



***New Emergency
Management in a Resilience
Era Facing Health, Climate
and Energy Challenges***

6th to 10th December 2021

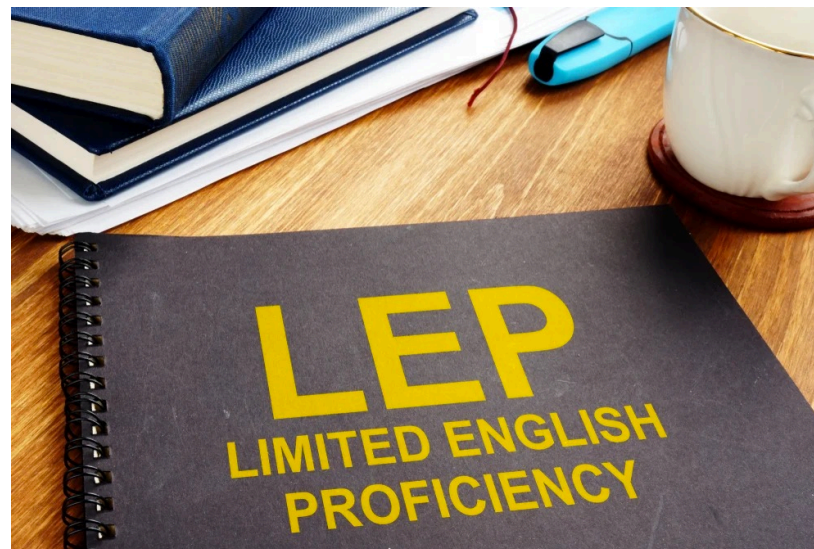
7th December 2021

14:50

Shayla Clarke and Dr. David Williams

Limited English Proficiency

- People with limited English proficiency are considered a member of the vulnerable community. Members of vulnerable communities are likely to suffer disproportionate consequences; as a preventative measure, the needs of all vulnerable communities must be addressed during pre-event planning
- The highest survival during a disaster is those who understand English and have access to information, transportation, medical services, and communication
- The key is working cohesively with community members to bridge the communication gap and easily allow resources to flow between government representatives, first responders, and residents.



Definitions

- *Accessibility*: "the design, construction, development, and maintenance of facilities, information and communication technology, programs, and services so that all people, including people with disabilities, can fully and independently use them. Accessibility includes the provision of accommodations and modifications to ensure equal access to employment and participation in activities for people with disabilities, the reduction or elimination of physical and attitudinal barriers to equitable opportunities" (Exec. Order No 14035, 2021).
- *Underserved communities*: "... populations sharing a particular characteristic, as well as geographic communities, who have been systematically denied a full opportunity to participate in aspects of economic, social, and civic life" (Exec. Order No 14035, 2021).
- *Special needs populations*: "those who "may have additional needs before, during, and after an incident in functional areas, including but not limited to maintaining independence, communication, transportation, supervision, and medical care" (FEMA, n.d.).
- *Equity*: "the consistent and systematic fair, just, and impartial treatment of all individuals, including individuals who belong to underserved communities that have been denied such treatment..."(Exec. Order No 13985, 2021).

