

Mission:
To protect, promote & improve the health
of all people in Florida through integrated
state, county & community efforts.



Rick Scott
Governor

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Vision: To be the Healthiest State in the Nation

Gap Analysis Region 3 Special Needs Shelter Operations

1. Introduction

The department of health, through its County Health Departments, is charged with the “coordination of the recruitment of health care practitioners, as defined in s. 456.001 (4), to staff special needs shelters in times of emergency or disaster and to provide resources to carry out this responsibility” (Fl. Statute 381.0303)

This Gap Analysis identifies recommended equipment and typical supplies needed for SpNS operations on the regional level. The attached spreadsheet compares Region III’s combined inventory of those items to the estimated requirement for each item. It must be stressed that this is a regional level analysis and does not identify the gaps of any individual County. Each County Health Department should complete a thorough gap analysis of their own to determine their capability and capacity to staff, supply, and operate their shelters without outside assistance for at least 72 hours. Region 3, SpNS coordinator and planner stand ready to assist any County, upon request, develop their local gap analysis.

2. Assumptions

Each County Health Department (CHD) will work to eliminate their gaps in equipment, supplies, staffing, training, and shelter space.

Each CHD will work to assess each event in an effort to identify gaps and areas for improvement.

Each CHD will share information concerning identified gaps, areas for improvement, and best practices with their regional consultants, planners, Regional Emergency Response Advisor (RERA), and State Preparedness Staff.

The Regional Special Needs Shelter Consultant, Planner, and RERA will continue to work on equipping Regional Caches to help reduce regional gaps.

3. Authorities

- **Core Mission:**
 - Internal Operating Policy: General 8
 - Special Needs Shelter Operations Guide
 - Guidelines for Special Needs Shelters
 - Chapter 64-3 FAC
 - Technical Assistance Guidelines: General 12
- **Florida Statutes:**
 - Chapter 252.355
 - Chapter 381.0303
- **Standards for Hurricane Evacuation and Disaster Event Special Needs Shelter Selection** (FDOH Bureau of Preparedness & Response)
- **Florida Department of Health Resource Typing** (SpNS-Shelter Oxygen Packs January 2015)

- **Comprehensive SpNS Reporting Forms from regional counties for both Hurricane Hermine and Hurricane Matthew**
- **County Health and Medical (ESF 8) Profile for Region III counties**
- **Florida Charts (Access and Functional Needs Profile) for Region III counties**
- **State Sample of Special Needs Shelter – Supplies and Equipment**
- **Locally developed White Paper of SpNS needs**

4. Purpose

This document analyzes the gaps in resources, region-wide, for Special Needs Shelter operations in Region 3 for emergency SpNS activations. Florida Statute 381.0303 assigns the Florida Department of Health as lead and responsible “to staff special needs shelters in time of emergency or disaster and to provide resources to the department to carry out this responsibility.”

5. Analysis and Support Data

The following gap analysis does not address staffing gaps. Nor does it include minor medical or non-medical supplies typically used in shelter operations. Those areas should be addressed at the local CHD level.

The region currently has 29 Special Needs Shelters which provide 7,467 approved spaces. However, a review of the data gathered from the 2016 storms shows a maximum census of 928 clients for all opened region 3 shelters combined. The attached spreadsheet was developed based on a review of after action reports from hurricanes Hermine and Matthew, Region 3 CHD inventory surveys, feedback from local DOH Planners, State and Federal guidelines, and established equipment and resource lists. The ‘Required Total column’ is an estimate of the total number of each item needed to effectively operate shelters with a combined client census of 2,000, which is double the number of clients served at any one time in Region 3 during the 2016 storms. The ‘Gap’ column reflects gaps from a regional perspective only. It does not reflect any individual County gap. However, it should be noted that if Alachua County and the Regional caches were removed from this analysis, there would be many more, and significantly larger, gaps in the Region. In light of the recent storms, and historical shortfalls, each County should complete their own gap analysis and work towards closing those gaps in an effort to be as self-sufficient as possible for at least 72 hours, as regional and/or State assistance may be significantly delayed, or unavailable, and dependence on contracts and outside vendors has proved again and again to be an unreliable preparedness tactic. It should also be noted that even if all gaps identified in this report are closed, shortfalls may arise during a large scale incident or significant host shelter response.

