

Hurricane Ian Situation Report for Sep 28, 2022 at 16:00

Data last updated on Sep 29, 2022 at 19:00

01 Disaster

02 Movement

03 Vulnerability

Summary

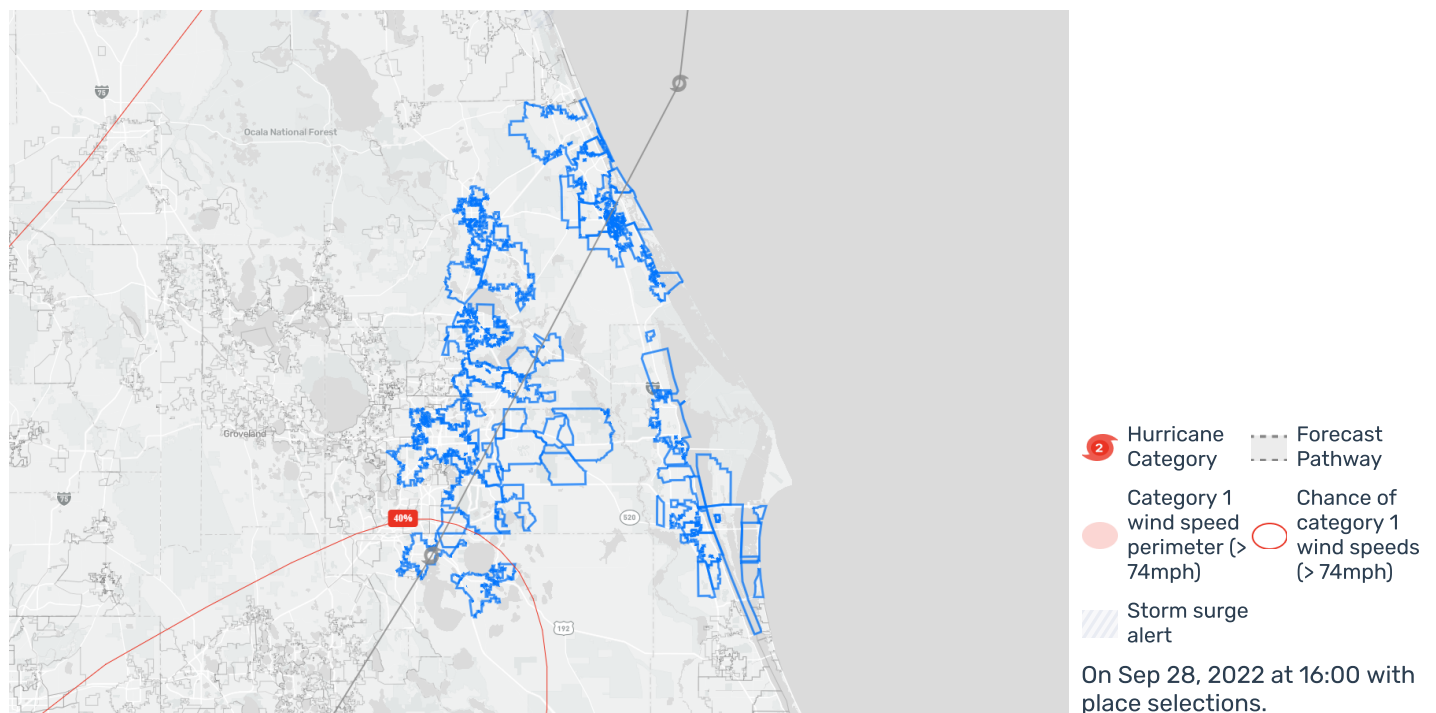
Hurricane Ian passed over the central and eastern sections of Florida on Sept 29th at category 1 strength. Power outages were not prevalent through this region, with modest outages in Volusia, Brevard and Orange.

Most areas showed population increases, in part due to evacuations from southwestern Florida, which bore the brunt of the storm. Coastal areas including Daytona Beach and Cocoa Beach showed modest declines between 1% and 9%. Areas from Kissimmee to Alafaya showed increases between 7% and 10%.

Volusia and Brevard counties have a high percentage of elderly residents at 24%, with a high number of users of power-dependent medical devices at over 13,000 between the two counties. Orange County is younger than the others, with only 12% of residents over 65, but given its relatively higher total population also has roughly the same average number of power-dependent medical device users.