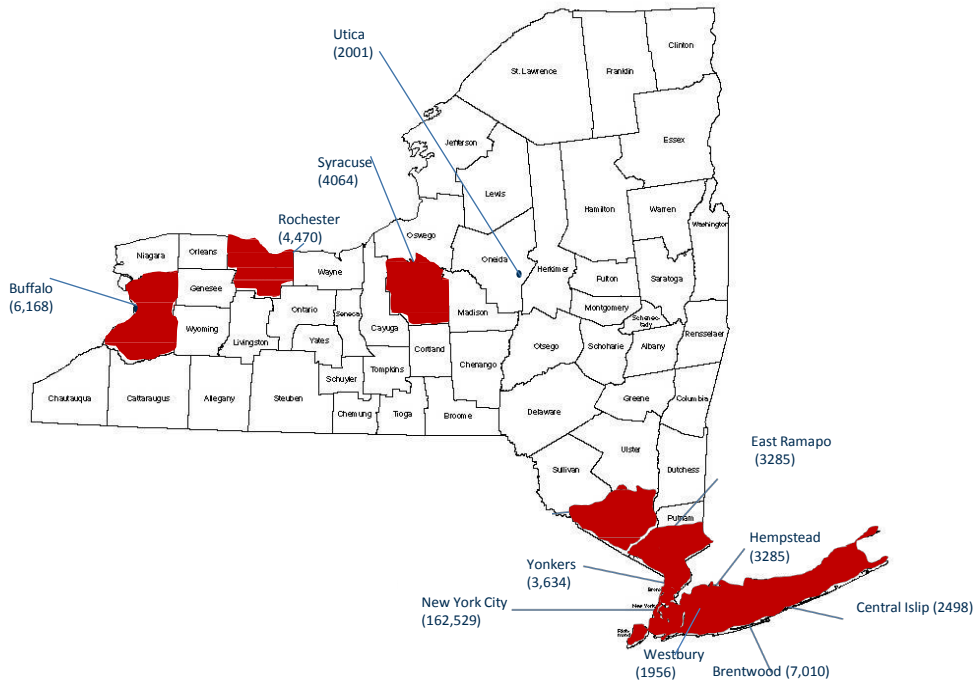


Whole Community Approach

- “Preparedness is a shared responsibility; it calls for the involvement of everyone — not just the Government — in preparedness efforts. By working together, everyone can help keep the nation safe from harm and help keep it resilient when struck by hazards, such as natural disasters, acts of terrorism, and pandemics” (FEMA, 2011)



NEW YORK STATE DEMOGRAPHICS



Top ELL Districts	# of ELLs
New York City	162529
Brentwood	7010
Buffalo	6168
Rochester	4470
Syracuse	4064
Yonkers	3634
East Ramapo	3448
Hempstead	3285
Central Islip	2498
Utica	2001
Westbury	1956

For the academic year 2016 – 2017, the NYSESLAT indicated the top 11 ELL districts within the State collectively have **201,603** English Language Learners

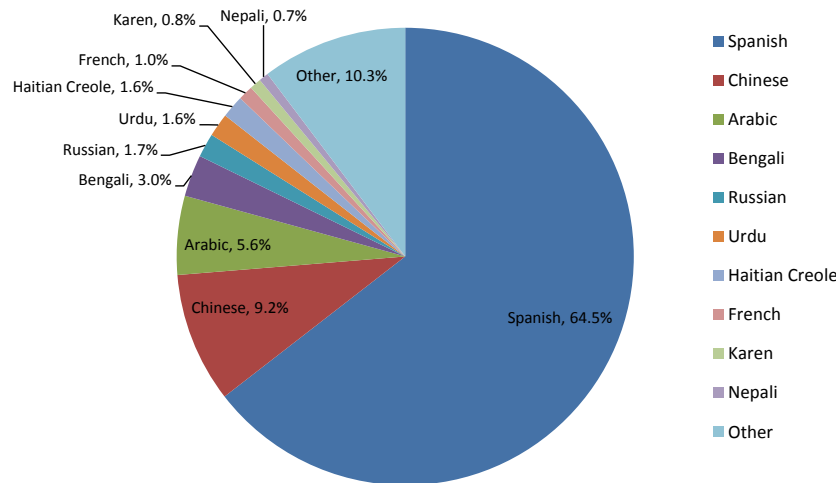
Figure 1: Top 11 ELL Districts of New York



Methods

LINGUISTIC AND CULTURAL DIVERSITY

Top 10 ELL/MLL Home Languages 2016-17 SY:



Source: NYS SIRS 2016-2017



Linguistically diverse state
with over 200 languages spoken by our students.

Figure 2: Top 10 Languages Spoken at Home

Weighing in at 64.5%, **Figure 2** clearly shows, the highest language reported was Spanish. According to the United States Census Bureau, Suffolk County's total population was 1.49 Million people. As of July 1st, 2018, 19.5% of Suffolk County's population reported as Hispanic or Latino, 8.6% reported Black or African American, and 4.2 % reported Asian descent. 22.7% of the population reported that they sometimes or always spoke a language other than English at home (U.S. Census Bureau, 2018).



