



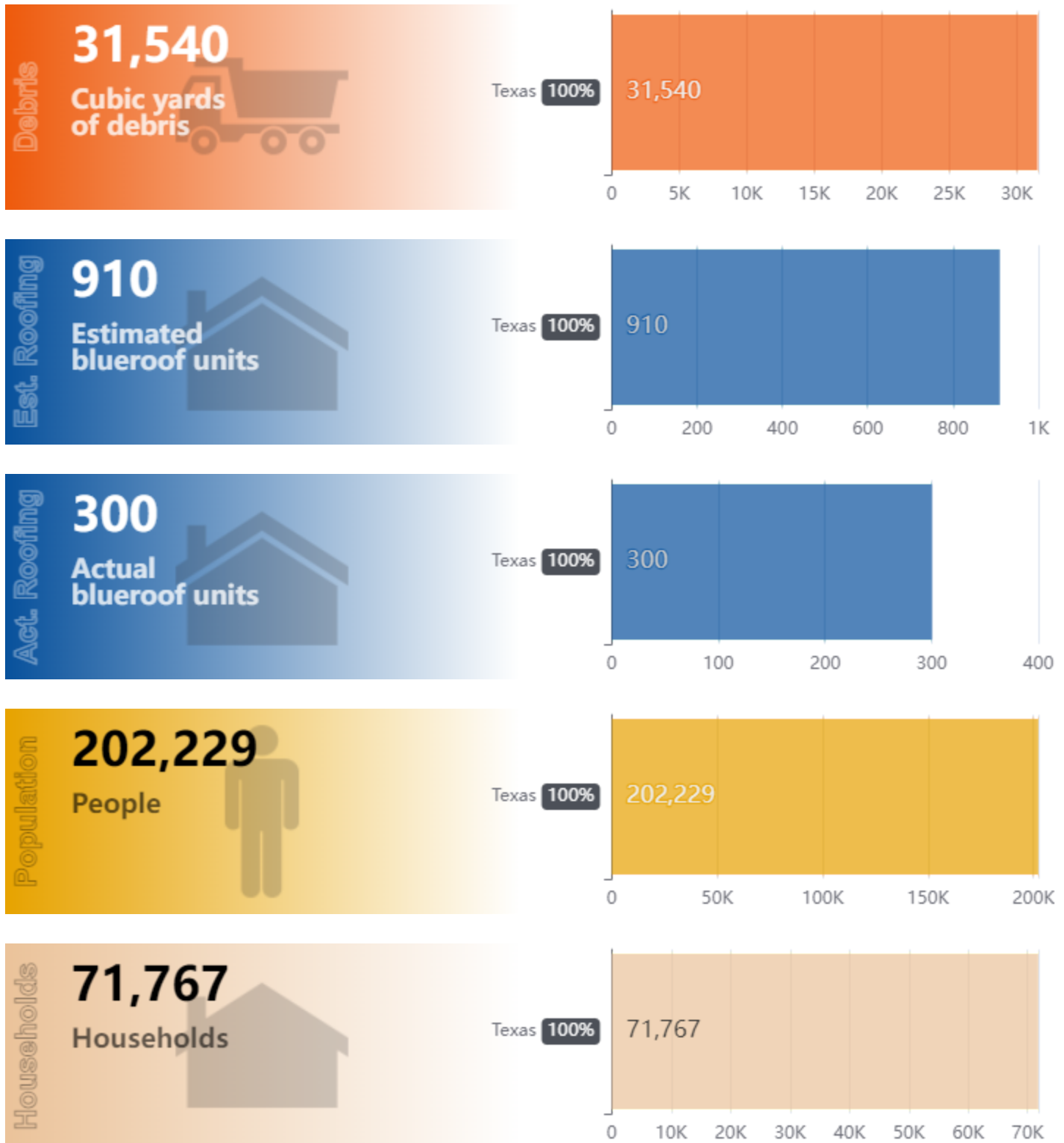
Hurricane Beryl - Advisory #33

For planning purposes only!

WASHINGTON, DC
17:53
Jul 6, 2024

CHICAGO
16:53
Jul 6, 2024

LOS ANGELES
14:53
Jul 6, 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
6 counties

Debris (cu.yds.)	31,540
Roofing Est. (units)	910
Roofing Act. (units)	300
Population	202,229
Households	71,767

POPULATION DISTRIBUTION

Centroid Swath	Population
TS (5)	179,633
Cat 1 (1)	22,596

TEXAS

Name	Debris (cu.yds.)	Roofing Est. (units)	Roofing Act. (units)	Population	Households
Victoria	8,156	235	78	92,806	32,187
Refugio	163	5	2	7,244	2,841
Matagorda	366	11	3	38,570	13,894
Jackson	4,120	119	39	15,178	5,284
Calhoun	17,856	515	170	22,596	7,766
Aransas	878	25	8	25,835	9,795

Critical Infrastructure Results

SUMMARY 89 facilities

Power required (KW)	4,889
----------------------------	-------

COMMUNICATIONS

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Cellular Towers (14)	8	35-75	462

EDUCATION

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Public Schools (16)	5	200-300	1,200
Private Schools (2)	0	200-300	0

EMERGENCY SERVICES

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
National Shelter System Facilities (1)	0	0-0	0
Fire Stations (11)	1	15-35	28
Emergency Medical Service (EMS) Stations (11)	1	15-35	28

HEALTHCARE

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Nursing Homes (4)	1	35-100	41
Hospitals (2)	1	800-2000	840

LAW ENFORCEMENT

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Law Enforcement Locations (16)	2	15-35	40

POWER

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Electric Power Generation Plants (6)	0	0-0	0

