



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

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

01 Movement

02 Vulnerability

Summary

POST LANDFALL LEE COUNTY

This is a specific situation report for Lee County Florida, post-landfall, as of Sept 28th, 1800 EDT, showing changes in population density, vulnerability demographics, and power outages.

There was a large decrease in population density by 65% in Lee county suggesting from our daily analyses that people continued to evacuate until soon before landfall.

According to the ACS, ~29% of Lee County's population is >65 years of age, with higher percentage of those over 65 years in the path of the hurricane and in the coastal areas.

As of 28Sept 1800 EDT, there was a sharp increase in power outages in the county. Our power datasources are unable to show power outages at the place or subcounty level at this time.

Approximately 6500 people are considered dependent powered devices for their essential healthcare.

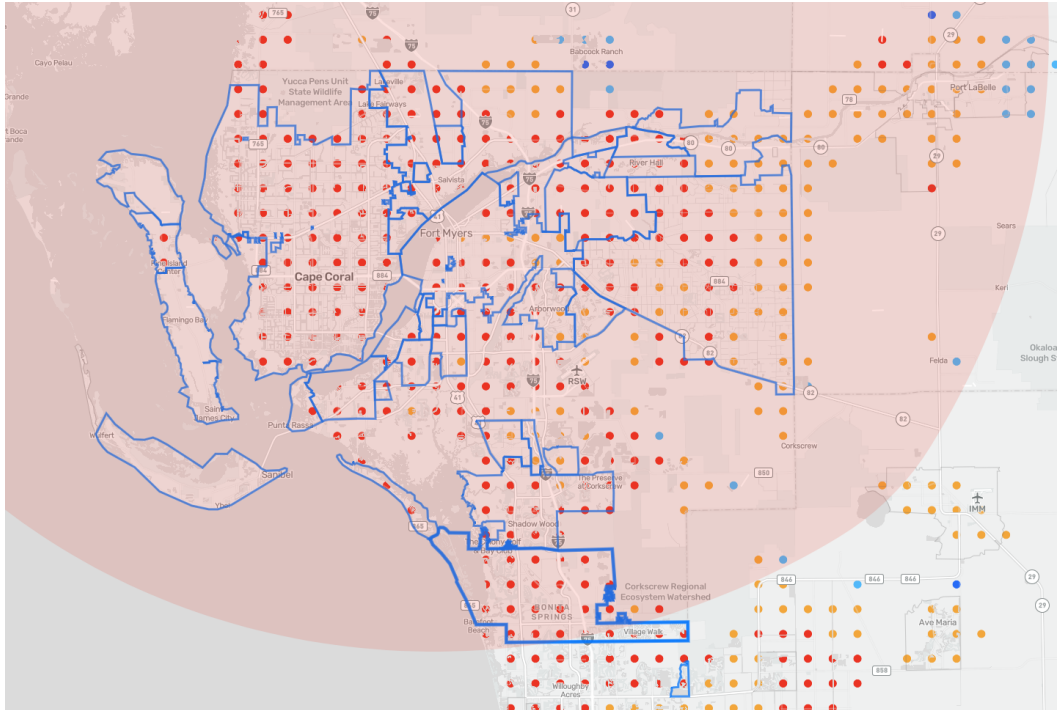
For health facility analyses for this county please contact info.crisisready.io for additional maps and tables.

