

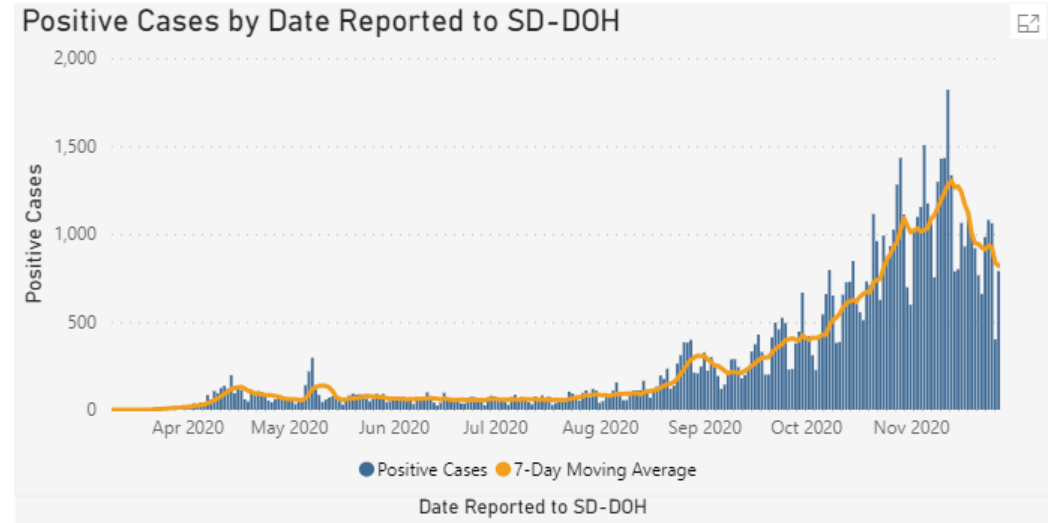


SOUTH DAKOTA  
DEPARTMENT OF HEALTH

# COVID.SD.GOV

Data as of 11-30-2020

New Confirmed Cases	New Probable Cases	Active Cases	Recovered Cases	Currently Hospitalized
700	101	16,930	62,027	544
Total Confirmed Cases	Total Probable Cases	RT-PCR Test Positivity Rate, Last 1 Day	Total Persons Tested	Total Tests
74,518	5,382	11.2%	327,744	607,007
Ever Hospitalized	Deaths	% Progress (September Goal: 44,233 Tests)	% Progress (October Goal: 44,233 Tests)	% Progress (November Goal: 44,233 Tests)
4,468	943	219%	327%	379%



# First Responder Vaccination Plan

<https://doh.sd.gov/news/COVID19/Calls.aspx#EMS>

## CleanSpace HALO Project

106 Requests shipped as of 11/20/2020



### CLEANSPACE HALO

A major innovation in Personal Respiratory Protection for Healthcare.

Designed by biomedical engineers. A lightweight compact powered respirator. Minimal parts. Ergonomic with no cables, hoses or helmets.

- Lightweight (350g/1 lb) and compact
- High protection for biohazards (APF 50 & 1000)
- No hoses or belt mounted battery packs
- Reliable, fast cleaning and disinfection
- CE Mark approved

Lance Iversen


Phone: 605-394-6027

Email: [Lance.Iversen@state.sd.us](mailto:Lance.Iversen@state.sd.us)

