

Hurricane Ian Situation Report for Sep 30, 2022 at 16:00

Data last updated on Sep 30, 2022 at 19:00

01 Vulnerability

Summary

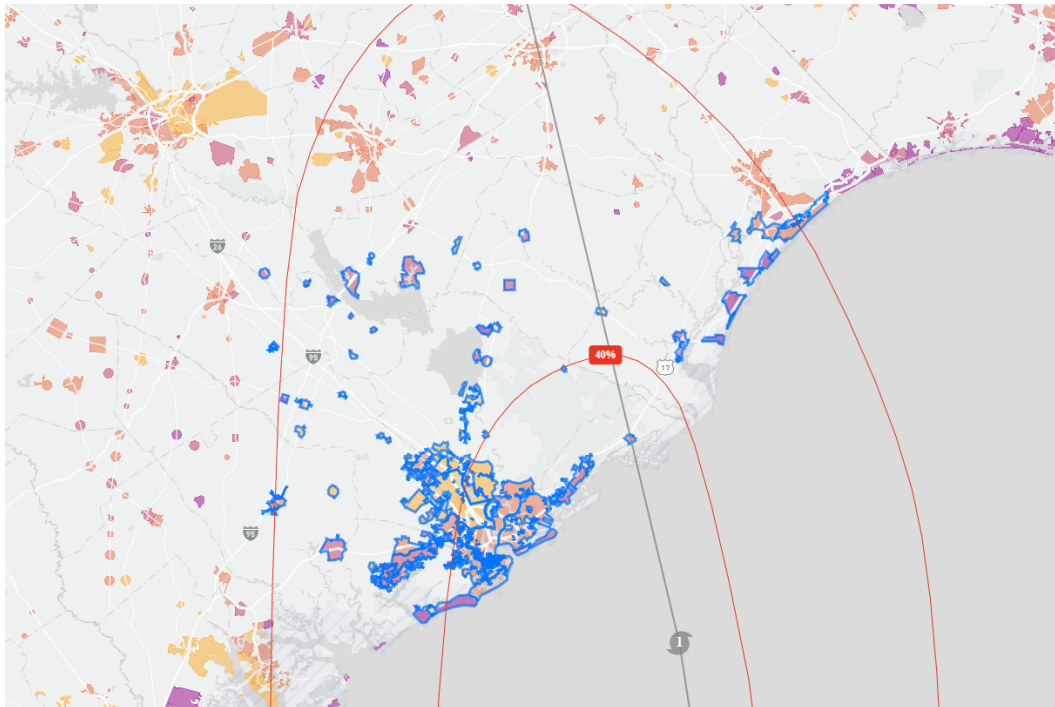
Hurricane Ian is set to make landfall as a Category 1 storm on Sept 30th in the area of Charleston, South Carolina.

Age vulnerabilities are relatively significant. The counties in the immediate path of the storm range from a low of 14% of the population over the age of 65 to a high of 28%. In some areas, particularly on a number of the islands just off the Atlantic coast, this proportion grows to 40% or more of the total population. Orangeburg, Williamsburg, and Clarendon counties are the areas in the storm path with the highest proportion of people living in poverty, with rates between 21% and 23%.

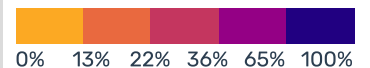
South Carolina has not yet experienced power outage to any significant degree, the recent experience in Florida shows that widespread outages should be expected. Rates of users of power-dependent medical equipment (DME) are relatively low to in-line with the national average, with the exception of Horry County which has a rate of DME users roughly 4x the average US county.

VULNERABILITY

Pop. > 65 yrs on Sep 30, 2022 at 16:00



% of Pop. > 65 yrs



Power outages on Sep 30, 2022 at 16:00 with place selections.

