



# The Commons Project

Independent Non-profit Public Trust



COVIDcheck

CommonHealth

May 21, 2020



Independent Nonprofit Public Trust

The Commons Project Foundation is a 501(c)(3) non-profit public trust, established to build digital services that **put people first**. The Commons Project fills the void between tech companies, government agencies, and traditional non-profits to build and operate the digital services that constitute **public infrastructure** for the digital era.

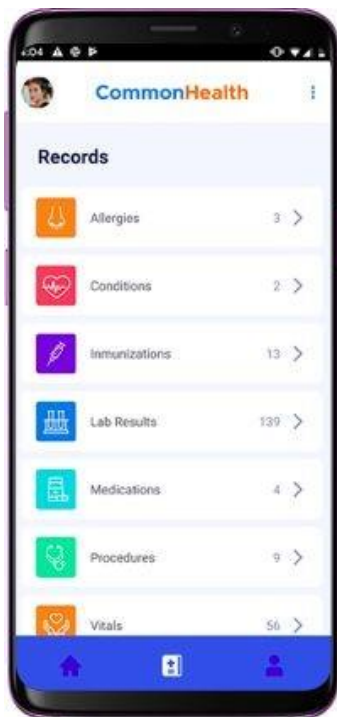
The Commons Project was established with support from:



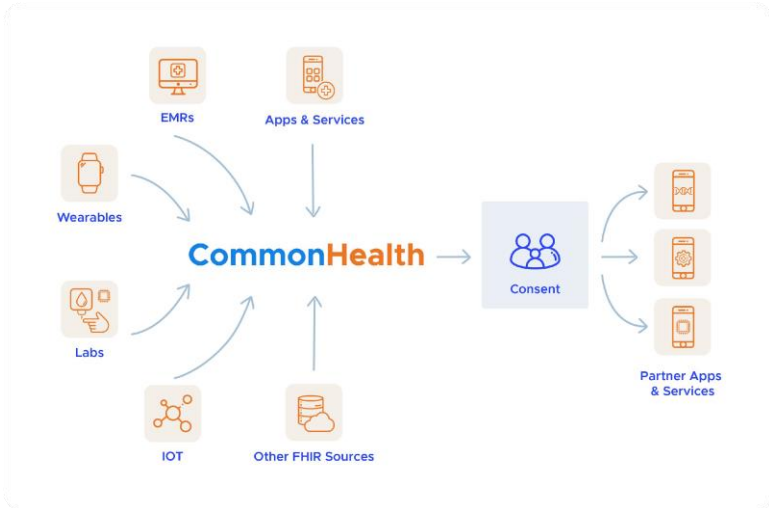
### Our Principles:

- We serve people's interests above all
- People should control their private information
- Our services are not influenced by the interests of any third party
- We operate transparently with partners and people

## CommonHealth



- **CommonHealth** is the Android platform that lets people collect and store their personal health data and share it securely with the health partners they **trust**
- Data is only shared with clear, informed **consent**



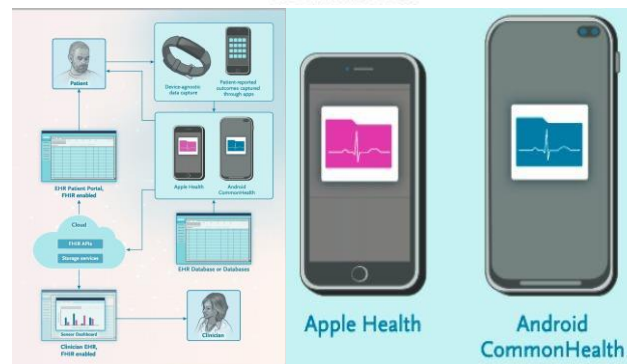
The NEW ENGLAND  
JOURNAL of MEDICINE

REVIEW ARTICLE

FRONTIERS IN MEDICINE

## Mobile Devices and Health

Ida Sim, M.D., Ph.D.



The CommonHealth model was recently featured in the [New England Journal of Medicine](#).