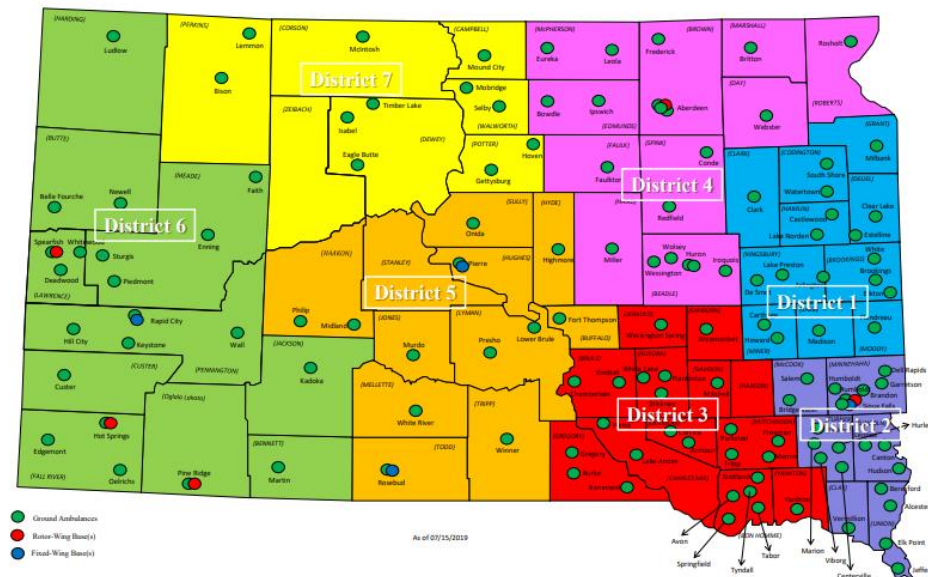
# EMS Preparedness

## PPE Requests:

Julie Smithson—Primary contact [Julie.Smithson@state.sd.us](mailto:Julie.Smithson@state.sd.us)

- Email: [COVIDResourceRequests@state.sd.us](mailto:COVIDResourceRequests@state.sd.us)
  - Fax: 605.773.5942
  - Phone: 605-773-3048
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## Sentinel COVID-19 Testing for First Responders




# SD Emergency Medical Services Health

## Professionalism during a pandemic

- Temperature Checks
  - For on call staff; if symptomatic, contact your PCP
- Masking on every call
- Protect yourself and your patients as if they have COVID-19

## Workforce Health:

- [Handling COVID-19 Anxiety and Stress](#)
  - [SD 211 Call Center](#) and SDML work
  - [Self Isolation Guidance](#) (for self and family)
- 

# Infection Control in EMS

Kipp Stahl, BSN, RN

[Kipp.stahl@state.sd.us](mailto:Kipp.stahl@state.sd.us)

Healthcare-Associated Infections & AR Program Coordinator

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-for-ems.html>





The following question on HCP exposed to a COVID-19 case at home has been added to the [COVID Healthcare IPC FAQ webpage](#):

If healthcare personnel (HCP) are living with someone who has been diagnosed with SARS-CoV-2 infection, should they be excluded from work? If so, for how long?

Yes. **HCP** who have any kind of [exposure](#) for which [home quarantine](#) is recommended should be excluded from work:

- If **HCP** are able to quarantine away from the infected individual living with them, they should quarantine at home and not come into work for 14 days following their last exposure to the infected individual.
- If **HCP** are **not** able to quarantine away from the infected individual living with them and have ongoing unprotected exposure throughout the duration of the individual's illness, they should remain in home quarantine and be excluded from work until 14 days **after** the infected individual meets [criteria for discontinuation of home isolation](#).
- If **HCP** develop SARS-CoV-2 infection while they are in quarantine, they should be excluded from work until they meet all [return to work criteria](#) for **HCP** with SARS-CoV-2 infection.


Home quarantine and work exclusion of asymptomatic exposed **HCP** who have recovered from SARS-CoV-2 infection in the prior 3 months might not be necessary. Additional information about this scenario is available [here](#).”

Update to the [Public Health Guidance for Community-Related Exposure](#) on precautions HCP should take when in the community setting: (Nov. 16<sup>th</sup>)

HCPs who are [excluded from work due to an exposure](#) should stay away from others in the community setting per this community guidance.

While some HCPs might [continue to work in the healthcare setting](#) after an exposure, these individuals should **stay away from others when in the community setting per this community guidance.**

*\* While this is clarified on the CDC website, SD DOH has always encouraged this practice when facilities are allowing their HCPs (if they are recommended to be on quarantine due to an exposure) to work.*



## Strategies for Optimizing the Supply of N95 Respirators

Specifically KN-95 use  
Crisis Capacity Strategies (during known shortages)

..... they are considered to be suitable alternatives to provide protection during the COVID-19 response when supplies are short.