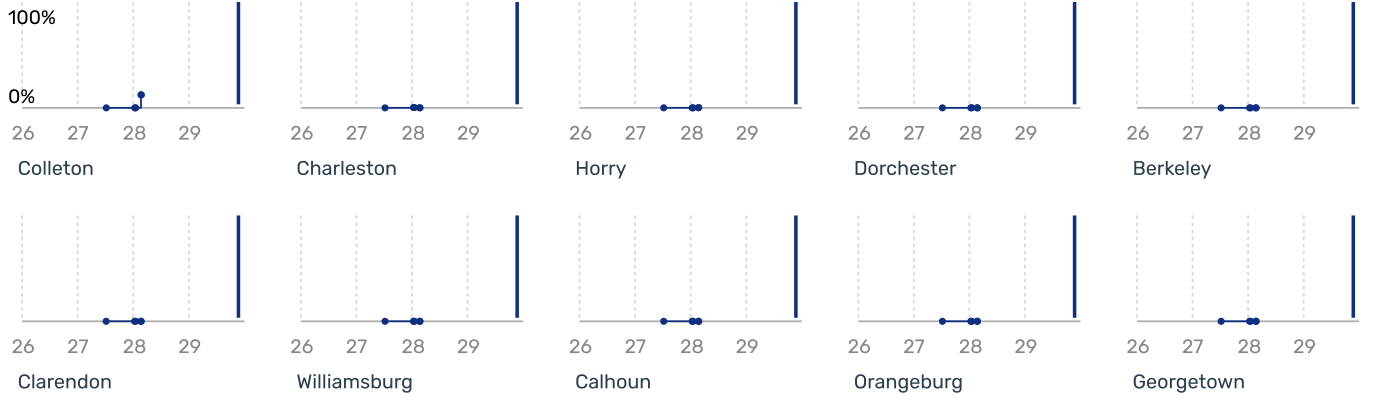
Demographics

Location	Total Pop.	Pop. > 65 yrs	% of Pop. > 65 yrs ▼	% of Pop. Below Poverty Level	Num. Customers Without Power	DME Users	DME Users / 100K Pop.
Georgetown County	62,150	17,268	28%	16%	0	689	0.0069
Horry County	344,186	82,869	24%	14%	0	4138	0.0414
Clarendon County	33,865	7,982	24%	21%	0	471	0.0047
Calhoun County	14,608	3,327	23%	19%	0	95	0.0009
Williamsburg County	30,810	6,387	21%	23%	0	376	0.0038
Colleton County	37,624	7,496	20%	19%	0	634	0.0063
Orangeburg County	86,953	17,040	20%	22%	0	822	0.0082
Charleston County	407,543	66,759	16%	12%	0	1995	0.0199
Dorchester County	161,309	22,464	14%	12%	0	1068	0.0107
Berkeley County	222,103	30,785	14%	12%	0	1235	0.0123
Pawleys Island	83	56	67%	1%	0	N/A	N/A
Seabrook Island	1,810	1,139	63%	7%	0	N/A	N/A
Kiawah Island	1,772	1,040	59%	6%	0	N/A	N/A
Rockville	132	71	54%	1%	0	N/A	N/A
DeBordieu Colony	712	381	54%	0%	0	N/A	N/A
Litchfield Beach	8,702	3,709	43%	17%	0	N/A	N/A
Reevesville	233	97	42%	3%	0	N/A	N/A
Russellville	173	71	41%	37%	0	N/A	N/A
Garden City	11,193	4,471	40%	10%	0	N/A	N/A
Murrells Inlet	9,292	3,367	36%	8%	0	N/A	N/A
Eutawville	515	181	35%	40%	0	N/A	N/A
Wyboo	4,027	1,408	35%	12%	0	N/A	N/A
Elloree	955	332	35%	21%	0	N/A	N/A
Bonneau Beach	1,294	430	33%	5%	0	N/A	N/A
Pinopolis	1,130	371	33%	2%	0	N/A	N/A
Summertown	791	252	32%	28%	0	N/A	N/A
North Santee	719	227	32%	17%	0	N/A	N/A
Cameron	338	105	31%	14%	0	N/A	N/A
Isle Of Palms	4,371	1,331	30%	3%	0	N/A	N/A
Greeleyville	344	104	30%	37%	0	N/A	N/A
Jacksonboro	200	60	30%	30%	0	N/A	N/A
Bowman	617	182	29%	37%	0	N/A	N/A
Surfside Beach	4,470	1,283	29%	9%	0	N/A	N/A
Santee	1,165	334	29%	43%	0	N/A	N/A
Meggett	1,124	320	28%	6%	0	N/A	N/A
Awendaw	1,744	491	28%	13%	0	N/A	N/A
Lane	569	157	28%	10%	0	N/A	N/A
Lincolnton	2,429	656	27%	35%	0	N/A	N/A
Hollywood	5,273	1,373	26%	7%	0	N/A	N/A
Sullivan's Island	2,177	523	24%	14%	0	N/A	N/A

