimates calculated from the actuals and reported production percentages
  - Estimated overseas production are produced overseas and distributed domestically to satisfy requirements
  - Non- traditional suppliers estimated impact on production
  - Battelle decontamination methods can lengthen the useful life of a N95 mask
  - Historical manufacturing data

- “Delivered- provided by Big 6” informed by:
  - Best available distribution data of six major U.S. medical-surgical distributors
    - Big 6 Distributors makes up 90% of the U.S. medical-surgical distributors
  - Delivered – provided by Big 6” includes Air Bridge, other FEMA procurements, and the recent nursing home deliveries
  - Also accounted for in addition to deliveries:
    - Non- traditional suppliers for face shields
    - Boeing, Ford, Universities, etc.
    - Reusable gowns estimated shipments
Not included in delivered data:

- Procurements by states
- Commercial donations
- Distribution data of other medical-surgical distributors
- Direct shipments from manufacturers
December thru March deliveries includes non-medical
March (delivered) includes SNS push of 12M
April (delivered) includes 20M DoD donated masks
Battelle decontamination methods can lengthen the useful life of a N95 mask
Projected production capacity of Battelle System
Does not include commercial donations or state bought PPE
June, July, and August includes estimated 55M N95s per month from 3M China
March, April, May demand shortages were mitigated through state buys and donations, but the Task Force did not have reliable data on these alternative methods

Estimated Domestic Production growth to 180M Winter 2020

• Approx. percentages
1. Hospitals
2. Long-term Care
3. First Responders
4. Other (Ex: Non-healthcare: janitorial services laboratories, correctional facilities)
March (delivered) includes SNS push of 4.5M
June: estimated demand subject to fluctuation
The demand for gowns outpaces current US manufacturing capabilities.
May, June and July may be reduced as reusable gowns enter and are accepted by medical community

Approx. percentages
1. Hospitals
2. Long-term Care
3. First Responders
4. Other (Ex: Non-healthcare: janitorial services laboratories, correctional facilities)
Surgical Masks

- March (delivered) includes SNS push of 27M
- June: estimated demand subject to fluctuation
- The demand for surgical masks outpaced current US manufacturing capabilities pre-COVID.
- Month-over-month changes in demand can be attributed to the use of other face coverings

Approx. percentages
1. Hospitals
2. Long-term Care
3. First Responders
4. Other (Ex: Non-healthcare: janitorial services, laboratories, correctional facilities)
Nitrile Gloves

December thru February estimated demand is based on the best available data from the distributors; data was used to baseline assumption for pre-COVID demand.

- March (delivered) includes SNS push of 23M
- April (delivered) slightly lower due to challenges in overseas manufacturing
- June: estimated demand subject to fluctuation
- There is no U.S. based manufacturing for Nitrile Gloves.

Approx. percentages
1. Hospitals
2. Long-term Care
3. First Responders
4. Other (Ex: Non-healthcare: janitorial services, laboratories, correctional facilities)
December thru February actual deliveries, March (delivered) includes SNS push of 5.4M

- June: estimated demand subject to fluctuation
- Non-traditional suppliers like Ford, Boeing, Universities etc.
- Month-over month changes in demand can be attributed to the use of other face coverings
- Ease of manufacturing from non-traditional suppliers expected to increased supply inside the United States

Approx. percentages
1. Hospitals
2. Long-term Care
3. First Responders
4. Other (Ex: Non-healthcare: janitorial services, laboratories, correctional facilities)