Disaster Loan Data Explorer & Recovery Index

User Guide

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Welcome to the SBA ODR&R Disaster Loan Data Explorer! This tool was designed by DART to give users a look at nearly 20 years of disaster lending data, combined with other relevant data to offer a robust picture of the disaster lending landscape and provide helpful background for research and response. Use this tool to select counties and download a table with 86 fields of disaster, loan, history, and demographic data. For more information on these fields, see the data dictionary available on the application landing page. For more information on the Recovery Index, see the last section of this document.
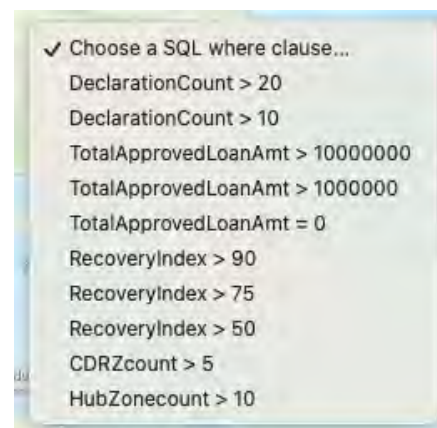
RESEARCH

Use the Research map to see answers to common data requests or view data on an individual county.

The SQL query selection dropdown in the upper left contains our ten most common data requests. Choose from:

Counties with 20+ declarations
Counties with 10+ declarations
A total approved loan amount over $10 million
A total approved loan amount of over $1 million
$0 in total approved loans
A Recovery Index of 90+
A Recovery Index of 75+
A Recovery Index of 50+
Counties with more than 5 Community Disaster Resilience Zones (CDRZ)
Counties with more than 10 HUB (Historically Underutilized Business) Zones

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Choosing any one of these will select all counties that fit the selected criteria. If just need a visual is needed, this map fits SBA branding standards, so a screenshot may be sufficient to meet requirements.
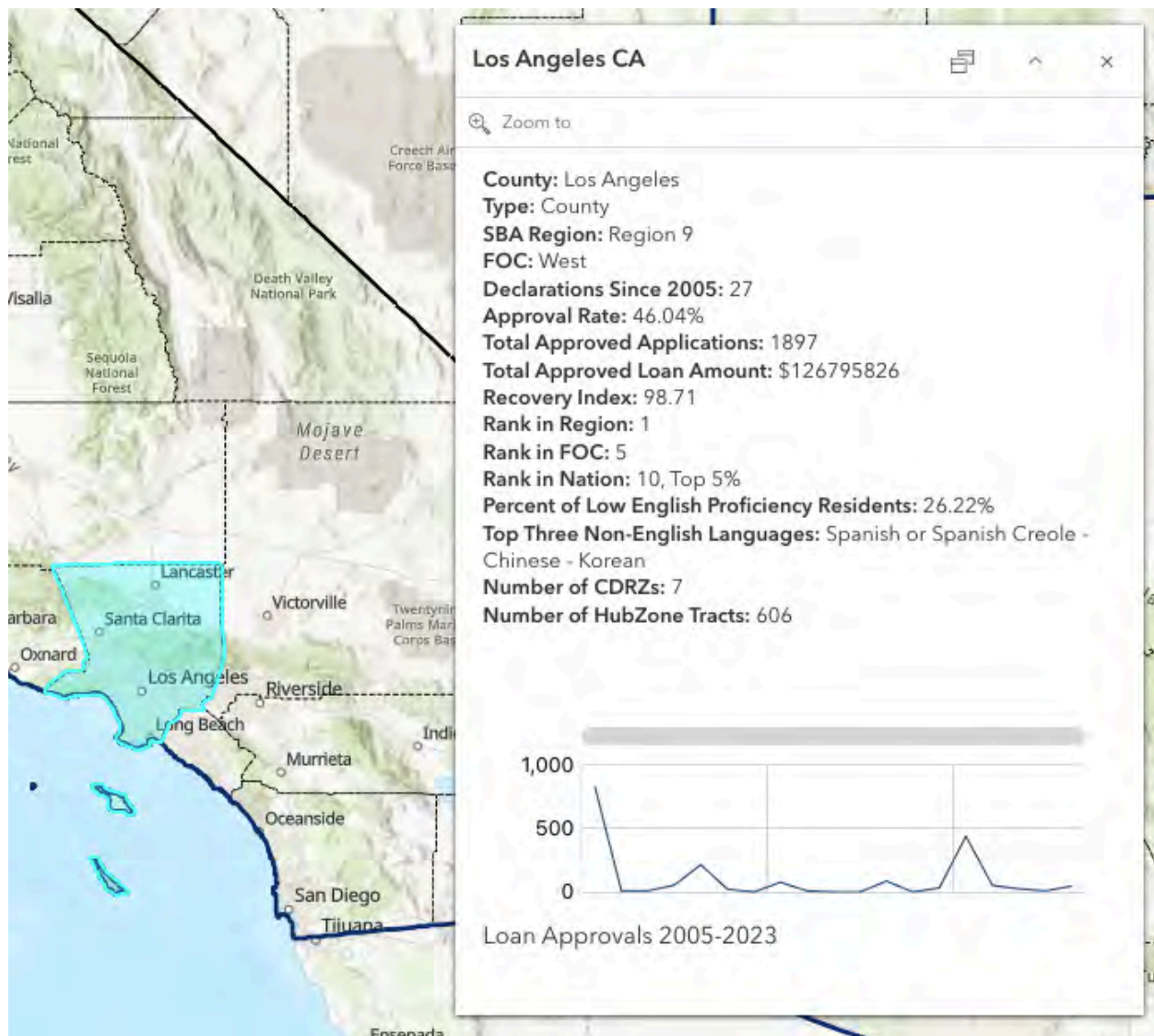
For the underlying data, click the Export Selected Counties as CSV button in the lower right.

