

Hurricane Helene Situation Report for Oct 2, 2024 at 19:00 EDT

Data last updated on Oct 4, 2024 at 00:00 EDT

01 Movement

02 Vulnerability

Summary

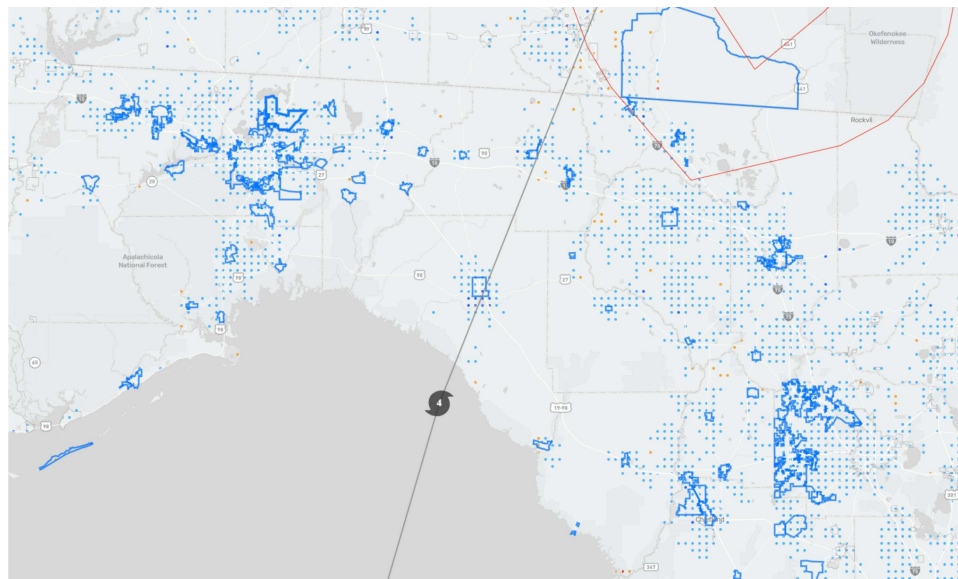
FLORIDA SUMMARY: Hurricane Helene made landfall on September 26th in the Big Bend area of Florida as a Category 4 storm. Several coastal communities were evacuated prior to landfall and experienced in some cases severe wind, flooding, and storm surge damage. At least 12 deaths have been attributed to the storm in Florida, in the Tampa Bay area, and over 200 deaths so far along the entire extent of the impact pathway through the interior of the southeastern US, making Helene the deadliest storm to strike the US since Hurricane Katrina.

According to population dynamics data from Data for Good at Meta, as of the evening of October 2nd almost all communities in Florida's Big Bend region had returned to baseline population, with the exception of Steinhatchee, St. George Island, and St. Marks, all of which are small coastal communities with high exposure to hurricane impacts. Since September 30th Steinhatchee has seen significant variance between above-baseline daytime population over +10% and below-baseline nighttime population over -10%, which can be accounted for by the presence of relief, recovery, and debris clearance efforts in an area where housing may not be possible to re-occupy. Steinhatchee was hit particularly hard last year by Hurricane Idalia, and is considered to be highly vulnerable, with 54% of residents aged 65 or above, and 22% below federal poverty.

Population movements away from coastal communities began on average on the 25th of September and returned to baseline by the 28th of September throughout the Big Bend, with some local variations.

