



US Army Corps of Engineers
BUILDING STRONG®

Hurricane Ian Advisory #14

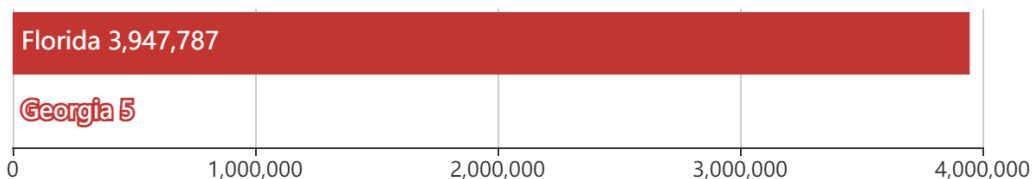
For Planning Purposes Only!

WASHINGTON, DC 12:32:03 26 Sep 2022	CHICAGO 11:32:03 26 Sep 2022	LOS ANGELES 09:32:03 26 Sep 2022
---	------------------------------------	--

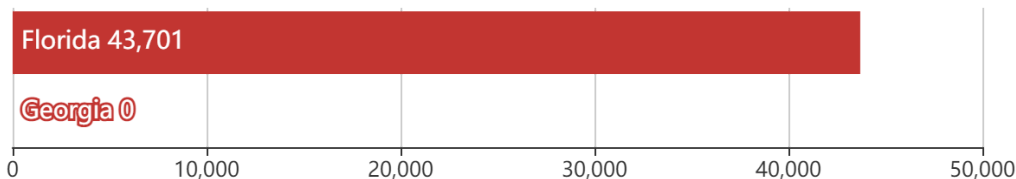
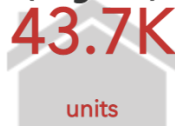
<https://simsuite.usace.army.mil/wab/v2.15/MissionModels/#advid=266&oid=84&name=Hurricane%20Ian&advisory=Advisory%20%2314&advlf=G>

Updated as of 26 Sep 2022 (11:32 AM Central Daylight Time)

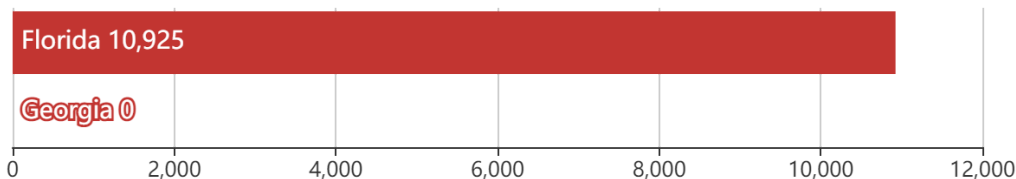
Debris



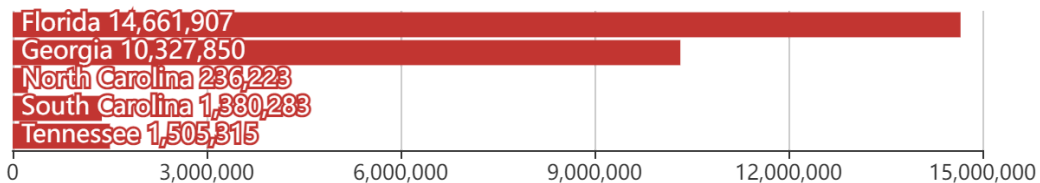
Temp. Roofing (eligible)



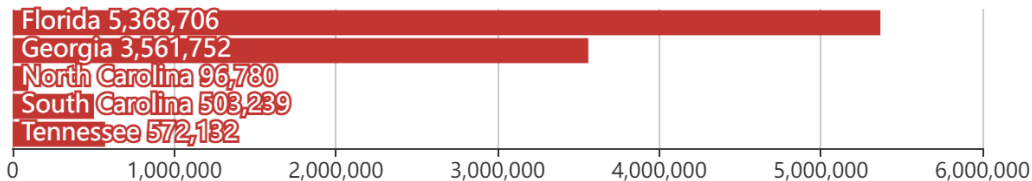
Temp. Roofing (actual)



Population



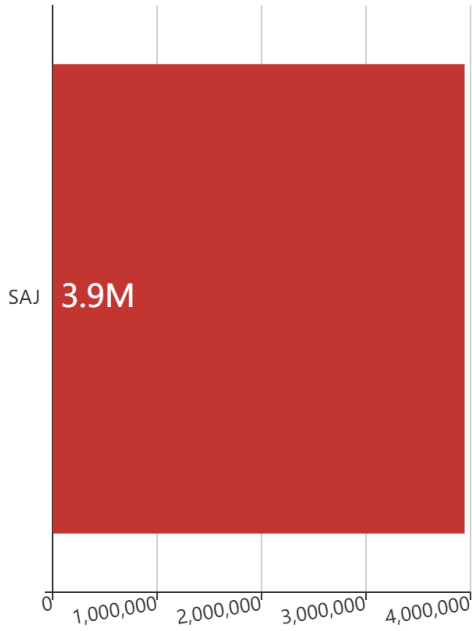
Households



Mission Model Summary

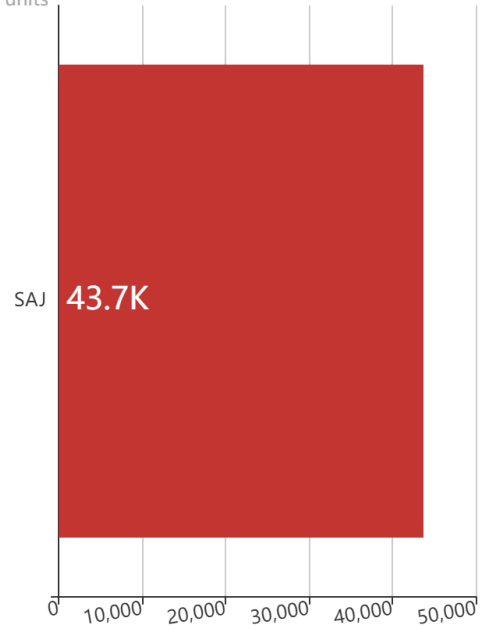
Debris By USACE District

cu. yd.

