



**FRONTLINE FIRST**

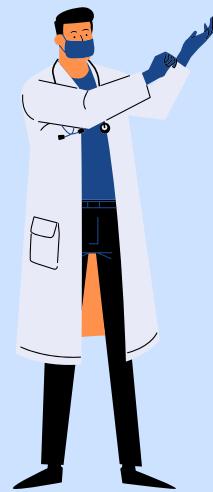
**LET'S HELP OTTAWA  
FIGHT COVID-19**

**HELP OUR HOSPITALS**

# WHO IS FRONTLINE FIRST?

## ABOUT US

**Frontline First** is a nonprofit initiative that aims to supply **personal protective equipment (PPE)** to frontlines at Ottawa hospitals through donations. We have reached out to JiaJia Holding Group Co., Ltd, a PPE manufacturer in China, who has agreed to collaborate, supplying and shipping to us any gear needed. This includes medical grade, and **FDA certified N-95 masks, goggles, and fully sealed gowns**. Due to the urgency, shipments will be arriving weekly, then distributed to hospitals ASAP. All donations go directly towards PPE orders, and **every dollar counts**.



## OUR MISSION

### FUNDRAISE

To fundraise up to, or even exceed **our goal of \$10,000 in PPE**, and bridge the gap between PPE supplies and our medical professionals.

### CONTRIBUTE

To help our frontlines **flatten the curve** by connecting the community with ways to **replenish the PPE shortage** that Canadian hospitals are experiencing.

### INFORM

To **stay updated and informed** with current news about COVID-19, and translating that to the public to **prevent misinformation**.

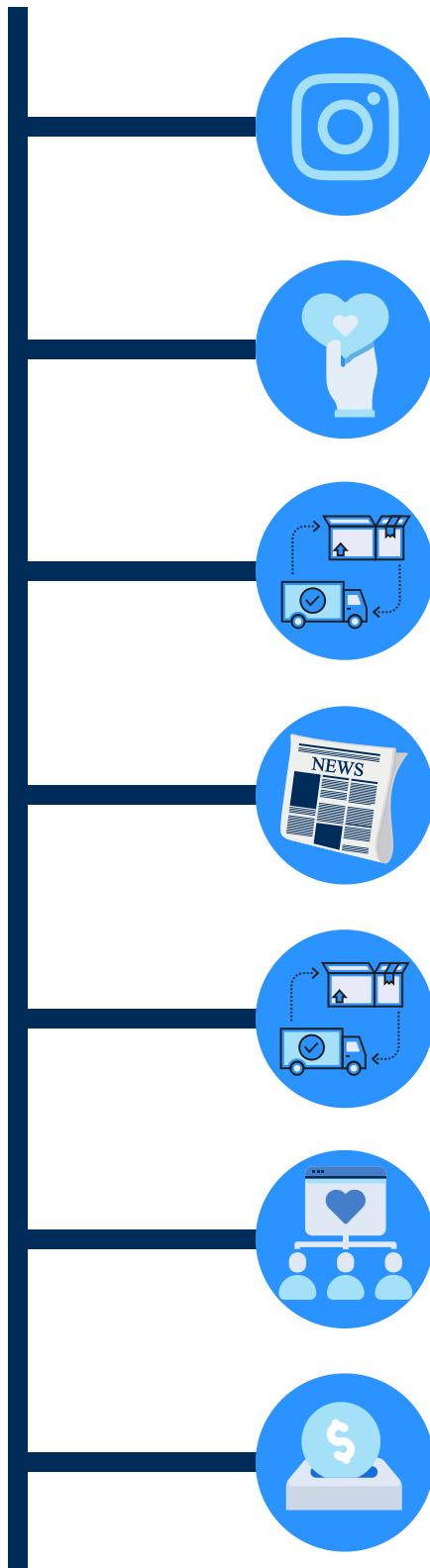


"NO ONE SIGNED UP TO BE ON A SUICIDE MISSION."

- Dr. Cohen, based in Brighton, Ont.