FDA issued an update to the [Non-NIOSH Approved Respirator Emergency Use Authorization \(EUA\)external icon](#) concerning non-NIOSH-approved respirators that have been approved in other countries. Visit [Factors to Consider When Planning to Purchase Respirators from Another Country](#) and the [NIOSH Science Blog](#) for additional information on understanding the use of imported Non-NIOSH-approved respirators.

## N-95 Extended Use..

- Discard N95 respirators following close contact with, or exit from, the care area of any patient co-infected with an infectious disease requiring contact precautions.
- Consider use of a cleanable face shield (preferred<sup>3</sup>) over an N95 respirator and/or other steps (e.g., masking patients, use of engineering controls) to reduce surface contamination. <https://www.cdc.gov/niosh/topics/hcwcontrols/recommendedguidanceextuse.html>
- Protecting an N95 from surface contamination may be achieved by wearing a cleanable face shield over an N95 instead of covering it with a mask (fit and function of the N95 respirators may be negatively impacted). <https://blogs.cdc.gov/niosh-science-blog/2020/06/16/covering-n95s/>



## PPE Preservation Planning Toolkit

This toolkit is designed to aid any PPE-using organization to plan and implement preservation strategies. It provides estimates of the value of implementing preservation actions to reduce (use of), to reuse, or to repurpose PPE, as described in the [Coronavirus \(COVID-19\) Pandemic: Personal Protective Equipment Preservation Best Practices](#)<sup>1</sup> fact sheet, in conventional, contingency, or crisis capacity conditions (as defined in the Centers for Disease Control and Prevention's [Optimizing Supply of PPE and Other Equipment during Shortages](#)<sup>2</sup>). Users enter data on their current or prospective PPE use practices. The toolkit assists users to understand types of preservation strategies their organizations may implement and provides estimates of positive impacts of using those strategies in increasing the duration of a specified PPE supply.

### What is included?

1. [The Guide \(PDF\)](#): step-by-step instructions
2. [The Tool \(spreadsheet\)](#): dynamic tool to enter and analyze data and interpret output

### How does it work?

Users enter data based on their uses of PPE (gloves, N95 respirators, surgical masks, face shields/eye protection, gowns) and factors reflective of their current or prospective operating environment and practices. This includes the following elements:

- Identification of staff categories requiring PPE, the numbers of employees using PPE, and estimation of the daily PPE consumed per staff member by staff category.
- Practices of PPE use for patients or work cycles, and the proportion of patients or facility staff to whom the practices apply.

Analysis and output include the following elements:

- Estimation of reduction factors associated with each PPE preservation strategy for each PPE type.
- Estimation of overall reduction factors when preservation strategies are implemented.
- Estimation of duration of specified supply amounts, displayed in tables and graphs.

### How long will it take?

The following estimates are based on initial testing:

1. Thirty minutes for orientation and preparation for using the tool
2. One to three hours for entering information to enable preparation for use of the preservation strategies and estimation of the use (burn) rate and impact of preservation strategies on duration of supplies

<sup>1</sup> <https://files.asprtracie.hhs.gov/documents/fema-fact-sheet-one-preservation-best-practices-update---14-july-2020.pdf>, accessed 30 Sep 2020

<sup>2</sup> <https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/index.html>, accessed 30 Sep 2020

Time for using the tool will vary based on the size and complexity of the organization and the familiarity of the user with the organization and the concepts.

### How is this tool different from related tools?

The [NIOSH PPE Tracker App](#)<sup>3</sup>, the [CDC Burn Rate Calculator](#)<sup>4</sup>, and the [EMS PPE Supply Estimator](#)<sup>5</sup> are additional tools developed for estimating burn (use) rate of PPE based on historical usage or on use practices for PPE supplies. The tools can be used complementarily with the PPE Preservation Planning Toolkit for estimation and planning purposes. They would not necessarily be expected to provide identical results, given the differences in purposes and methods as described in the table below.