# CommonHealth Data Map

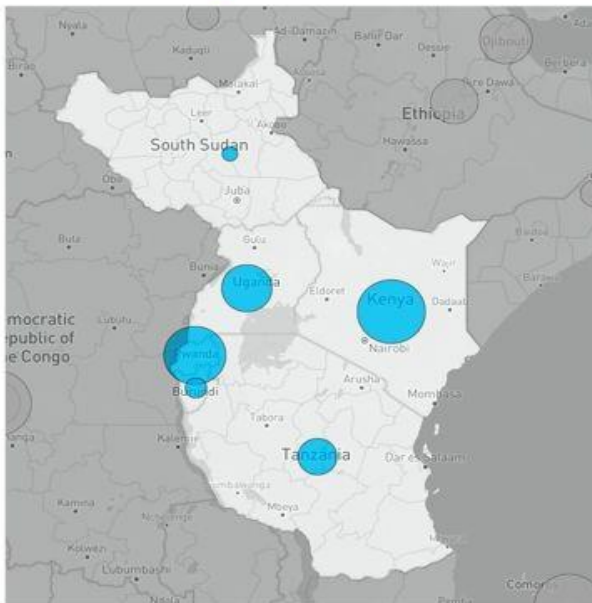


Overview Cases Symptoms Mobility Capacity

Location All EAC countries Date Apr 8, 2020

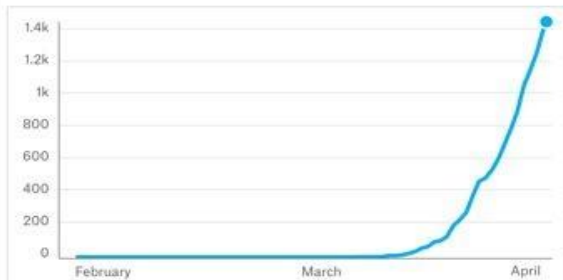
## Map & Chart

Total cases Active Recovered Death

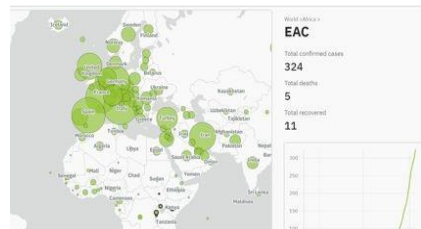


Confirmed 366 Active 338 Recovered 21 Death 7

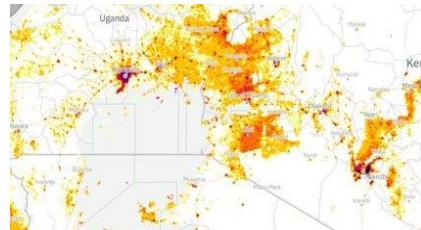
Country	Total cases	Active	Recovered	Death
Burundi	3	3	0	0
Kenya	179	164	9	6
Rwanda	105	98	7	0
South Sudan	2	2	0	0
Tanzania	24	19	5	1
Uganda	52	52	0	0



