

Orlo Vista, Orlando Community Report Mission Critical Functions

Central Florida Florida Disaster Resilience Initiative Phase 1 Stage 2 2019



These materials were developed by Health Initiatives Foundation, Inc. in 2019. Surveys were conducted under the auspices of Health Initiatives Foundation, Inc.'s Florida Disaster Resilience Initiative, with funding from The Miami Foundation.

Surveying Completed

Twenty one Mission Critical Function Surveys and 21 Housing and Emergency Services Surveys were collected in Orlovista. They were collected in the Census Block Groups indicated below.¹

Table 1. Number of Respondents to Surveys by Census Block Group

Census Block Group	# Mission Critical Functions Surveys	# Housing Surveys
120950147011	2	2
120950147012	4	4
120950147013	10	10
120950147014	2	2
120950147021	3	3
Total	21	21

¹ EPA EJSCREEN <<https://ejscreen.epa.gov/mapper/>>



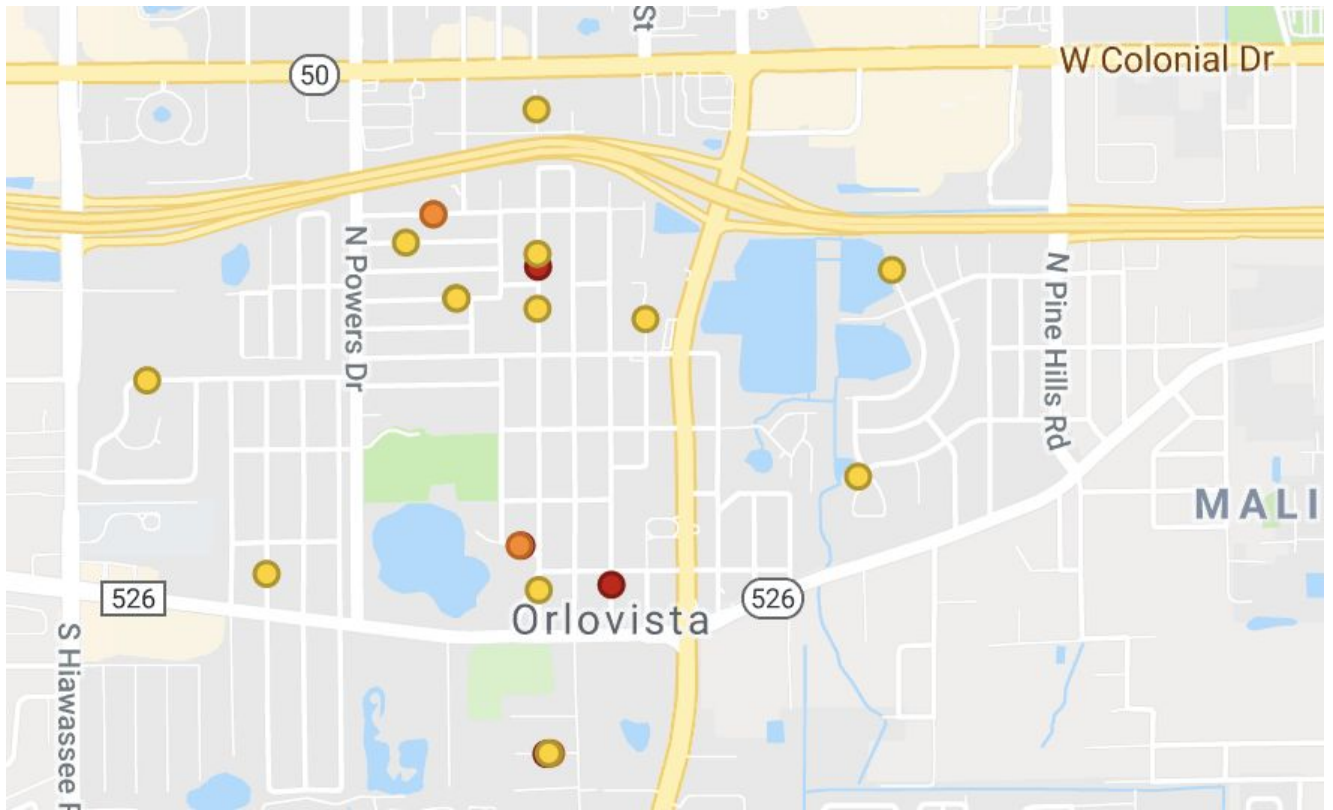
Mission Critical Functions Surveys:

Mission Critical Function Surveys are designed to determine if the community is tending toward resilience or vulnerability. Respondents rated twenty six societal functions that they experienced after Hurricane Irma on the following scale:

- Collapse -Destroyed:1
- Extremely Vulnerable-Major Damage:2
- Elevated Vulnerability-Minor Damage:3
- Not Affected:4
- Resilient:5
- Highly Resilient:6
- Resilient and Sustainable:7