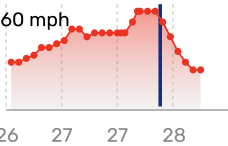
DISASTER

Hurricane Path on Sep 28, 2022 at 16:00



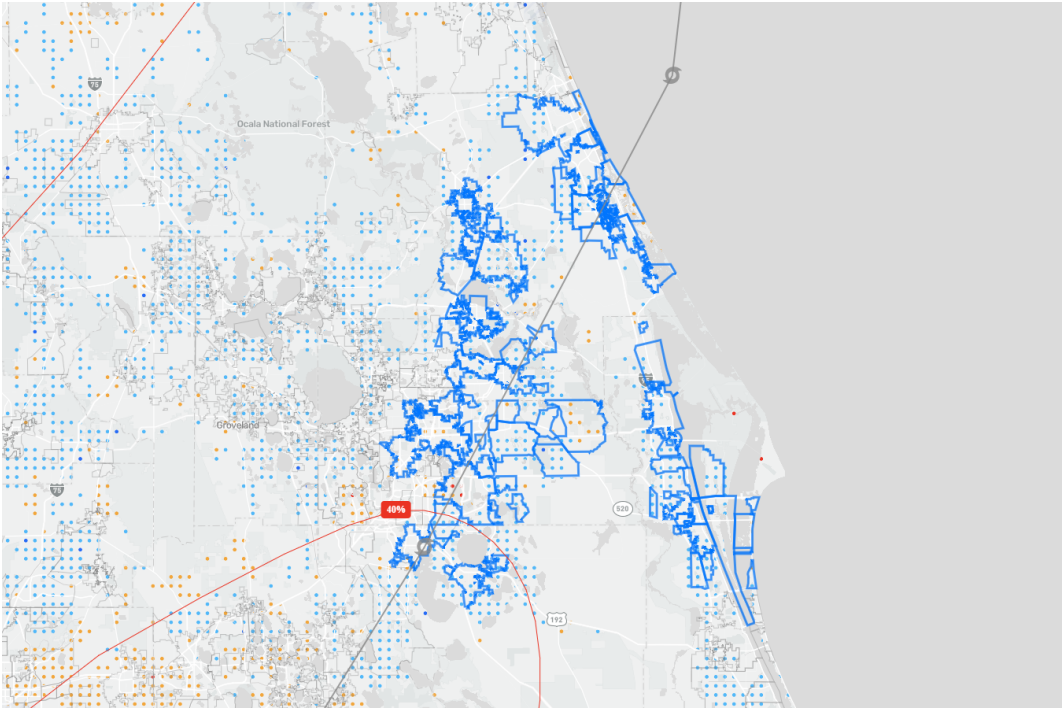
Wind Speed Over Time

Hurricane Ian



MOVEMENT

% Pop. Density Change on Sep 28, 2022 at 16:00



Facebook Mobility Data

- 50%+
- 50 to -10%
- 10 to 50%
- 50%+

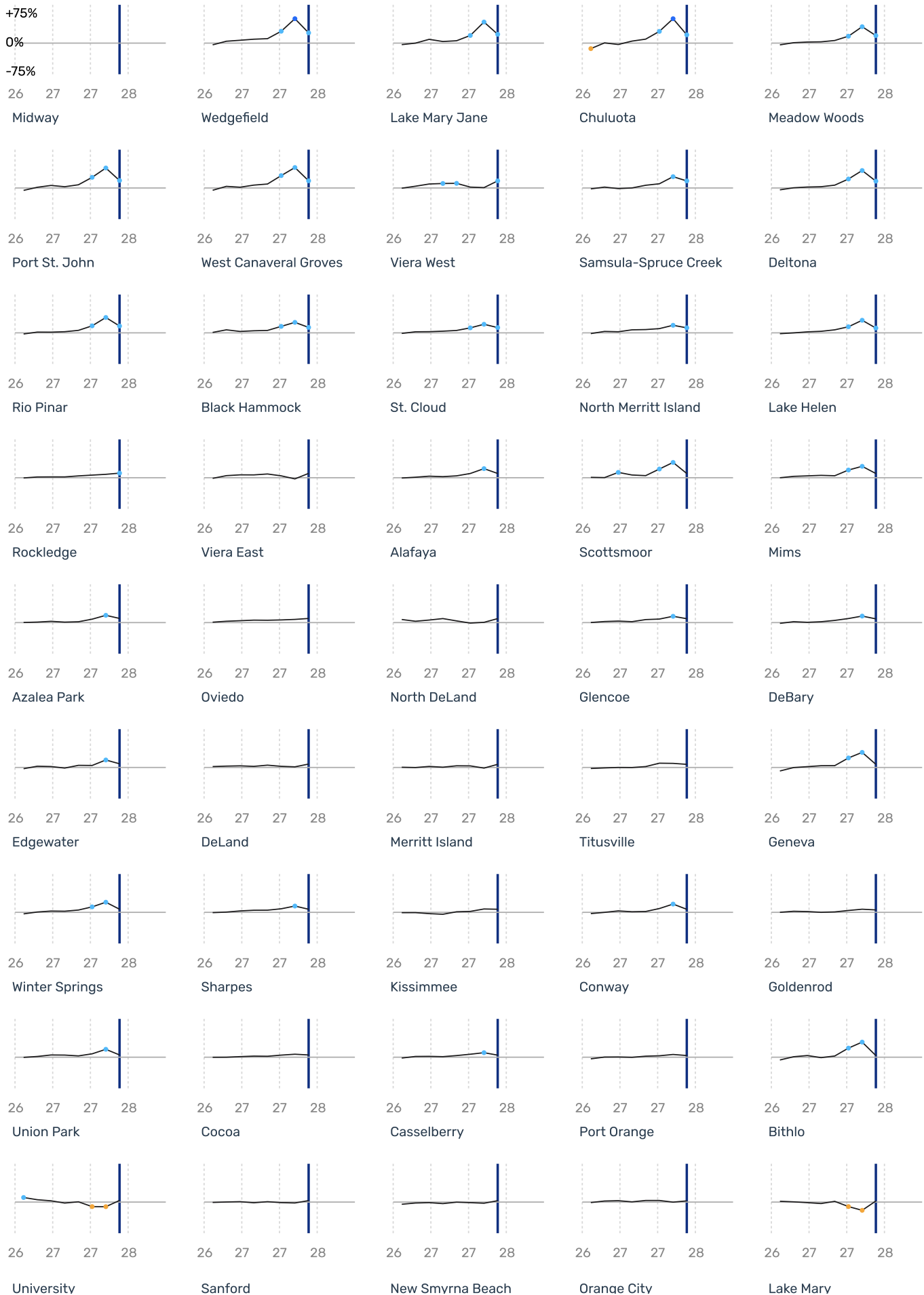
% Pop. Density Change on Sep 28, 2022 at 16:00 with place selections.