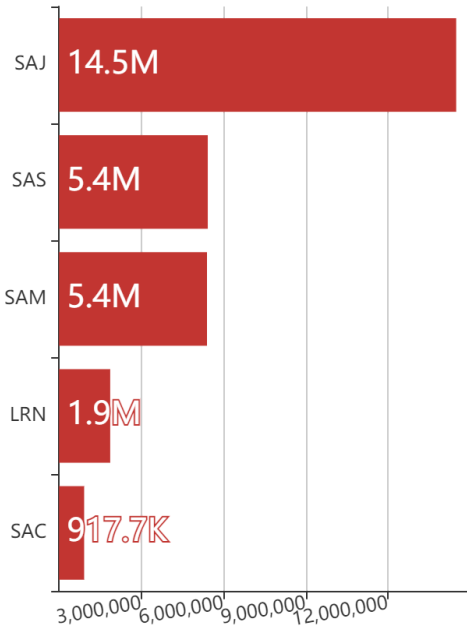


Est. Temp. Roofing By USACE District

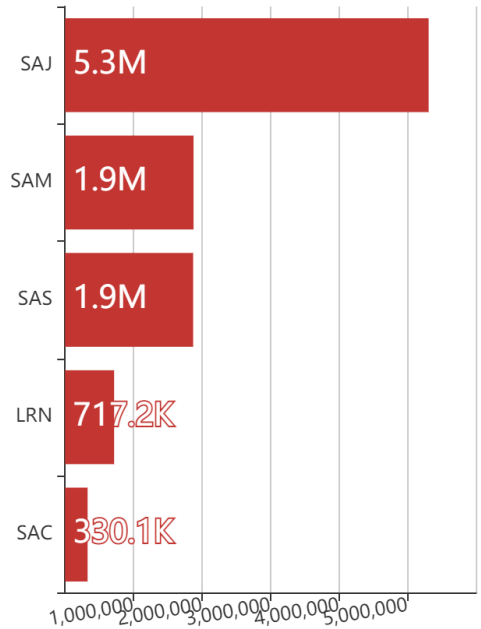
units



Population By USACE District



Households By USACE District



Critical Infrastructure Summary

Total

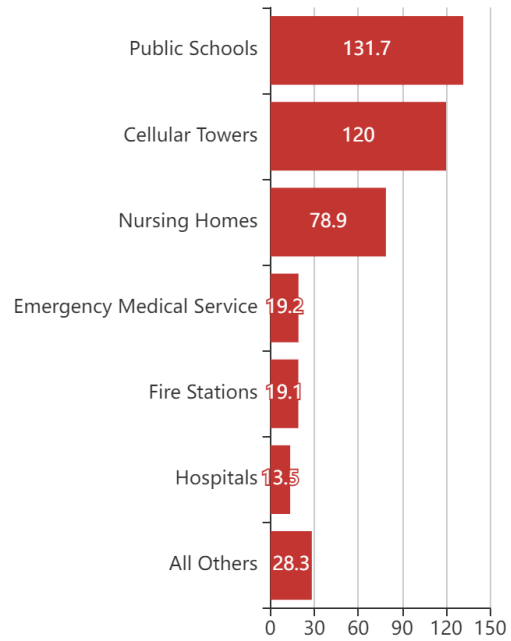


Power Requirements



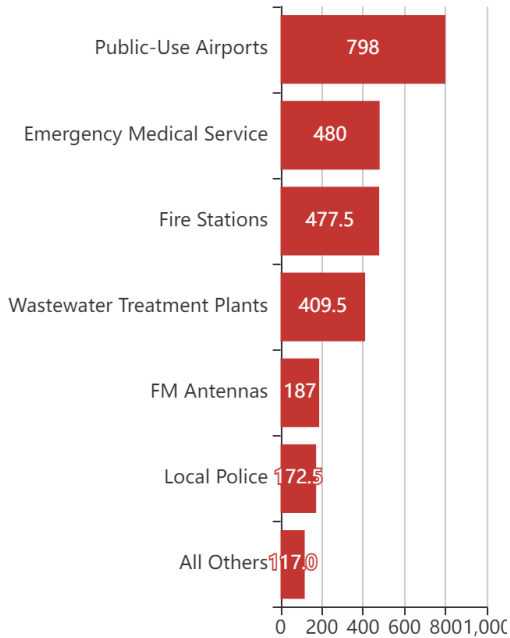
Generators

By Generator Count



