



Hurricane Beryl - Advisory #35

For planning purposes only!

WASHINGTON, DC

05:24

Jul 7, 2024

CHICAGO

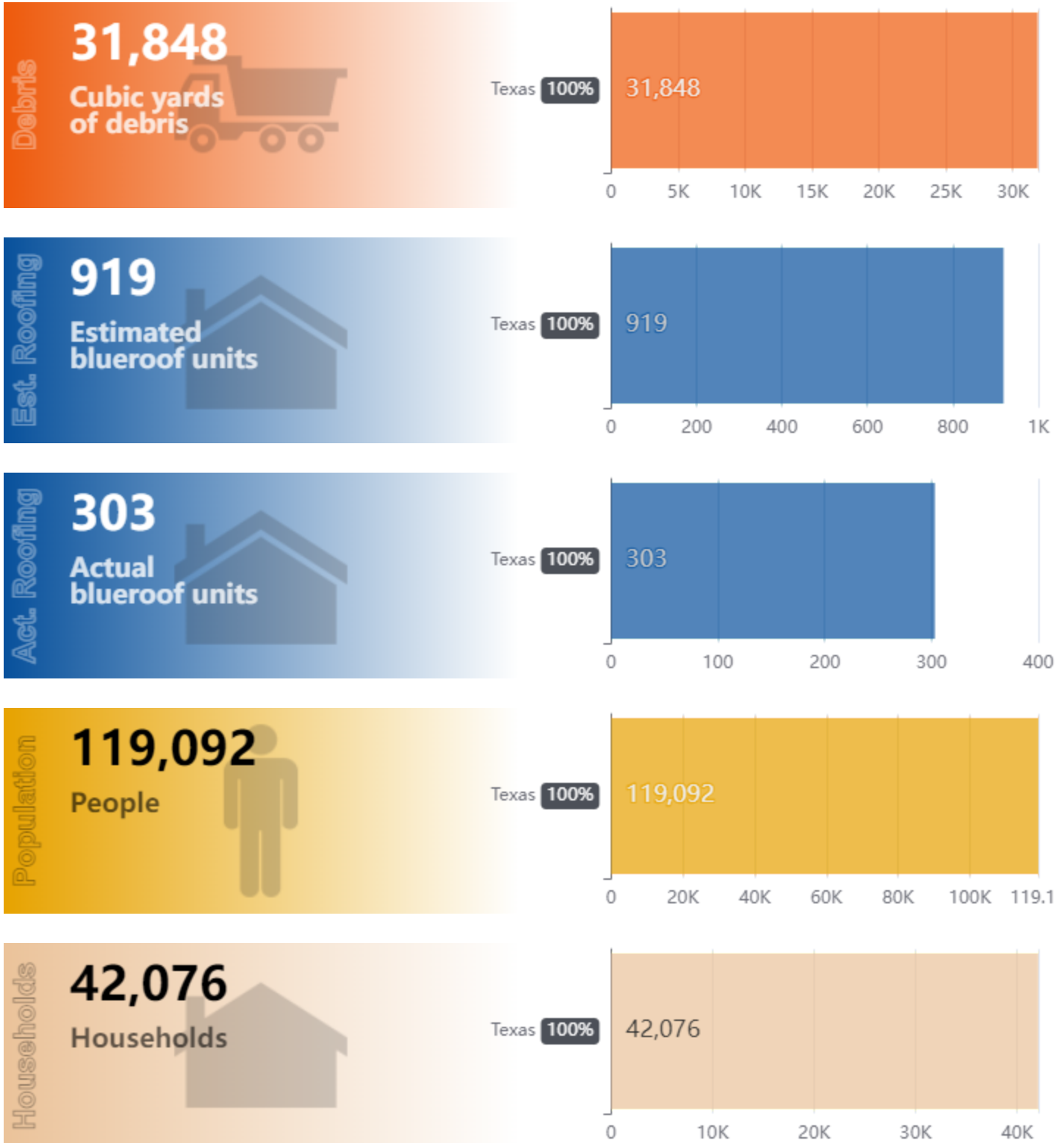
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Jul 7, 2024

LOS ANGELES

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Jul 7, 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
4 counties

Debris (cu.yds.)	31,848
Roofing Est. (units)	919
Roofing Act. (units)	303
Population	119,092
Households	42,076

POPULATION DISTRIBUTION

Centroid Swath	Population
TS (3)	80,522
Cat 1 (1)	38,570

TEXAS

Name	Debris (cu.yds.)	Roofing Est. (units)	Roofing Act. (units)	Population	Households
Wharton	9,190	265	87	42,748	15,132
Matagorda	22,091	637	210	38,570	13,894
Jackson	545	16	5	15,178	5,284
Calhoun	21	1	0	22,596	7,766

Critical Infrastructure Results

SUMMARY

84 facilities

Power required (KW)	5,039
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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 (22)	7	200-300	1,650
Private Schools (1)	0	200-300	0

EMERGENCY SERVICES

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
National Shelter System Facilities (19)	0	0-0	0
Fire Stations (6)	1	15-35	15
Emergency Medical Service (EMS) Stations (3)	0	15-35	8

HEALTHCARE

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Nursing Homes (5)	1	35-100	51
Hospitals (2)	1	800-2000	840

LAW ENFORCEMENT

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Law Enforcement Locations (13)	1	15-35	33

POWER

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Electric Power Generation Plants (2)	0	0-0	0