Map 1. Vulnerability Scores of Respondents in Orlovista

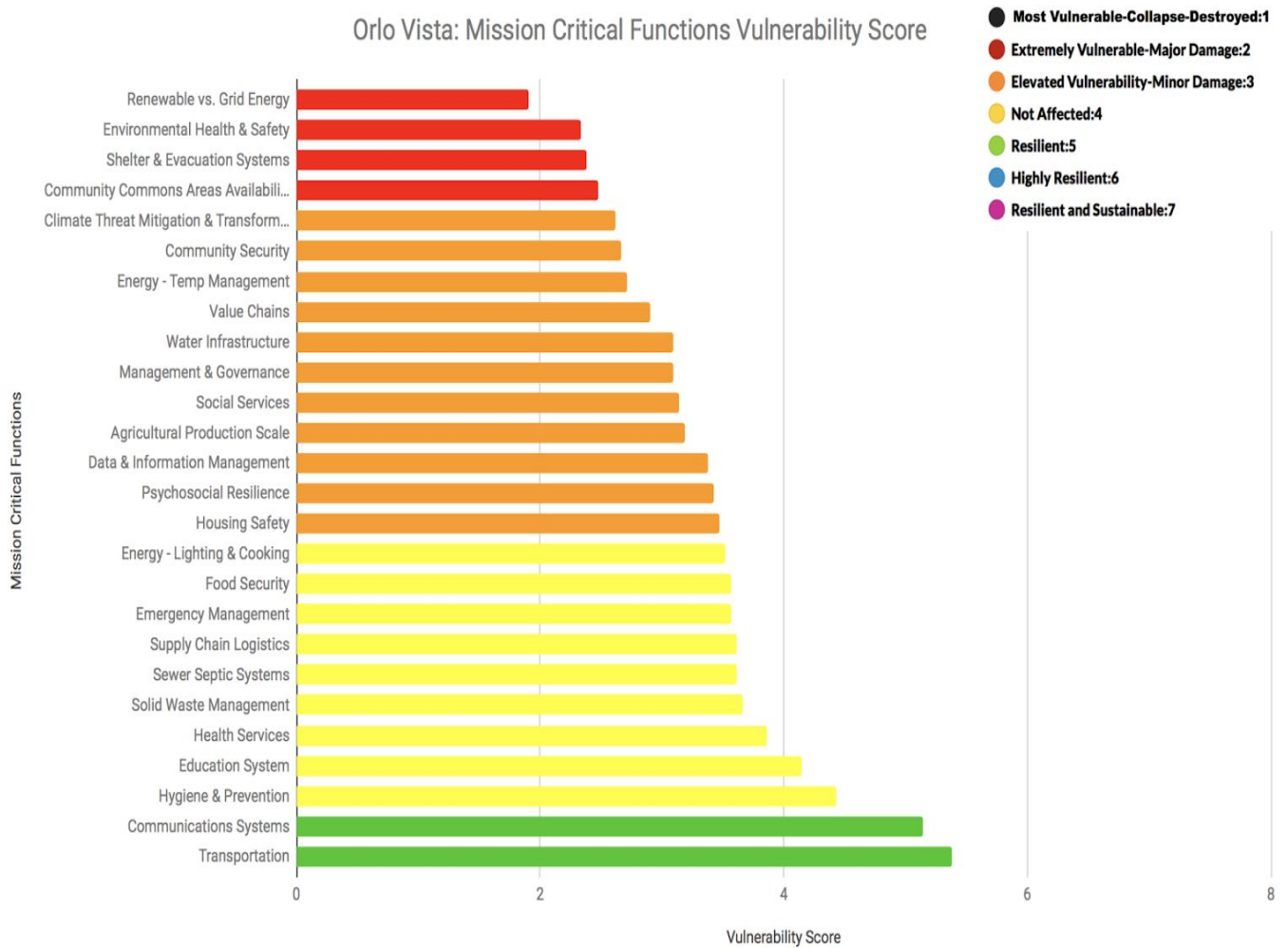
Note that the average Vulnerability Score, indicated by point color, across the 26 domains was between 2 and 4 for Orlovista residents surveyed.



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Average Mission Critical Function Ratings for Each Function: The categories with the lowest average ratings are considered to be the most vulnerable functions. Four categories received the rating of Extremely Vulnerable ranking (2): Renewable vs Grid Energy, Environmental Health and Safety, Shelter and Evacuation Systems, and Community Commons Area Availability. The three lowest ranked categories with the Elevated Vulnerability-Minor Damage (3) ranking were: Climate Threat Mitigation & Transformation, Community Security, and Energy-Temperature Management. The functions ranked the highest, and therefore regarded to be the most sustainable were Communications Systems and Transportation.

Graph 1.



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