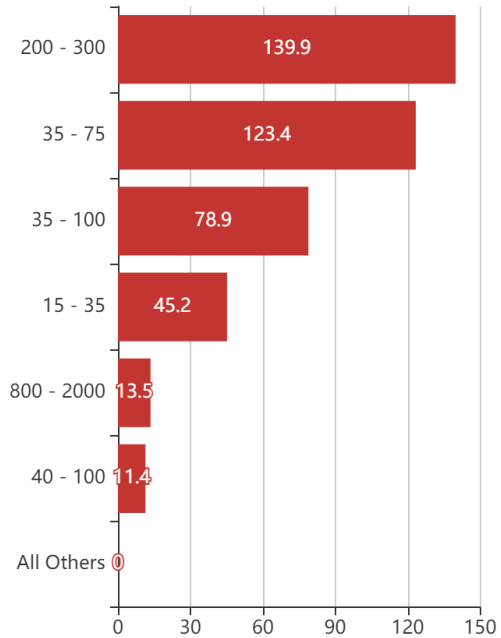
Generators

By Power Requirement



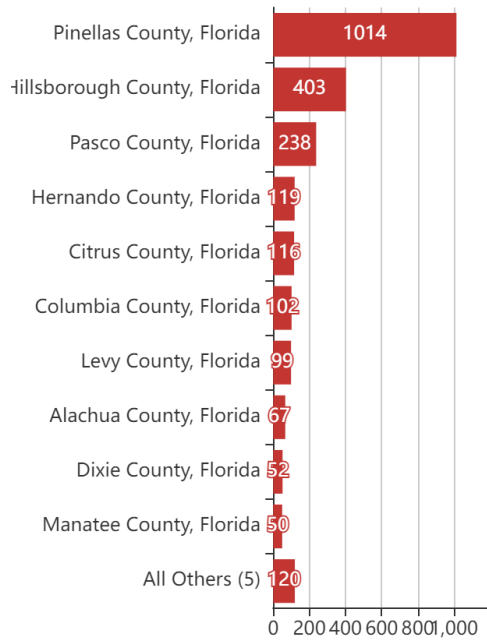
Generators

By Range



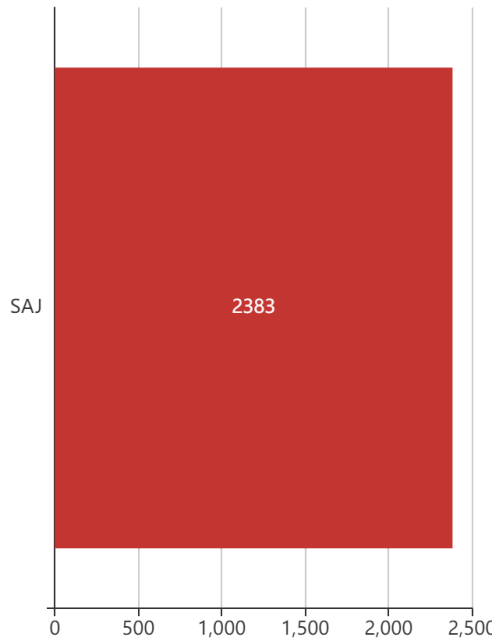
Structures

By County



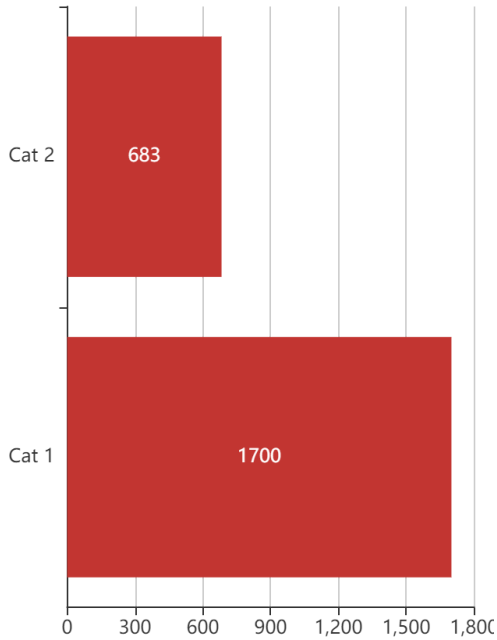
Structures

By USACE District

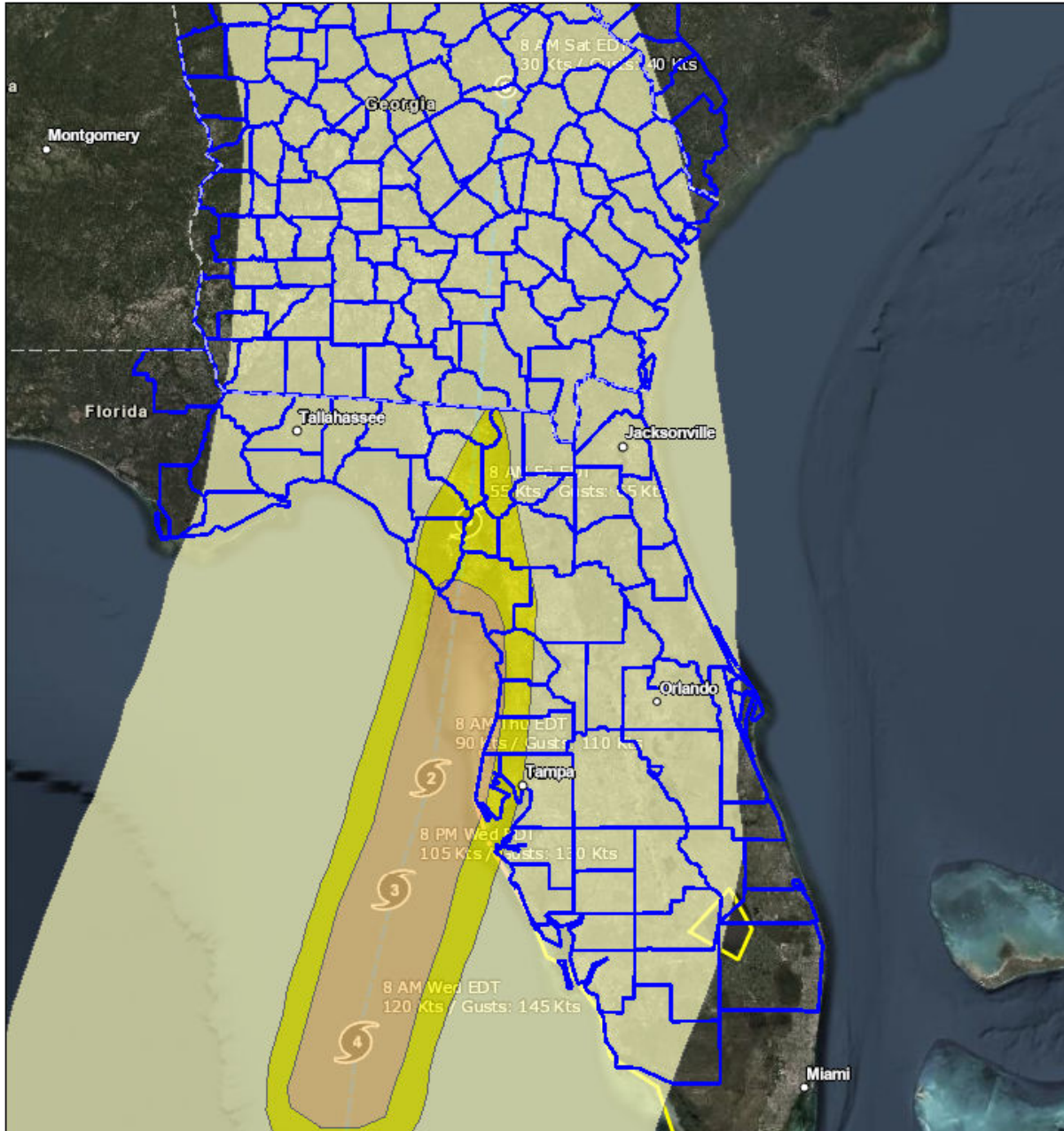


Structures

By Intensity

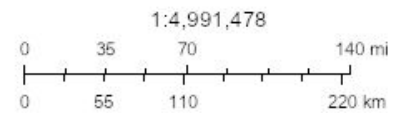