*baseline is considered population 90 days prior to the date of analysis

*ACS - American Community Survey

MOVEMENT

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



Facebook Mobility Data

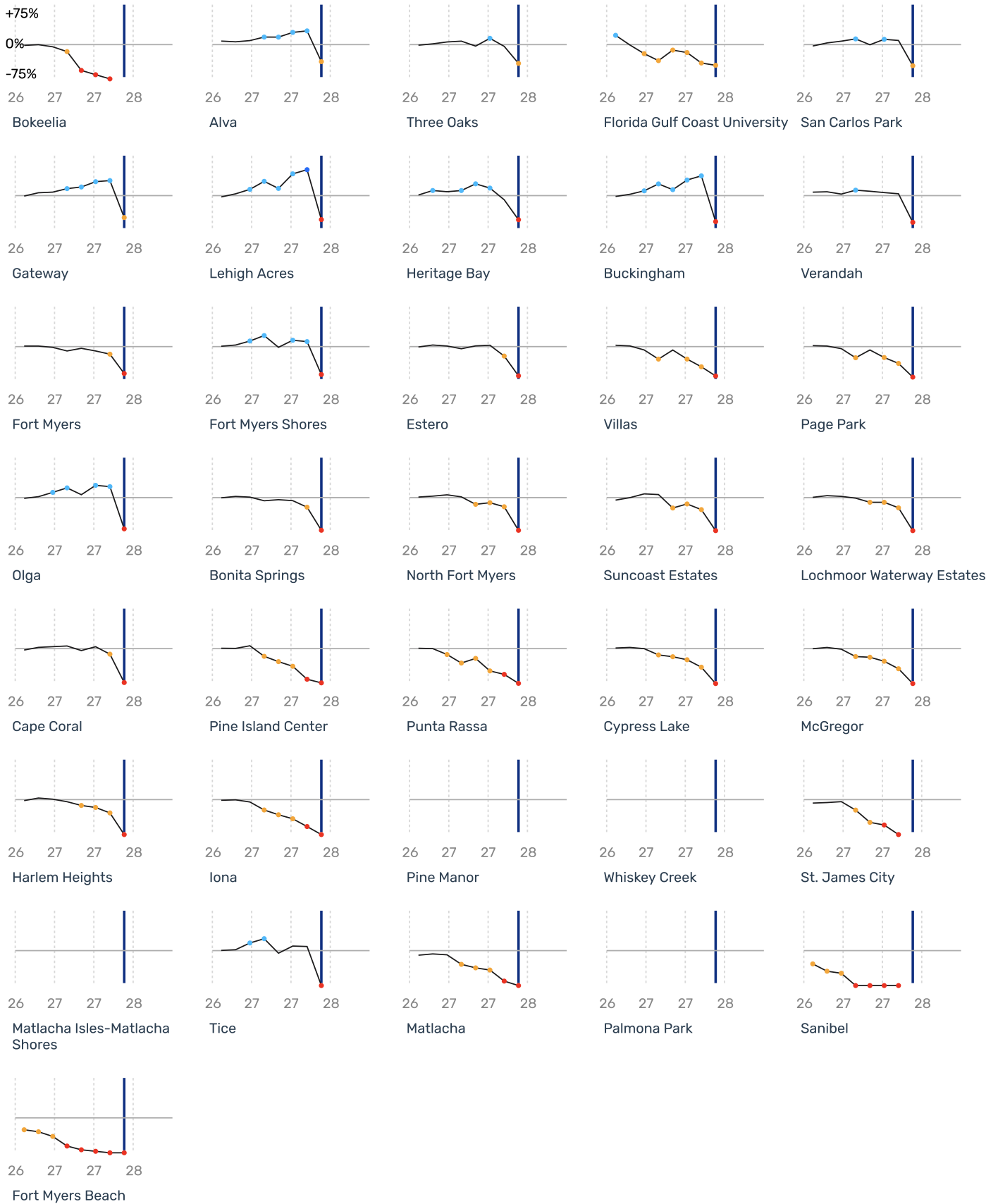
- -50%+
- -50 to -10%
- 10 to 50%
- 50%+