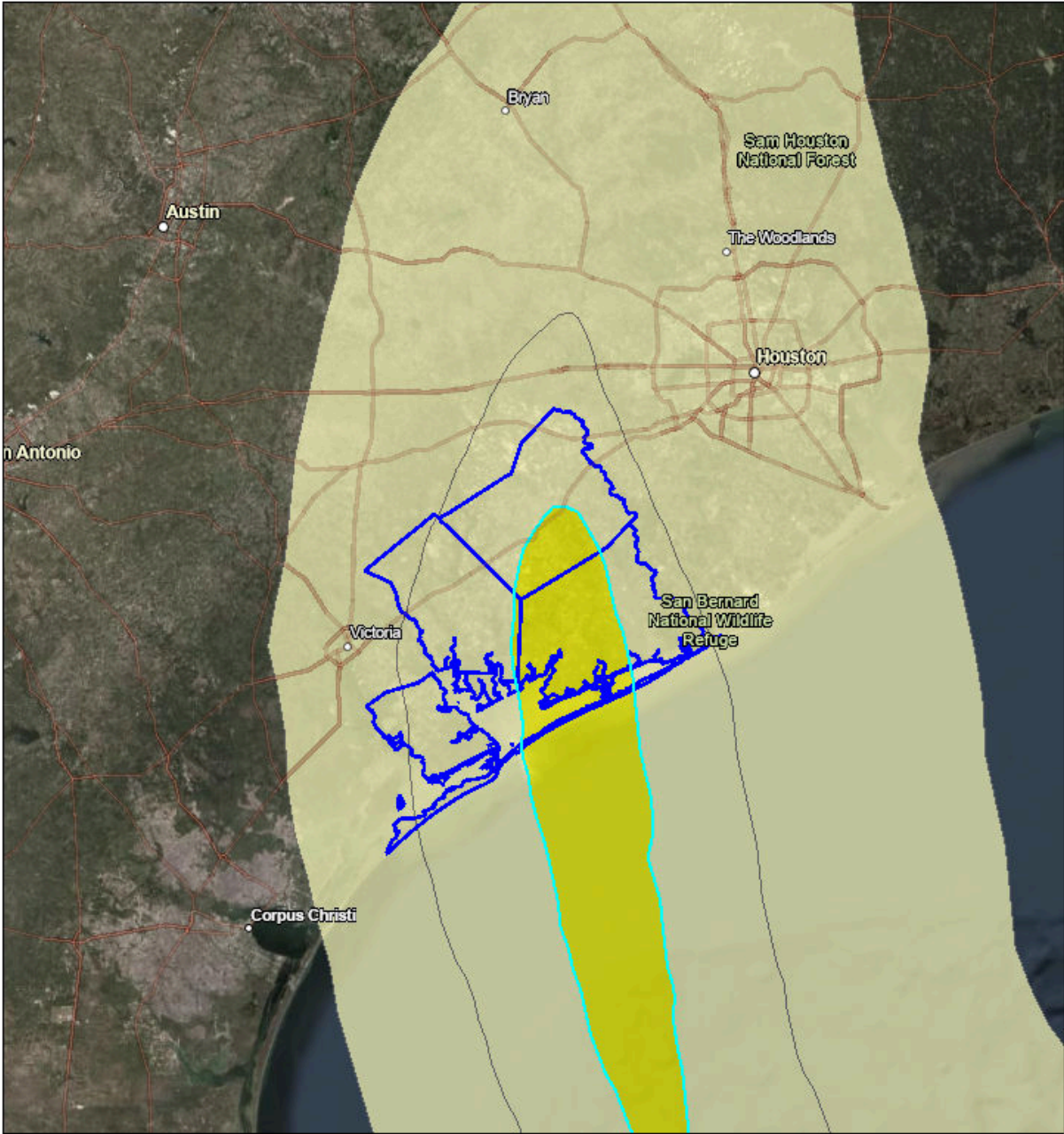
STATE AND LOCAL EOCs

Type	% Fed Gen Req	Power range (KW)	Power required (KW)
Local Emergency Operations Centers (EOC) (1)	0	15-40	6

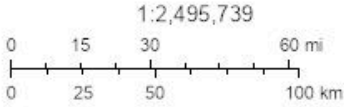
WATER AND WASTEWATER

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

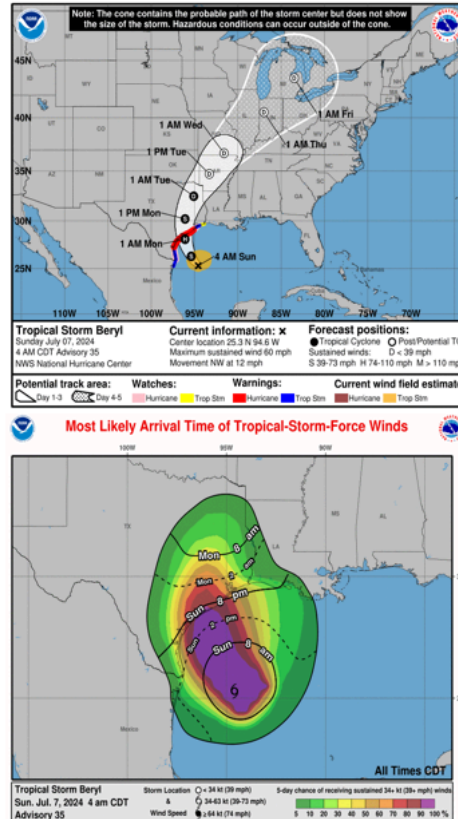


Key Messages for Tropical Storm Beryl

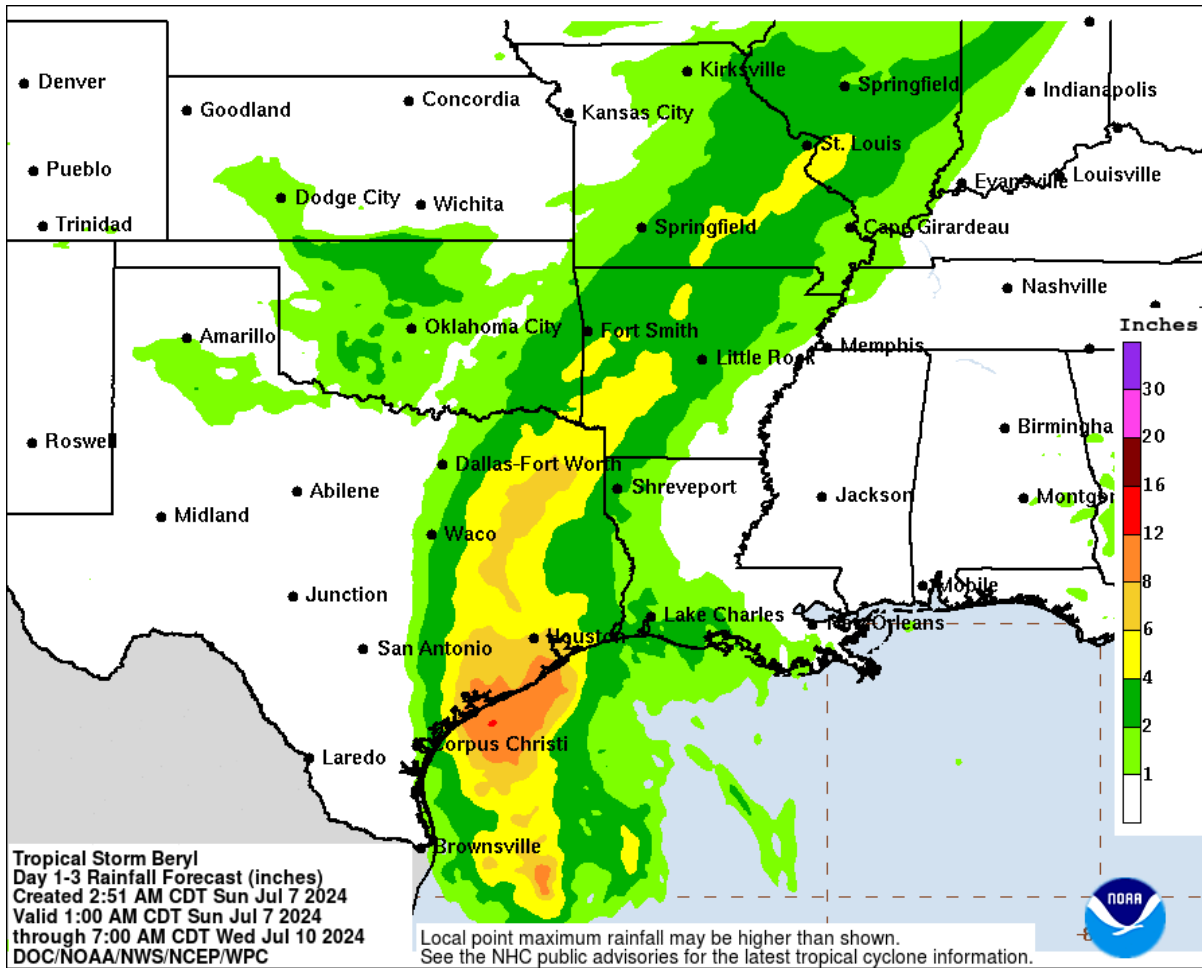
Advisory 35: 4:00 AM CDT Sun Jul 07, 2024