Letter ANSI A Portrait



- Counties
- Mission Model Swaths
 - TS
 - Cat 1
 - Cat 2

- Tropical Cyclone Observed Surface Wind Swath
 - Observed (Best Track) Winds \geq 34 knots (39 mph)

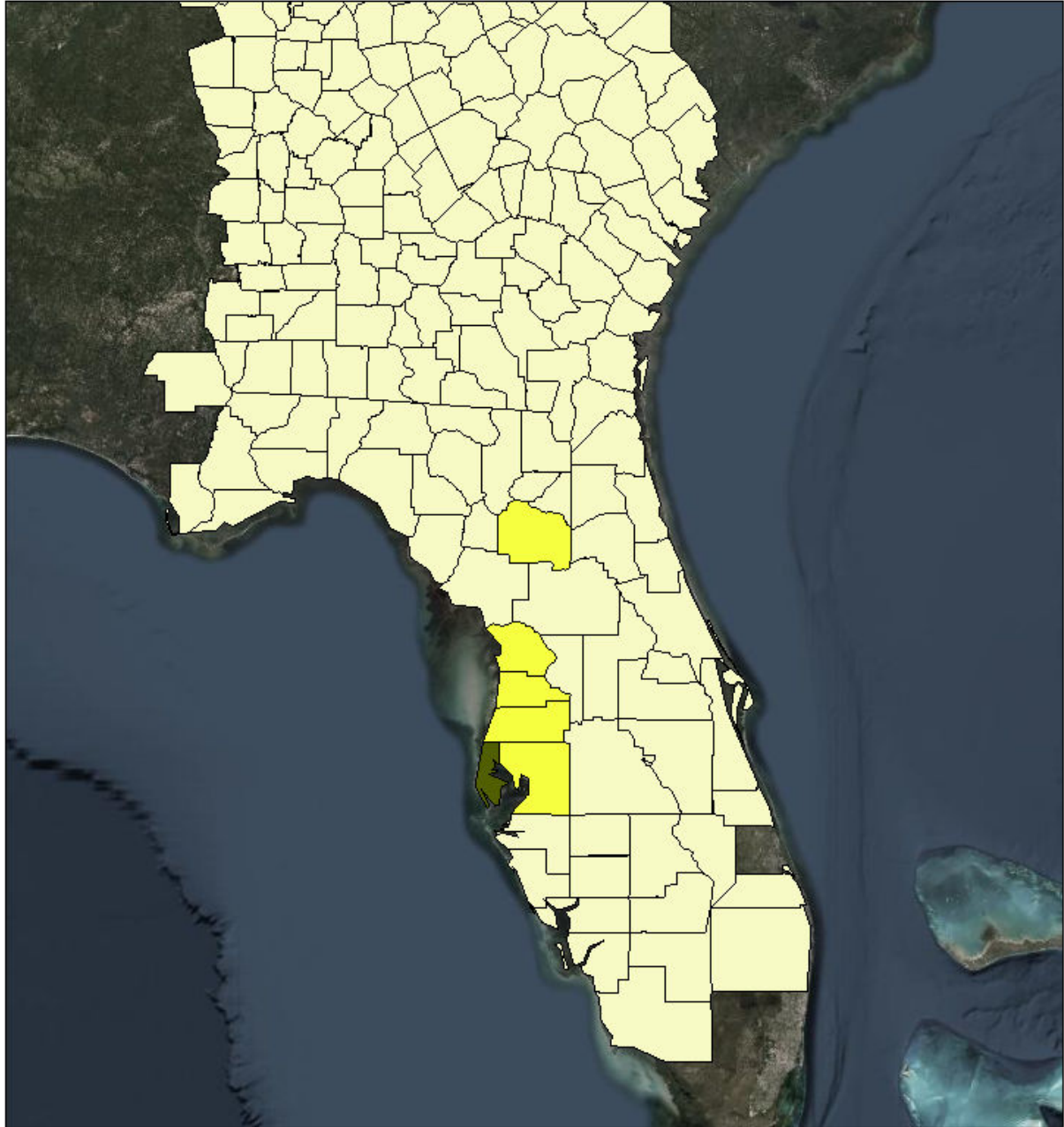


Source: NOAA, Esri, NOAA/NOS/OCS nowCOAST, NOAA/NWS/NHC, NOAA/NWS/CPHC, Marion County Property Appraiser, FDEP, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN,

