



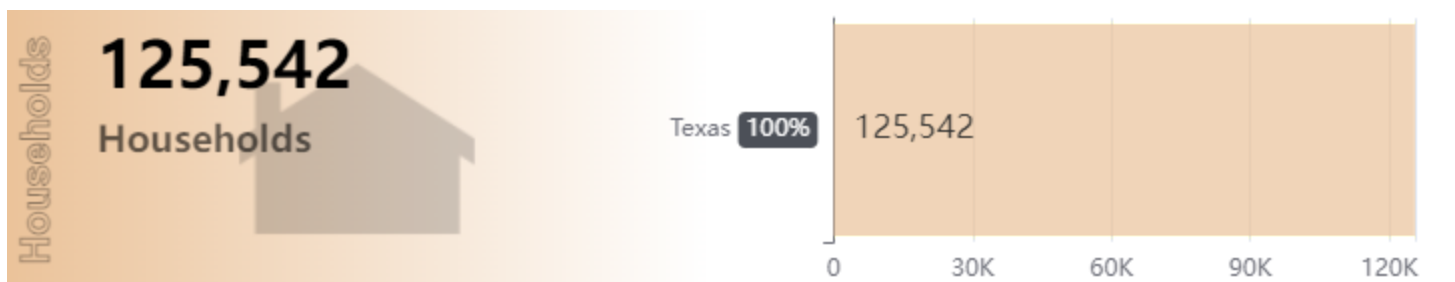
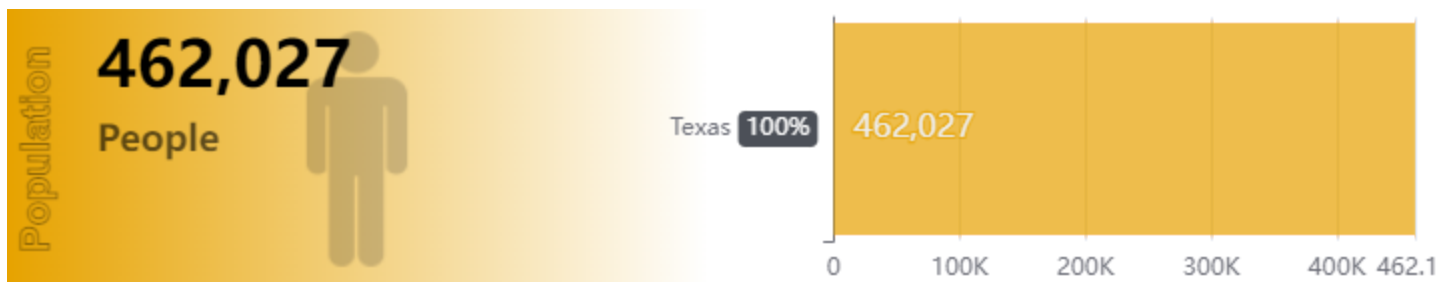
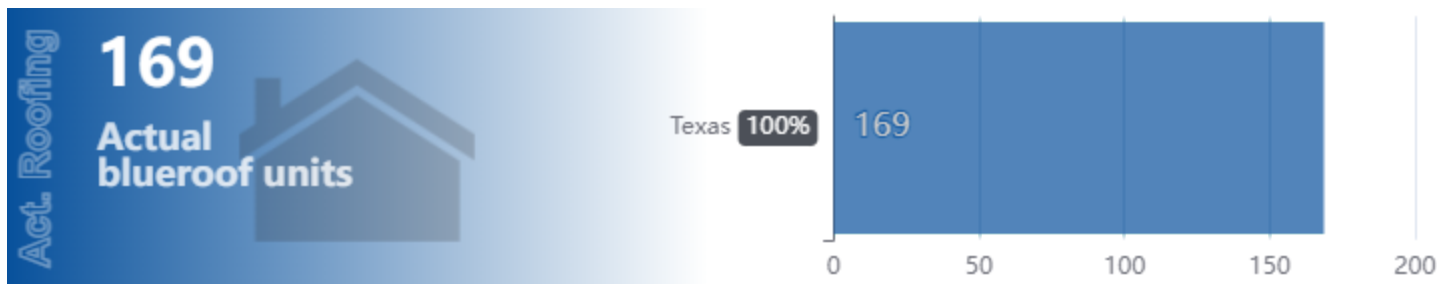
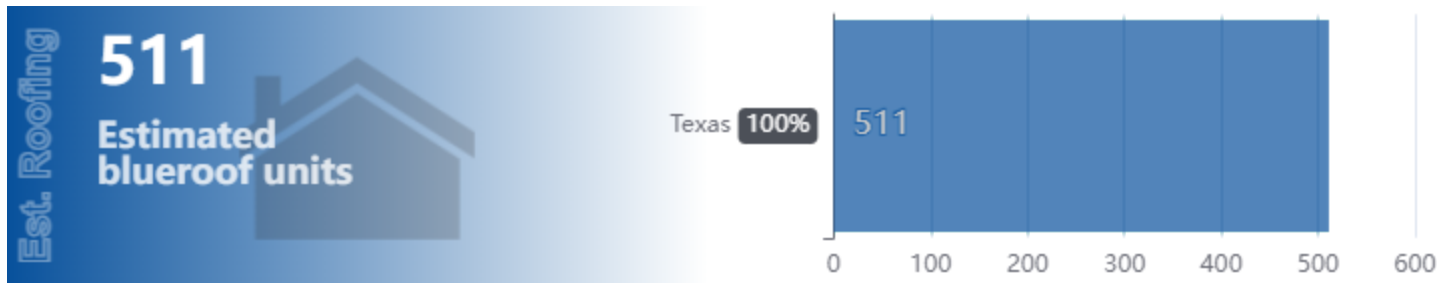
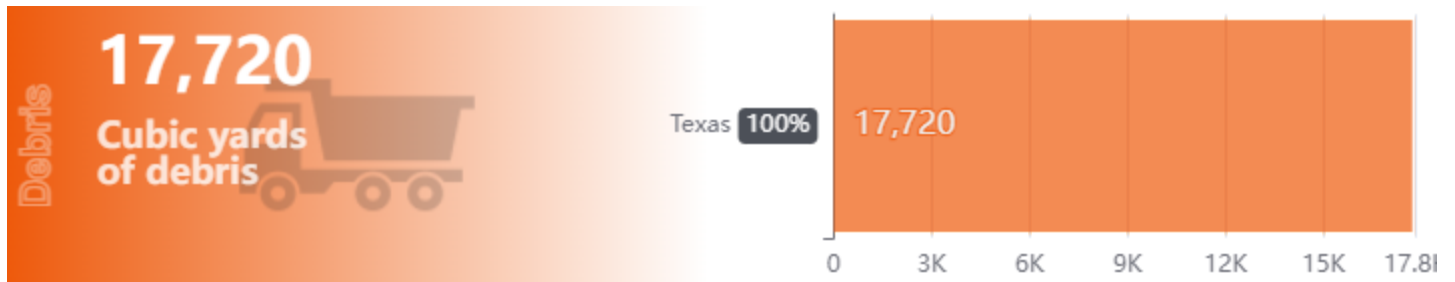
Hurricane Beryl - Advisory #28

For planning purposes only!