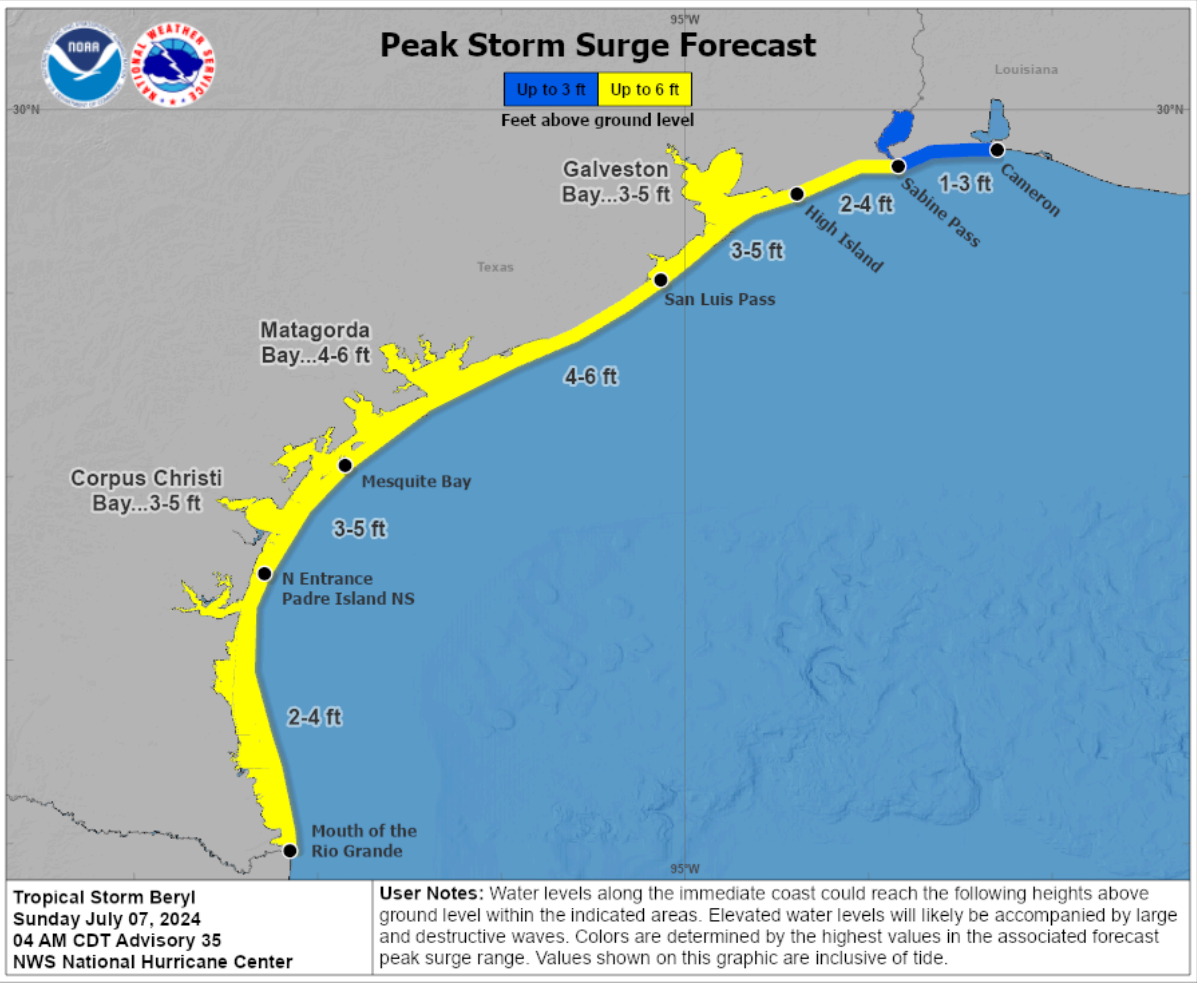


1. There is a danger of life-threatening storm surge inundation late tonight and Monday along the coast of Texas from the north entrance to the Padre Island National Seashore to High Island, including Corpus Christi Bay, Matagorda Bay, and Galveston Bay. Residents in those areas should follow any advice given by local officials and follow evacuation orders.
2. Beryl is forecast to bring damaging hurricane-force winds to portions of the Texas coast late tonight and Monday. A Hurricane Warning is now in effect from Baffin Bay to San Luis Pass. Preparations should be rushed to completion before tropical storm conditions begin late today.
3. Flash and urban flooding, some of which may be locally considerable, is expected across portions of the middle and upper Texas Gulf Coast and eastern Texas today through Monday night. River flooding is also expected.
4. Rip currents will cause life-threatening beach conditions through Monday 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