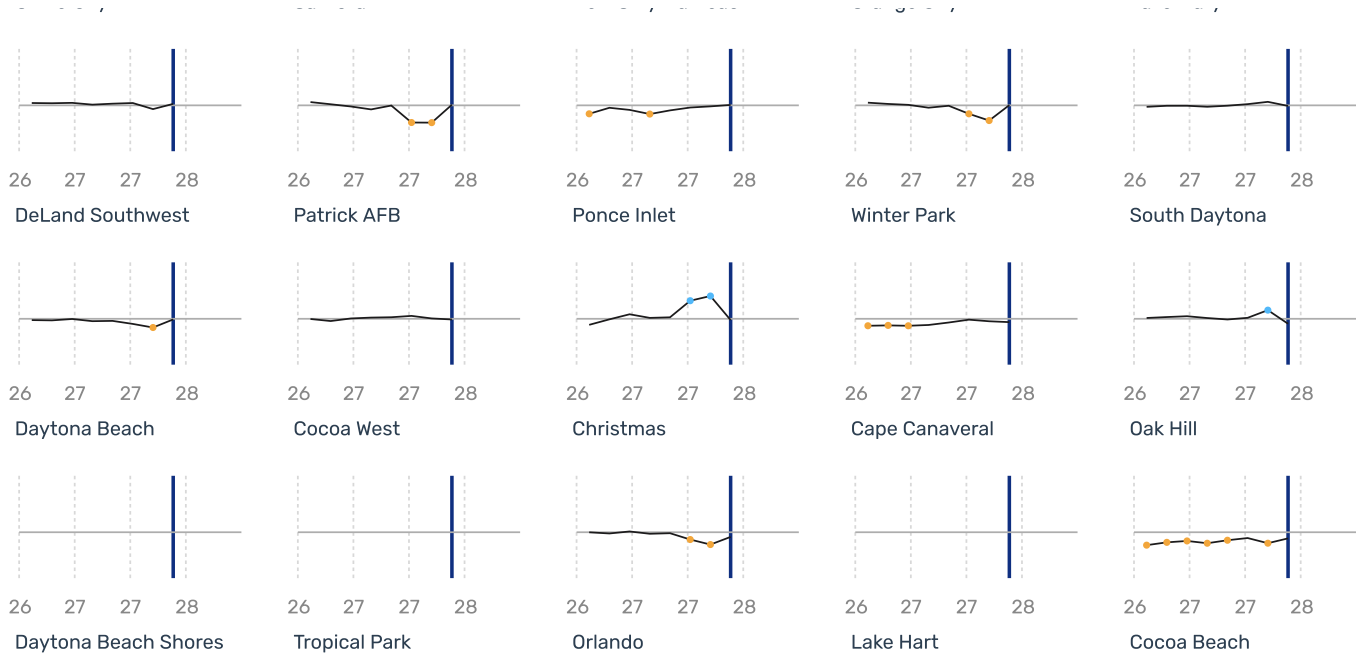
Population Density on Sep 28, 2022 at 16:00

Location	Baseline Pop.	Current Crisis Pop.	Pop. Density vs. Baseline ▼	Confidence Level
Osceola County	104345	114487	10%	N/A
Brevard County	120721	132045	9%	N/A
Seminole County	89050	94429	6%	N/A
Volusia County	115591	121868	5%	N/A
Orange County	356273	359301	1%	N/A
Midway	N/A	N/A	N/A	N/A
Wedgefield	1651	2030	23%	N/A
Lake Mary Jane	434	520	20%	N/A
Chuluota	286	339	19%	N/A
Meadow Woods	8313	9713	17%	N/A
Port St. John	3147	3673	17%	N/A
West Canaveral Groves	166	193	16%	N/A
Viera West	2636	3055	16%	N/A
Samsula-Spruce Creek	1385	1604	16%	N/A
Deltona	15116	17429	15%	N/A
Rio Pinar	1160	1337	15%	N/A
Black Hammock	737	827	12%	N/A
St. Cloud	8634	9650	12%	N/A
North Merritt Island	1681	1870	11%	N/A
Lake Helen	668	740	11%	N/A
Rockledge	4365	4812	10%	N/A
Viera East	1873	2055	10%	N/A
Alafaya	17972	19679	10%	N/A
Scottsmoor	85	93	9%	N/A
Mims	1388	1518	9%	N/A
Azalea Park	5061	5533	9%	N/A
Oviedo	4224	4613	9%	N/A
North DeLand	562	612	9%	N/A
Glencoe	333	362	9%	N/A
DeBary	5182	5615	8%	N/A
Edgewater	3740	4047	8%	N/A
DeLand	4501	4843	8%	N/A
Merritt Island	8106	8675	7%	N/A
Titusville	8527	9122	7%	N/A
Geneva	518	554	7%	N/A
Winter Springs	7195	7694	7%	N/A
Sharpes	803	858	7%	N/A
Kissimmee	17638	18850	7%	N/A
Conway	3163	3377	7%	N/A
Goldenrod	2571	2709	5%	N/A