WASHINGTON, DC
11:57
Jul 5, 2024

CHICAGO
10:57
Jul 5, 2024

LOS ANGELES
08:57
Jul 5, 2024



Mission Model Results

The mission models account for storm surge and wind damage only, but do not account for other related storm hazards that may affect the mission estimates.

SUMMARY
3 counties

Debris (cu.yds.)	17,720
Roofing Est. (units)	511
Roofing Act. (units)	169
Population	462,027
Households	125,542

POPULATION DISTRIBUTION

Centroid Swath	Population
TS (2)	461,582
Cat 1 (1)	445

TEXAS

Name	Debris (cu.yds.)	Roofing Est. (units)	Roofing Act. (units)	Population	Households
Willacy	2,313	67	22	19,597	5,764
Kenedy	142	4	1	445	147
Cameron	15,265	440	145	441,985	119,631

Critical Infrastructure Results

SUMMARY
18 facilities

Power required (KW)	291
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COMMUNICATIONS

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Cellular Towers (6)	4	35-75	198

EDUCATION

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Public Schools (1)	0	200-300	75

EMERGENCY SERVICES

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
National Shelter System Facilities (1)	0	0-0	0
Fire Stations (2)	0	15-35	5
Emergency Medical Service (EMS) Stations (3)	0	15-35	8

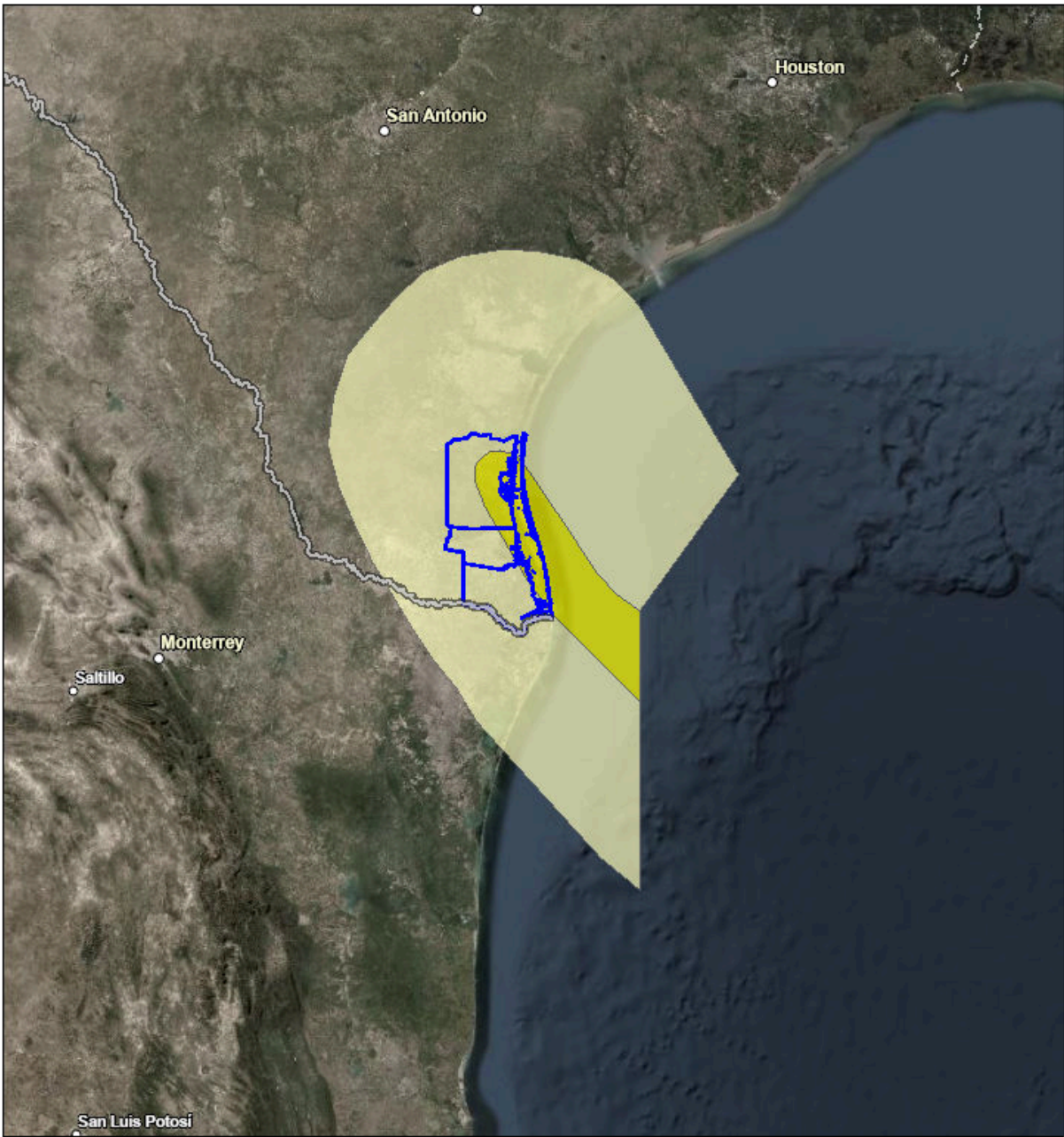
LAW ENFORCEMENT

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Law Enforcement Locations (2)	0	15-35	5

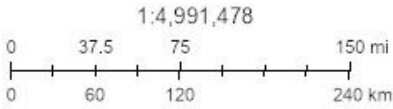
POWER

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Electric Power Generation Plants (3)	0	0-0	0