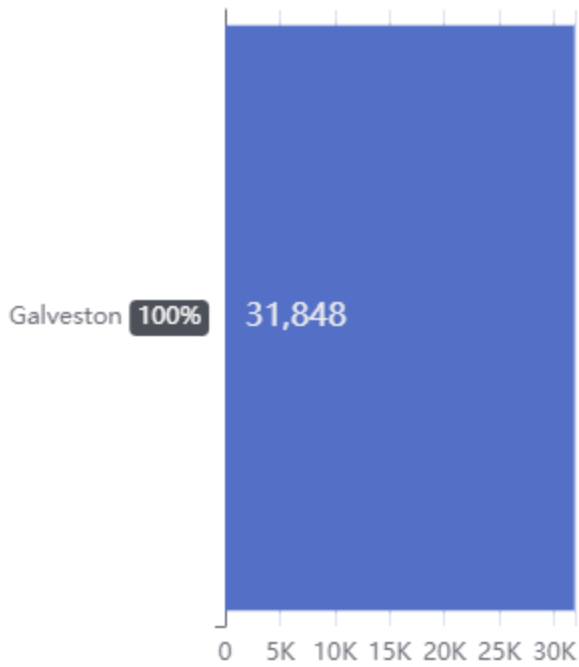




Mission Model Summary

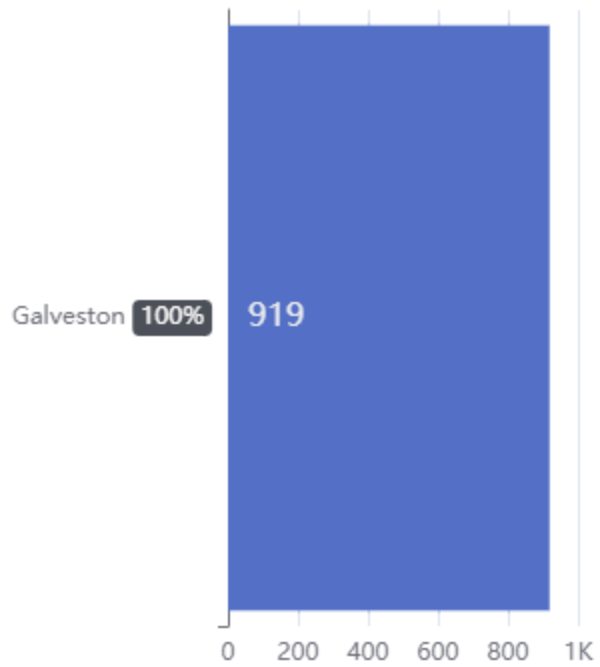
31,848 Cubic Yards

Total Debris By USACE District



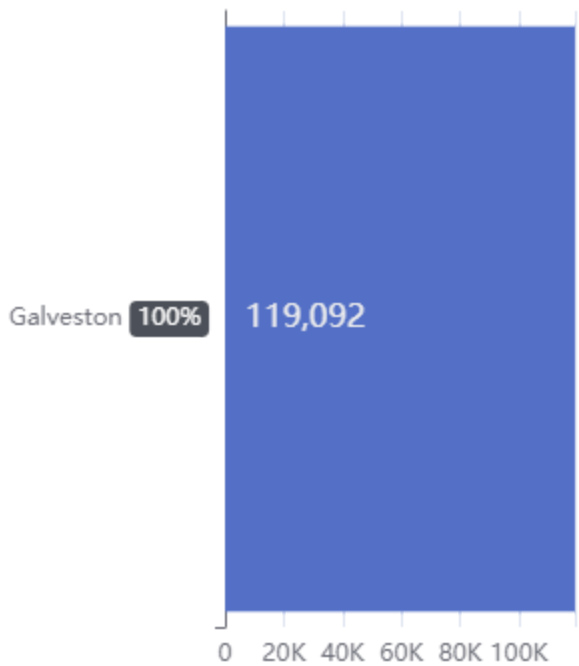
919 Units

Total Estimated Roofing By USACE District



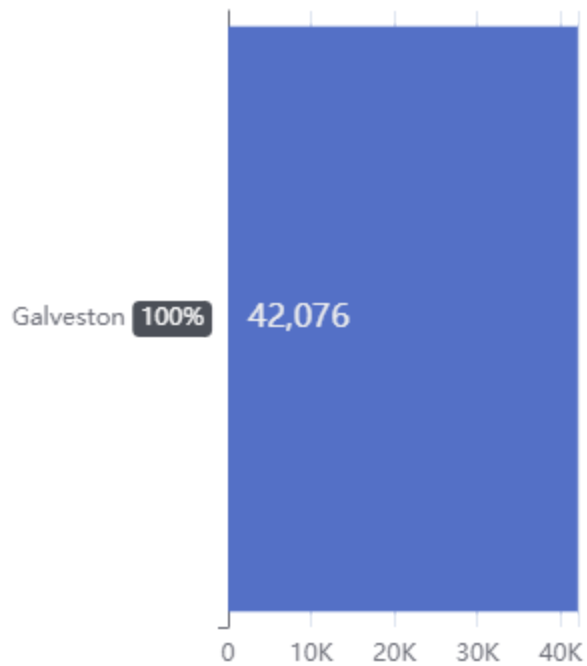
119,092 People

Total Population By USACE District



42,076 Households

Total Households By USACE District

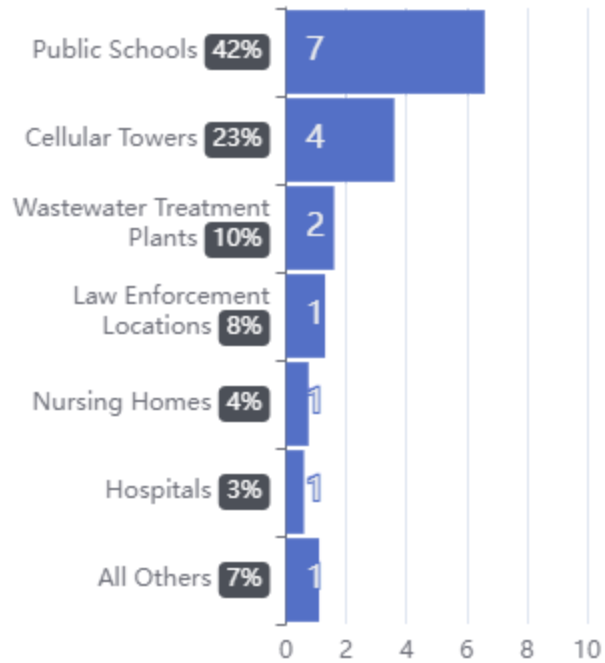


Critical Infrastructure Summary



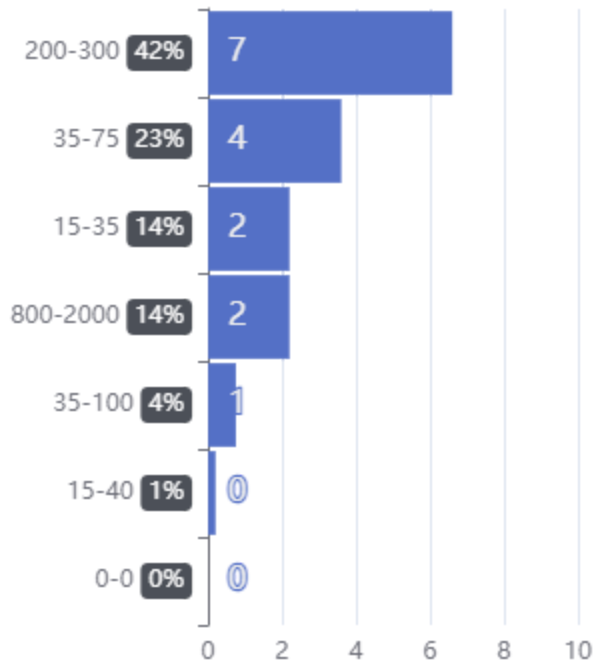
Generators

By Generator Count



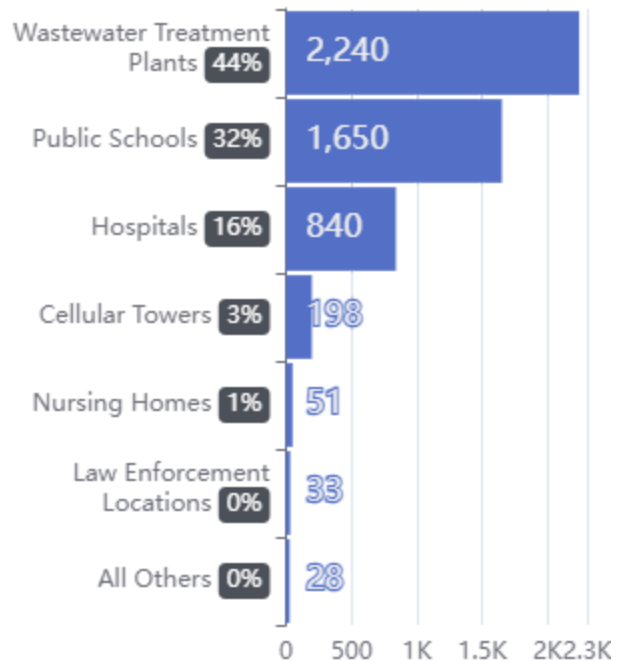
Generators

By Range



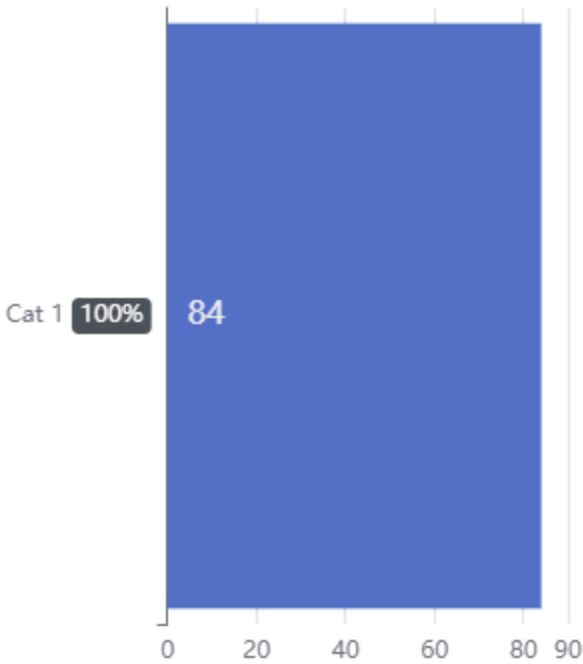
Generators

By Power Requirement (KW)