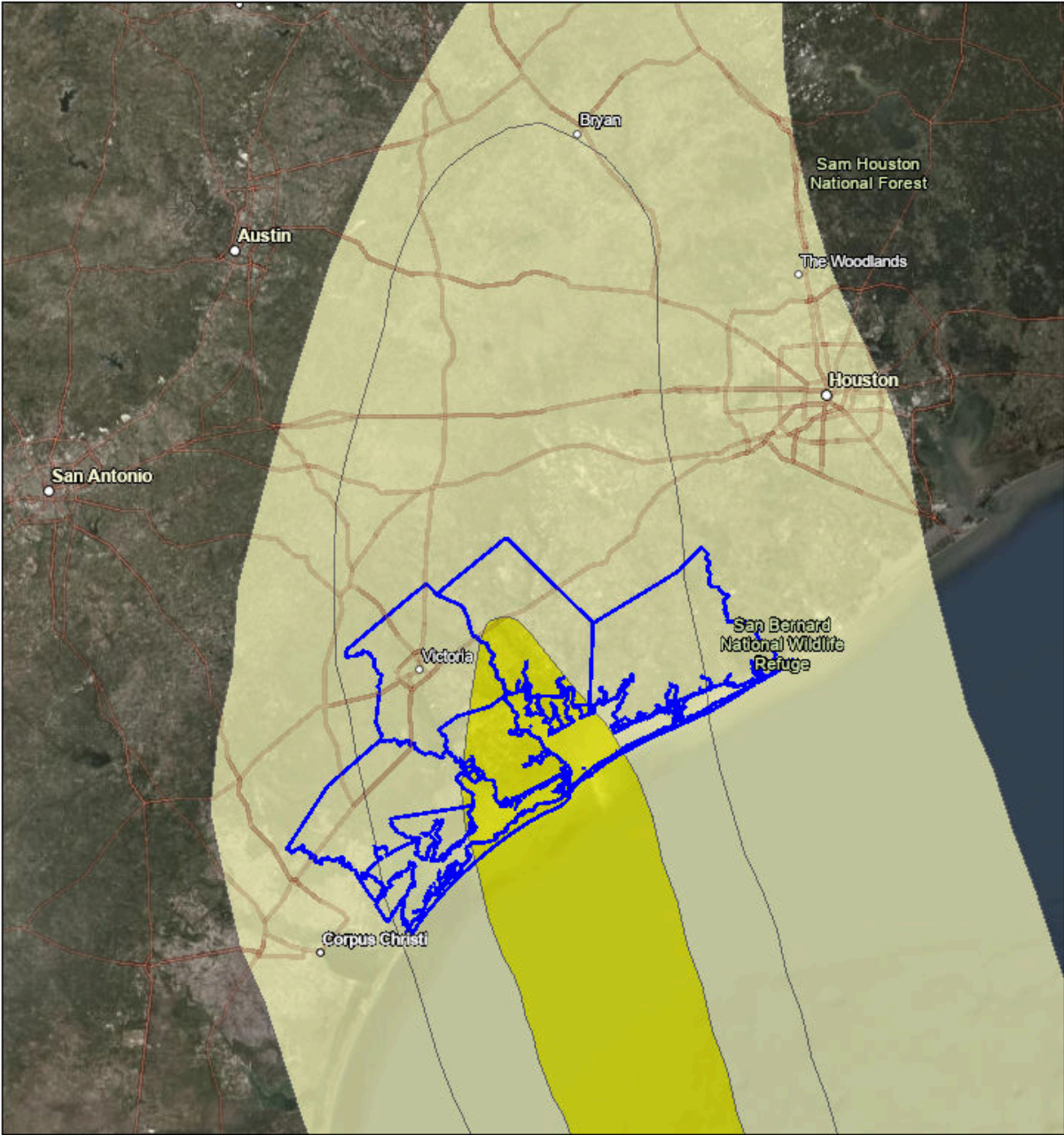
STATE AND LOCAL EOCS

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Local Emergency Operations Centers (EOC) (2)	0	15-40	11

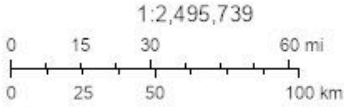
WATER AND WASTEWATER

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Wastewater Treatment Plants (4)	2	800-2000	2,240

Letter ANSI A Portrait



- Counties
- Mission Model Swaths
 - TS
 - Cat 1



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

Created by SimSuite



Key Messages for Tropical Storm Beryl



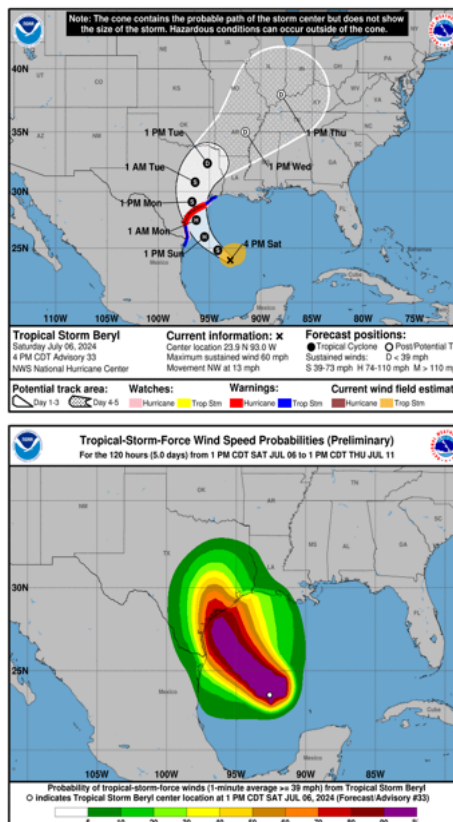
Advisory 33: 4:00 PM CDT Sat Jul 06, 2024

1. There is a danger of life-threatening storm surge inundation late Sunday night and Monday along the coast of Texas from the north entrance to the Padre Island National Seashore to San Luis Pass. Residents in that area should follow any advice given by local officials and follow evacuation orders.