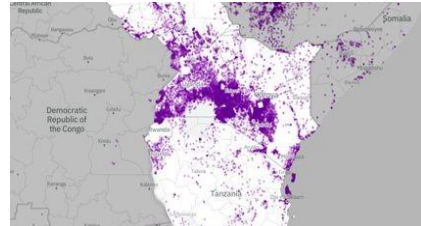
## ADDITIONAL DATA LAYERS



## POPULATION DENSITY

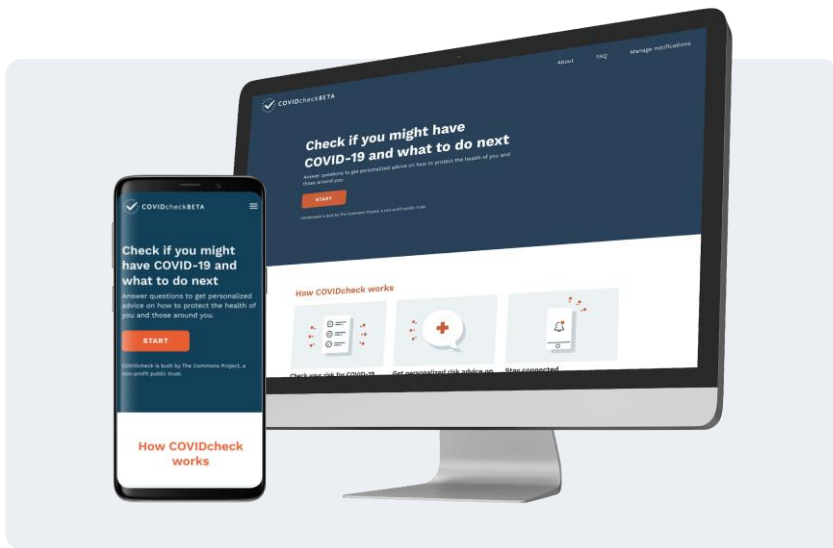


## HEALTH FACILITIES





# COVIDcheck



Available via\*:



\* Not all features available via all channels.

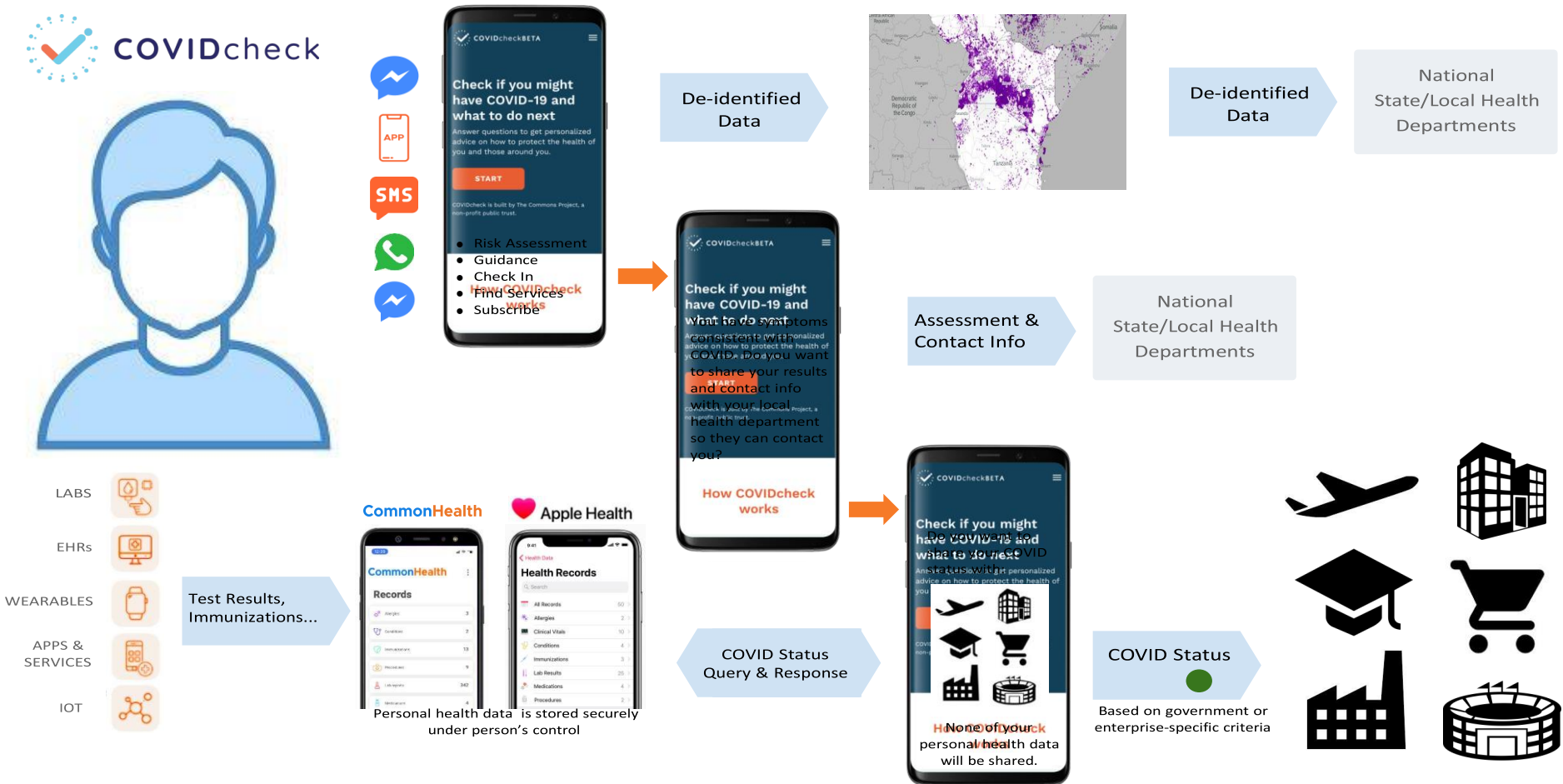
- **Assess** your symptoms, exposure and other risk factors for COVID
- Get a personalized **assessment report** based on the world's leading public health expertise
- **Find** and connect with public health and health services near you
- Sign up for **reliable information** and updates on COVID
- Store your COVID status, test results and other health data securely in your **CommonHealth data vault**
- **Share your data** only with the people and partners you **trust**