MOVEMENT

% Pop. Density Change on Oct 2, 2024 at 19:00 EDT



Facebook Mobility Data

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

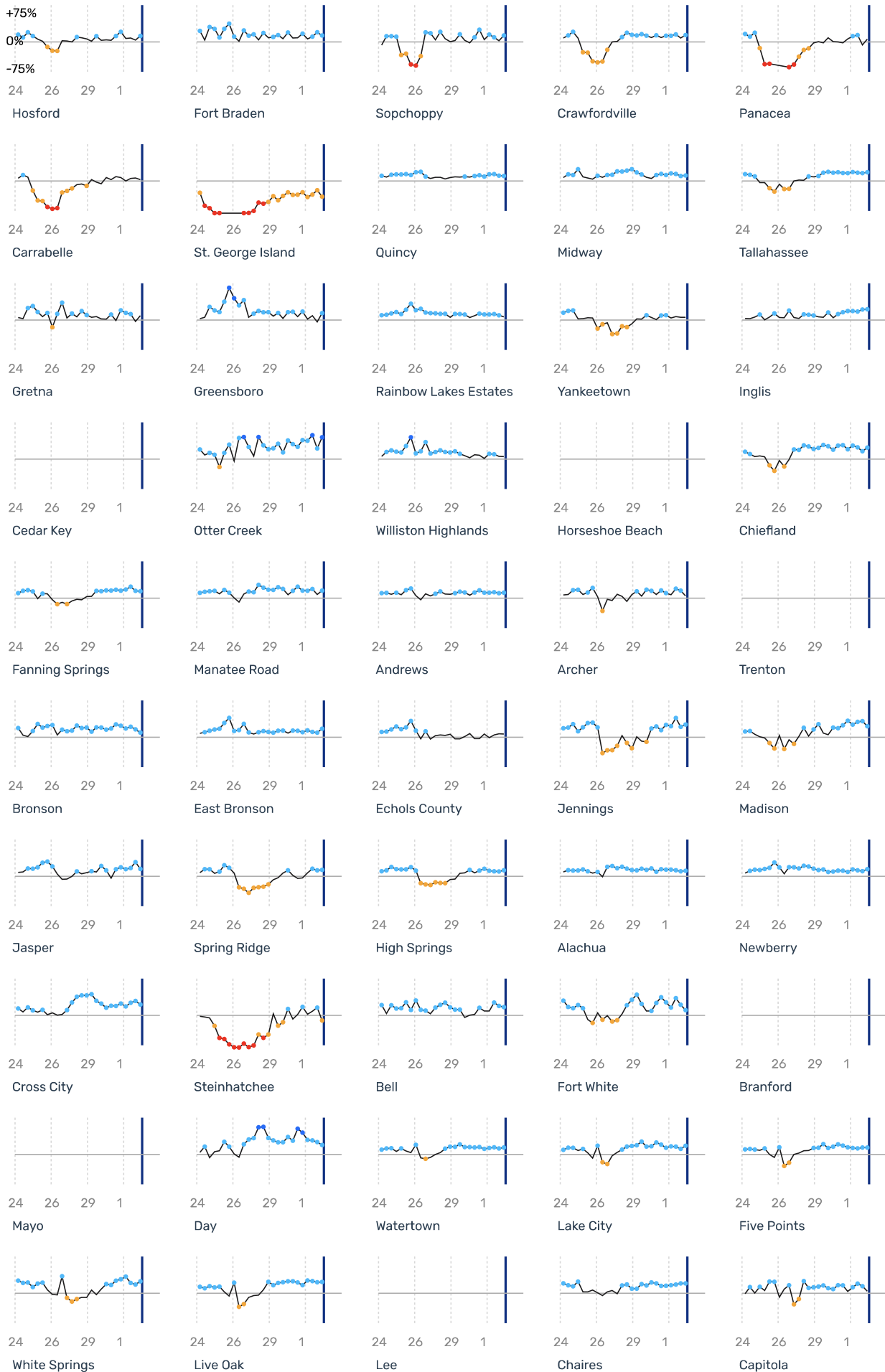
% Pop. Density Change on Oct 2, 2024 at 19:00 EDT with place selections.