Letter ANSI A Portrait



- Counties
- Mission Model Swaths
- TS
- Cat 1



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

Created by SimSuite



Key Messages for Hurricane Beryl

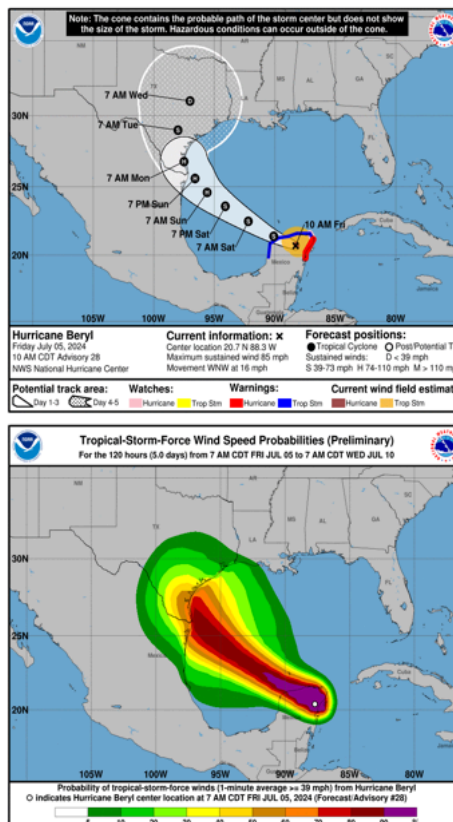
Advisory 28: 10:00 AM CDT Fri Jul 05, 2024



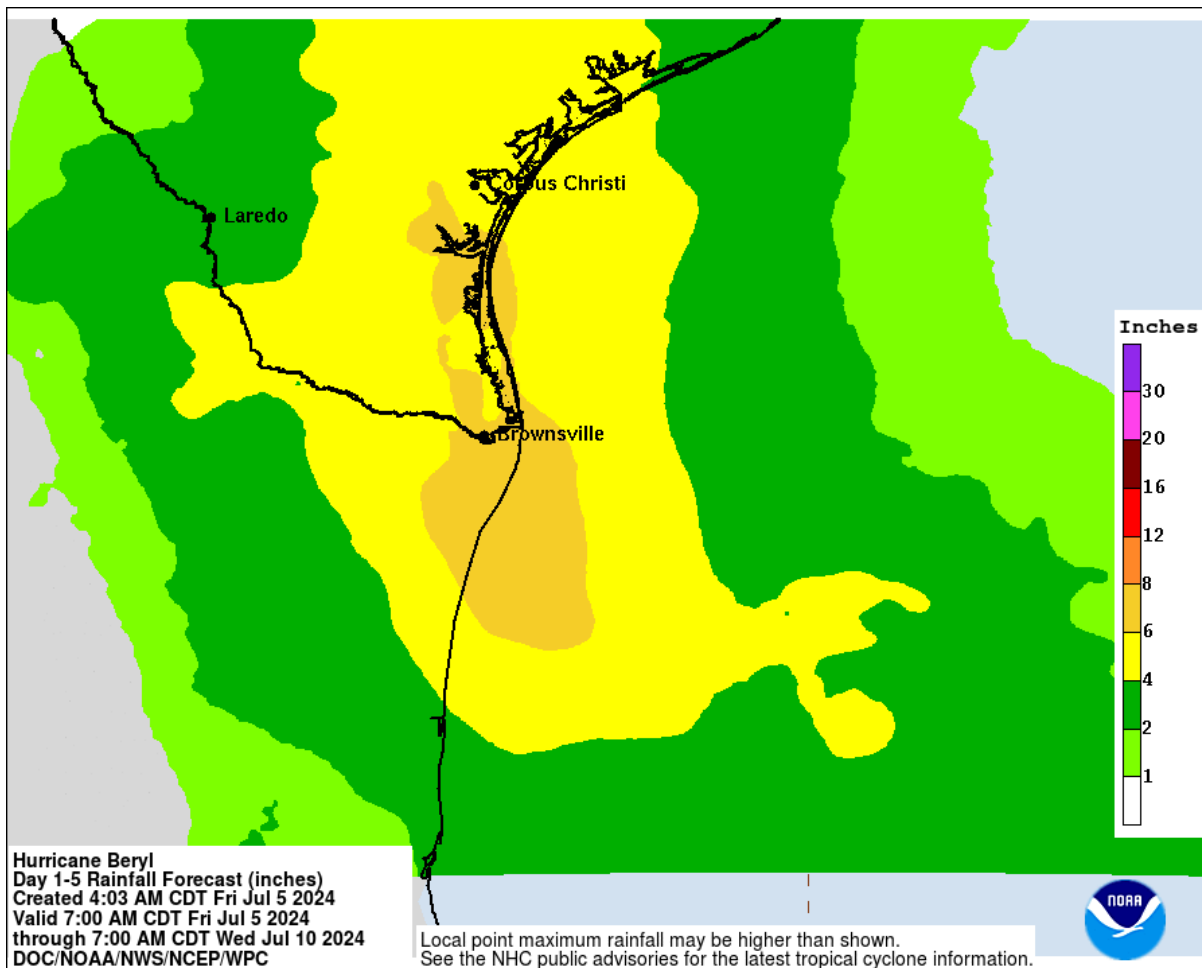
1. Dangerous winds, storm surge, and heavy rainfall will continue over portions of the Yucatan Peninsula within the warning areas today. Residents there should shelter in place until these life-threatening conditions subside.

2. There is an increasing risk of hurricane-force winds, life-threatening storm surge, and flooding from heavy rainfall in portions of northeastern Mexico and the lower and middle Texas coast late Sunday and Monday. Interests in these areas should closely monitor updates to the forecast. Storm Surge, Hurricane and Tropical Storm Watches will likely be issued later today.

3. Rip currents will cause life-threatening beach conditions beginning late today and continuing through the weekend across much of the Gulf coast. Beachgoers should heed warning flags and the advice of lifeguards and local officials before venturing into the water.



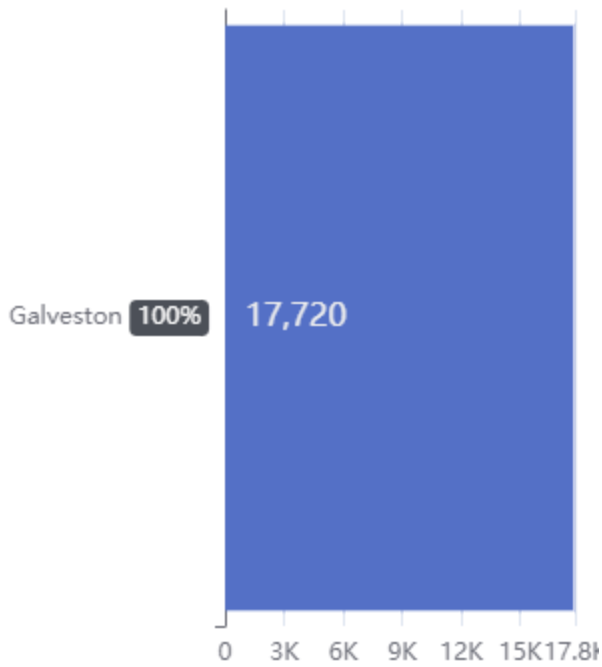
For more information go to hurricanes.gov