Created by SimSuite




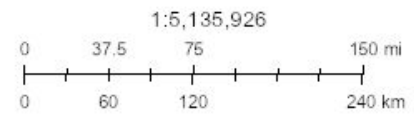
Est. Temp. Roofing



Est. Temp. Roofing

 < 1000 units

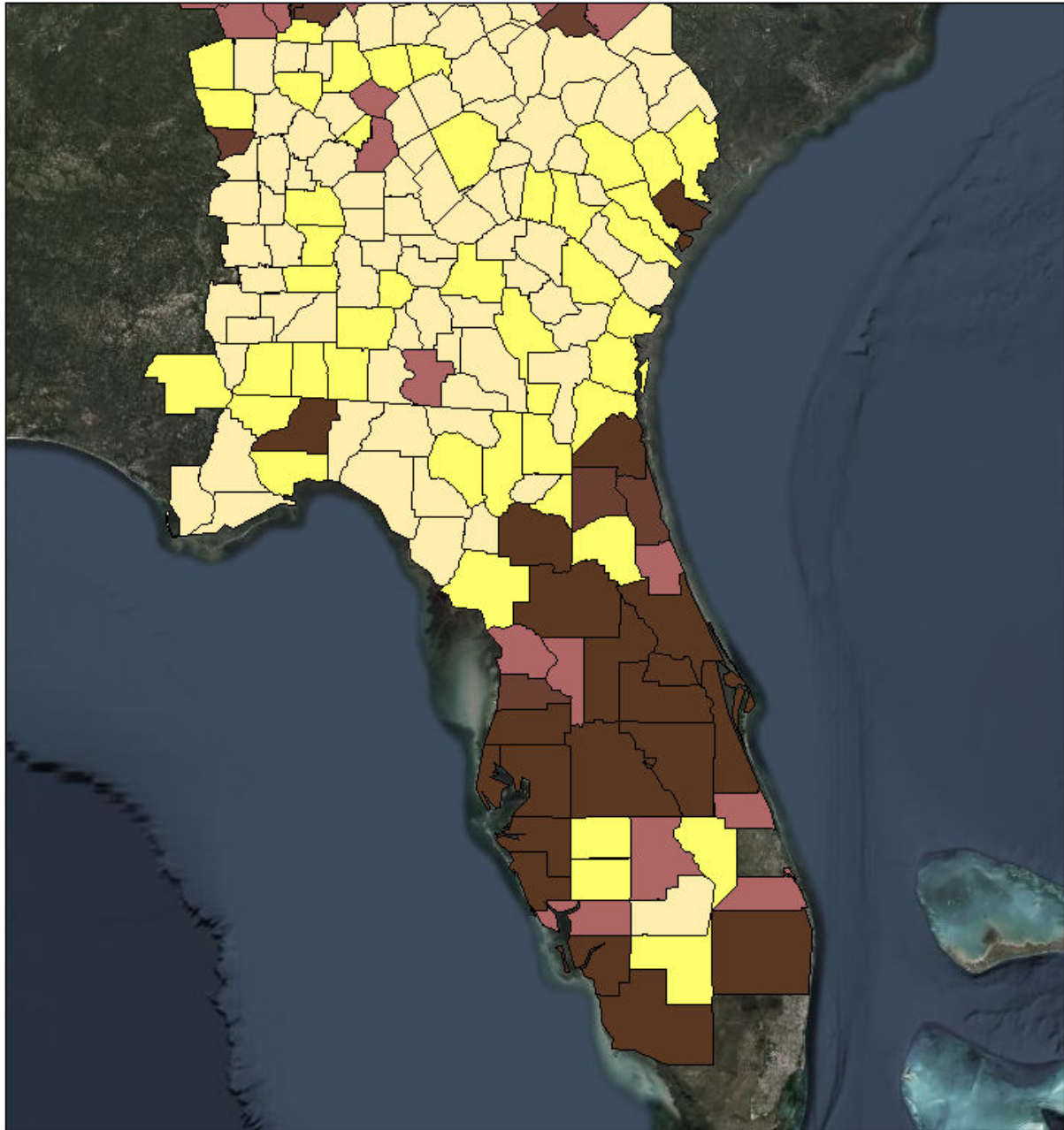
 1000 - 4999 units



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

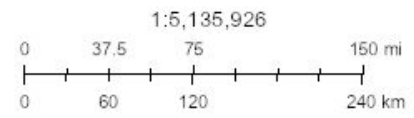
Created by SimSuite

Population



Population

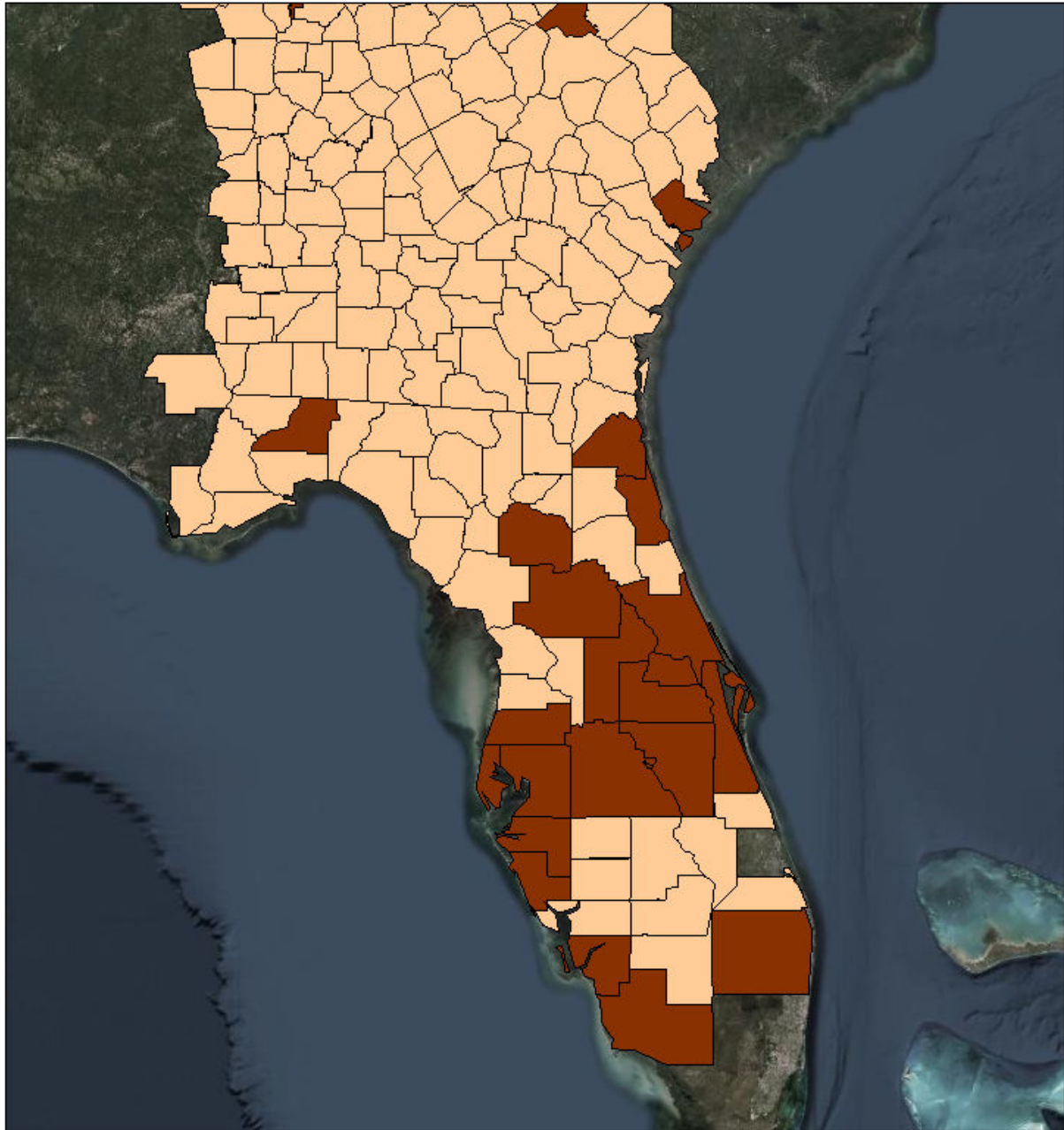
- < 25,000 persons
- 25,000 - 99,000 persons
- 100,000 - 174,999 persons
- 175,000 - 249,000 persons



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

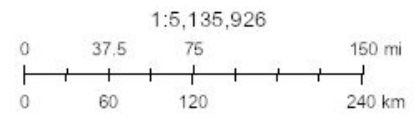
Created by SimSuite

Households



Households

- < 7,500 Households
- 15,000 - 24,999 Households
- 25,000 - 49,999 Households



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Created by SimSuite

Mission Summary



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.

Mission Summary	
Total Counties	17
Debris (cu. yd.)	3,947,791
Est. Temp. Roofing (units)	43,701
Act. Temp. Roofing (units)	10,925
Population	28,111,578
Households	10,102,609

Population Distribution	
Tropical Storm	22,735,024
Category 1	1,332,392
Category 2	588,547

FLORIDA	Yds of Debris (3,947,787)	Est. Roof Units (43,701)	Act. Roof Units (10,925)	Population (14,661,907)	Households (5,368,706)
Alachua	82,624	1,239	310	262,216	100,516
Baker	0	0	0	28,042	8,772
Bradford	0	0	0	26,996	9,479
Brevard	0	0	0	578,927	229,692
Charlotte	0	0	0	173,978	73,370
Citrus	190,954	2,249	562	144,825	63,304
Clay	0	0	0	209,524	68,792
Collier	0	0	0	368,652	133,179
