



[Open Source Medical Supplies](#)

[Local Response Group - Central and South Florida](#)

(formerly Open Source COVID19 Medical Supplies)

*** For media inquiries, please email us at pr@themakereffect.org ***

Total PPE Made Across Florida as of 6/29/20: 337,192 items (and counting!)

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5 Things to Know & Do

Central & South Florida

1) **Stay Safe & Healthy!**

Follow all laws and guidelines for Stay-at-home orders, Social / Physical Distancing, and decontamination. **The #1 thing for all of us to do is stay safe, stay healthy and flatten the curve.**

2) **Get Informed & Stay Informed**

- a) **The mission of the OSCMS effort is to “provide transparent, accurate, medically-reviewed content that will help communities around the world develop open source medical supplies.”** If you are interested in participating in these efforts, please start by reading the Open Source COVID19 Medical Supplies (OSCMS) document: [Our Intent, Needs, and Your Role](#). This document includes a Summary of COVID19 Situation and Supply Needs and links to Design, Manufacturing & Engineering projects for supplies, PPE, medical devices and more.

The COVID19 situation is fluid and can change rapidly. By staying connected to the OSCMS effort, you will know if we are having supply chain failures in Florida and how you can best help to meet the need in the event of a supply chain crisis for medical supplies. You can follow on the overall [OSCMS Facebook group](#), or on the [OSCMS Local Response Group for Central and South Florida](#). **Please see the links section at the end of this document for other key links.**

3) **How YOU can help - Coordination**

We need organizers to help staff the Local Response Group for Central & South Florida. If you would like to volunteer for a role, please email us at oscms@themakereffect.org.

The Local Response Group model ([OSCMS Guide](#)) calls for several roles including **Local Response Leadership, Technical Project Management, Healthcare Facility Relations, Manufacturer Relations, Community Management, Government Relations, and Media Relations**. We will be identifying individuals for these roles, with a minimum of two-person coverage in the event that one individual can no longer participate. Ideally candidates will play these roles professionally and can bring these skills to the Local Response Group.

4) **How you can help - Making Personal Protective Equipment (PPE)**

The best case scenario is that the supply chain for medical supplies holds in our area and our locally-made PPE is not required. In many cases, we are working to create “an emergency alternative to PPE when PPE is not available.”

You can help make PPE multiple ways. For example:

- a) You can sew face masks or face mask covers.
- b) You can 3D print face shield visors, ear clips for masks, bias tape markers, and more.
- c) You can use a laser cutter to cut face shields or fabric inserts for face masks.

If you have questions about how to get involved in any of those efforts, post in the Facebook group. Check the links below to designs approved by NIA, FDA, or VA.

If you are making PPE for others such as masks, face shields, etc.

- a) **Start by joining an existing group** that is working together (but virtually!) to create and distribute PPE. Below, you'll find a list of known groups creating items in Central and South Florida. These groups are sourcing materials, sharing tips, solving problems, and identifying distribution for the PPE.
- b) **Please use and follow designs that have had medical review and / or field trials, especially with review by NIH, FDA or VA.** This review ensures the medical safety and greatly increases the likelihood that a hospital administrator will accept and use the items you make. Please see the links section below for links to medically reviewed PPE projects. If you locate a new medically-reviewed PPE design that should be added to this list, please post it in the Facebook group.
- c) **Please follow guidelines to avoid asymptomatic contamination of the PPE you are creating.** The designs linked below should contain guidelines to avoid contamination. It is possible that you could transmit the virus to items you create without feeling ill or having symptoms.

- d) **Please consider the amount of PPE you are using to create PPE.** For example, if you have a single 3D printer and are printing face shield components, some guidelines call for wearing disposable gloves and a mask while working with the 3D printed components. This is a waste of gloves and masks to create face shields one at a time.
- e) **Please follow the PPE-creation guidelines of the healthcare entity you are donating to.**

5) How you can help - Drive Awareness

Please share this guide with others that can help these efforts, and invite them to the OSCMS Local Response Group in their area. In the event of a supply chain crisis in our area, we will need a large group already mobilized to solve problems. We need a vast range of skills for these efforts, this is not just for 3D printer or sewing machine owners.

Thank you!

PLEASE SEE IMPORTANT LINKS ON THE NEXT PAGE

Important Links

Needs Database

We are partnered with GetUsPPE.org along with OSCMS and Nation of Makers to have a single national database of PPE needs and suppliers to enable more rapid response at scale. If you NEED PPE, please use this form to register the need here ASAP:

<https://getusppe.org/request/> Please share this form with others in Healthcare that may have needs.

Maker / Supplier Database

We are partnered with GetUsPPE.org along with OSCMS and Nation of Makers to have a single national database of PPE needs and suppliers to enable more rapid response at scale. If you are planning to manufacture PPE, please register on this page (Step 2 - Register as a GetUsPPE maker) <https://getusppe.org/makers/> Please share this form with makers and ask them to join the registry.

Medically Reviewed PPE Design sites

- NIH 3D Print Exchange - COVID-19 Supply Chain Response:
<https://3dprint.nih.gov/collections/covid-19-response> - note there are multiple validated 3d print designs for face shields, a 3d print design filter-style mask, and other PPE items.
- GetUsPPE.org - Makers section: <https://getusppe.org/makers> (Click Step 3 - Start Making for design links)
- MakerMask.com - <https://www.makermask.com/> PLEASE NOTE THIS DESIGN HAS NOT YET FINISHED REVIEW WITH NIH / VA / FDA, but appears to be heading to ready status shortly. This is a good project to start testing on your printer.
 - There is a webinar about this mask on Thurs April 2nd at 4PM -
<https://www.bigmarker.com/maker-mask/Maker-Mask-Team-Live-Webinar-on-Sm-all-Batch-Production-and-the-evolution-of-Maker-Mask>

Groups making PPE (Alphabetical by Region)

If you know of a group that is not listed here, please email us at oscms@themakereffect.org to have the group added. Please provide a name and a link to a website, facebook group, etc.