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

Population Density on Sep 28, 2022 at 16:00

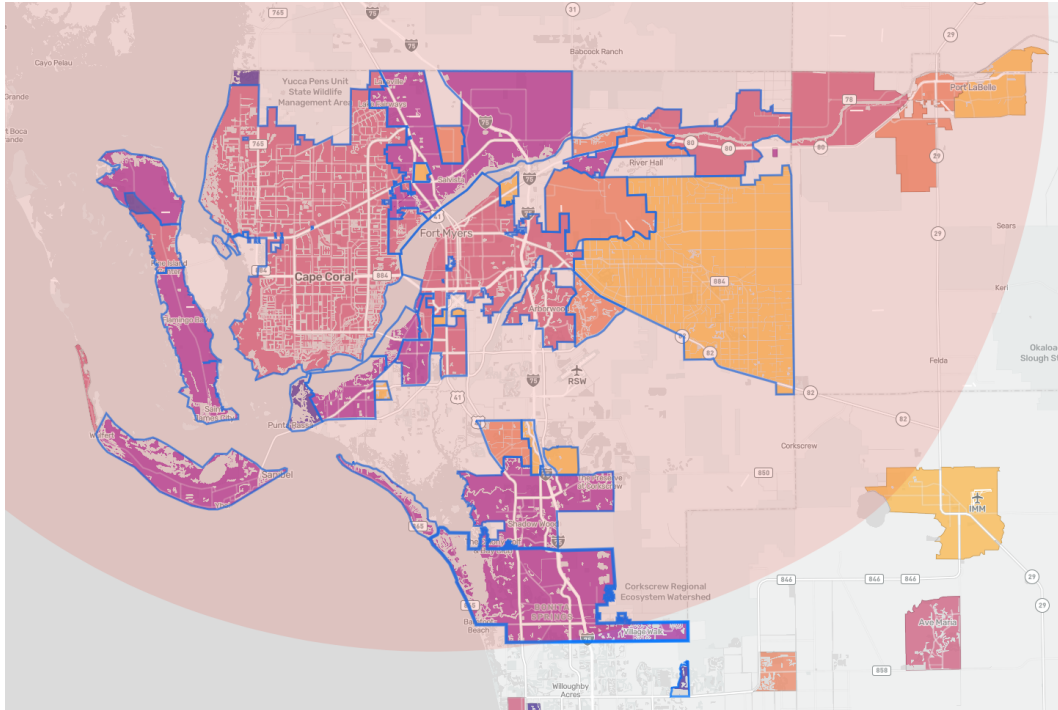
Location	Baseline Pop.	Current Crisis Pop.	Pop. Density vs. Baseline ▼	Confidence Level
Collier County	63975	26230	-59%	N/A
Lee County	157340	55179	-65%	N/A
Bokeelia	N/A	N/A	N/A	N/A
Alva	435	276	-37%	N/A
Three Oaks	1776	1061	-40%	N/A
Florida Gulf Coast University	380	211	-44%	N/A
San Carlos Park	1816	992	-45%	N/A
Gateway	2342	1237	-47%	N/A
Lehigh Acres	21589	10479	-51%	N/A
Heritage Bay	143	69	-52%	N/A
Buckingham	2154	951	-56%	N/A
Verandah	251	107	-57%	N/A
Fort Myers	22723	9603	-58%	N/A
Fort Myers Shores	728	292	-60%	N/A
Estero	5594	2089	-63%	N/A
Villas	3037	1123	-63%	N/A
Page Park	928	321	-65%	N/A
Olga	356	117	-67%	N/A
Bonita Springs	9105	2722	-70%	N/A
North Fort Myers	7864	2341	-70%	N/A
Suncoast Estates	422	123	-71%	N/A
Lochmoor Waterway Estates	719	209	-71%	N/A
Cape Coral	44507	12097	-73%	N/A
Pine Island Center	250	66	-74%	N/A
Punta Rassa	142	36	-75%	N/A
Cypress Lake	925	207	-78%	N/A
McGregor	2768	581	-79%	N/A
Harlem Heights	709	118	-83%	N/A
Iona	2313	294	-87%	N/A
Pine Manor	N/A	N/A	N/A	N/A
Whiskey Creek	N/A	N/A	N/A	N/A
St. James City	N/A	N/A	N/A	N/A
Matlacha Isles-Matlacha Shores	N/A	N/A	N/A	N/A
Tice	908	185	-80%	N/A
Matlacha	120	12	-90%	N/A
Palmona Park	N/A	N/A	N/A	N/A
Sanibel	N/A	N/A	N/A	N/A
Fort Myers Beach	808	44	-95%	N/A

% Pop. Density Change Over Time

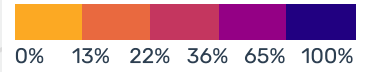


VULNERABILITY

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



% of Pop. > 65 yrs



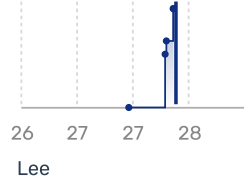
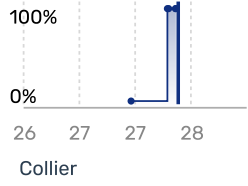
Power outages on Sep 28, 2022 at 16:00 with place selections.