Mission Model Summary

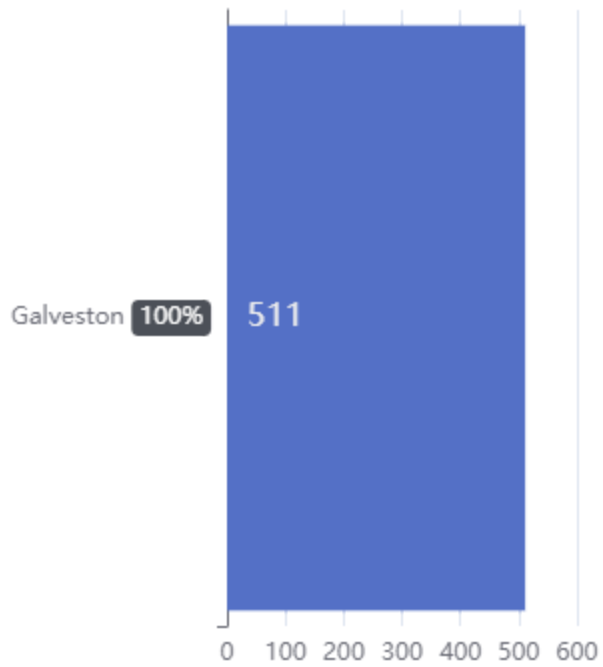
17,720 Cubic Yards

Total Debris By USACE District



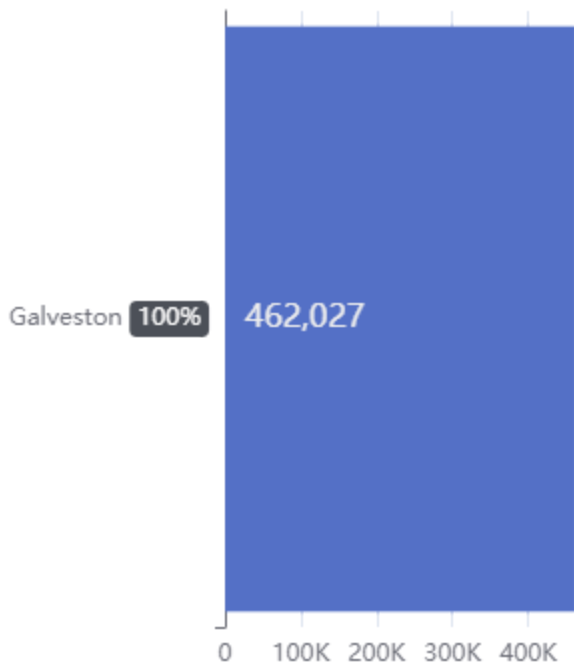
511 Units

Total Estimated Roofing By USACE District



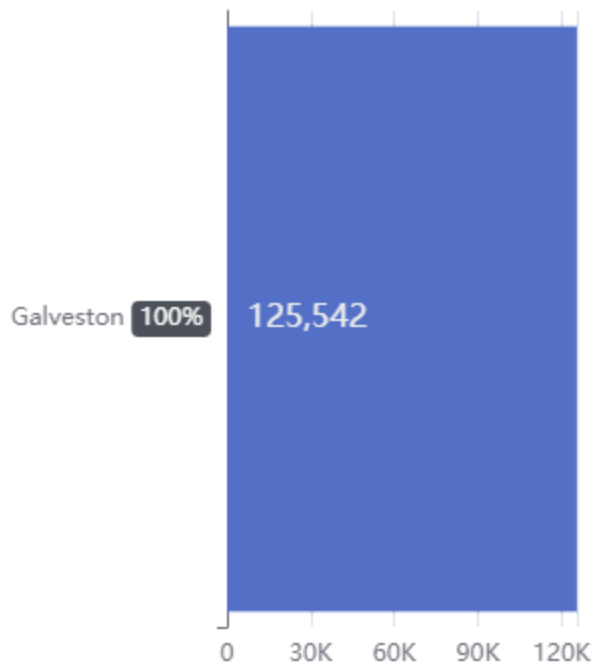
462,027 People

Total Population By USACE District



125,542 Households

Total Households By USACE District

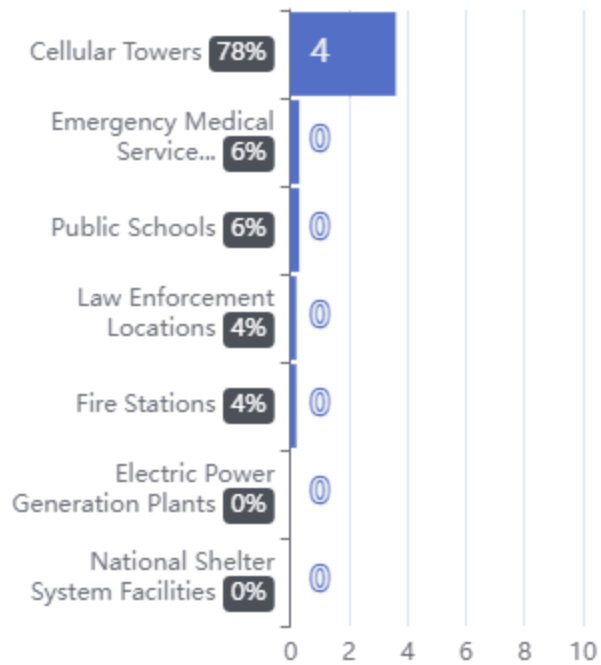