A prompt will appear to enter a filename; enter a logical title for the file or leave it with the default 'selected_counties.csv.' Click OK. The download will begin automatically.

To perform further analyses, click Reset Map in the lower right to return the map to its initial state.

For a quick look at just one county, navigate to the county using the mouse or the zoom in/out buttons in the upper left corner. Click on the county and a popup window will appear with a selection of relevant data and a small chart showing loan approvals 2005-2023.
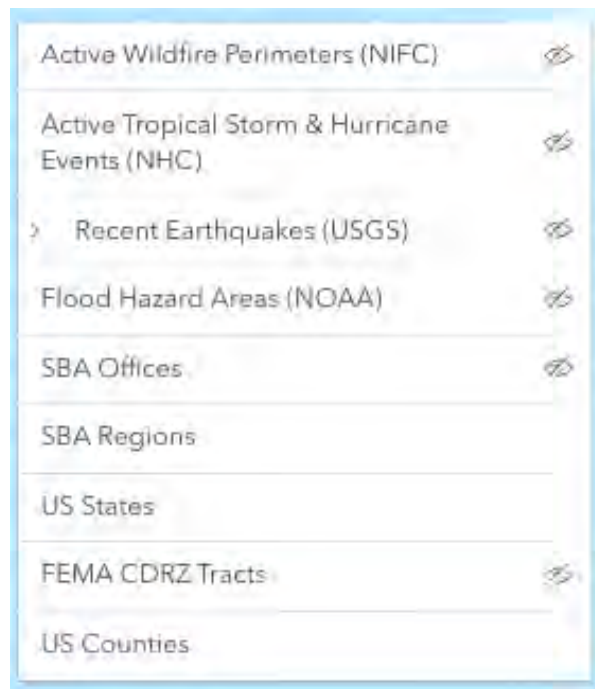
RESPONSE

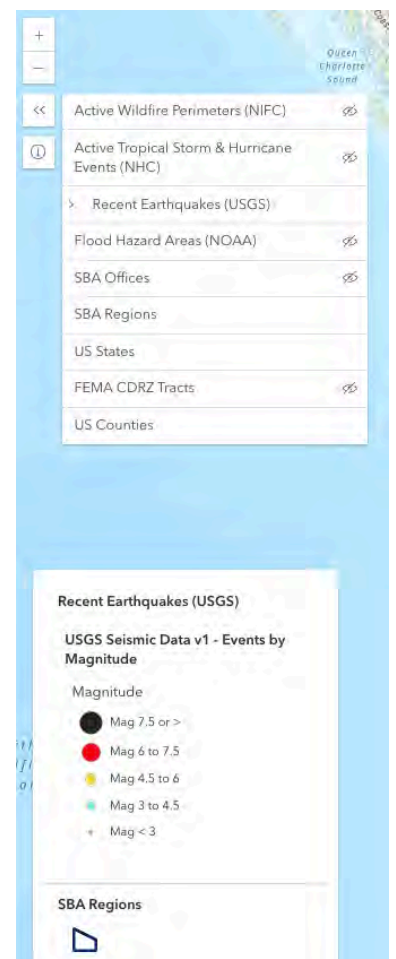Use the Response map to view data on counties under active or likely emergency response.