Languages\*:

English, Spanish, French, Chinese, Hindi, Arabic, Malay, Russian, Bengali, Portuguese, Japanese, German, Tagalog, Vietnamese, Korean, Swahili and more

\* Languages being launched during May and June.

# Privacy Preserving Model for Re-Engagement (a possible future)



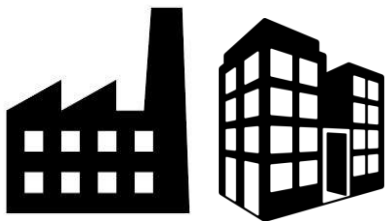




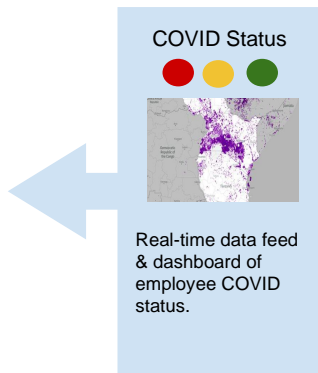


## Back to Work (a possible future)

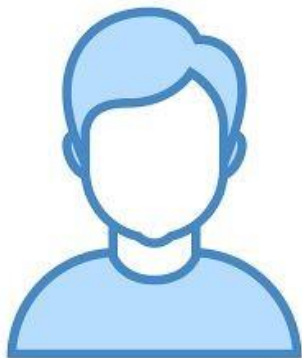
### A privacy preserving model for monitoring employee health status



Email invitation to sign up for COVIDcheck and consent to share COVID status with employer.



COVIDcheck



WEB



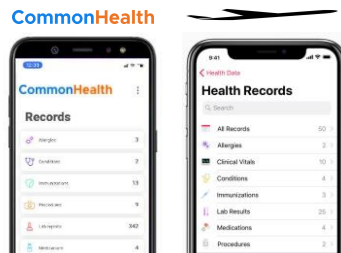
APP



WEB



COVID Status Query & Response



Personal health data is stored securely under person's control

Test Results, Immunizations...



WEARABLES

SERVICES

EHRs

- **Enrollment:** Employers invite their employees to sign up for COVIDcheck and consent to share COVID status with their employer.
- **Daily-Check-In:** Employees can complete a risk assessment and check-in on a daily basis (e.g. "do you have any symptoms today?"). That information is shared in real-time with the employer and displayed in aggregate on the employer's COVIDcheck dashboard.
- **COVID Status Based on Health Data:** Leveraging Apple Health and CommonHealth (for Android phones), COVID status reports can also be based on health records and data without compromising the privacy of that personal health data.
- **Contact Alerting:** COVIDcheck can be integrated with bluetooth and wifi based technologies to support contact alerting.





THANK YOU.

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