Columbia	42,760	641	160	69,419	24,941
DeSoto	0	0	0	36,506	11,445
Dixie	15,528	223	56	16,299	6,316
Duval	0	0	0	932,755	342,450
Flagler	0	0	0	108,166	39,186
Franklin	0	0	0	11,622	4,254
Gadsden	0	0	0	47,015	16,952
Gilchrist	15,915	239	60	17,436	6,121
Glades	0	0	0	13,588	4,533
Gulf	0	0	0	16,377	5,335
Hamilton	3,869	58	15	14,344	4,617
Hardee	0	0	0	28,518	8,245
Hendry	0	0	0	39,553	12,025
Hernando	154,901	1,919	480	182,273	71,745
Highlands	0	0	0	102,012	42,604
Hillsborough	219,702	3,296	824	1,382,695	474,030

Indian River	0	0	0	149,718	60,176
Jackson	0	0	0	50,086	17,417
Jefferson	0	0	0	14,547	5,646
Lafayette	2,939	44	11	8,476	2,580
Lake	0	0	0	339,742	121,289
Lee	0	0	0	720,426	259,818
Leon	0	0	0	288,630	110,945
Levy	87,404	953	238	41,097	16,404
Liberty	0	0	0	8,737	2,525
Madison	0	0	0	18,862	6,985
Manatee	8,780	132	33	376,566	135,729
Marion	34,650	520	130	350,915	137,726
Martin	0	0	0	156,333	63,899
Nassau	0	0	0	80,628	28,794
Okeechobee	0	0	0	39,837	14,013
Orange	0	0	0	1,332,714	421,847
Osceola	0	0	0	333,980	90,603
Palm Beach	0	0	0	1,441,728	544,227
Pasco	375,551	4,365	1,091	512,082	189,612
Pinellas	2,688,854	27,472	6,868	968,279	415,876
Polk	0	0	0	662,431	227,485
Putnam	0	0	0	74,098	29,409
Sarasota	0	0	0	414,899	175,746
Seminole	0	0	0	457,650	164,706
St. Johns	0	0	0	238,439	75,338
Sumter	0	0	0	125,329	41,361
Suwannee	22,950	344	86	44,733	15,953
Taylor	0	0	0	22,641	7,920
Union	406	6	2	15,704	4,048
Volusia	0	0	0	528,719	208,236
Wakulla	0	0	0	32,143	10,490