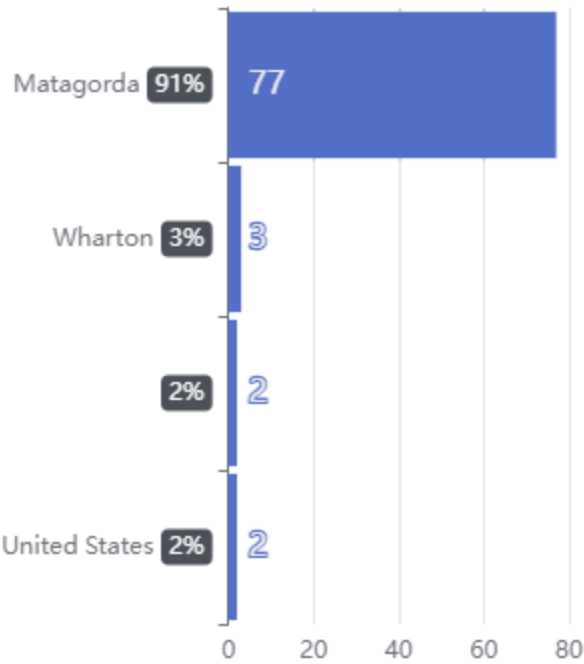
Structures

By Intensity



Structures

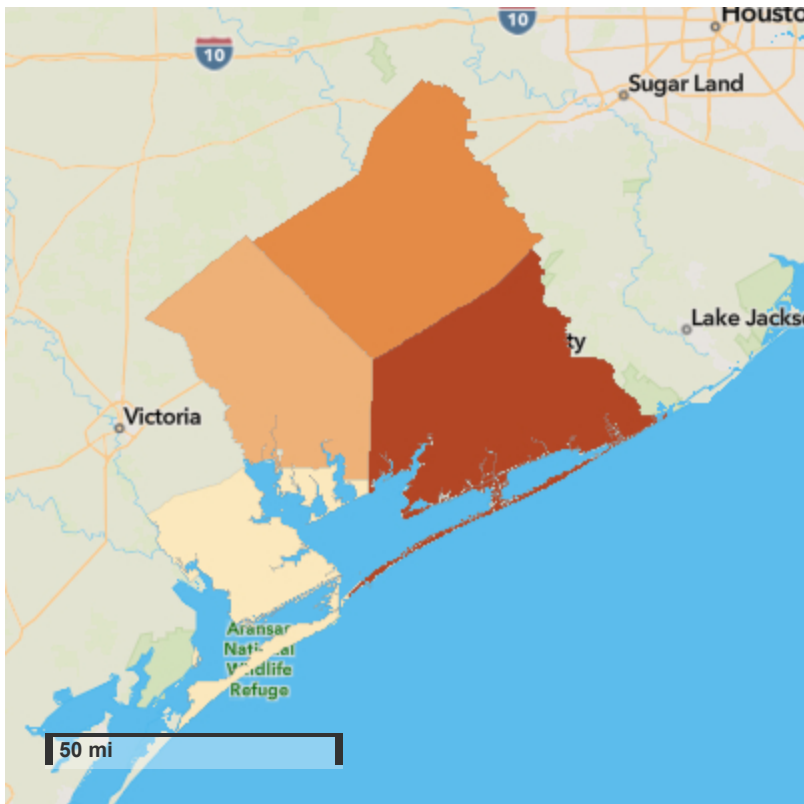
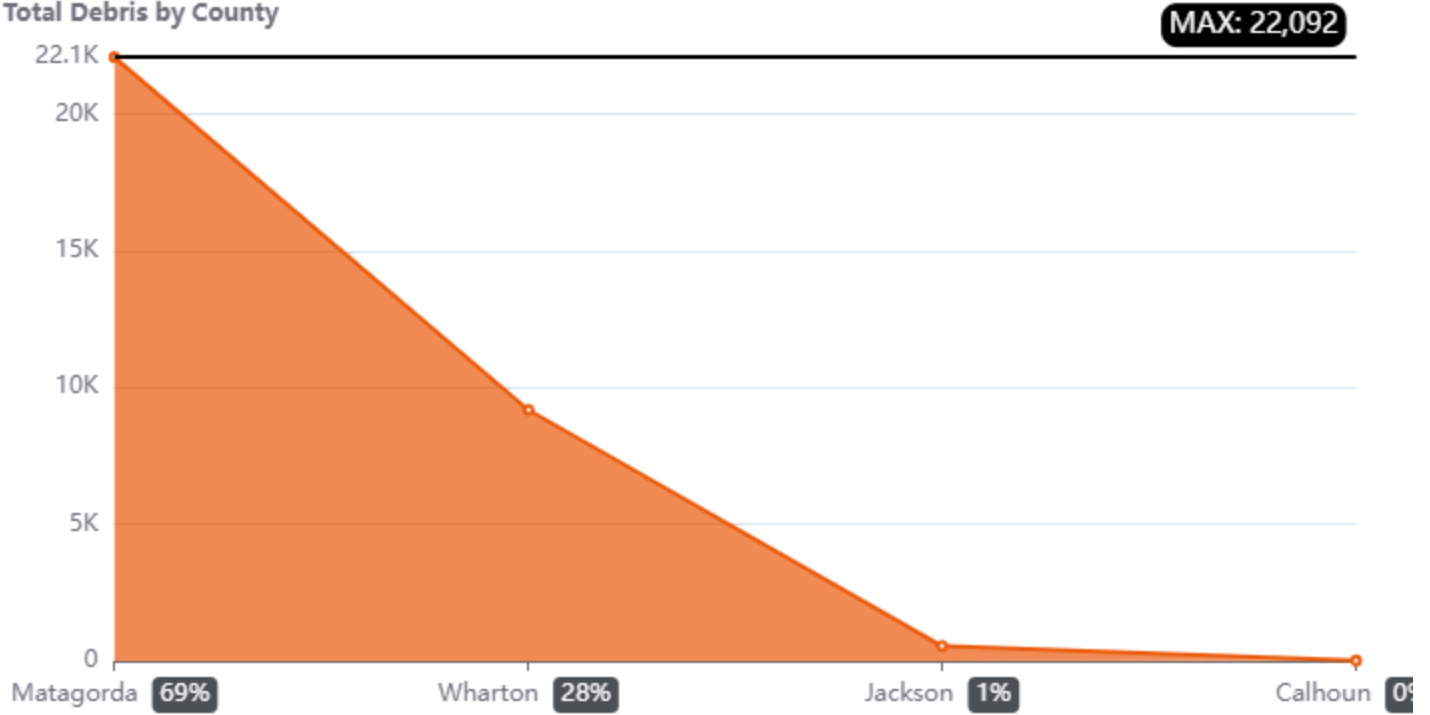