Location	Total Pop.	Pop. > 65 yrs	% of Pop. > 65 yrs ▼	% of Pop. Below Poverty Level	Num. Customers Without Power	DME Users	DME Users / 100K Pop.
Kingstree	3,058	726	24%	27%	0	N/A	N/A
Georgetown	8,884	2,104	24%	21%	0	N/A	N/A
Bonneau	1,801	410	23%	53%	0	N/A	N/A
Vance	102	23	23%	21%	0	N/A	N/A
Ravenel	2,650	567	21%	14%	0	N/A	N/A
St. George	2,209	468	21%	34%	0	N/A	N/A
Myrtle Beach	33,638	7,037	21%	22%	0	N/A	N/A
Socastee	25,846	5,287	20%	16%	0	N/A	N/A
McClellanville	613	122	20%	5%	0	N/A	N/A
Holly Hill	1,469	287	20%	34%	0	N/A	N/A
Folly Beach	2,664	505	19%	10%	0	N/A	N/A
Harleyville	658	118	18%	30%	0	N/A	N/A
Walterboro	5,417	913	17%	23%	0	N/A	N/A
Mount Pleasant	89,410	14,917	17%	5%	0	N/A	N/A
James Island	12,157	1,986	16%	5%	0	N/A	N/A
St. Stephen	1,511	245	16%	40%	0	N/A	N/A
Bucksport	607	96	16%	23%	0	N/A	N/A
Dunbar	1,058	164	16%	15%	0	N/A	N/A
Charleston	137,041	21,037	15%	12%	0	N/A	N/A
Summerville	53,643	7,390	14%	10%	0	N/A	N/A
Ridgeville	1,849	241	13%	8%	0	N/A	N/A
Hanahan	25,743	3,304	13%	12%	0	N/A	N/A
Cottageville	1,090	132	12%	8%	0	N/A	N/A
Ladson	15,252	1,787	12%	11%	0	N/A	N/A
Andrews	3,041	349	11%	29%	0	N/A	N/A
North Charleston	113,880	12,671	11%	19%	0	N/A	N/A
Goose Creek	42,944	4,566	11%	8%	0	N/A	N/A
Jamestown	114	12	11%	4%	0	N/A	N/A
Moncks Corner	11,370	1,147	10%	13%	0	N/A	N/A
Adams Run	772	75	10%	31%	0	N/A	N/A
Sangaree	9,249	888	10%	12%	0	N/A	N/A
Pimlico	1,450	136	9%	0%	0	N/A	N/A
Grover	431	33	8%	39%	0	N/A	N/A
Foreston	124	N/A	0%	0%	0	N/A	N/A

Power Outages

Counties



Places

100%

0%

26 27 28 29

Rockville

26 27 28 29

Seabrook Island

26 27 28 29

Kiawah Island

26 27 28 29

Folly Beach

26 27 28 29

James Island

26 27 28 29

Adams Run

26 27 28 29

Meggett

26 27 28 29

Jacksonboro

26 27 28 29

Hollywood

26 27 28 29

Ravenel

26 27 28 29

Walterboro

26 27 28 29

Cottageville

26 27 28 29

North Charleston

26 27 28 29

Hanahan

26 27 28 29

Mount Pleasant

26 27 28 29

Charleston

26 27 28 29

Isle of Palms

26 27 28 29

Sullivan's Island

26 27 28 29

Socastee

26 27 28 29

Garden City

26 27 28 29

Surfside Beach

26 27 28 29

Bucksport

26 27 28 29

Myrtle Beach

26 27 28 29

Summerton

26 27 28 29

Foreston

26 27 28 29

Kingstree

26 27 28 29

Lane

26 27 28 29

Greeleyville

26 27 28 29

Wyboo

26 27 28 29

Cameron

26 27 28 29

North Santee

26 27 28 29

Elloree

26 27 28 29

Santee

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Vance

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Eutawville

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DeBordieu Colony

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Georgetown

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Moncks Corner