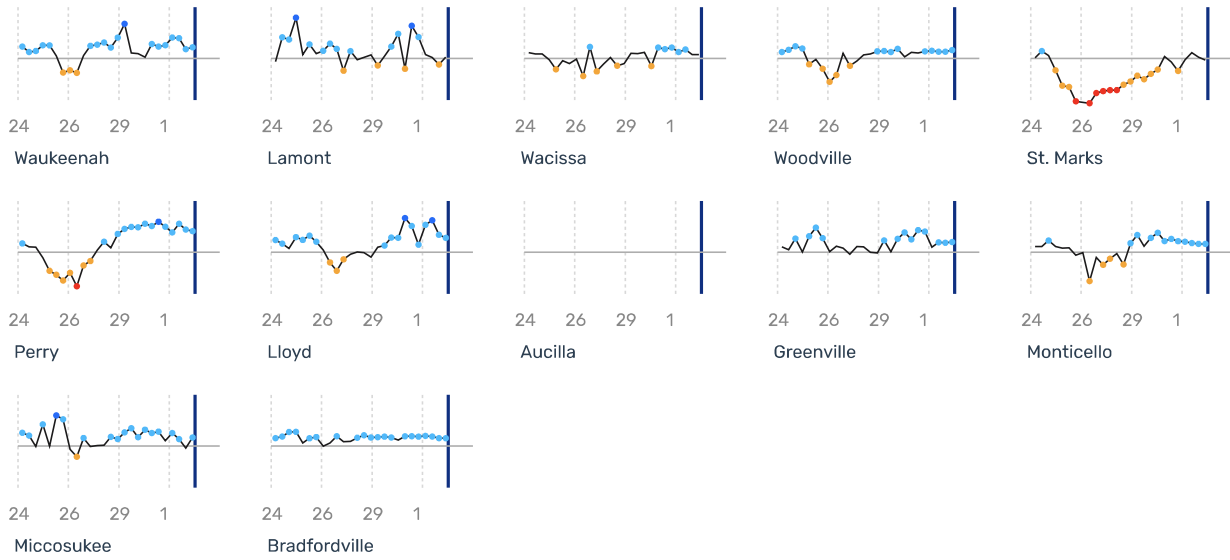
Population Density on Oct 2, 2024 at 19:00 EDT

Location	Baseline Pop.	Current Crisis Pop.	Pop. Density vs. Baseline ▼	Confidence Level
Taylor	7458	9828	32%	N/A
Leon	93733	110671	18%	N/A
Suwannee	17509	20599	18%	N/A
Alachua	92761	108521	17%	N/A
Hamilton	3758	4379	17%	N/A
Madison	4857	5650	16%	N/A
Lafayette	2203	2547	16%	N/A
Levy	19206	22104	15%	N/A
Columbia	29747	34093	15%	N/A
Wakulla	13264	15092	14%	N/A
Dixie	6188	7023	14%	N/A
Jefferson	3300	3742	13%	N/A
Marion	173553	194553	12%	N/A
Gadsden	13869	15507	12%	N/A
Gilchrist	7364	8153	11%	N/A
Liberty	2170	2389	10%	N/A
Echols	1455	1558	7%	N/A
Franklin	5046	4794	-5%	N/A
Otter Creek	25	38	51%	N/A
Perry	1839	2485	35%	N/A
Jennings	128	166	29%	N/A
White Springs	103	132	28%	N/A
Live Oak	1786	2264	27%	N/A
Chiefland	904	1143	26%	N/A
Madison	566	709	25%	N/A
Cross City	193	241	25%	N/A
Inglis	422	527	25%	N/A
Lloyd	49	61	24%	N/A
Chaires	96	118	23%	N/A
Day	28	34	22%	N/A
Tallahassee	56948	68463	20%	N/A
Lake City	3922	4704	20%	N/A
East Bronson	728	870	20%	N/A
Bell	94	112	19%	N/A
Waukeenah	51	60	18%	N/A
Manatee Road	612	719	17%	N/A
Greenville	72	84	17%	N/A
Jasper	216	252	17%	N/A
Newberry	3553	4137	16%	N/A
Greensboro	144	167	16%	N/A
Fanning Springs	510	591	16%	N/A
Watertown	698	809	16%	N/A
Crawfordville	1207	1396	16%	N/A
Five Points	488	564	16%	N/A