By County



Debris

31,848 Cubic Yards

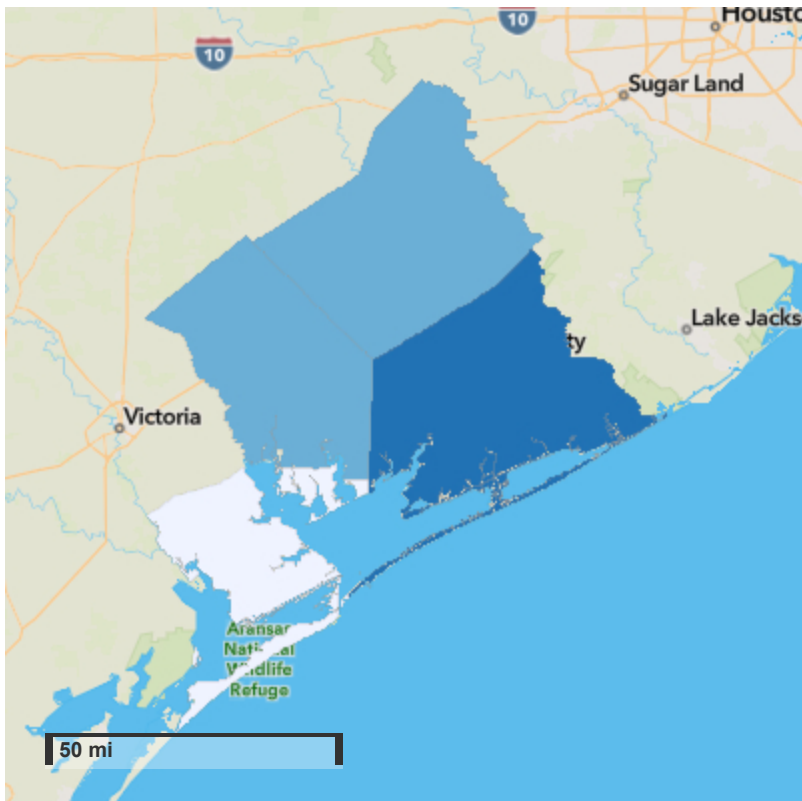
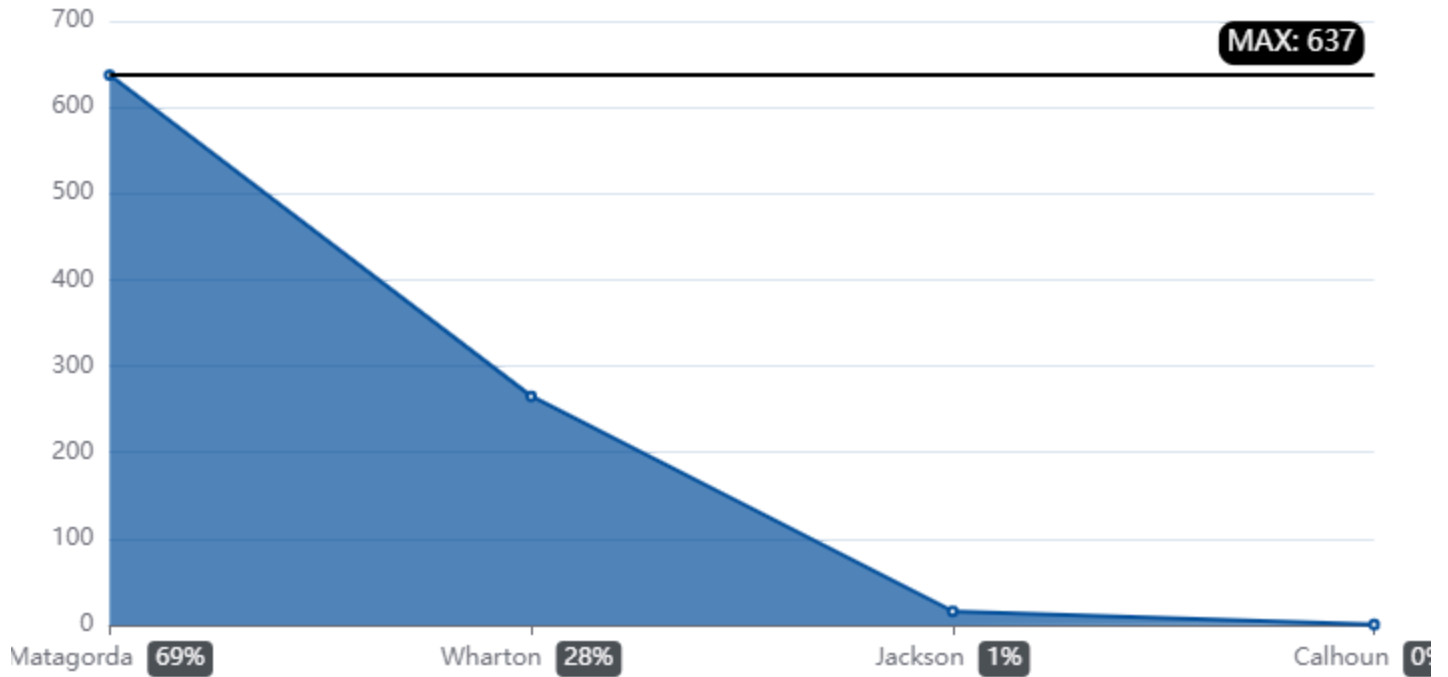
Total Debris by County



