

South Carolina Emergency Mangement Division  
 Personal Protective Equipment Status  
 7 Aug 20

Background: In March 2020 the State had no personal protective equipment (PPE) inventory and there was a nationwide shortage. An initial shipment of critical items was received through the Strategic National Stockpile but was insufficient. The chart below outlines requests in our system and deliveries as of 5 Aug. As of that date there was 100% fill on requests for N95 masks, surgical masks, and 97% on eye/face protection and gowns. The greater differential on eye/face protection is due to a large order of specialized eye protection to assist with state agency return to work.

Personnel Protective Equipment Status (Commercial Purchase or Donated)						
	N95 MASKS	SURGICAL MASKS	EYE/FACE PROTECTION	GLOVES	GOWNS/SUITS	
REQUESTS IN STATE SYSTEM	1,421,121	1,097,774	227,174	4,366,184	881,853	
ORDERED or DONATED	4,144,668	4,072,975	815,614	10,518,931	2,795,346	
DELIVERED	1,540,226	1,177,720	219,499	4,367,244	857,018	

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Requests: Organizations including private sector medical facilities request PPE through their county emergency management agencies who forward those requests to SCEMD. As the medical supply distribution system has significantly improved, SCEMD is currently only acting on emergency requests.

Stockpile: The below chart is an estimate of a four-week supply which is based on a combination of requests and normal commercial distribution (whichever was higher) from which a daily use rate was calculated. This estimate does not include costs for management, climate-controlled warehousing, and stock rotation. Courses of action are being developed but costs for that portion of the project could be as much as \$22 million for 5 years of operation.

Personnel Protective Equipment Stockpile Recommendation						
	N95 MASKS	SURGICAL MASKS	EYE/FACE PROTECTION	GLOVES	GOWNS	
ITEM	421,976	1,832,040	82,140	64,516,480	908,628	
COST	\$1,320,785	\$1,282,428	\$380,308	\$5,161,318	\$8,559,276	
PALLETS	25	107	4	1,058	63	
Total Cost = \$16,704,115			Total Pallets = 1257			

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Warehouse Inventory: PPE stocks on-hand at our Winnsboro warehouse are detailed below. Current inventory meets stockpile recommendations for surgical masks, eye/face protection, and gowns. Additional stockpile items have been ordered or will be ordered pending storage availability.



Personnel Protective Equipment  
Warehouse Inventory

N95 MASKS	SURGICAL MASKS	EYE/FACE PROTECTION	GLOVES	GOWNS
323,139*	1,938,100	601,369	4,479,700	1,413,516

\* Additional 424,000 KN95 masks available but not National Institute for Occupational Safety and Health (NIOSH) approved

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