Location	Baseline Pop.	Current Crisis Pop.	Pop. Density vs. Baseline ▼	Confidence Level
Fort Braden	299	343	15%	N/A
Spring Ridge	213	244	15%	N/A
Sopchoppy	123	141	15%	N/A
Miccosukee	41	47	14%	N/A
High Springs	2137	2434	14%	N/A
Monticello	659	750	14%	N/A
Woodville	869	989	14%	N/A
Hosford	181	206	14%	N/A
Bradfordville	3844	4341	13%	N/A
Alachua	3806	4292	13%	N/A
Andrews	359	404	12%	N/A
Midway	1025	1153	12%	N/A
Fort White	116	130	12%	N/A
Quincy	2230	2483	11%	N/A
Bronson	499	552	11%	N/A
Gretna	55	60	10%	N/A
Rainbow Lakes Estates	1124	1208	7%	N/A
Echols County	1421	1522	7%	N/A
Wacissa	79	84	6%	N/A
Panacea	109	116	6%	N/A
Yankeetown	134	142	6%	N/A
Williston Highlands	742	783	6%	N/A
Archer	355	374	5%	N/A
Carrabelle	429	443	3%	N/A
Steinhatchee	446	391	-12%	N/A
St. George Island	492	311	-37%	N/A
Cedar Key	N/A	N/A	N/A	N/A
Horseshoe Beach	N/A	N/A	N/A	N/A
Trenton	N/A	N/A	N/A	N/A
Branford	N/A	N/A	N/A	N/A
Mayo	N/A	N/A	N/A	N/A
Lee	N/A	N/A	N/A	N/A
Capitola	39	41	5%	N/A
Lamont	27	27	2%	N/A
St. Marks	94	91	-3%	N/A
Aucilla	N/A	N/A	N/A	N/A