Estimated Temporary Roofing

919 Units

Total Estimated Roofing by County



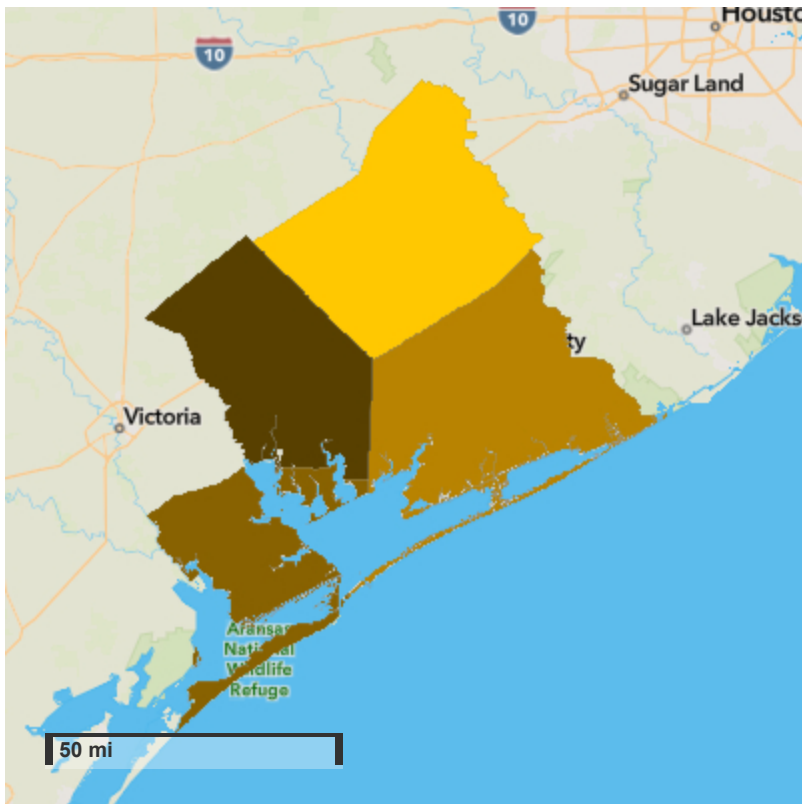
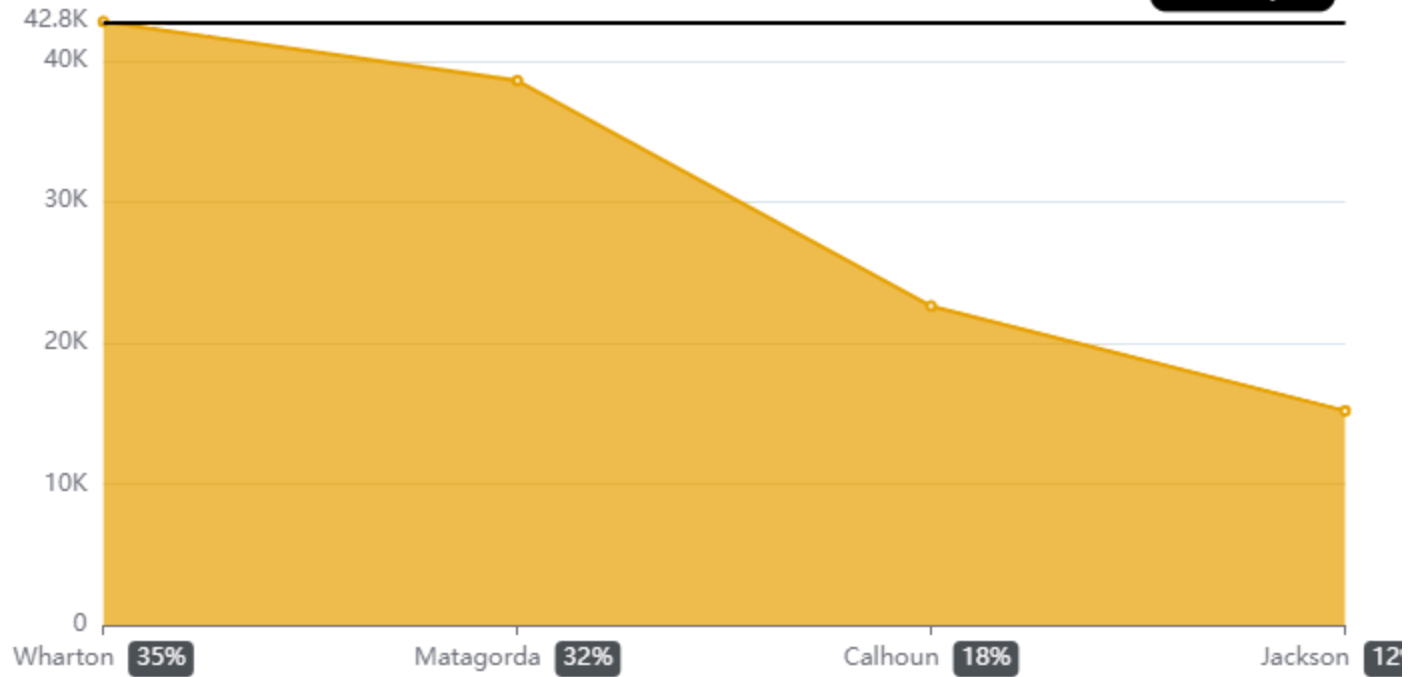
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Population