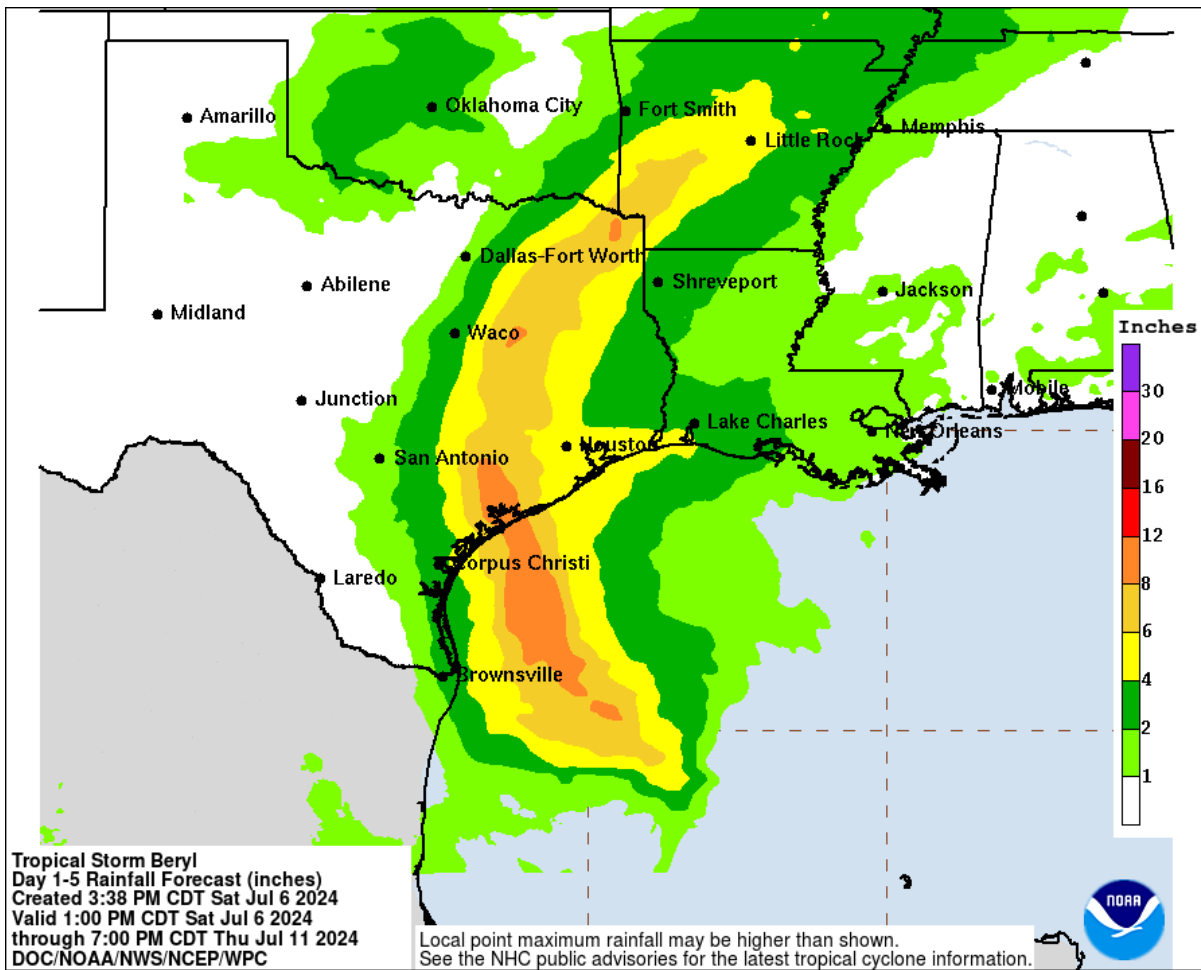
2. Beryl is forecast to bring damaging hurricane-force winds to portions of the lower and middle Texas coast late Sunday night and Monday. A Hurricane Warning is now in place from Baffin Bay to Sargent. Preparations should be rushed to completion before tropical storm conditions begin late Sunday.

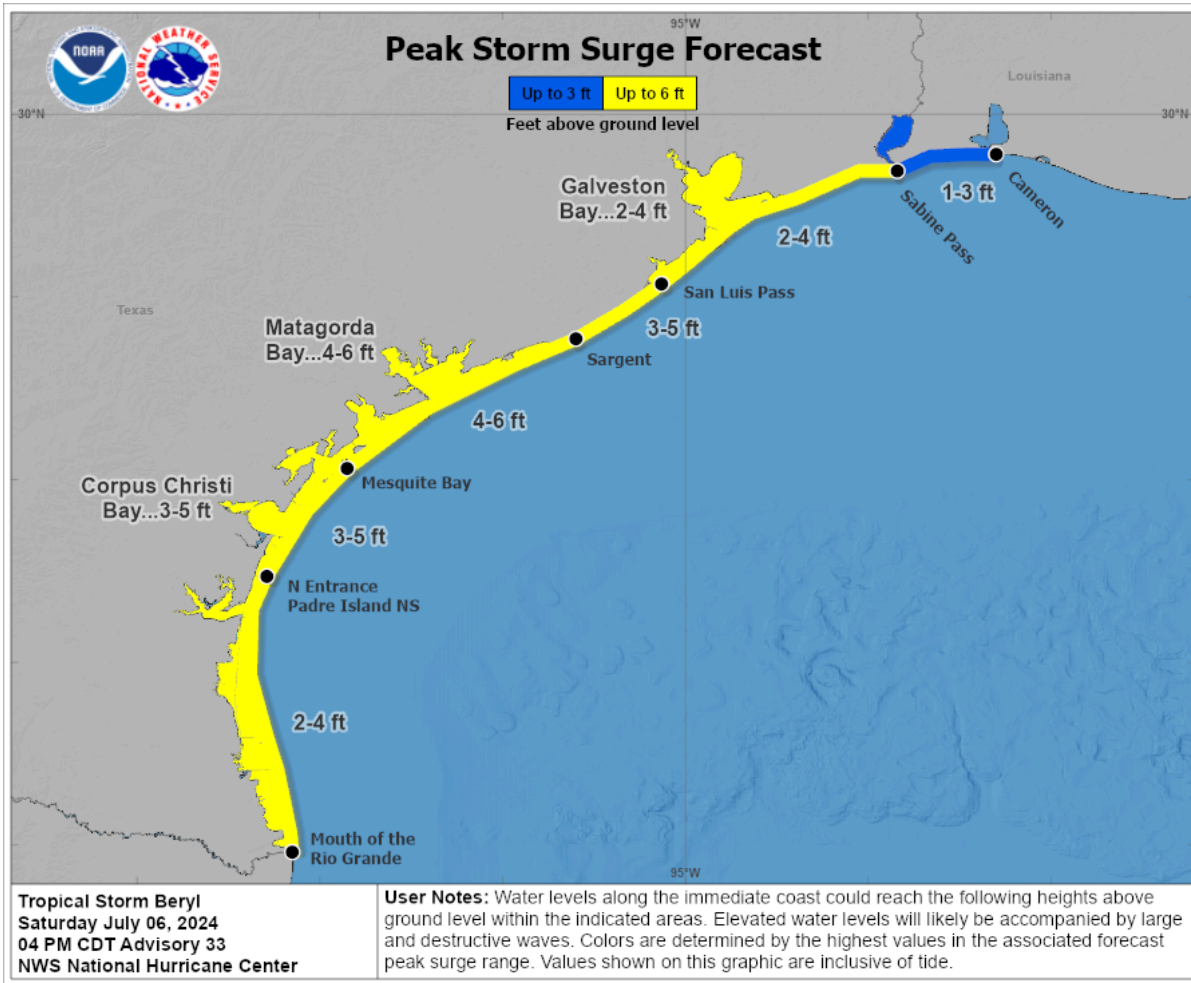
3. Flash and urban flooding, some of which may be locally considerable, is likely across portions of the Texas Gulf Coast and eastern Texas beginning late Sunday through the middle of next week. River flooding is also possible.