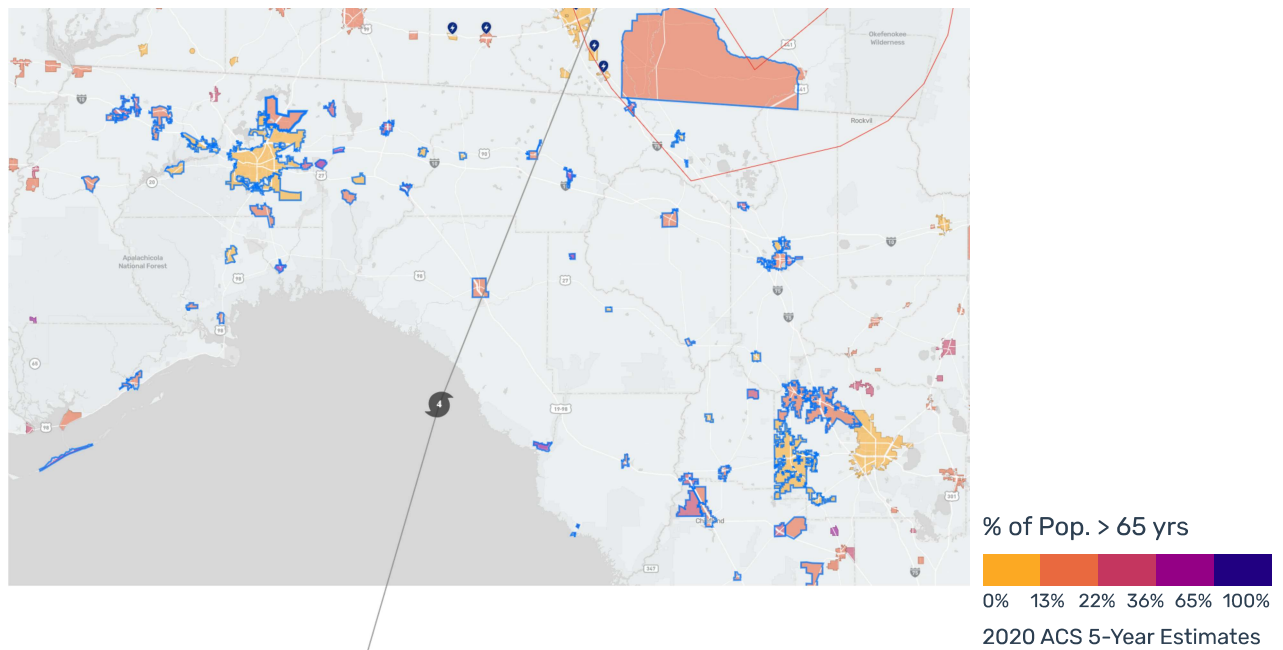
% Pop. Density Change Over Time





VULNERABILITY

Pop. > 65 yrs on Oct 2, 2024 at 19:00 EDT



Demographics

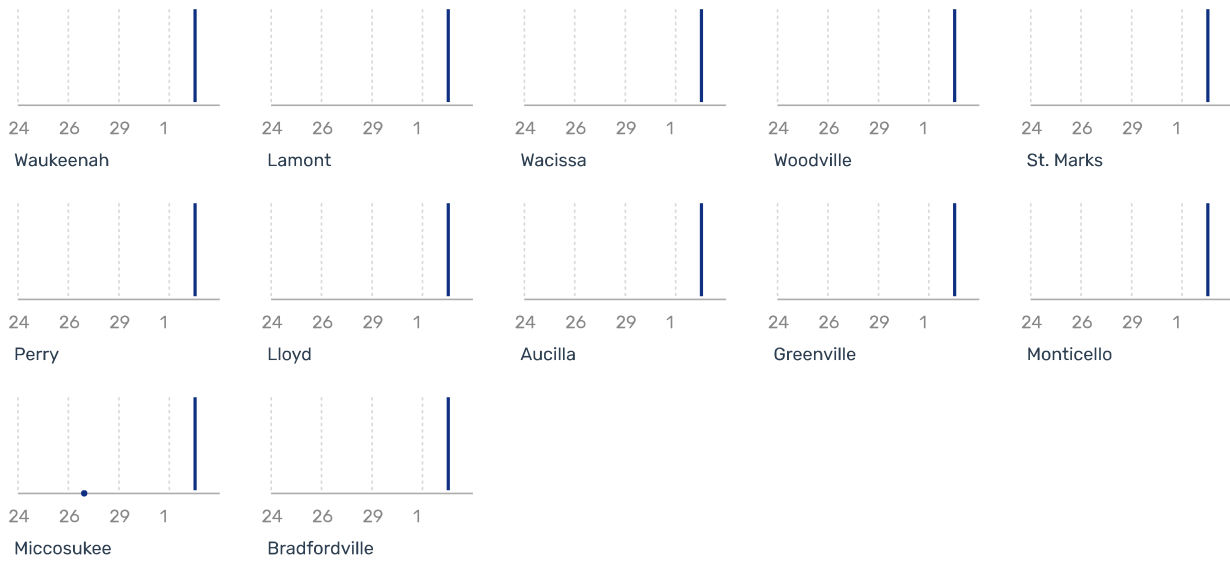
Location	Total Pop.	Pop. > 65 yrs	% of Pop. > 65 yrs ▼	% of Women Pop.	% of Children Under 5	% of Pop. Below Poverty Level	Num. Customers Without Power	DME Users	DME Users / 100K Pop.
Marion	360,210	103,922	29%	N/A	N/A	15%	72	4777	0.0478
Levy	40,979	10,003	24%	N/A	N/A	19%	1,525	580	0.0058
Franklin	11,914	2,753	23%	N/A	N/A	18%	N/A	183	0.0018
Jefferson	14,278	3,293	23%	N/A	N/A	15%	791	170	0.0017
Dixie	16,740	3,837	23%	N/A	N/A	15%	2,464	295	0.0029
Madison	18,557	3,924	21%	N/A	N/A	26%	3,726	239	0.0024
Suwannee	44,290	9,030	20%	N/A	N/A	13%	2,165	567	0.0057
Gilchrist	18,245	3,688	20%	N/A	N/A	12%	1,017	224	0.0022
Taylor	21,709	4,342	20%	N/A	N/A	17%	4,966	316	0.0032
Columbia	70,898	13,338	19%	N/A	N/A	13%	3,915	838	0.0084
Gadsden	45,787	8,192	18%	N/A	N/A	20%	N/A	471	0.0047
Hamilton	14,397	2,507	17%	N/A	N/A	20%	1,365	157	0.0016
Lafayette	8,576	1,292	15%	N/A	N/A	15%	159	62	0.0006
Wakulla	32,855	4,887	15%	N/A	N/A	7%	1	337	0.0034
Liberty	8,333	1,198	14%	N/A	N/A	17%	N/A	110	0.0011
Alachua	268,105	37,968	14%	N/A	N/A	20%	855	1797	0.0180