119,092 People

Total Population by County

MAX: 42,748



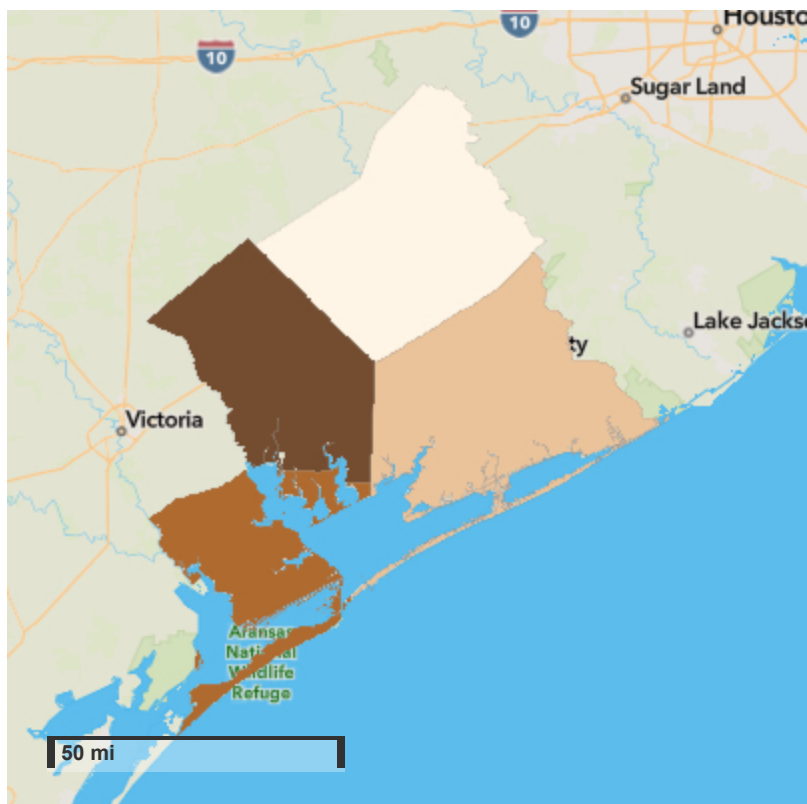
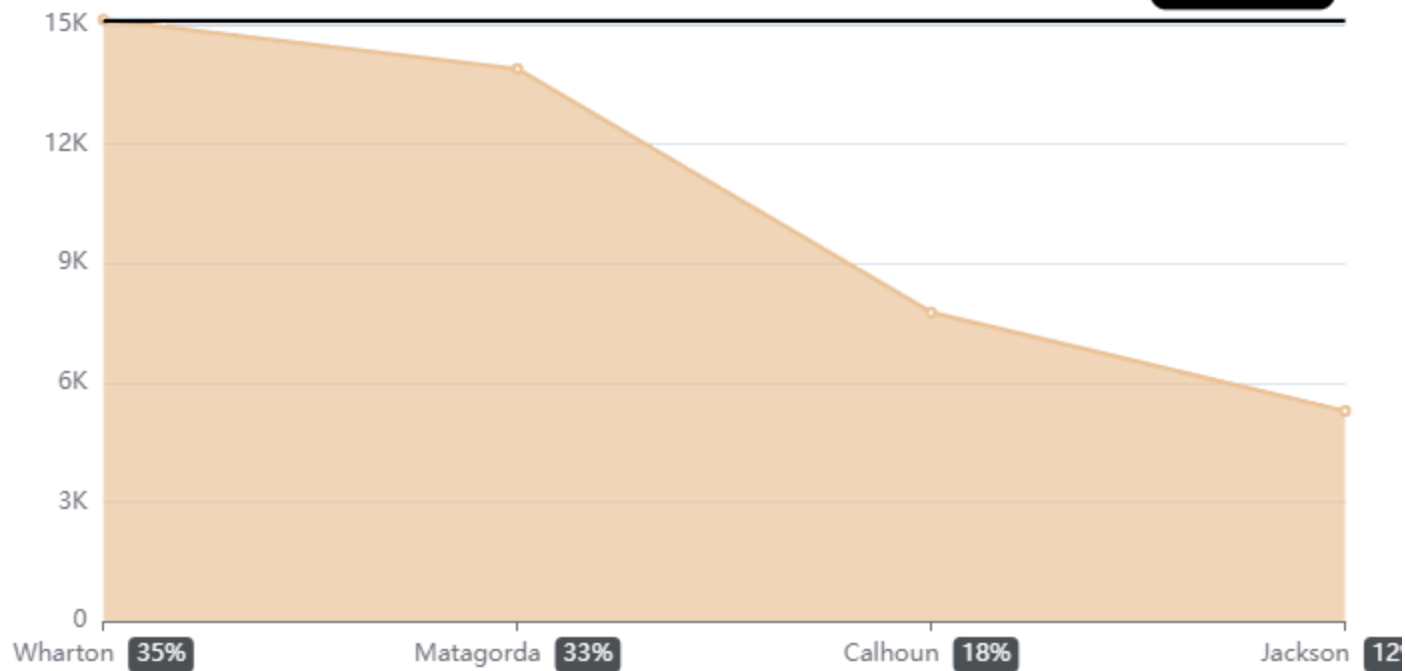
No legend

Households

42,076 Households

Total Households by County

MAX: 15,132



Poverty Level

County	Cat	Pop. below Federal poverty line	% Population
Calhoun County	1	1,826	9
Wharton County	1	5,998	15
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
Calhoun	1	0.862
Wharton	1	0.876
Matagorda	1	0.907
Jackson	1	0.677