Feature	NIOSH PPE Tracker App & CDC Burn Rate Calculator	EMS PPE Supply Estimator	PPE Preservation Planning Tool
Estimates use rate and PPE supply duration.	Yes <sup>6</sup>	Yes <sup>7</sup>	Yes <sup>8</sup>
Accounts for resupply deliveries in estimating use rate and supply duration.	Yes	No	No
Accounts for use-reduction factors when implementing preservation strategies.	No	No	Yes
Allows user to adjust reduction factors to reflect unique preservation practices.	No	No	Yes
Estimates changes in PPE use rate and supply duration based on preservation strategies.	No	No	Yes
Facilitates user's expansion of use of preservation strategies.	No	No	Yes
Provides user a compilation of preservation information.	No	No	Yes
Provides a step-by-step process to guide users in practices for PPE supply and preservation in the COVID-19 environment (e.g., when to report to state, when to work with vendor).	No	No	Yes

### Questions or comments?

Please submit to the Healthcare Resilience Working Group at [HCSRTF-COVID-19@hhs.gov](mailto:HCSRTF-COVID-19@hhs.gov).

<sup>3</sup> <https://www.cdc.gov/niosh/ppe/ppeapp.html>, accessed 30 Sep 2020

<sup>4</sup> <https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/burn-calculator.html>, accessed 30 Sep 2020

<sup>5</sup> [https://www.ems.gov/files/EMS\\_PPE\\_Supply\\_Estimator.xlsx](https://www.ems.gov/files/EMS_PPE_Supply_Estimator.xlsx), accessed 30 Sep 2020

<sup>6</sup> Based on historical record of supply levels

<sup>7</sup> Based on user input of supply use practices

<sup>8</sup> Based on user input of use rate for staff categories or user-supplied staff activity assumptions

EMS PPE  
Supply  
Estimator



AMBULANCE AND EMS CALLS

- 11/23/20 - Ambulance Service Call | Slides
- 11/16/20 - Ambulance Service Call | Slides
- 10/26/20 - Ambulance Service Call | Slides
- 09/28/20 - Ambulance Service Call | Slides
- 09/14/20 - Ambulance Service Call | Slides
- 08/31/20 - Ambulance Service Call | Slides
- 08/18/20 - EMS Mass Testing Webinar
- 08/17/20 - Amulance Service Call | Slides
- 07/20/20 - Ambulance Service Call | Slides
- 07/06/20 - Ambulance Service Call | Slides
- 06/22/20 - Ambulance Service Call | Slides
- 06/08/20 - Ambulance Service Call | Slides
- 06/01/20 - Ambulance Service Call | Slides
- 05/18/20 - Ambulance Service Call | Slides
- 05/04/20 - Ambulance Service Call | Slides
- 04/27/20 - Ambulance Service Call | Slides
- 04/20/20 - Ambulance Service Call | Slides
- 04/13/20 - Ambulance Service Call | Slides
- 04/06/20 - Ambulance Service Call | Slides
- 04/02/20 - CDC - Respirator Fit Testing
- 04/01/20 - Provisional Status for EMR and EMT Candidates – National Registry/South Dakota
- 03/30/20 - Ambulance Service Call | Slides
- 03/26/20 - EMS COVID-19 Interfacility Transport Guidelines
- 03/23/20 - EMS Call
- 03/18/20 - PPE Optimization Strategies
- 03/18/20 - COVID-19 SD DOH Personal Protective Equipment (PPE) Supply Request Form
- 03/17/20 - Coronavirus Biocidal Agents 2020
- 03/17/20 - SD EMT Recertification Cycle Extended
- 03/17/20 - SD EMT Student Clinical Time Waived
- 03/16/20 - Ambulance Service Call | Slides
- 03/12/20 - Interim Guidance: Get Your Mass Gatherings or Large Community Events Ready for COVID-19
- 03/03/20 - South Dakota Health Care Coalition Executive Committee List



EMS Call – COVID-19  
Vaccination Update

<https://doh.sd.gov/news/COVID19/Calls.aspx>