# WHAT FRONTLINE FIRST HAS ACCOMPLISHED THUS FAR

## OUR PROGRESSION AS A TIMELINE



**Created Frontline First's Instagram account**, and received support from healthcare professionals, local influencers, and local businesses.

**Raised \$4,627 in PPE**, reaching halfway of our \$10,000 goal.

**Ordered, received, and delivered** the first shipment of **N95 masks** to Ottawa hospitals.

Reposted relevant articles about Canadian COVID-19 cases in the **"Frontline First Blog"** section of our website.

**Goggles and gowns shipments** are expected to arrive next month: May 24th-30th, 2020.

**Currently:**  
Continuing to **reach out** to friends, family, neighbours, and now, businesses: YOU!

**Currently:**  
Creating more content to **raise awareness to our initiative**, and keeping the donors/supporters up-to-dated on their contributions.

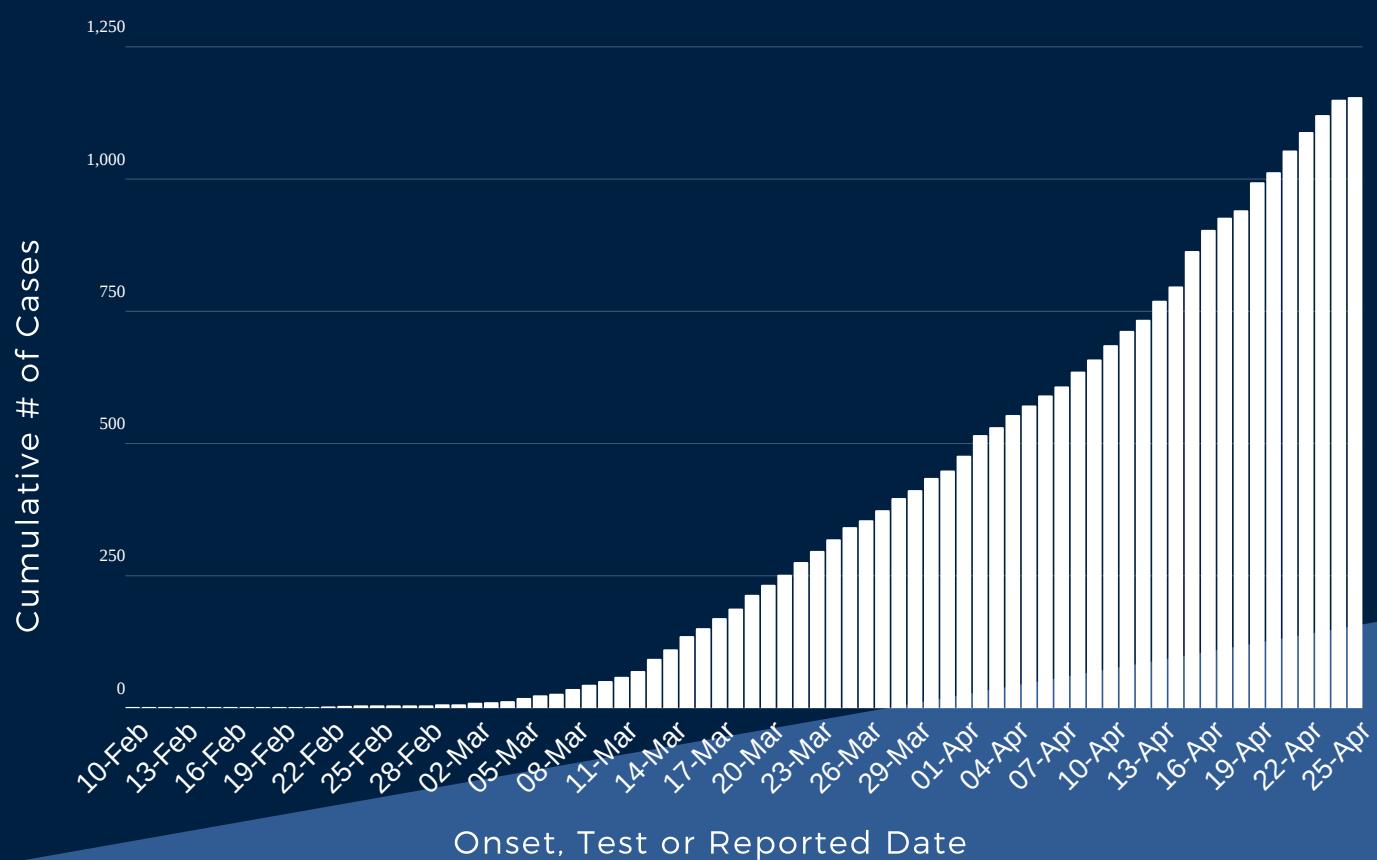
## WHY HELP FRONTLINE FIRST?