Critical Infrastructure Summary



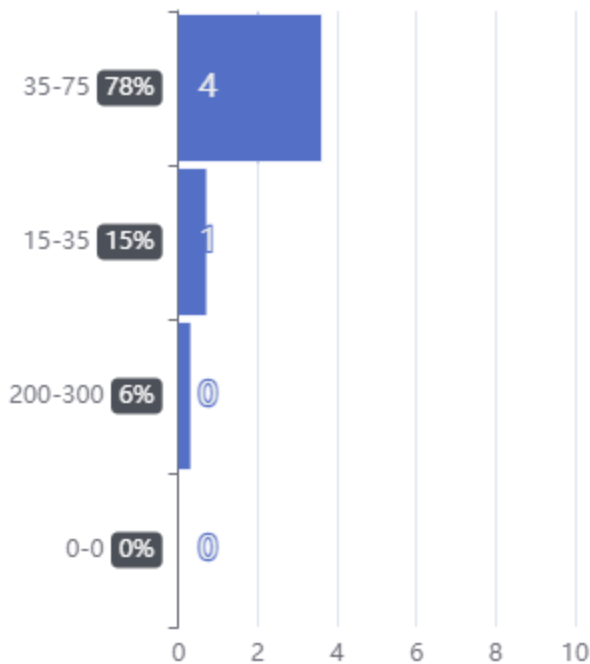
Generators

By Generator Count



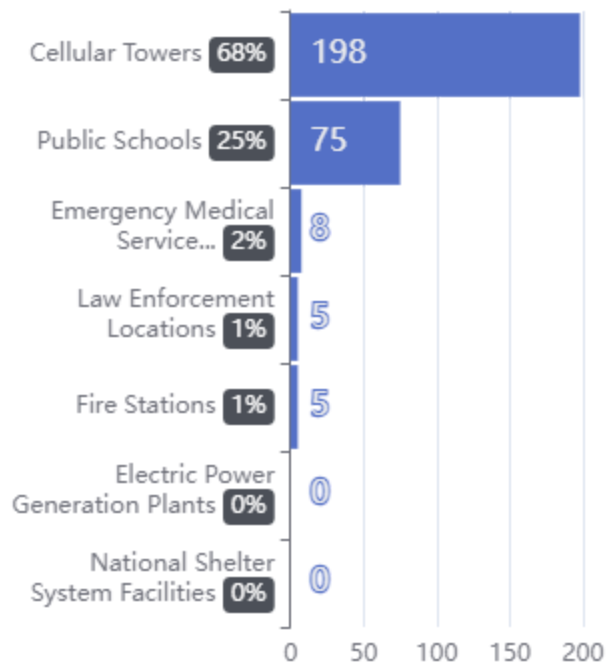
Generators

By Range



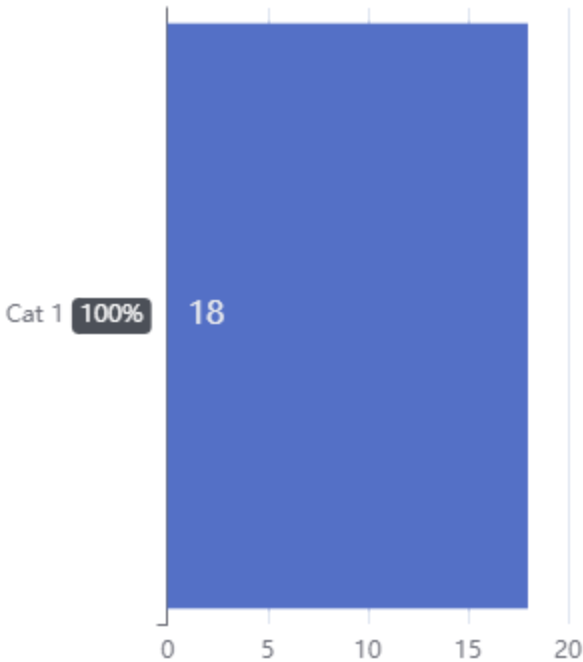
Generators

By Power Requirement (KW)



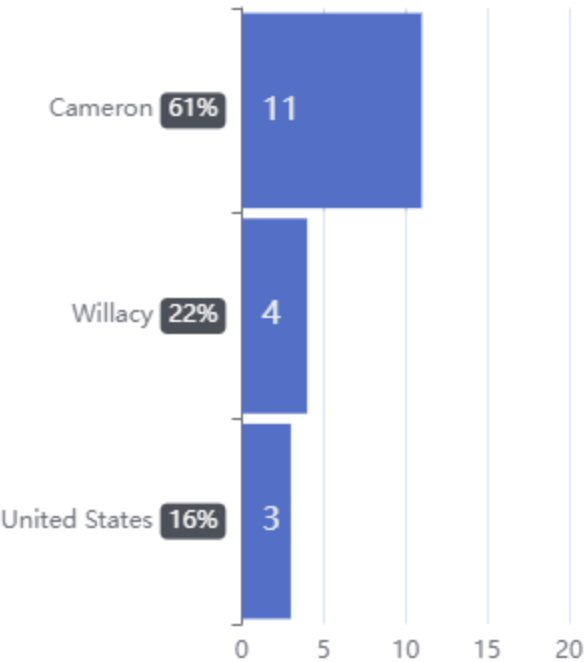
Structures

By Intensity



Structures

By County

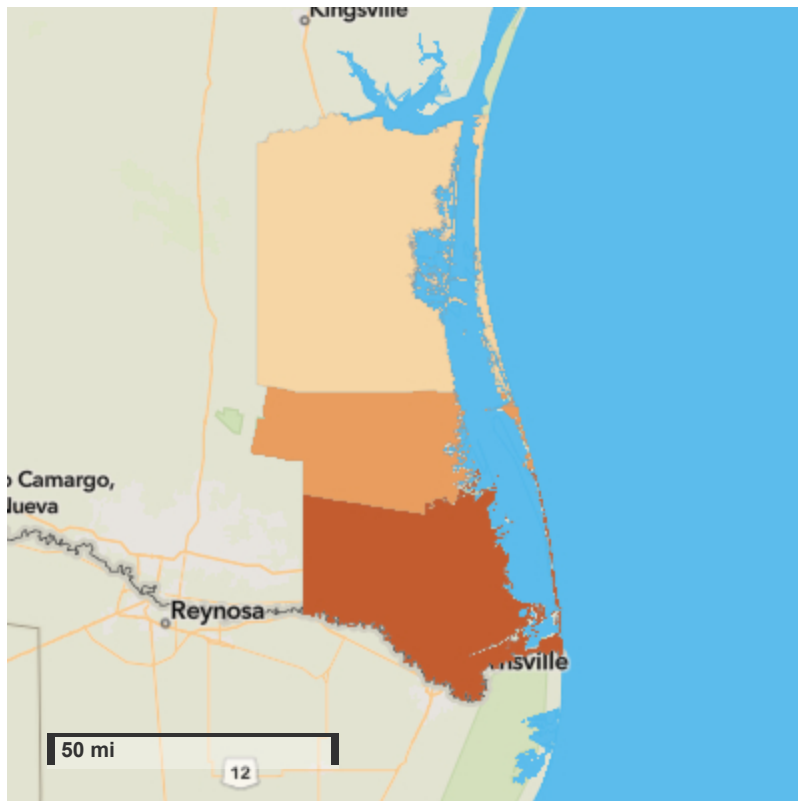
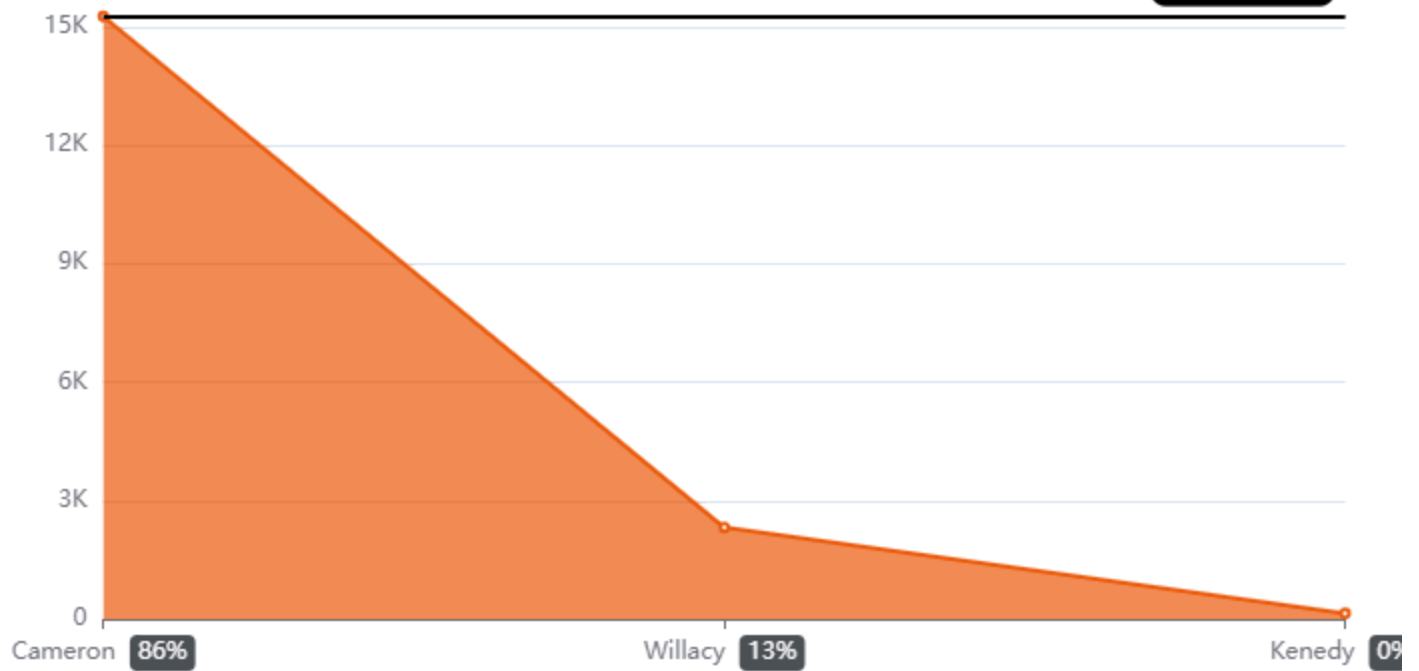