Echols	3,944	536	14%	N/A	N/A	24%	670	11	0.0001
Leon	291,863	39,217	13%	N/A	N/A	19%	1	1711	0.0171
Lamont	32	32	100%	N/A	N/A	0%	N/A	N/A	N/A
Horseshoe Beach	79	55	70%	N/A	N/A	4%	N/A	N/A	N/A
Day	147	91	62%	N/A	N/A	0%	N/A	N/A	N/A
St. Marks	340	193	57%	N/A	N/A	17%	N/A	N/A	N/A
Steinhatchee	537	290	54%	N/A	N/A	22%	N/A	N/A	N/A
Lloyd	119	62	52%	N/A	N/A	15%	N/A	N/A	N/A
Capitola	306	154	50%	N/A	N/A	2%	N/A	N/A	N/A
St. George Island	1,006	461	46%	N/A	N/A	11%	N/A	N/A	N/A
Lee	573	219	38%	N/A	N/A	41%	N/A	N/A	N/A
Rainbow Lakes Estates	3,565	1,220	34%	N/A	N/A	12%	N/A	N/A	N/A
Cedar Key	840	287	34%	N/A	N/A	12%	N/A	N/A	N/A
Monticello	2,259	743	33%	N/A	N/A	17%	N/A	N/A	N/A
Chaires	443	139	31%	N/A	N/A	16%	N/A	N/A	N/A
Fanning Springs	1,187	365	31%	N/A	N/A	17%	N/A	N/A	N/A
Manatee Road	2,100	588	28%	N/A	N/A	21%	N/A	N/A	N/A
Miccosukee	311	86	28%	N/A	N/A	5%	N/A	N/A	N/A
Inglis	1,768	487	28%	N/A	N/A	23%	N/A	N/A	N/A
Jennings	781	206	26%	N/A	N/A	44%	N/A	N/A	N/A
Yankeetown	576	150	26%	N/A	N/A	33%	N/A	N/A	N/A
Gretna	1,164	283	24%	N/A	N/A	22%	N/A	N/A	N/A
Spring Ridge	302	72	24%	N/A	N/A	26%	N/A	N/A	N/A
White Springs	966	228	24%	N/A	N/A	19%	N/A	N/A	N/A
Bronson	1,093	256	23%	N/A	N/A	24%	N/A	N/A	N/A
Watertown	2,381	551	23%	N/A	N/A	17%	N/A	N/A	N/A