GEORGIA	Yds of Debris (5)	Est. Roof Units (0)	Act. Roof Units (0)	Population (10,327,850)	Households (3,561,752)
Appling	0	0	0	18,451	6,969
Atkinson	0	0	0	9,278	2,983
Bacon	0	0	0	11,414	4,214
Baker	0	0	0	3,429	1,372
Baldwin	0	0	0	46,287	16,788
Banks	0	0	0	18,777	6,700
Barrow	0	0	0	77,579	23,971
Bartow	0	0	0	103,862	35,782
Ben Hill	0	0	0	17,395	6,794
Berrien	0	0	0	19,179	7,443

Bibb	0	0	0	155,460	60,295
Bleckley	0	0	0	13,279	4,660
Brantley	0	0	0	18,729	6,885
Brooks	0	0	0	15,810	6,457
Bryan	0	0	0	37,469	10,738
Bulloch	0	0	0	73,263	25,575
Burke	0	0	0	22,837	8,533
Butts	0	0	0	24,060	7,881
Calhoun	0	0	0	6,571	2,002
Camden	0	0	0	53,037	18,047
Candler	0	0	0	10,868	4,041
Carroll	0	0	0	115,825	39,187
Catoosa	0	0	0	67,105	24,475
Charlton	0	0	0	13,121	3,927
Chatham	0	0	0	292,686	103,038
Chattahoochee	0	0	0	11,365	2,686
Chattooga	0	0	0	25,285	9,548
Cherokee	0	0	0	243,136	75,936
Clarke	0	0	0	128,419	45,414
Clayton	0	0	0	276,308	90,633
Clinch	0	0	0	6,915	2,572
Cobb	0	0	0	750,357	260,056
Coffee	0	0	0	44,088	14,817
Colquitt	0	0	0	46,507	16,317
Columbia	0	0	0	153,260	44,898
Cook	0	0	0	17,974	6,339
Coweta	0	0	0	141,554	45,673
Crawford	0	0	0	12,404	4,822
Crisp	0	0	0	22,712	9,079
Dawson	0	0	0	24,006	8,433
Decatur	0	0	0	27,294	10,390
DeKalb	0	0	0	735,282	271,809
Dodge	0	0	0	21,017	8,177
Dooly	0	0	0	14,262	5,286
Dougherty	0	0	0	91,478	36,508
Douglas	0	0	0	141,880	46,624
Early	0	0	0	10,702	4,228
Echols	5	0	0	4,137	1,329
Effingham	0	0	0	60,602	18,092
Elbert	0	0	0	19,668	8,063
Emanuel	0	0	0	23,103	8,430
Evans	0	0	0	11,202	4,033
Fannin	0	0	0	25,575	10,187
Fayette	0	0	0	112,893	38,167

Floyd	0	0	0	97,725	35,930
Forsyth	0	0	0	228,348	59,433
Franklin	0	0	0	22,494	8,540
Fulton	0	0	0	1,022,768	376,377
Gilmer	0	0	0	30,516	11,314
Glascocock	0	0	0	3,091	1,162
Glynn	0	0	0	84,625	31,774
Gordon	0	0	0	57,237	19,715
Grady	0	0	0	25,489	9,418
Greene	0	0	0	17,316	6,519
Gwinnett	0	0	0	911,881	268,519
Habersham	0	0	0	45,088	15,472
Hall	0	0	0	195,340	60,691
Hancock	0	0	0	8,500	3,341
Harris	0	0	0	34,450	11,823
Hart	0	0	0	25,482	10,121
Henry	0	0	0	224,077	70,255
Houston	0	0	0	151,755	53,051
Irwin	0	0	0	9,302	3,495
Jackson	0	0	0	65,820	21,343
Jasper	0	0	0	13,773	5,044
Jeff Davis	0	0	0	15,280	5,689
Jefferson	0	0	0	16,389	6,241
Jenkins	0	0	0	9,170	3,192
Johnson	0	0	0	9,742	3,347
Jones	0	0	0	28,632	10,586
Lamar	0	0	0	18,260	6,618
Lanier	0	0	0	10,158	3,608
Laurens	0	0	0	48,971	18,641
Lee	0	0	0	30,338	9,706
Liberty	0	0	0	64,510	22,155
Lincoln	0	0	0	7,814	3,281
Long	0	0	0	18,728	5,023
Lowndes	0	0	0	114,022	39,747
Lumpkin	0	0	0	31,640	10,989
Macon	0	0	0	13,638	4,999
Madison	0	0	0	28,952	10,508
Marion	0	0	0	9,044	3,420
McDuffie	0	0	0	21,779	8,289
McIntosh	0	0	0	13,862	5,971
Meriwether	0	0	0	22,428	8,522
Miller	0	0	0	5,954	2,426
Mitchell	0	0	0	22,950	8,055
Morgan	0	0	0	27,212	9,662