Debris

17,720 Cubic Yards

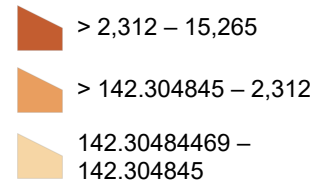
Total Debris by County

MAX: 15,265



Mission Models

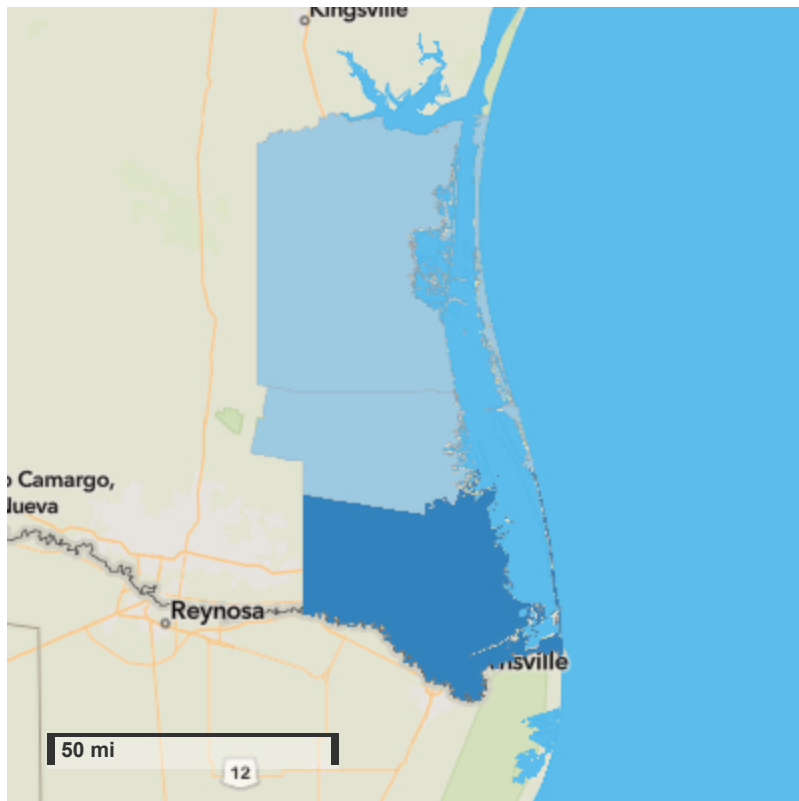
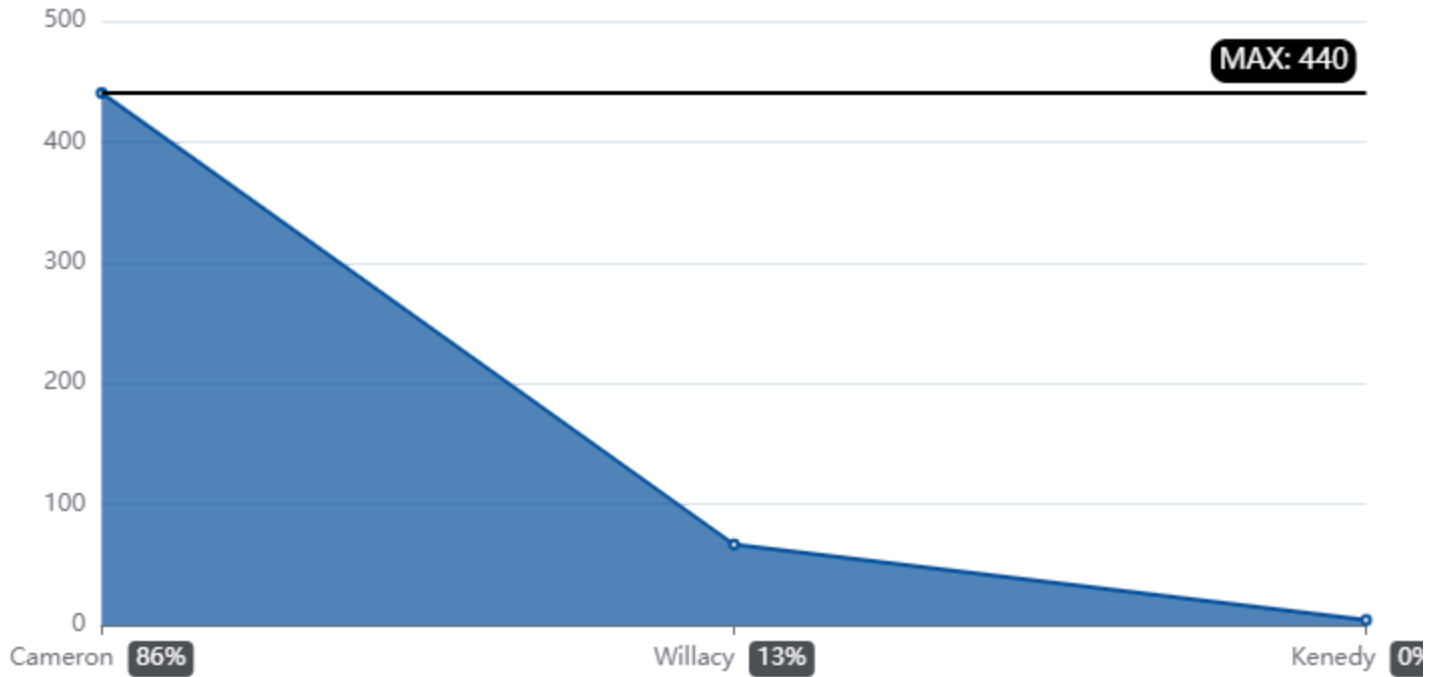
Debris (cu.yds.)