Location	Baseline Pop.	Current Crisis Pop.	Pop. Density vs. Baseline ▼	Confidence Level
Union Park	1169	1228	5%	N/A
Cocoa	5567	5845	5%	N/A
Casselberry	4986	5213	5%	N/A
Port Orange	10234	10618	4%	N/A
Bithlo	1287	1334	4%	N/A
University	5374	5566	4%	N/A
Sanford	10733	11085	3%	N/A
New Smyrna Beach	6504	6703	3%	N/A
Orange City	2907	2983	3%	N/A
Lake Mary	4654	4763	2%	N/A
DeLand Southwest	748	765	2%	N/A
Patrick AFB	595	601	1%	N/A
Ponce Inlet	488	491	1%	N/A
Winter Park	6850	6876	0%	N/A
South Daytona	3137	3110	−1%	N/A
Daytona Beach	18512	18336	−1%	N/A
Cocoa West	397	393	−1%	N/A
Christmas	779	764	−2%	N/A
Cape Canaveral	1998	1897	−5%	N/A
Oak Hill	449	415	−8%	N/A
Daytona Beach Shores	N/A	N/A	N/A	N/A
Tropical Park	N/A	N/A	N/A	N/A
Orlando	77537	72055	−7%	N/A
Lake Hart	N/A	N/A	N/A	N/A
Cocoa Beach	2839	2574	−9%	N/A