The map open with no disaster layers active. Use the Layers list tool in the upper left to select a disaster type:
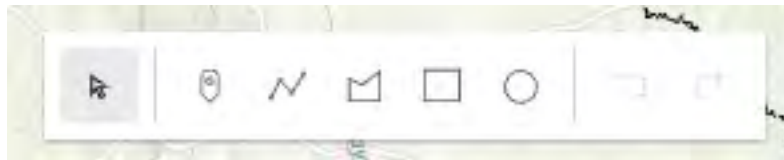
The DLDE currently can show active wildfire perimeters, active tropical storm & hurricane events, recent earthquakes, and flood hazard areas. The tool also can display SBA District Offices and CDRZ tracts. To request additional hazard types or base layers, please contact DART.

To activate a layer, click on the icon. The layer will appear on the map. The dynamic legend in the lower left will update automatically to show the activated layer.

Use the mouse or zoom in/out of the hazard area. Note that wildfire hazard events are typically very small compared to the other hazard types!
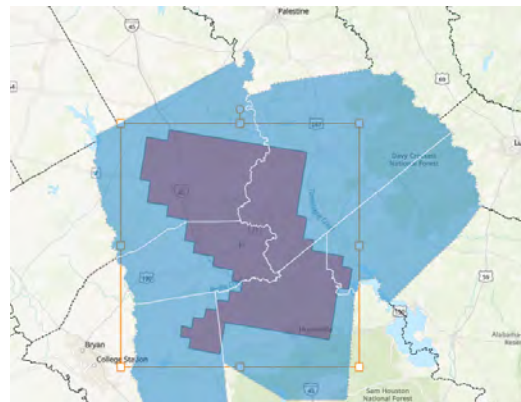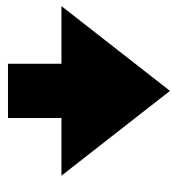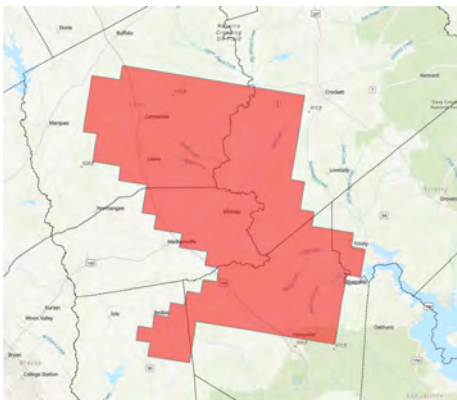
Hazards do not typically respect county borders. Use the selection tools in the upper right to select the counties to explore.

Click the marker to select a point, the line to select along a line (useful for hurricane paths), the polygon to select counties by making a custom shape, the square to select counties within a quadrilateral, or the circle to select counties within an expanding circle.

Tip: if not sure which to choose, use the ⌂ polygon .

Click the polygon tool to trace the outline of the hazard area, clicking to create each vertex. Double click to complete the shape.

To export a table containing the selected counties, click the Export Selected Counties as CSV button in the lower right.

Export Selected Counties as CSV

A prompt will appear to enter a filename; enter a logical title for the file or leave it with the default 'selected_counties.csv.' Click OK. The download will begin automatically.

To perform further analyses, click Reset Map in the lower right to return the map to its initial state.

RECOVERY INDEX

The Recovery Index is calculated from an intra-region ranking of disaster declaration count (25% weight), an intra-region ranking of the sum total of approved loans in dollars (25% weight), and the raw score of the FEMA National Risk Index (50% weight). Puerto Rico, USVI, and Guam are not included in this Index, as there is insufficient NRI data available. The Index is used to help Recovery Coordinators identify their 'frequent flyers' for which it could be helpful to direct limited steady-state resources in relationship and capacity building.

Recovery Index Rankings for all SBA Regions
(top twenty only)

County, State	Rank in Region	Rank in FOC	Rank in Nation
Harris, TX	1	1	1
Cook, IL	1	1	2
Broward, FL	1	2	3
Lee, FL	2	3	4
Miami-Dade, FL	3	4	5
St. Louis County, MO	1	2	6
Fort Bend, TX	2	3	7
Mobile, AL	4	5	8
Galveston, TX	3	4	9
Los Angeles, CA	1	5	10
Hillsborough, FL	5	6	11
Palm Beach, FL	6	7	12
Pinellas, FL	7	8	13
Philadelphia, PA	1	9	14
Collier, FL	8	10	15
Harrison, MS	9	11	16
Brazoria, TX	4	6	17
Volusia, FL	10	12	18
Jefferson, TX	5	7	19
King, WA	1	8	20