Estimated Temporary Roofing

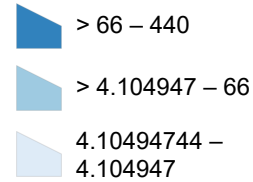
511 Units

Total Estimated Roofing by County



Mission Models

Roofing Est. (units)

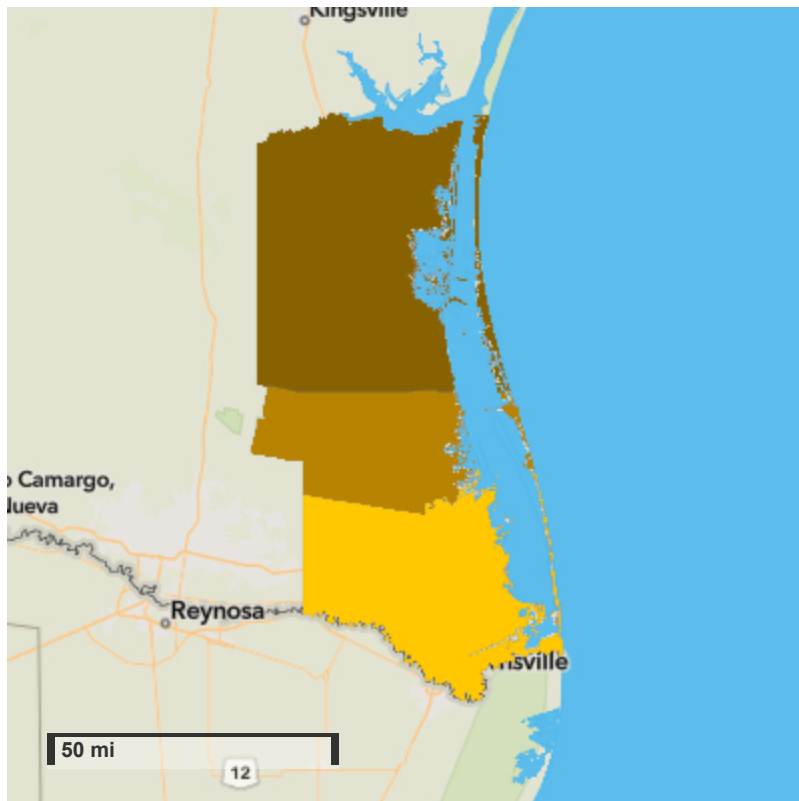
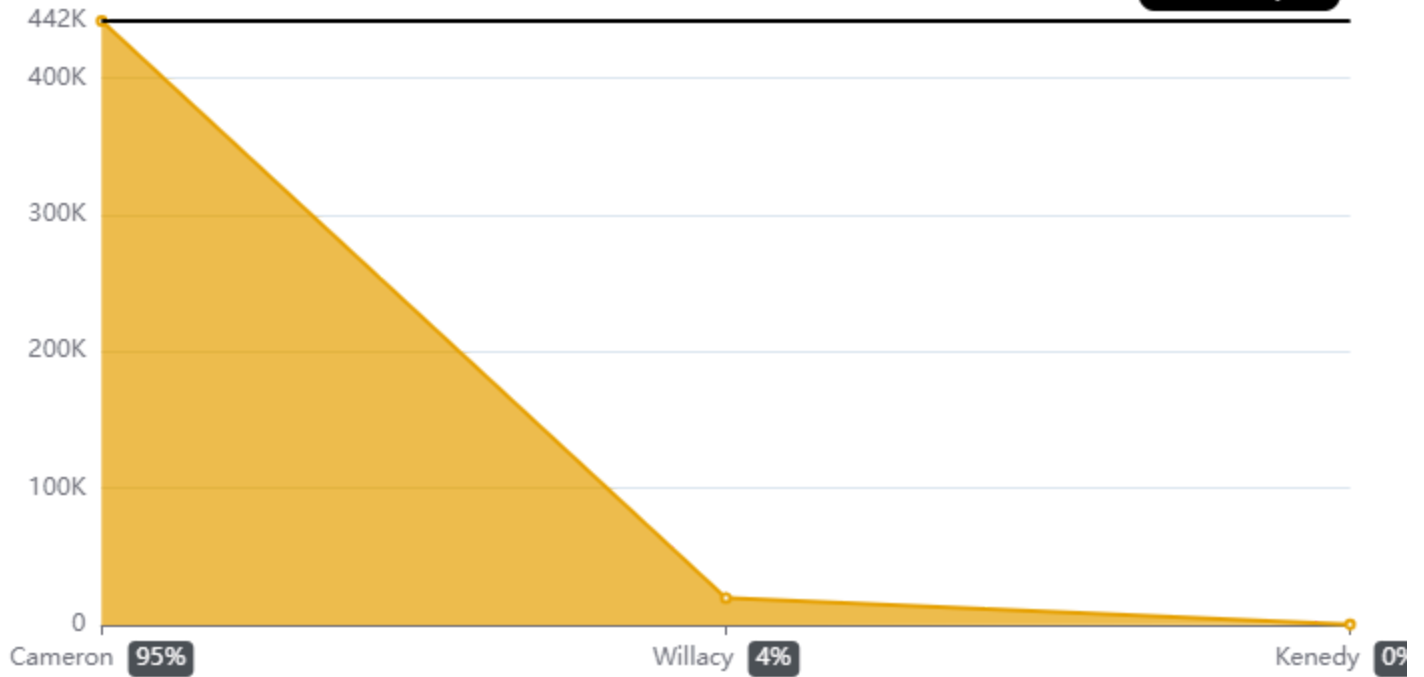


