

*Purpose of this document: A lot of work has already been done by various companies and organizations that can be useful in the response to COVID-19. In an effort to be comprehensive about that work, identify what gaps exist, and what challenges remain, we ask you to contribute to the below sections in advance of Wednesday's call.*

**COVID-19 Tech Taskforce**  
**Workstream Name: Clinical Health Data**

**Members: AWS, Color Genomics, Emsi, Gates, Google, Ro, NAVIGO**

**Goals and opportunities**

To assist researchers at the CDC, academic institutions, and other public-health officials, capture clinical location data to assess resource capacity, effectiveness of policy interventions, community education, and disease surveillance.

**Planned operation outcome**

Identify and provide clinical datasets for use in developing forecasting models and informing disease surveillance.

**Existing data**

*For this section, we have put together the high-level information we received on the call, please add additional information or correct any errors.*

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**Other known working groups / efforts**

- NAVIGO is has a public facing assessment that could be used for screening, education, data creation/collection, and other ideas to help improve the interaction at testing centers. Prototype here:  
<https://covid-19.navigo.cc/coronavirus/covid-19-my-risk-assessment>

**Concerns**

*For this section, we have put together the high-level information we received on the call, please add additional information or correct any errors.*

- Privacy
- BAAs / PHI
- Coordination
- Redundancy
- Sparsity of data / data quality
- Pipeline access/aggregation/hosting
- Choke Points in testing processes

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**COVID-19 Tech Taskforce**  
**Workstream Name: Location Data**

**Members: Camber, ESRI, Facebook, Google, Harvard School of Public Health, Nielsen, Unacast, Uber, Veraset**

**Goals and opportunities**

To assist researchers at the CDC, academic institutions, and other public-health officials, capture non-clinical location data to assess contact rates, social distancing, effectiveness of policy interventions, and disease surveillance.

**Planned operation outcome**

Identify and provide non-clinical geolocation datasets for use in developing forecasting models and informing disease surveillance.

**Existing data**

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- Veraset/Unacast/Camber. Mobile location data.
- Uber. Trip data.
- Google. Search data.
- Esri. Hospital location data, bed capacity/utilization.
- Nielsen. Media behavior changes.

**Other known working groups / efforts**

**Concerns**

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- Privacy
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**COVID-19 Tech Taskforce**  
**Workstream Name: Hosting and Privacy**

**Members: AWS, ESRI, Facebook, Google, Harvard School of Public Health, Microsoft, Mozilla, Salesforce**

**Goals and opportunities**

To assist researchers at the CDC, academic institutions, and other public-health officials, capture non-clinical location data to assess contact rates, social distancing, effectiveness of policy interventions, and disease surveillance.

**Planned operation outcome**

Create a secure, privacy respecting environment for researchers to aggregate and analyze data to forecast and model COVID-19 related location and clinical data.

**Existing data**

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**Other known working groups / efforts**

**Concerns**

*For this section, we have put together the high-level information we received on the call, please add additional information or correct any errors.*

- Privacy
- Security / compliance
- Coordination
- Redundancy
- Pipeline access/aggregation/hosting
- Authentication/Authorization
- Data retention
- Concerns about reidentification, “deanonymization” and joining multiple datasets.
- Limitations on repurposing of data provided for non-coronavirus related purposes
- Limitations on providing data on non-United States persons