4. Rip currents will cause life-threatening beach conditions 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

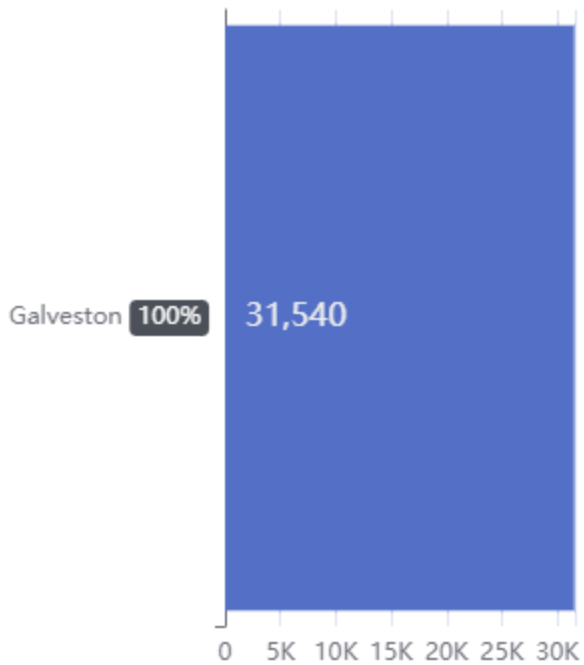




Mission Model Summary

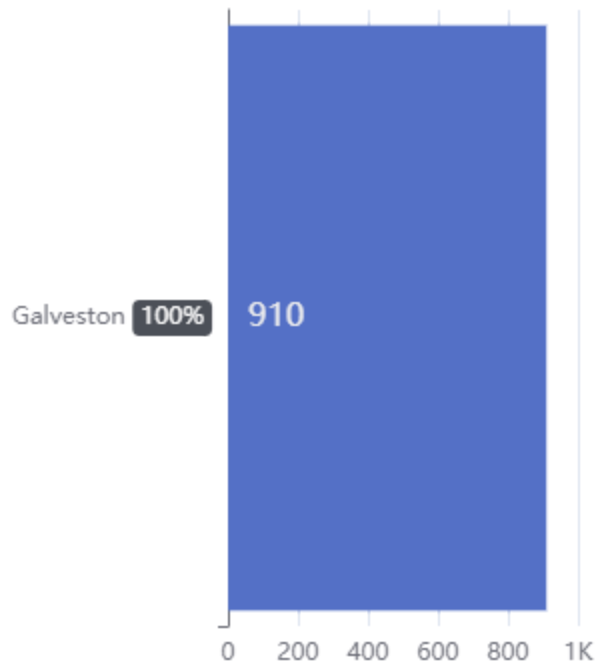
31,540 Cubic Yards

Total Debris By USACE District



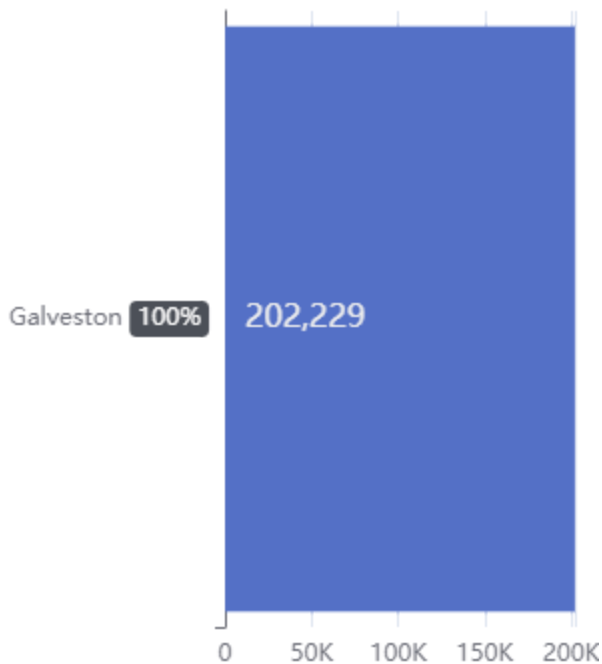
910 Units

Total Estimated Roofing By USACE District



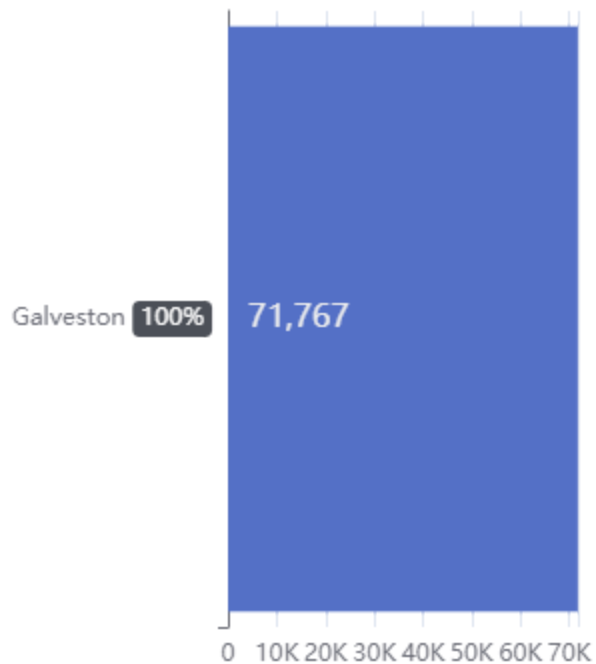
202,229 People

Total Population By USACE District



71,767 Households

Total Households By USACE District

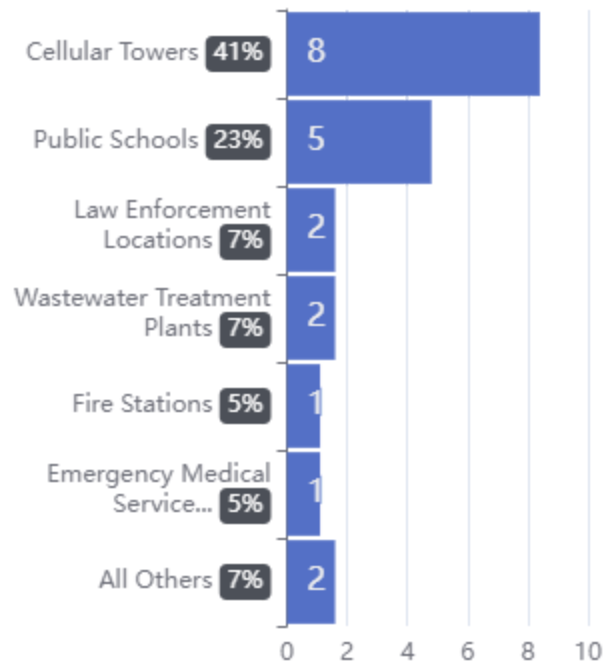


Critical Infrastructure Summary



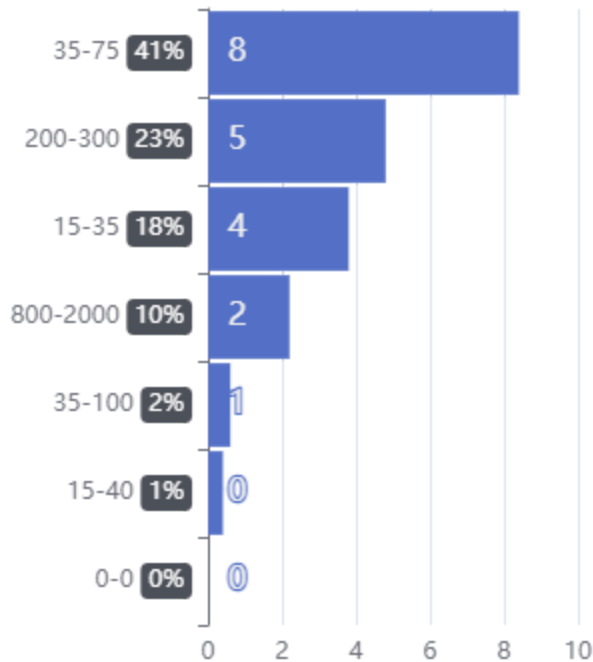
Generators

By Generator Count



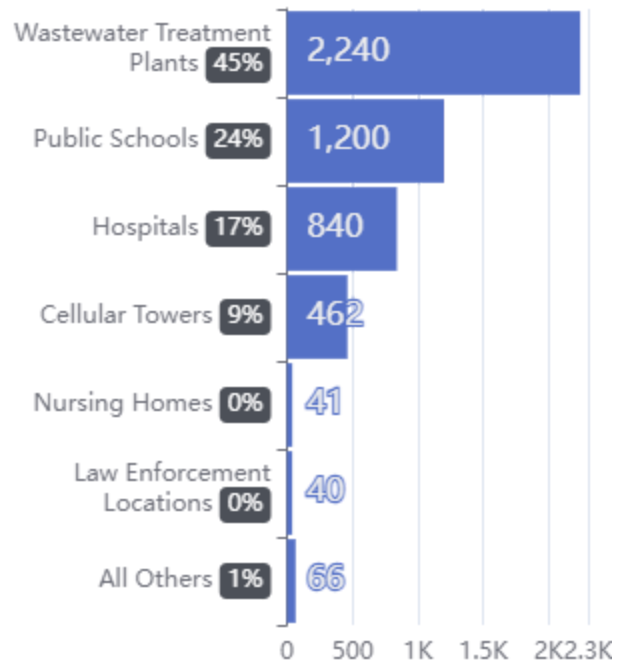
Generators

By Range



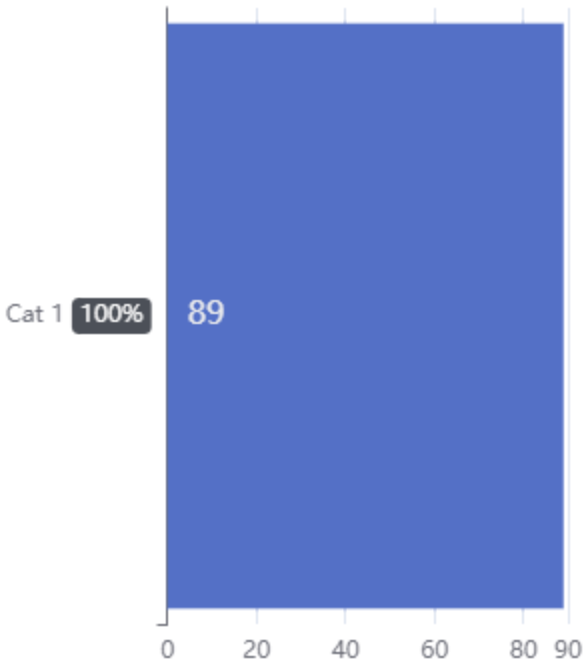
Generators

By Power Requirement (KW)