Location	Total Pop.	Pop. > 65 yrs	% of Pop. > 65 yrs ▼	% of Women Pop.	% of Children Under 5	% of Pop. Below Poverty Level	Num. Customers Without Power	DME Users	DME Users / 100K Pop.
Madison	2,790	550	20%	N/A	N/A	36%	N/A	N/A	N/A
Hosford	629	122	19%	N/A	N/A	18%	N/A	N/A	N/A
Perry	6,884	1,293	19%	N/A	N/A	31%	N/A	N/A	N/A
Lake City	12,166	2,232	18%	N/A	N/A	19%	N/A	N/A	N/A
Panacea	744	134	18%	N/A	N/A	32%	N/A	N/A	N/A
Andrews	944	170	18%	N/A	N/A	9%	N/A	N/A	N/A
Live Oak	6,929	1,222	18%	N/A	N/A	20%	N/A	N/A	N/A
Alachua	9,891	1,736	18%	N/A	N/A	15%	N/A	N/A	N/A
Chiefland	2,312	395	17%	N/A	N/A	33%	N/A	N/A	N/A
East Bronson	1,484	253	17%	N/A	N/A	10%	N/A	N/A	N/A
Bradfordville	19,231	3,255	17%	N/A	N/A	4%	N/A	N/A	N/A
Cross City	2,591	427	16%	N/A	N/A	22%	N/A	N/A	N/A
Otter Creek	132	21	16%	N/A	N/A	6%	N/A	N/A	N/A
Sopchoppy	483	76	16%	N/A	N/A	5%	N/A	N/A	N/A
Greensboro	701	109	16%	N/A	N/A	24%	N/A	N/A	N/A
Branford	864	133	15%	N/A	N/A	31%	N/A	N/A	N/A
Quincy	7,237	1,109	15%	N/A	N/A	32%	N/A	N/A	N/A
Trenton	2,042	306	15%	N/A	N/A	31%	N/A	N/A	N/A
Williston Highlands	2,418	345	14%	N/A	N/A	14%	N/A	N/A	N/A
Woodville	4,077	572	14%	N/A	N/A	15%	N/A	N/A	N/A
Echols County	3,944	536	14%	N/A	N/A	24%	N/A	N/A	N/A
High Springs	5,875	798	14%	N/A	N/A	24%	N/A	N/A	N/A
Carrabelle	2,681	364	14%	N/A	N/A	13%	N/A	N/A	N/A
Wacissa	358	47	13%	N/A	N/A	0%	N/A	N/A	N/A
Crawfordville	4,113	508	12%	N/A	N/A	1%	N/A	N/A	N/A
Five Points	1,276	157	12%	N/A	N/A	20%	N/A	N/A	N/A
Fort Braden	856	105	12%	N/A	N/A	4%	N/A	N/A	N/A
Bell	573	70	12%	N/A	N/A	23%	N/A	N/A	N/A
Newberry	6,081	741	12%	N/A	N/A	9%	N/A	N/A	N/A
Mayo	1,526	180	12%	N/A	N/A	20%	N/A	N/A	N/A
Fort White	702	80	11%	N/A	N/A	15%	N/A	N/A	N/A
Tallahassee	192,885	20,110	10%	N/A	N/A	24%	1	N/A	N/A
Archer	1,104	112	10%	N/A	N/A	35%	N/A	N/A	N/A
Greenville	1,358	119	9%	N/A	N/A	66%	N/A	N/A	N/A
Jasper	4,157	349	8%	N/A	N/A	5%	N/A	N/A	N/A
Waukeelah	270	18	7%	N/A	N/A	0%	N/A	N/A	N/A
Aucilla	157	8	5%	N/A	N/A	23%	N/A	N/A	N/A
Midway	3,132	114	4%	N/A	N/A	5%	N/A	N/A	N/A

Power Outages

Places





CrisisReady is a research response platform at the Harvard Data Science Initiative and Direct Relief that advances data-driven decision making in emergency response. Contact us at info.crisisready.io to get in touch.

Report created on Oct 4, 2024 at 13:13 EDT