Application Mapping Overview
USDA RUS ReConnect Program
Agenda

• Public Service Area Map
• Service Area Mapping Tool
• Available Resources
• Q&A
Public Service Area Map
Exploring Potential Service Areas

**Combo**

Up to $250M Available

Potential awardees must meet a 100 Mbps symmetrical minimum service requirement in all proposed service areas. The maximum award amount is $25M for the loan and $25M for the grant, and the interest rate is set at the US Treasury Rate. The applications are evaluated in a competitive process.

**100% Grant**

Up to $350M Available

Potential awardees must meet a 100 Mbps symmetrical minimum service requirement in all proposed service areas. The maximum award amount is $35M, and a 25% match is required. The applications are evaluated in a competitive process.

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**Frequently Asked Questions**

**Eligible Service Area**

**NEW Mapping Tool**
Public Service Area Map
Map Layers

Layer List

- Eligibility: FAR Level 4
- Eligibility: Non-Rural Areas
- Eligibility: Pending Applications
- Eligibility: Protected Broadband Borrower Service Areas
- Evaluation: Economic Need of the Community (SAIPE)
- Evaluation: Rurality - 100 Miles from Urbanized Areas
- Evaluation: Socially Vulnerable Communities
- Tribal Lands
Drawing Service Areas
Service Area Output Information

\[
\begin{align*}
\% SVI & = 80.4 \\
\% SAIPE & = 44.13 \\
\% FAR & = 41.94 \\
\hline \\
\text{SUCCESS} & \\
\end{align*}
\]
Upload Shapefile
Map Datasets
USDA has made the datasets used in developing the Service Area Map available to the public for download:

- **Evaluation Criteria Datasets**
  - Economic Need of the Community (SAIPE)
  - Rurality – 100 miles from Urbanized areas
  - Socially Vulnerable Communities

- **Evaluation Criteria and Service Area Eligibility Dataset:**
  - Tribal Lands

- **Service Area Eligibility Criteria Datasets**
  - FAR Level 4
  - Non-Rural Areas
  - Pending Applications
  - Protected Broadband Borrower Service Areas
Map Datasets (Continued)

- The Service Area Map Datasets can be found at [https://www.usda.gov/reconnect/service-area-map-datasets](https://www.usda.gov/reconnect/service-area-map-datasets)

- This page provides:
  - A description of each dataset
  - Ability to download a shapefile or Excel file of each dataset
Service Area Mapping Tool
Introduction to Service Area Mapping in ReConnect Application Portal

- The Service Area Mapping Tool is used to draw PFSAs and NFSA.

- A Proposed Funded Service Area (PFSA) is defined as the area where the applicant is requesting funds to provide broadband service.

- A Non-Funded Service Area (NFSA) is defined as any area in which the applicant offers service or intends to offer service during the forecast period but is not a part of its PFSA.
Service Area Mapping Tool
Adding Service Areas
Add Service Area Window

1. Select Service Area Funding
2. Select Service Area Type
3. Enter Service Area Name
4. Indicate if service area is located in United States territories
5. Add button to finalize
Creating a Service Area Polygon
Drawing Service Areas
Uploading Shapefiles
Marking Households Without Sufficient Access to Broadband
Service Area Data

- Once an applicant has drawn their service area, it is possible to see a variety of data on said service area including: population, household counts, square mileage, congressional districts, etc.
- Applicants can use this information to ensure they have drawn their service areas correctly.
### Census Designated Places

#### Counties

<table>
<thead>
<tr>
<th>County Name</th>
<th>County FIPS</th>
<th>State FIPS</th>
<th>Population</th>
<th>MHI</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Castle County, Delaware</td>
<td>003</td>
<td>10</td>
<td>521,325</td>
<td>$62,474.00</td>
</tr>
</tbody>
</table>

#### County Subdivisions/Townships

<table>
<thead>
<tr>
<th>Community Name</th>
<th>County FIPS</th>
<th>State FIPS</th>
<th>Population</th>
<th>MHI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brandywine CCD, New Castle County, Delaware</td>
<td>003</td>
<td>10</td>
<td>34,275</td>
<td>$72,837.00</td>
</tr>
<tr>
<td>Glasgow CCD, New Castle County, Delaware</td>
<td>003</td>
<td>10</td>
<td>14,987</td>
<td>$84,823.00</td>
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<tr>
<td>New Castle CCD, New Castle County, Delaware</td>
<td>003</td>
<td>10</td>
<td>33,709</td>
<td>$54,558.00</td>
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</table>
### Population Breakdown By Race

<table>
<thead>
<tr>
<th>Race</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>4</td>
</tr>
<tr>
<td>Black or African American</td>
<td>0</td>
</tr>
<tr>
<td>Native American or Alaskan Native</td>
<td>0</td>
</tr>
<tr>
<td>Native Hawaiian or Pacific Islander</td>
<td>0</td>
</tr>
<tr>
<td>White</td>
<td>109</td>
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<tr>
<td>Multiple Races Selected</td>
<td>1</td>
</tr>
<tr>
<td>Other Race</td>
<td>0</td>
</tr>
</tbody>
</table>

### Population Breakdown By Ethnicity

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic or Latino</td>
<td>1</td>
</tr>
<tr>
<td>Not Hispanic or Latino</td>
<td>113</td>
</tr>
</tbody>
</table>
Saving Service Areas

The service area has been saved successfully.
Ineligible Area Encroachment

Warning

This service area has drawings or shapefiles which overlap an ineligible area.

Saving can proceed, but adjustments may need to be made later.

Proceed  Cancel
Without Sufficient Access to Broadband Error Warning

To save drawn SA, 90% of households without sufficient access broadband is required for Loan applications.
Service Area Map Linkages
The PFSA(s) inform multiple sections of the applications:

- Capital Investment Workbook (CIW)
- Local Network Services Revenue (Subscriber Projections)
- Evaluation Criteria
- Construction Map and Environmental Components of Application
- Competitor Service Offering

Note: Changes to the PFSAs and NFSAs may have downstream effects on the components of the application. It is necessary to map your service areas before going on to other parts of the application.
What to Include in the Service Area Map

• Proposed Funded and Non-Funded Service Areas? **YES**
• Common Network Facility Assets such as Backhaul? **NO**
Available Resources
Available Resources

- **Register for upcoming events** [https://www.usda.gov/reconnect/events](https://www.usda.gov/reconnect/events)
- **ReConnect website** [https://www.usda.gov/reconnect](https://www.usda.gov/reconnect)
  - Fact Sheets & Frequently Asked Questions
- **Contact Us** [https://www.usda.gov/reconnect/contact-us](https://www.usda.gov/reconnect/contact-us)
- **FY 2022 Funding Opportunity Announcement**
- **Regulation** [https://www.govinfo.gov/content/pkg/FR-2021-02-26/pdf/2021-03443.pdf](https://www.govinfo.gov/content/pkg/FR-2021-02-26/pdf/2021-03443.pdf)
- **General Field Representative (GFR) & State Office**
  - [https://www.rd.usda.gov/contact-us/telecom-gfr/all](https://www.rd.usda.gov/contact-us/telecom-gfr/all)
  - [https://www.rd.usda.gov/contact-us/state-offices](https://www.rd.usda.gov/contact-us/state-offices)