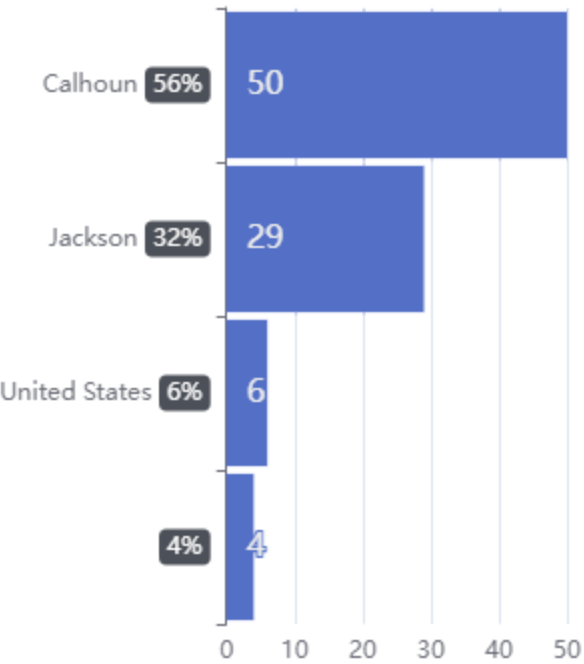
Structures

By Intensity



Structures

By County

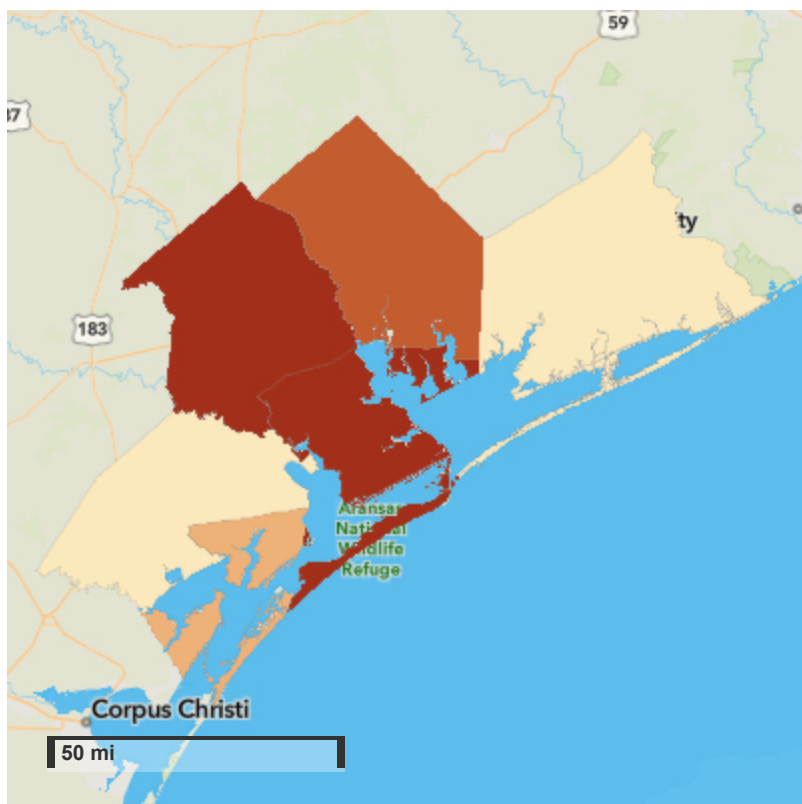
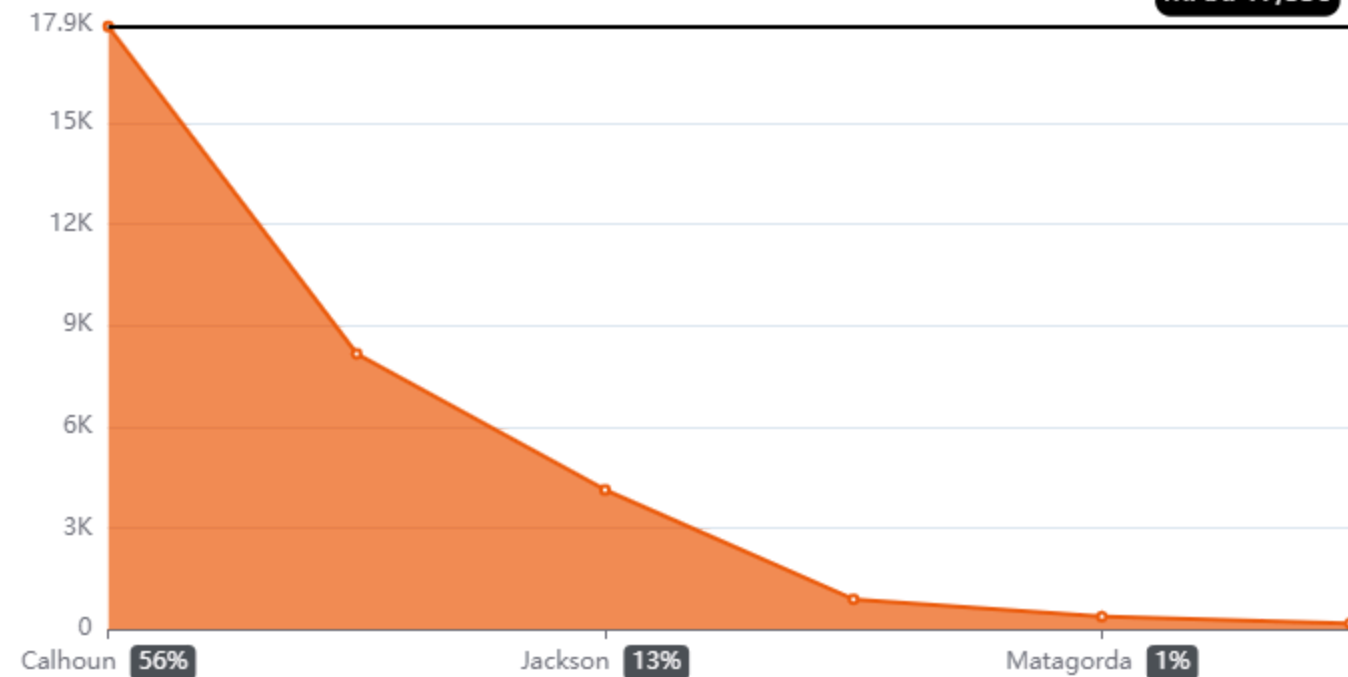