# PPE SHORTAGE: "AN IMMENSE DISTRESS." THE CURRENT STATE

As of April 19th, 2020, there are **803 confirmed cases of COVID-19**, including 23 reported deaths in Ottawa, Ontario. The statistics show that these **cases are increasing exponentially** and will continue to do so unless we flatten the curve. Hospitals and news outlets have explicitly expressed their desperation for PPE, and have asked for donations. According to the Head of Ontario registered nurses union, **9 million surgical masks are needed per week in Ontario**. However, as PPE is sold out everywhere, it is difficult to meet these needs.

### CASES REPORTED

#### CUMULATIVE EPIDEMIOLOGICAL CURVE OF OTTAWA RESIDENTS WITH CONFIRMED COVID-19



Sourced from the Ottawa Public Health: Ottawa Public Health. "Coronavirus Disease (COVID-19)." Ottawa Public Health, Ottawa Public Health, 27 Apr. 2020. [www.ottawapublichealth.ca/en/reports-research-and-statistics/la-maladie-coronavirus-covid-19.aspx](http://www.ottawapublichealth.ca/en/reports-research-and-statistics/la-maladie-coronavirus-covid-19.aspx).

## WHY HELP FRONTLINE FIRST?

# PPE SHORTAGE: "AN IMMENSE DISTRESS." MAJOR HIGHLIGHTS

- Doug Ford had announced that "**Ontario has only 1 week supply of critical protective equipment left**" because global shipments were restricted at the U.S. border.
- New health guidelines have instructed frontline workers to **use 1-2 surgical masks per day**, and only change them if soiled, damp or damaged for safe use; they cannot be changed in-between patients.
- Frontline workers have been **transferred to the ICU** for treating COVID-19 patients without proper PPE.

We are experiencing an extreme PPE shortage, compared to other nations, especially as 68 countries have reportedly restricted exports.

PPE in Italy



PPE in China



PPE in the States  
and Canada



# WHY HELP FRONTLINE FIRST?

## THE IMPORTANCE OF PPE

**PPE is the last line of defence for frontline workers against COVID-19, making it very critical.**

- N-95 respirators are meant to provide **95% protection** level against airborne viruses.
- However, in a 2006 study, Balazy et al., determined that **penetration of virions can exceed the expected 5%** in certified N-95 respirators.
- Tested **surgical masks** demonstrated even **greater penetration**, and therefore, decreased efficiency than N95.

Balazy, Anna, et al. "Do N95 Respirators Provide 95% Protection Level against Airborne Viruses, and How Adequate Are Surgical Masks?" American Journal of Infection Control, vol. 34, no. 2, Mar. 2006, pp. 51-57. doi:10.1016/j.ajic.2005.08.018.



Lane, Sydni, sydvicious. "I broke down and cried today [...]". Instagram, photographed by Lane, Sydni, 26 Mar. 2020. [https://www.instagram.com/p/B-OGaGOnD1/?utm\\_source=ig\\_web\\_copy\\_link](https://www.instagram.com/p/B-OGaGOnD1/?utm_source=ig_web_copy_link)

## SO WHAT DOES THIS MEAN?

- "The protection against the airborne viral agents provided by some N95 respirators may fall below 95%, especially at higher inhalation flow rates." (Balazy et al., 2006).
- The fact that we are letting our frontline workers reuse surgical masks, let alone N95, is putting not only them at risk, but also the patients, and ourselves.

Last week, "Dr. Nicholas Manice was about to **intubate a patient, only wearing a patient's gown** because he couldn't find PPE and the goggles leave these marks on his face."