Amount of PPE Made Across Florida

We are also collecting information about the amount of PPE made by groups across Florida. To share information about the PPE your group created, please email us at oscms@themakereffect.org and include the type and number of items made. The more awareness we have about efforts in Florida, the more success we may have in obtaining additional supplies that we can help distribute to makers across the state.

Central Florida Region

- 3D Print Orlando, <https://3dprintorlando.com/3d-printing-for-a-cause/>
- American Sewing Guild Orlando Chapter ASG, <https://www.facebook.com/groups/ASGOrlandoChapter/>
- Army of Masks, <https://www.facebook.com/groups/armyofmasksGreaterOrlandoCentralFlorida/>
- Avalon Park Face Mask, <https://www.facebook.com/groups/2943235625719471/>
- Brevard Mask Makers (The Three Hundred Masketeers), <https://www.facebook.com/groups/522777805097062/>
- Factor - Makerspace - <https://factor.org>
- Lake County Mask Creators, <https://www.facebook.com/groups/3100033846707525/>
- Orange County Library System, Melrose Center, <https://www.facebook.com/MelroseOrlando/>
- Orlando Facemask Strong: Sewn Masks - <https://www.facebook.com/groups/orlandofacemaskstrong/>
- WG Face Shields, <https://wgfaceshields.com/>

North Florida Region

- Florida State University Innovation Hub, <https://www.facebook.com/fsuinnovationhub>
- Gainesville Makers Against Covid - <https://www.facebook.com/groups/2539668969584363/>
<https://gnvcovidmasks.org/>
- Gainesville Face Mask Crafters for Covid-19 Support Group: Face Masks - <https://www.facebook.com/groups/528282547842151/>
<https://gnvcovidmasks.org/>

- Hammock Bay PPE Face Masks, <https://www.facebook.com/groups/2516640761935916/>
- Handmade Face Masks North Port Florida, <https://www.facebook.com/groups/2527145770949023/>
- Making Awesome, <https://www.facebook.com/MakingAwesomeTallahassee/>
- Pensacola Mask Sewers, <https://www.facebook.com/groups/203196457622124/>
- Renaissance Jx, <https://www.facebook.com/renaissancejax>
- Taylor County Masks- COVID19, <https://www.facebook.com/groups/2838481316378929/>

South Florida Region

- Mask Makers United! (formerly Corona Masks for Our Heroes Broward/Dade), <https://www.facebook.com/groups/601180134072211/>
- Custom 3D Creations, <https://www.facebook.com/custom3Dcreators/>
- Faulkner PPE and Protective Barriers, <https://www.plasticfaceshields.com/>
- FIU CARTA, <https://news.fiu.edu/2020/fiu-3d-printing-face-shields-for-healthcare-workers-at-baptist-health>
- Florida Mask Makers, <https://www.facebook.com/groups/floridamaskmakers/>
- Key West Handmade Masks, <https://www.facebook.com/groups/205578147391333/>
- Lower Keys and Key West Face Mask Sewing Group, <https://www.facebook.com/groups/809393332878811/>
- Miami Med COVID Help, <https://www.facebook.com/MiamiMedCOVIDHelp/>
- Moonlighter Makerspace, www.moonlighter.co
- Precision 3D Printing, <http://www.precision-3dprinting.com/>
- Southwest Florida Face Mask Crew, <https://www.facebook.com/groups/255481408814534/>
- South-Florida Masks for Healthcare, <https://www.facebook.com/groups/200739507882211/>
- Ventilators Collaboration Network, <https://soptechint.com/ventilators>
- Velossa Tech Design, <https://www.facebook.com/velossatechdesign/>

Tampa Region

- 3D Musketeers, <https://3dmusketeers.com/>
- AMRoC Fab Lab, <http://amroctampabay.com/>
- Mask Makers of Tampa Bay, <https://www.facebook.com/groups/258875095117720/>
- Masks for Pinellas County Healthcare Providers, <https://www.facebook.com/groups/2614904275453841/>
- Nurses/Doctors/Medical Staff in Fishhawk Working Without a Mask, <https://www.facebook.com/groups/1118975601768967/>
- Print the Curve Flat, <https://www.facebook.com/groups/906708149774352/>

- Sarasota/Manatee Community Response Team, <https://www.facebook.com/groups/216519506381733>
- Sarasota Tampa Area Face Mask and PPE Sewing Group for Healthcare Workers, <https://www.facebook.com/groups/542771073287085/>
- Suncoast Science Center, <https://suncoastscience.org/>
- Tampa Emergency Printing, <https://www.facebook.com/groups/MRG3D/>
- Tampa Hackerspace, <https://tampahackerspace.com/>
- Team RISE Robotics at Lakeland Christian School, www.lcsrise.com
- The Mask Project Tampa Bay: Sewn Masks - <https://www.facebook.com/groups/httpstinyurl.comthemaskprojecttampabay/>

OSCMS Local Response Groups

Volusia

- OSCMS Local Response Group: Volusia County - <https://www.facebook.com/groups/624029178440771/>

Brevard

- OSCMS Local Response Group: Brevard County - <https://www.facebook.com/groups/opensourcecovid19medicalsuppliesbrevardcofl/>