Population

462,027 People

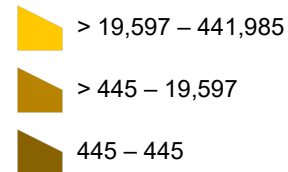
Total Population by County

MAX: 441,985



Mission Models

Population

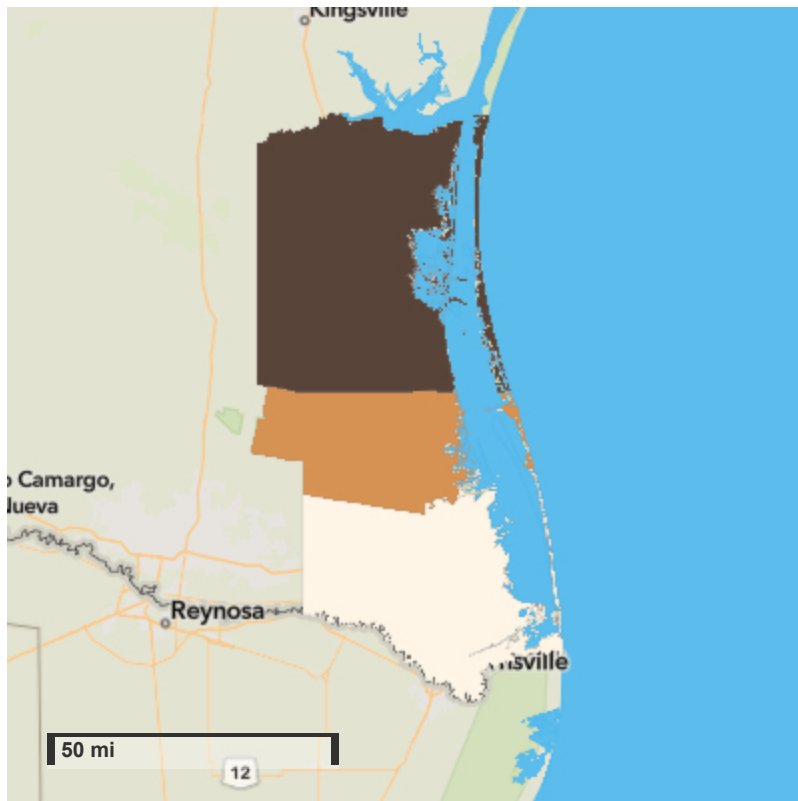
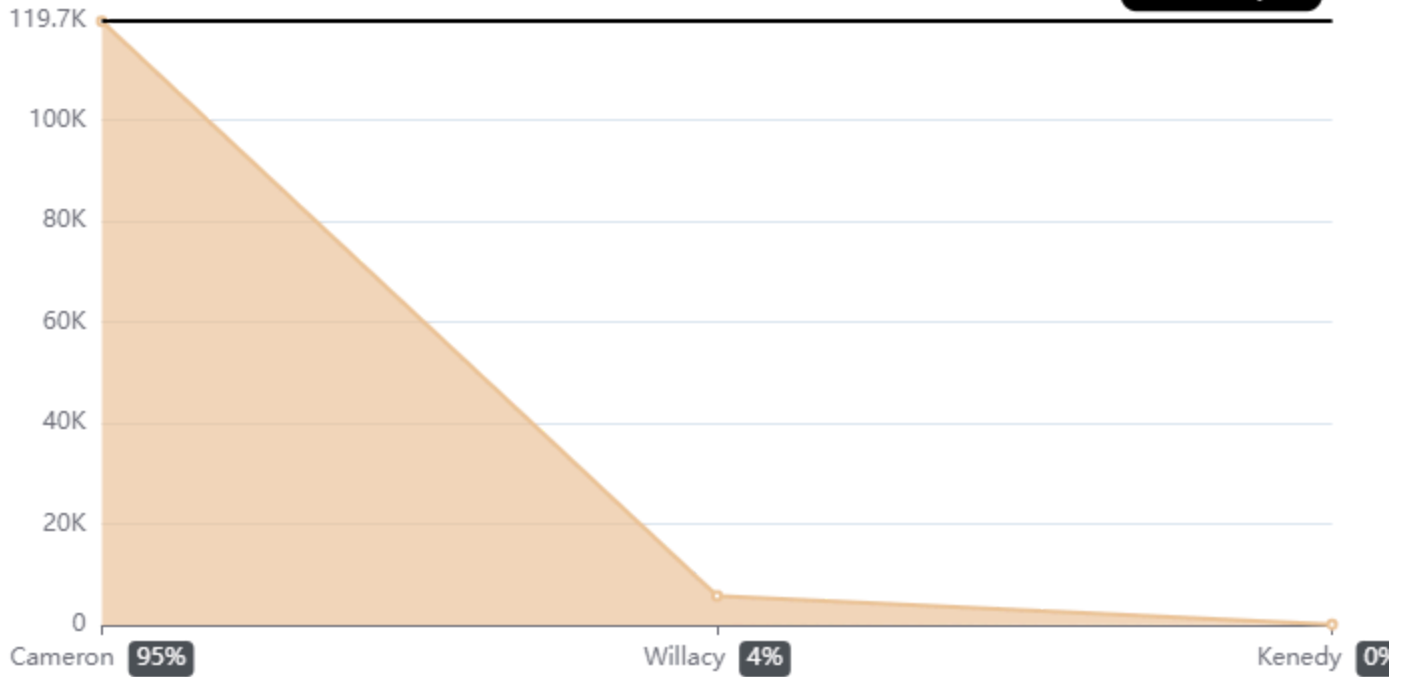


Households

125,542 Households

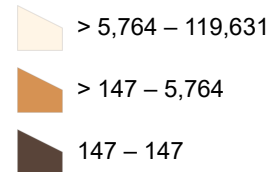
Total Households by County

MAX: 119,631



Mission Models

Households



Poverty Level

County	Cat	Pop. below Federal poverty line	% Population
Kenedy County	1	3	3
Cameron County	1	106,182	25
Willacy County	1	5,032	27

Social Vulnerability Index

Possible scores range from 0 (lowest vulnerability) to 1 (highest vulnerability).

County	Cat	Overall SVI Score
Willacy	1	0.989
Cameron	1	0.976
Kenedy	1	0.733