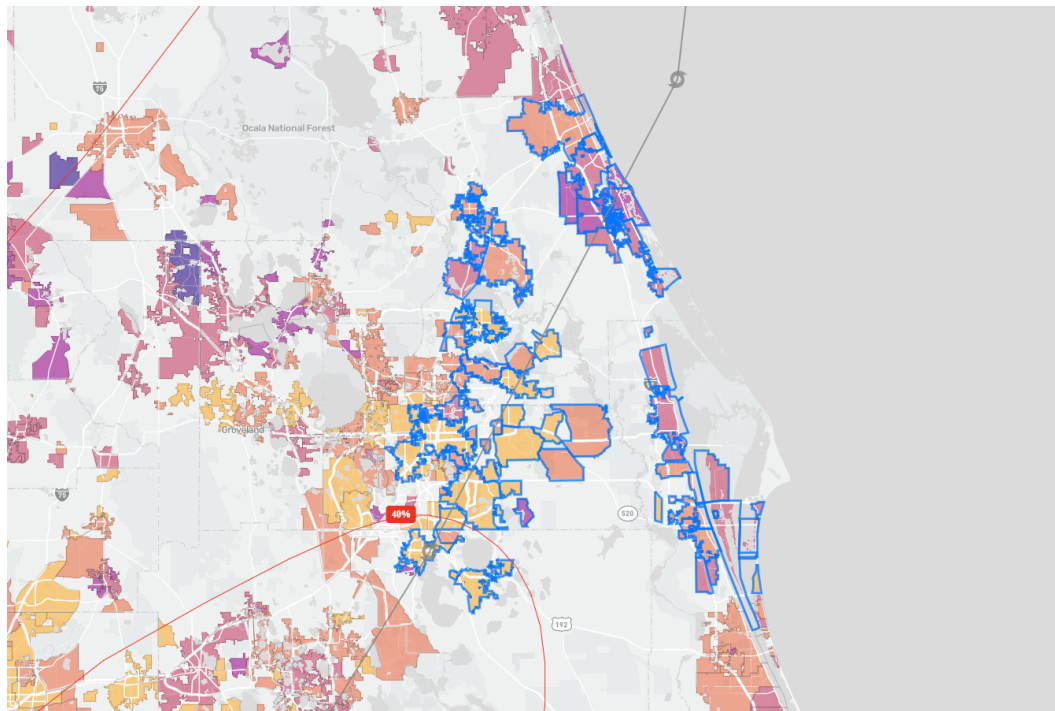
% Pop. Density Change Over Time



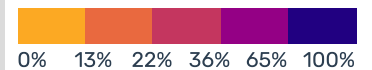


VULNERABILITY

Pop. > 65 yrs on Sep 28, 2022 at 16:00



% of Pop. > 65 yrs



Power outages on Sep 28, 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.
Volusia County	546,107	133,744	24%	13%	0	6566	0.0657
Brevard County	594,001	140,835	24%	11%	0	6617	0.0662
Seminole County	466,695	72,481	16%	10%	0	3142	0.0314
Osceola County	363,666	47,588	13%	13%	0	2134	0.0213
Orange County	1,373,784	163,710	12%	14%	0	6887	0.0689
Daytona Beach Shores	4,552	2,273	50%	8%	0	N/A	N/A
Ponce Inlet	3,272	1,627	50%	6%	0	N/A	N/A
New Smyrna Beach	27,207	10,356	38%	10%	0	N/A	N/A
Lake Mary Jane	1,917	700	37%	5%	0	N/A	N/A
Samsula-Spruce Creek	5,016	1,811	36%	10%	0	N/A	N/A
Cape Canaveral	10,411	3,697	36%	11%	0	N/A	N/A
Cocoa Beach	11,663	3,893	33%	7%	0	N/A	N/A
Scottsmeer	867	285	33%	27%	0	N/A	N/A
Edgewater	23,710	7,538	32%	10%	0	N/A	N/A
Viera East	12,284	3,700	30%	5%	0	N/A	N/A
Orange City	12,232	3,623	30%	12%	0	N/A	N/A
Mims	7,164	2,024	28%	13%	0	N/A	N/A
North DeLand	1,119	294	26%	44%	0	N/A	N/A
Viera West	14,204	3,706	26%	6%	0	N/A	N/A
Oak Hill	2,041	523	26%	13%	0	N/A	N/A
North Merritt Island	8,343	2,134	26%	6%	0	N/A	N/A
DeBary	21,053	5,210	25%	8%	0	N/A	N/A
Port Orange	63,815	15,710	25%	13%	0	N/A	N/A
Merritt Island	33,975	8,104	24%	7%	0	N/A	N/A
Titusville	46,307	10,903	24%	13%	0	N/A	N/A
Midway	1,417	331	23%	29%	0	N/A	N/A
Winter Park	30,764	6,865	22%	9%	0	N/A	N/A
Rockledge	27,739	5,952	21%	8%	0	N/A	N/A