Debris

31,540 Cubic Yards

Total Debris by County

MAX: 17,856

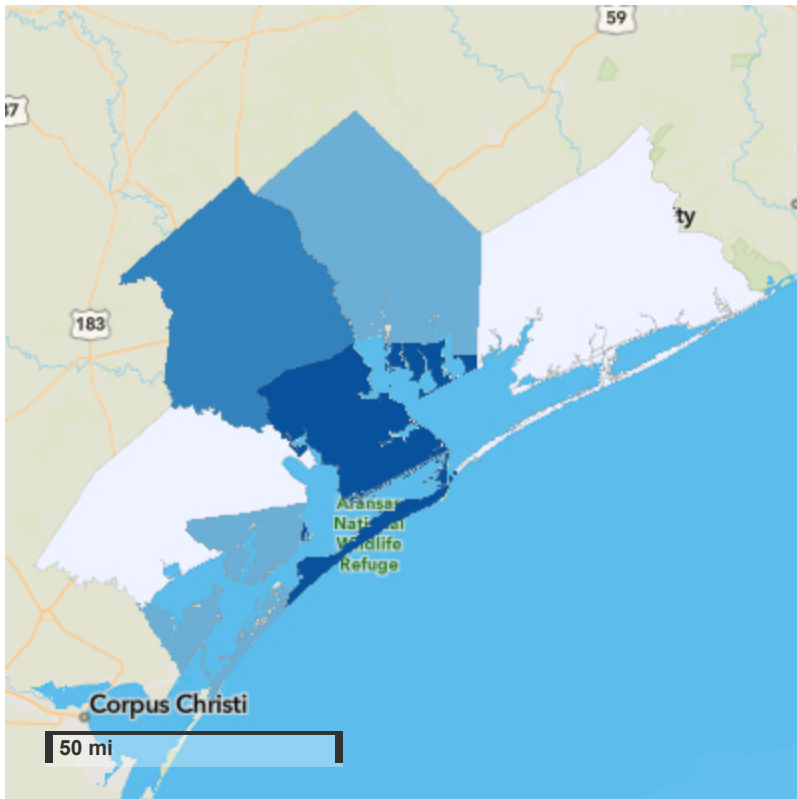
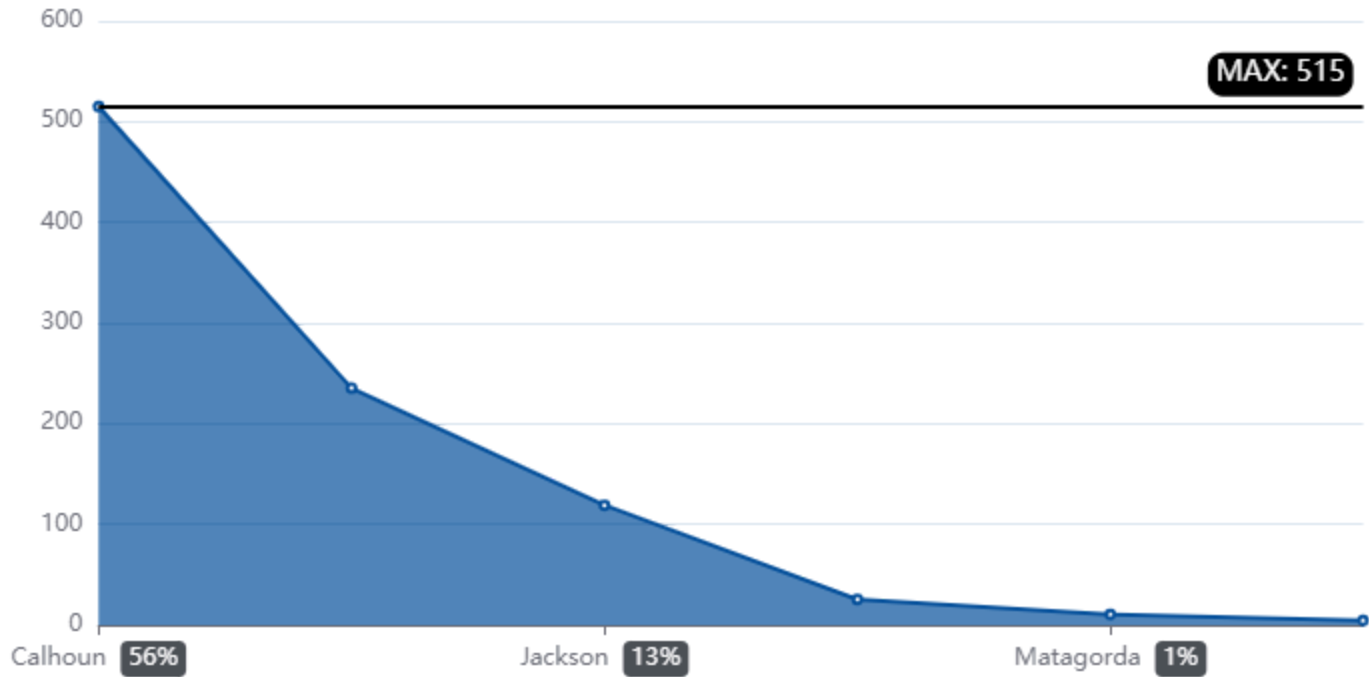


