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## Slip-On Tank Grant Dashboard: Methods & Data Sources

January 2024

### Purpose

The *Wildfire Risk to Communities* project team has developed a nationally consistent data dashboard to support the U.S. Department of Interior's Slip-On Tanker grant program. The Slip-On Tanker Dashboard is publicly accessible at <https://wildfirerisk.org/sot-tool>.

The Slip-On Tanker Dashboard can be used to help applicants determine potential suitability based on population and wildfire risk criteria. This document summarizes the methods and data sources for the Dashboard.

### Searchable Geographic Units & Jurisdictions

Locations available in the dashboard are counties and Census Designated Places identified by the U.S. Census Bureau's TIGER/Line files. Census Designated Places are areas of concentrated population and include incorporated and unincorporated communities.

If an applicant is not a jurisdiction represented in the tool (for example, a fire district), the applicant should search the closest relevant community or county.

If an applicant's jurisdiction crosses multiple locations (for example, a two-county area), the applicant should report data from both locations. Population data should be aggregated. Wildfire risk data should be reported for the highest scoring jurisdiction.

#### Data Source:

U.S. Census Bureau. (2020). TIGER Cartographic Boundaries. Washington, DC. <https://www.census.gov/programs-surveys/geography/technical-documentation/complete-technical-documentation/tiger-geodatabase-file.html>

### Eligibility: System for Award Management (SAM) Registration

To be eligible, an entity must have an active registration in SAM.gov that shows an "Entity Type" of "U.S. Local Government." The Dashboard provides a link to SAM.gov so that users can verify an active registration and Entity Type.

### Suitability: Population & Wildfire Risk

After searching a location, the opening window of the Dashboard will summarize whether a community is suitable based on both population and wildfire risk criteria, as described below. Being suitable only means the interested party meets the minimum selection criteria and can apply to be ranked against other interested parties.

#### Population Criteria

To meet the population criteria, applicants must have a population of 25,000 or less in their area of protection or service area. The Dashboard will show population data from the 2020 Census. Communities

that meet the population criteria will have a population displayed in bold; this can be copied directly into the grant application.

**Data Source:**

Source: U.S. Census Bureau. (2020). 2020 Census.

**Wildfire Risk Criteria**

To meet the wildfire risk criteria, applicants must have a moderate or higher wildfire risk, defined as  $\geq 40$ th percentile in the national *Risk to Homes* dataset from the [Wildfire Risk to Communities](#) project. Communities that meet the wildfire risk criteria will have their risk ranking displayed in bold; this can be copied directly into the grant application.

The wildfire risk data provided in the Dashboard are summarized for (a) only those portions of communities or counties that are within 1.5 kilometers (approximately 1 mile) of existing housing; and (b) areas identified as burnable, excluding community core areas that are identified as unburnable.

**Data Source:**

Wildfire Risk to Communities. Scott JH, Gilbertson-Day JW, Moran C, Dillon GK, Short KC, & Vogler KC. (2020). Wildfire Risk to Communities: Spatial datasets of landscape-wide wildfire risk components for the United States. Fort Collins, CO: Forest Service Research Data Archive. Updated 25 November 2020. <https://doi.org/10.2737/RDS-2020-0016>

**Contact**

This dataset was compiled by the [Wildfire Risk to Communities](#) team. For more information, please visit <https://wildfirerisk.org> or contact Kelly Pohl with Headwaters Economics: [kelly@headwaterseconomics.org](mailto:kelly@headwaterseconomics.org).