- Dr. Firew, MD, MPH, New York, US.



Firew, Tsion, DrTsion. "Dr. Nicholas Manice [...]" Twitter, photographed by Firew, Tsion, 26 Mar. 2020, <https://twitter.com/DrTsion/status/1243092600191582208?s=20>

# HOW TO HELP

## 1 SPREAD THE WORD

- Feel free to **spread the word** about our initiative to your friends, family, neighbors, employees or even, business partners.
- Reach out to us by email, and **we can send a template** that you can share to help us raise money for PPE to distribute to Ottawa hospitals.
- **Follow us** on Instagram and Facebook.
- Promote us by **reposting our content** on your social media platforms.



## 2 IN-KIND DONATIONS

If **you have PPE**, and would **like to donate them** to support our frontline workers, **we would love to help deliver them**. Please contact us by either means listed below, and we will make the necessary arrangements.

If you would like to **partner with us** and **support frontline workers in other ways** (not listed), please contact us. We're all ears!

**PPE includes, but is not limited to:**

- Medical grade gloves
- N-95 and/or surgical masks
- Respirators
- Goggles
- Face shields
- Gowns/aprons
- Hand sanitizer

## OUR SOCIALS



@frontlinefirst\_



@FrontLineFirstOttawa\_



frontlinefirst2020@gmail.com



<http://frontlinefirst.ca>

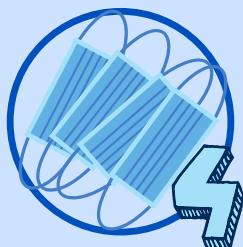


HELP OUR HOSPITALS.

## HOW TO HELP

### ③ MONETARY DONATIONS WHERE WILL YOUR MONEY GO?

\*The equipment that JiaJia Holding Group Co., Ltd makes are the same ones used by the 50,000 doctors who travelled from all over China to help out Wuhan, and **zero doctors were infected.**



\$10 for 4 N-95  
masks, tight  
and sealed.



\$15 for a pair  
of goggles.



\$25 for a medical  
grade gown.



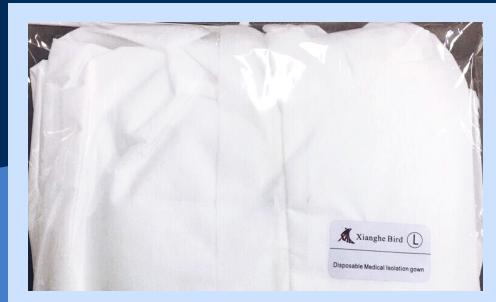
\$50 for 1 full kit:  
mask, goggles,  
and gown.



\$250 for a week-  
supply of PPE.

### TRUST IN OUR SHIPMENTS

All PPE manufactured by **JiaJia Holding Group Co., Ltd** were **approved** by the **Professional FDA Registration Services** at Shanghai Global Testing Services Co., Ltd., and through the U.S. Agent for FDA Communications in Chicago, Illinois.

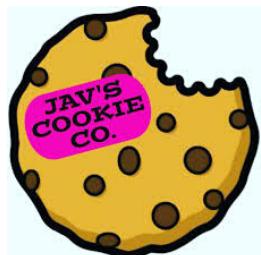


HELP OUR HOSPITALS

## OUR PARTNERS



ONTARIO  
PPE COLLECTIVE



Gōngfū

L'ORÉAL  
PARIS

## HOW TO HELP

### MAKE A DONATION TODAY

Whether a few dollars or a few hundred, **your donation today can help us** solve the PPE shortage happening right now in Ottawa hospitals. Together, we can **protect our frontline workers.**

**Visit our gofundme page:** [https://www.gofundme.com/f/qnq3n-g\\_](https://www.gofundme.com/f/qnq3n-g_)

### CONTACT US



@frontlinefirst\_



@FrontLineFirstOttawa\_



frontlinefirst2020@gmail.com



<http://frontlinefirst.ca>



**FRONTLINE FIRST**

**THANK YOU FOR  
YOUR SUPPORT.**