6. Conclusion

The analysis above, and the resource spreadsheet below suggests that, *even though the development of 2 regional supply and equipment caches has lessened many gaps, and eliminated others, there are still significant gaps in Region III’s capacity and capability to fulfill its responsibility to operate Special Needs Shelters during a medium to large scale incident. A review of the CHD supply and equipment surveys suggests most of the CHDs in Region III have significant supply/equipment gaps that should be addressed on a local level. CHDs should not rely on obtaining a regional cache during an emergency, since there are only 2 regional caches and 13 counties in the region. Though this report does not address staffing resources, each County should identify gaps and solutions in that area as well.*

Region 3 Regional SpNS Assessment 2 (March 2017)																			
Item Description and Recommended Amount per Approved Space (ASP) These figures are based on twice the number of SpNS clients who utilized a shelter in Region 3 during hurricane Matthew.	Alachua	Baker	Bradford	Clay	Duval	Flagler	Gilchrist	Levy	Marion	Nassau	Putnam	Union	St. Johns	Regional Cache	Regional Total	Required Total	Gap	Gaps remaining after ACHD special projects purchases	
Toiletry kits (1 in 5 clients)	180	8	8									8		200	404	400	NA		
Bedpans (1 in 10 clients)	20				90			2			2		10	100	224	200	NA		
Blankets (1 in 5 clients)	200	8	8	50		83		63		25	50	8		200	695	400	NA		
Cots - SpNS (1 per client)	300			100	1252	78	33	16	200	19	30		12	96	2136	2,000	NA		
Cots - Bariatric (1 per 50 clients)	2														2	40	38	22	
Bariatric Chairs (1 per 50 clients)															0	40	40	24	
Curtains, privacy (4 per 50 clients)	30	4		28		2		3	35	5	5		10	50	172	160	NA		
Gown, splash resistant (1 Box of 50 per shelter)	500	100	100		50	576			4000			100	120	2500	8046	1,450	NA		
Mask, N95, Regular (3 boxes/shelter)	125000	2200	2200	2400	746	7058	20	20	300	2680	100	2200	480		145404	1,740	NA		
Small (2 Boxes of 20/shelter)	1200				1540			20							2760	1,160	NA		
Surgical masks (1 per client)	1000			14700	1400	2200	20	1150		5			20	500	20995	2,000	NA		
Medicine cups (50 per 100 clients)	100				900	50			320				200	1000	2570	1,000	NA		
AED (1 per Shelter)	2	2	1		14	2		1		1	1	1		2	27	29	2	2	
IV Poles (2 per 100 clients)	25							1		15	3			70	114	40	NA		
Bedding Kits (1 per 20 clients)	180			16									67	200	463	400	NA		
Pulse Oximeters (4 per Shelter)	22	4	4	4	48	5	4	4	12	4	4	4	12	40	171	116	NA		
BP Cuffs Peds (1 per shelter)	10	3	3	4	20	2	1				1	1	2	10	57	29	NA		
BP Cuffs adults (4 per shelter)	14	5	10	4	30	2	1	1	30		1	4	4	10	116	116	NA		
Stethoscopes (4 per shelter)	15	8	1	8	70	6	3		20	1		2	3	10	147	116	NA		
Bio-Hazard Spill Kits (2 per Shelter)	22			8		30				1			14	60	135	29	NA		
Thermometers-Touchless (4 per shelter)	40	2	4		18	42		22	10			1	5	10	154	116	NA		
Glucometer (2 per shelter)	4	2	1		9	1	25					1	1		44	58	14	14	
Glucometer test Strips (1 Box of 50 per shelter)	200	100	25		250	1						25	200		801	1,450	649	will come out of each CHD stock at time of activation	
Ambu Bag adult (1 per shelter)	15				10	4			7	1			3	8	48	29	NA		
Ambu Bag peds (1 per shelter)	15				10	2				1			1	8	37	29	NA		
O2 Manifold, 8 port (2 per shelter)	14			12										6	32	58	26	24	
Carts for E size Ox Cylinders (4 per shelter)	4					4			4					0	12	116	102	96	
Carts for M size Ox Cylinder (2 per shelter)	8			8										6	22	58	36	36	
Mask, oxygen - non-rebreather, ped (2 per 100 clients)	200				165		10							50	425	40	NA		
Mask, oxygen-non-rebreather, adult (10 per 100 clients)	200				70	25			5					50	350	200	NA		
Nasal cannula, adult (10 per 100 clients)	200	30	30		140	50	10		129			30	31	50	700	200	NA		
Nasal cannula, pediatric (5 per 100 clients)	200						10						1	50	261	100	NA		
Nebulizer (1 per shelter)	6				10	2	1			10	3		1	4	37	29	N/A		
Oxygen Flow meter (3 per shelter)	30	4	4	12	18	11	2					4	8	20	113	87	NA		
Oxygen "E" cylinder (4 per shelter)	8					3			12						23	116	93	77	
Oxygen "M" cylinder (20% of 2000)	30													20	50	400	350	230	
Oxygen Concentrators (5%)	10						3							10	23	100	77	67	
(-) = item is ordered																			