No legend

Estimated Temporary Roofing

910 Units

Total Estimated Roofing by County

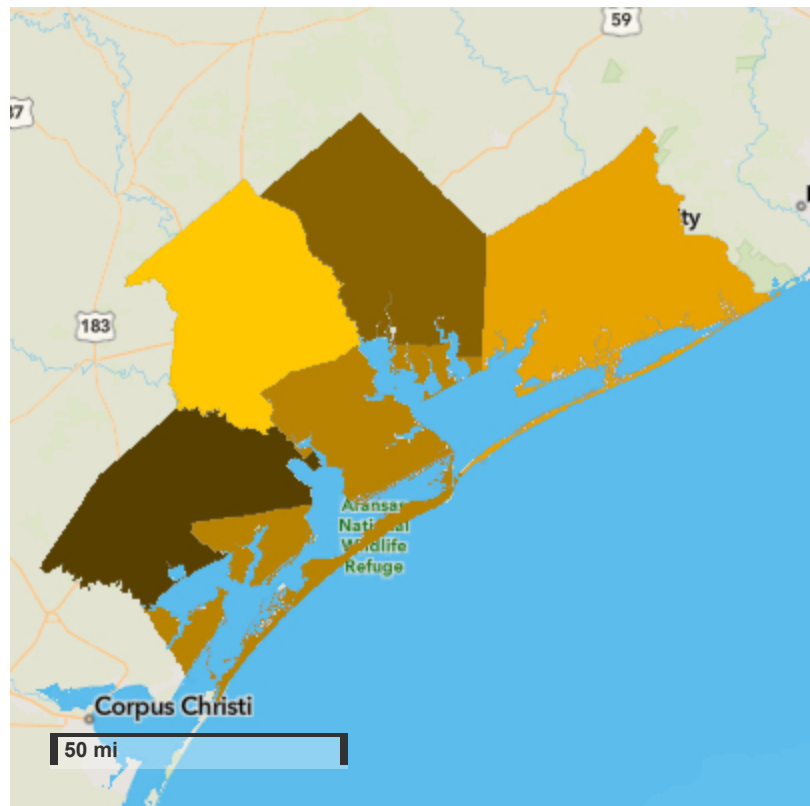
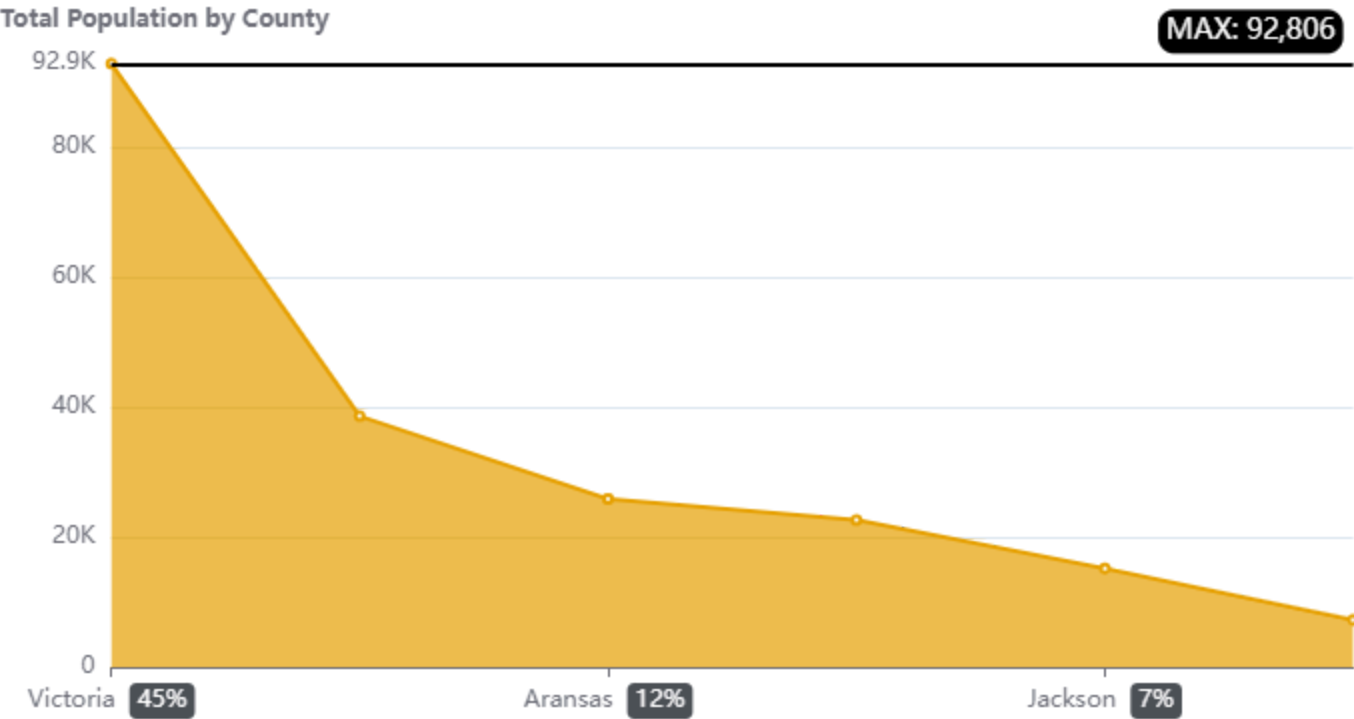


