



THE OPPORTUNITY PROJECT 2022 SPRINTS

Guidelines for Submitting a Problem Statement

What is The Opportunity Project?

The Opportunity Project (TOP) brings together technologists, government, and communities to rapidly catalyze and prototype digital products that solve real-world problems for communities—powered by federal open data. To date, TOP's technology development sprints have catalyzed over 175 data-driven digital products including apps, websites, games, AI algorithms, mapping tools, and more.

Our sprints have leveraged open data to address more than **40 problem statements** on topics like disaster response, rural economic development, youth and veteran homelessness, the opioid crisis, COVID-19, expanding the innovation economy, and [more](#). Problem statements have been led by federal agencies including; including the U.S. Departments of Education, Labor, Agriculture, Veterans Affairs, Housing and Urban Development, Health and Human Services, Treasury, Commerce EPA, nonprofits such as USA for UNHCR, and more.

What is a problem statement?

[Problem statements](#) are the challenge topics that teams focus on in our technology development sprints. We created a template for federal agencies and nonprofits to submit ideas for 2022 sprint topics, allowing us to source ideas for pressing challenges from many diverse stakeholders. View all our past problem statements and learn more about the sprint process on [The Opportunity Project website](#).

What makes a good problem statement?

A great problem statement focuses on a compelling problem that tells a human story, is reasonable enough in scope that digital tools could make a dent in it, but broad enough that there is room for tech teams to be creative and develop a diverse set of solutions. Problem statements also have the most success when there is open data available to address the problem.

How can I propose a problem statement?

This year, we're holding an open call for problem statements through **April 1, 2022**. A few themes to consider are below:

- Puerto Rico (e.g., childhood poverty, reimagining schools, mental health, geospatial infrastructure, environmental justice, small business access to capital, or other challenges)
- Cross-sector collaboration to improve data quality
- Expanding use of federal open data to new audiences and stakeholders

However, federal agencies, state or local governments, and NGOs can submit problem statements on any topic of interest. Once the final problem statements are selected, companies, start-ups, universities and non-profits will sign on to prototype solutions to those challenges alongside representatives from federal agencies and The Opportunity Project team. In past sprints, tech teams have included companies and universities like IBM, SAS, Citi Ventures, Mastercard Center for Inclusive Growth, Mapbox, Esri, Redfin, Bloomberg, Airbnb, LinkedIn, as well as small businesses, startups, universities and more.

What should I avoid in my problem statement?

TOP is not intended for topics that focus on challenges internal to your organization. All problem statements should focus on issues facing members of the public – for example, families, communities, businesses, educators, or state, local and tribal governments. Please avoid prescribing specific solutions to the tech teams. Instead, frame a general challenge, and leave the tech teams and communities to apply their unique expertise to develop tech solutions which they will ultimately build, own, and maintain. Finally, we only work with open data (i.e. not with PII or restricted use data); any key federal, state, or local government data sets need to be available to the public by the time the sprint begins.

When do the sprints take place?

- ↳ We will review problem statements on a rolling basis through April 1, 2022. By the end of April, we will select and revise the final 2022 problem statements.
- ↳ During April and May 2022, tech teams, user advocates, product experts, and additional data sources will be identified for the sprints.
- ↳ Most 2022 sprints should run between **June–September 2022** (exact dates TBD), but note we can make exceptions based on time constraints of each organization. To be showcased in our November 2022 Demo Day event, sprints must be completed by the end of September.
- ↳ End-of-year Summit will be held in November 2022.

What is required if my topic is selected?

If your topic is selected, it will be the focus of a tech development sprint this year! A sprint can be completed with or without funding, but does require time and attention. The time commitment ranges from 2-8 hours per week (typically 2-3 hours but up to 6-8 hours during busier phases of the sprint, and this varies depending on your [role](#) in the sprint). For any sprint, we ask organizations to identify a lead point of contact (POC) and to possibly consider other contributing team members.

If you are not familiar with The Opportunity Project and how the process works, please [visit our website](#) for more information and/or contact us at census.opportunityproject@census.gov!

What to expect after I submit my proposal?

After reviewing your problem statement proposal:

- ↳ We may pair your organization with a federal agency whose mission and policy priority aligns with your proposed topic/theme.
- ↳ We may suggest that your organization take on the sprint leader role, in which you would work with the TOP team to recruit collaborators and facilitate the 12-14 week sprint using templates and resources we provide.
- ↳ You could become a [User Advocate \(UA\)](#) for a similar problem statement aligned to your suggested theme/topic.

How can I submit a topic?

To propose a topic, please download the [proposal template document](#) and submit to census.opportunityproject@census.gov with subject line "Problem Statement Proposal".

Submissions are due by April 1, 2022 and will be reviewed on a rolling basis.

Thanks and we look forward to working with you!

- The Opportunity Project Team