Rio Pinar	5,615	1,185	21%	4%	0	N/A	N/A
DeLand	33,620	7,054	21%	12%	0	N/A	N/A
South Daytona	13,098	2,694	21%	19%	0	N/A	N/A
Daytona Beach	68,711	13,782	20%	20%	0	N/A	N/A
Lake Mary	16,987	3,380	20%	4%	0	N/A	N/A
Winter Springs	36,859	7,108	19%	7%	0	N/A	N/A
Conway	13,266	2,534	19%	5%	0	N/A	N/A
Lake Helen	2,787	509	18%	9%	0	N/A	N/A
Cocoa	20,151	3,631	18%	13%	0	N/A	N/A
Christmas	1,601	281	18%	2%	0	N/A	N/A
Cocoa West	5,966	1,007	17%	35%	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.
Glencoe	1,439	242	17%	13%	0	N/A	N/A
Wedgefield	7,702	1,256	16%	5%	0	N/A	N/A
Deltona	91,847	14,808	16%	11%	0	N/A	N/A
Casselberry	28,502	4,364	15%	16%	0	N/A	N/A
Port St. John	23,940	3,645	15%	13%	0	N/A	N/A
Sharpes	2,752	416	15%	17%	0	N/A	N/A
Black Hammock	1,080	157	15%	6%	0	N/A	N/A
Azalea Park	15,495	2,241	14%	16%	0	N/A	N/A
Union Park	10,832	1,480	14%	17%	0	N/A	N/A
Goldenrod	12,341	1,612	13%	14%	0	N/A	N/A
Sanford	60,337	7,739	13%	16%	0	N/A	N/A
St. Cloud	53,132	6,709	13%	11%	0	N/A	N/A
Kissimmee	72,410	9,011	12%	25%	0	N/A	N/A
Geneva	3,164	385	12%	2%	0	N/A	N/A
Tropical Park	2,064	246	12%	42%	0	N/A	N/A
DeLand Southwest	1,372	150	11%	45%	0	N/A	N/A
Alafaya	91,468	9,365	10%	11%	0	N/A	N/A
Orlando	284,817	28,877	10%	16%	0	N/A	N/A
Meadow Woods	39,424	3,720	9%	12%	0	N/A	N/A
Oviedo	41,062	3,863	9%	5%	0	N/A	N/A
Bithlo	10,101	846	8%	20%	0	N/A	N/A
Lake Hart	382	29	8%	6%	0	N/A	N/A
Chuluota	1,939	145	7%	4%	0	N/A	N/A
University	36,709	2,158	6%	15%	0	N/A	N/A
Patrick AFB	1,642	81	5%	7%	0	N/A	N/A
West Canaveral Groves	122	N/A	0%	0%	0	N/A	N/A

Power Outages

Counties