No legend

Population

202,229 People

Total Population by County



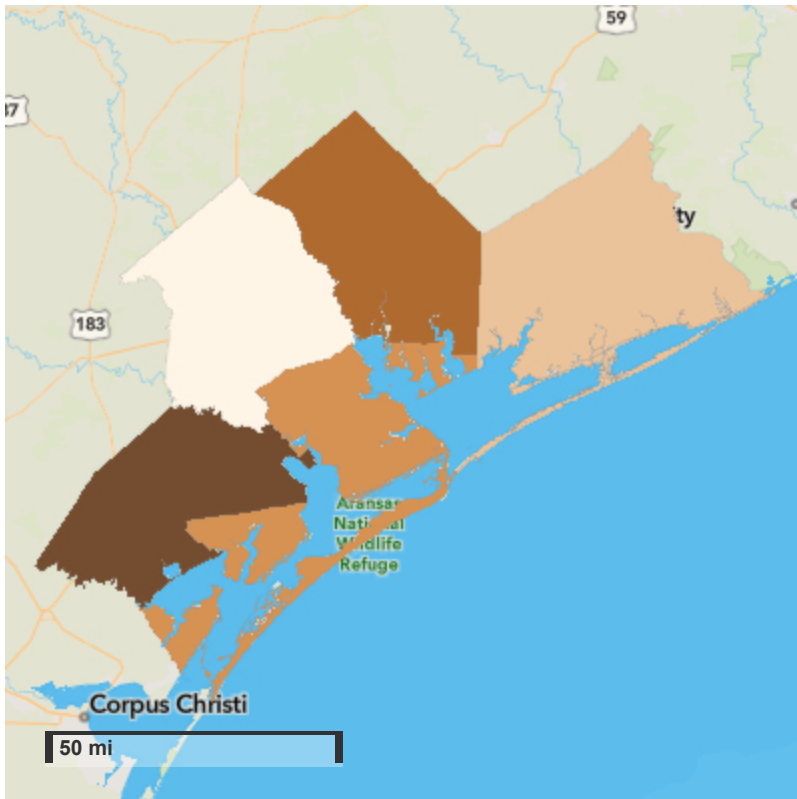
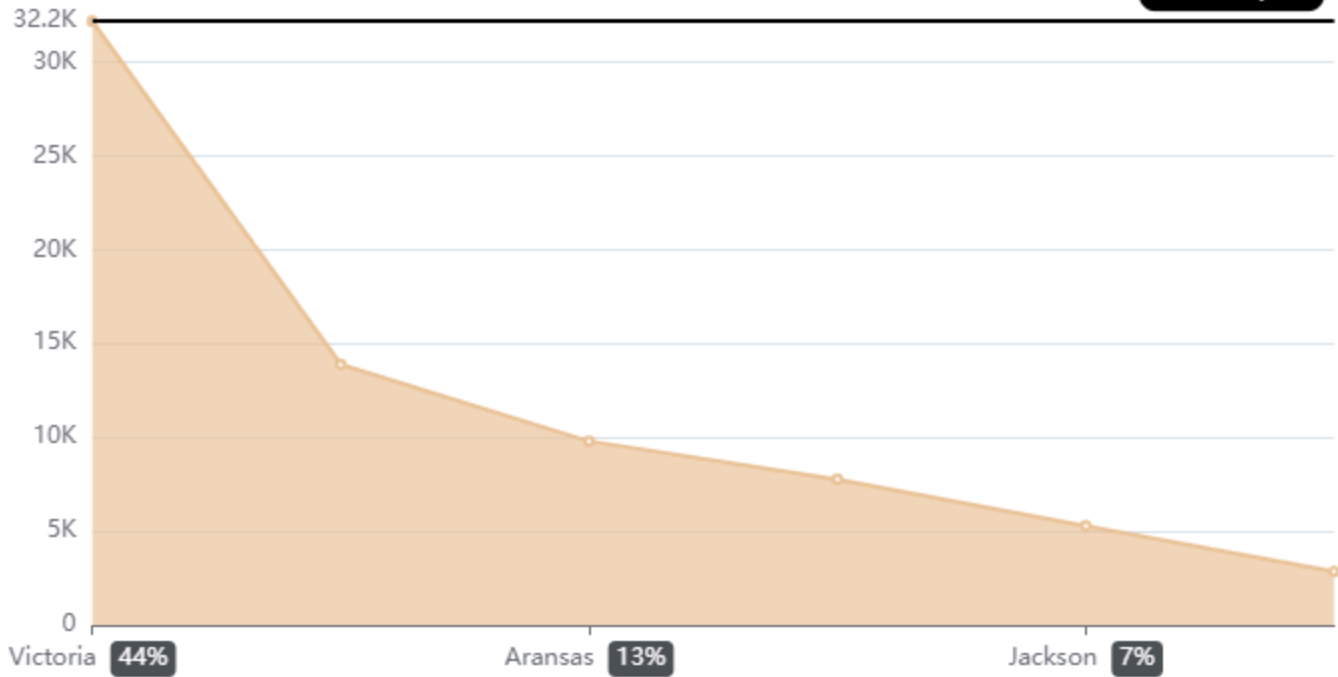
No legend

Households

71,767 Households

Total Households by County

MAX: 32,187



No legend

Poverty Level

County	Cat	Pop. below Federal poverty line	% Population
Refugio County	1	1,068	16
Aransas County	1	4,241	18
Victoria County	1	14,870	17
Calhoun County	1	1,826	9
Matagorda County	1	7,798	22
Jackson County	1	1,770	12

Social Vulnerability Index

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

County	Cat	Overall SVI Score
Refugio	1	0.941
Aransas	1	0.802
Victoria	1	0.783
Calhoun	1	0.862
Matagorda	1	0.907
Jackson	1	0.677