Demographics

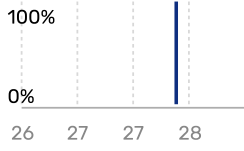
Location	Total Pop.	Pop. > 65 yrs	% of Pop. > 65 yrs ▼	% of Pop. Below Poverty Level	Num. Customers Without Power	DME Users / 100K Pop.	DME Users / 100K Pop.
Collier County	379,345	122,024	32%	11%	0	2579	0.0258
Lee County	756,570	215,942	29%	12%	0	6559	0.0656
Punta Rassa	1,566	1,399	89%	3%	0	N/A	N/A
Heritage Bay	1,273	958	75%	2%	0	N/A	N/A
Verandah	1,291	801	62%	6%	0	N/A	N/A
Iona	13,588	7,850	58%	9%	0	N/A	N/A
Sanibel	7,378	4,184	57%	8%	0	N/A	N/A
Fort Myers Beach	7,102	3,779	53%	7%	0	N/A	N/A
Bokeelia	1,536	800	52%	14%	0	N/A	N/A
Estero	33,450	17,402	52%	7%	0	N/A	N/A
Matlacha	853	432	51%	11%	0	N/A	N/A
North Fort Myers	42,315	19,921	47%	13%	0	N/A	N/A
St. James City	3,510	1,534	44%	10%	0	N/A	N/A
Cypress Lake	12,766	5,366	42%	7%	0	N/A	N/A
McGregor	7,899	3,242	41%	6%	0	N/A	N/A
Bonita Springs	57,755	23,445	41%	8%	0	N/A	N/A
Whiskey Creek	5,508	1,785	32%	10%	0	N/A	N/A
Lochmoor Waterway Estates	4,995	1,604	32%	5%	0	N/A	N/A
Pine Island Center	2,255	699	31%	12%	0	N/A	N/A
Matlacha Isles-Matlacha Shores	339	104	31%	0%	0	N/A	N/A
Alva	3,013	887	29%	7%	0	N/A	N/A
Villas	14,421	4,188	29%	6%	0	N/A	N/A
Cape Coral	189,633	45,425	24%	10%	0	N/A	N/A
Fort Myers	83,505	18,541	22%	16%	0	N/A	N/A
Olga	2,773	572	21%	4%	0	N/A	N/A
Buckingham	4,269	849	20%	5%	0	N/A	N/A
Gateway	10,552	1,816	17%	4%	0	N/A	N/A
Fort Myers Shores	6,745	1,069	16%	10%	0	N/A	N/A
San Carlos Park	18,256	2,669	15%	11%	0	N/A	N/A
Suncoast Estates	4,759	679	14%	22%	0	N/A	N/A
Lehigh Acres	124,523	15,173	12%	19%	0	N/A	N/A
Palmona Park	754	83	11%	28%	0	N/A	N/A
Tice	5,379	490	9%	24%	0	N/A	N/A
Three Oaks	5,362	441	8%	10%	0	N/A	N/A
Pine Manor	4,582	354	8%	42%	0	N/A	N/A
Page Park	621	42	7%	30%	0	N/A	N/A
Harlem Heights	1,362	68	5%	44%	0	N/A	N/A
Florida Gulf Coast University	2,507	N/A	0%	0%	0	N/A	N/A