monroe	0	0	0	21,242	9,002
Montgomery	0	0	0	9,422	3,287
Morgan	0	0	0	18,378	6,660
Murray	0	0	0	40,597	14,080
Muscogee	0	0	0	198,440	74,081
Newton	0	0	0	107,687	34,390
Oconee	0	0	0	36,936	11,622
Oglethorpe	0	0	0	15,499	5,647
Paulding	0	0	0	155,195	48,105
Peach	0	0	0	26,995	9,958
Pickens	0	0	0	31,228	11,291
Pierce	0	0	0	19,286	7,083
Pike	0	0	0	18,141	6,187
Polk	0	0	0	42,077	15,092
Pulaski	0	0	0	11,659	4,475
Putnam	0	0	0	21,541	8,601
Rabun	0	0	0	16,775	6,780
Randolph	0	0	0	7,610	3,187
Richmond	0	0	0	204,200	76,924
Rockdale	0	0	0	90,118	30,027
Schley	0	0	0	5,240	1,872
Screven	0	0	0	14,427	5,596
Seminole	0	0	0	8,594	3,509
Spalding	0	0	0	65,511	23,565
Stephens	0	0	0	26,115	10,289
Stewart	0	0	0	5,798	1,862
Sumter	0	0	0	31,626	12,123
Talbot	0	0	0	6,624	2,832
Taliaferro	0	0	0	1,676	759
Tattnall	0	0	0	25,147	8,210
Taylor	0	0	0	8,521	3,522
Telfair	0	0	0	16,196	5,543
Terrell	0	0	0	9,379	3,519
Thomas	0	0	0	46,458	17,573
Tift	0	0	0	41,027	14,836
Toombs	0	0	0	27,659	10,375
Towns	0	0	0	11,684	4,510
Treutlen	0	0	0	6,916	2,543
Troup	0	0	0	70,560	24,828
Turner	0	0	0	8,624	3,339
Twiggs	0	0	0	8,413	3,634
Union	0	0	0	22,864	9,116
Upson	0	0	0	26,740	10,716
Walker	0	0	0	68,696	26,497

Walton	0	0	0	90,861	29,583
Ware	0	0	0	35,094	13,654
Warren	0	0	0	5,524	2,315
Washington	0	0	0	21,289	7,547
Wayne	0	0	0	29,612	10,562
Webster	0	0	0	2,833	1,119
Wheeler	0	0	0	7,905	2,152
White	0	0	0	28,834	10,646
Whitfield	0	0	0	105,863	35,180
Wilcox	0	0	0	9,288	2,891
Wilkes	0	0	0	10,336	4,263
Wilkinson	0	0	0	9,285	3,666
Worth	0	0	0	21,111	8,214

NORTH CAROLINA	Yds of Debris (0)	Est. Roof Units (0)	Act. Roof Units (0)	Population (236,223)	Households (96,780)
Cherokee	0	0	0	28,342	11,753
Clay	0	0	0	10,929	4,660
Graham	0	0	0	8,792	3,701
Haywood	0	0	0	61,452	25,563
Jackson	0	0	0	41,834	16,446
Macon	0	0	0	34,738	14,591
Swain	0	0	0	15,286	5,672
Transylvania	0	0	0	34,850	14,394

SOUTH CAROLINA	Yds of Debris (0)	Est. Roof Units (0)	Act. Roof Units (0)	Population (1,380,283)	Households (503,239)
Abbeville	0	0	0	25,238	9,990
Aiken	0	0	0	170,230	64,253
Allendale	0	0	0	9,774	3,706
Anderson	0	0	0	198,293	73,829
Barnwell	0	0	0	21,937	8,937
Edgefield	0	0	0	27,396	9,348
Greenville	0	0	0	506,457	176,531
Greenwood	0	0	0	70,166	27,547
Hampton	0	0	0	21,006	7,598
Jasper	0	0	0	30,101	8,517
Laurens	0	0	0	67,718	25,525
McCormick	0	0	0	9,946	4,027
Oconee	0	0	0	76,972	30,676
Pickens	0	0	0	124,779	45,228
Saluda	0	0	0	20,270	7,527

TENNESSEE	Yds of Debris (0)	Est. Roof Units (0)	Act. Roof Units (0)	Population (1,505,315)	Households (572,132)
Anderson	0	0	0	77,305	31,253
Blount	0	0	0	130,800	49,265
Bradley	0	0	0	106,351	37,947
Hamilton	0	0	0	361,101	136,682
Knox	0	0	0	462,094	177,249
Loudon	0	0	0	52,794	19,826
McMinn	0	0	0	54,034	20,865
Meigs	0	0	0	12,101	4,686
Monroe	0	0	0	46,484	17,711
Polk	0	0	0	17,944	6,653
Rhea	0	0	0	33,425	12,276
Roane	0	0	0	53,626	22,376
Sevier	0	0	0	97,256	35,343

Critical Infrastructure

Summary			
Total Critical Facilities		2,383	
Power Requirements (kW)		68,380.2	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
Cellular Towers (200)	120.0	35 - 75	6,600.0
FM Antennas (68)	3.4	35 - 75	187.0
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (184)	0.0	200 - 300	0.0
Public Schools (439)	131.7	200 - 300	32,925.0
Colleges and Universities (30)	0.6	200 - 300	150.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (192)	19.2	15 - 35	480.0
Fire Stations (191)	19.1	15 - 35	477.5
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (526)	78.9	35 - 100	5,325.7
Hospitals (45)	13.5	800 - 2000	18,900.0
Urgent Care Facilities (38)	7.6	200 - 300	1,900.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Local Police (69)	6.9	15 - 35	172.5
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOCs	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (10)	2.0	15 - 40	55.0
State Emergency Operation Centers (EOCs) (0)	0.0	15 - 35	0.0
State Facilities	# FED Gen Req	Range (kW)	Req kW
Governors Mansions (0)	0.0	100 - 200	0.0
Major State Government Buildings (0)	0.0	100 - 200	0.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Amtrack Stations (1)	0.0	100 - 300	0.0
Bus Stations (5)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (133)	0.0	100 - 300	0.0
Railroad Stations (1)	0.0	100 - 300	0.0
Public-Use Airports (95)	11.4	40 - 100	798.0

Water and Wastewater	# FED Gen Req	Range (kW)	Req kW
Wastewater Treatment Plants (156)	7.8	35 - 70	409.5

COVID-19

#	County	Cases
---	--------	-------

Report Generated by SimSuite

<https://simsuite.usace.army.mil/wab/v2.15/MissionModels/#advid=266&oid=84&name=Hurricane%20lan&advisory=Advisory%20%2314&advlf=G>