Power Outages

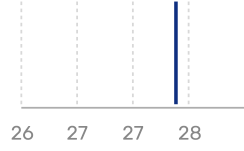
Counties



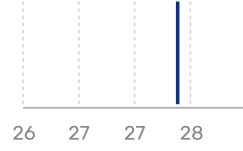
Places



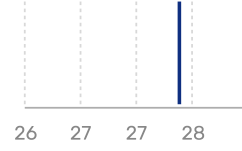
Bokeelia



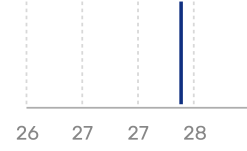
Punta Rassa



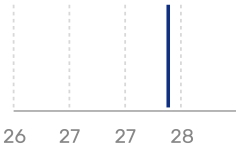
Iona



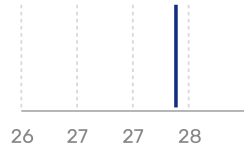
Cypress Lake



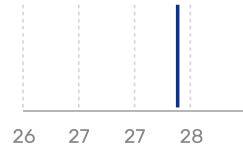
Harlem Heights



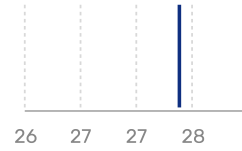
Gateway



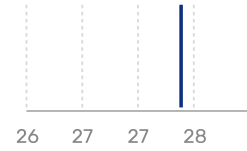
Page Park



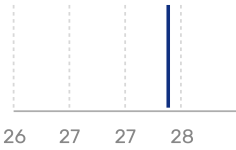
Villas



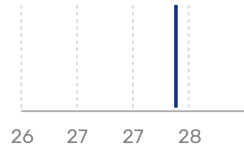
McGregor



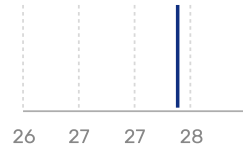
Pine Manor



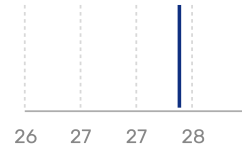
Whiskey Creek



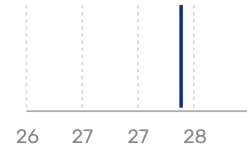
St. James City



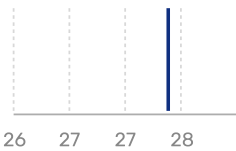
Fort Myers



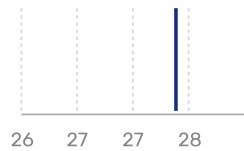
Lochmoor Waterway Estates



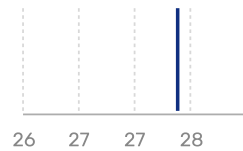
Cape Coral



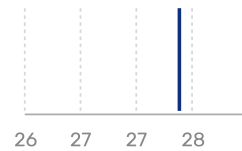
Matlacha Isles-Matlacha Shores



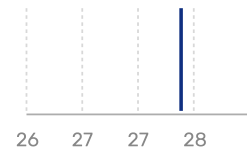
Matlacha



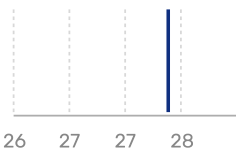
Pine Island Center



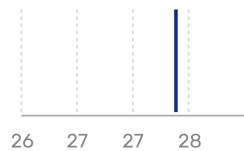
Palmona Park



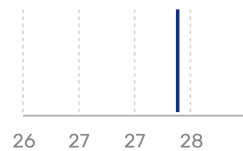
Tice



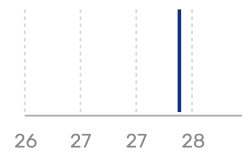
Buckingham



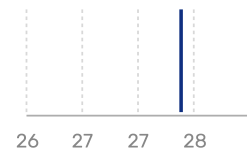
Verandah



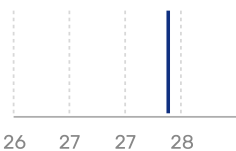
Lehigh Acres



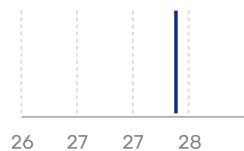
Florida Gulf Coast University



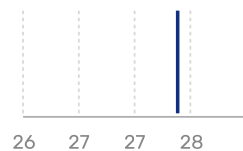
Three Oaks



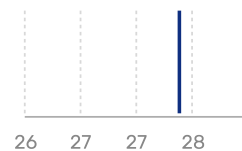
San Carlos Park



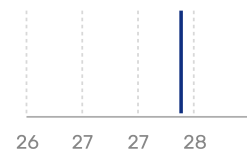
Sanibel



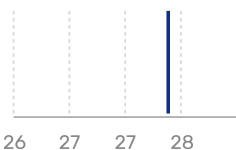
Estero



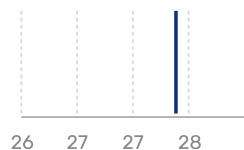
Fort Myers Beach



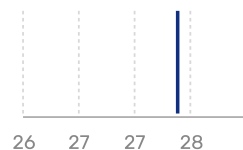
Alva



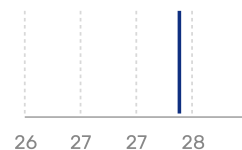
Olga



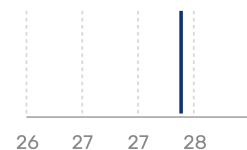
Fort Myers Shores



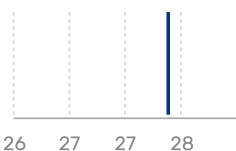
North Fort Myers



Suncoast Estates



Heritage Bay



Bonita Springs

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.

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