Community Outreach - Fieldwork

- My research identified **41** food pantries, faith-based organizations, and non-profit community-based organizations were discovered through research. Within 16 hours, preparedness packets were disseminated to **34** of the **41** sites.
- **158** of the **200** Emergency preparedness packets were distributed
 - English (**46**)
 - Spanish (**112**).



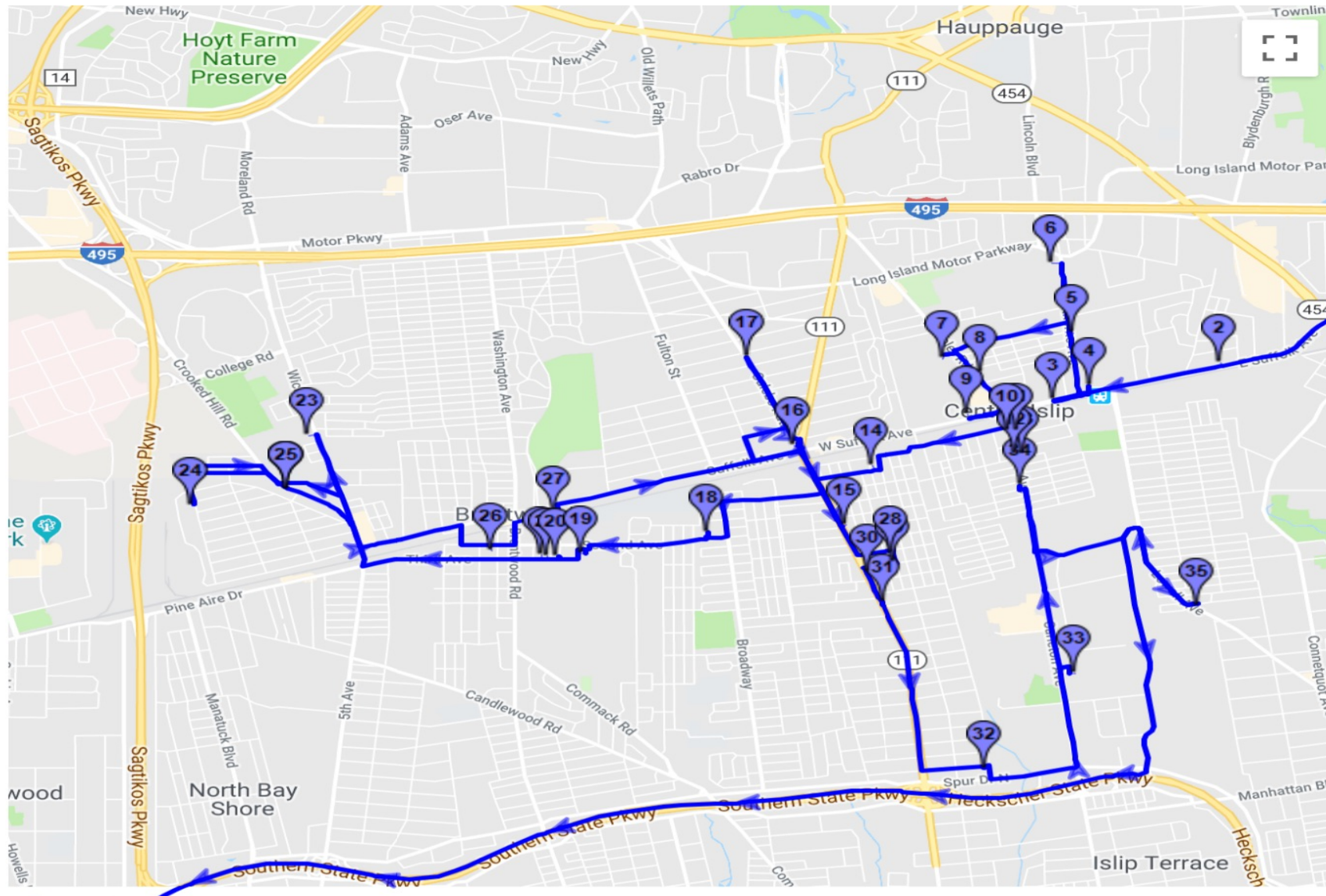
Data Sample Set

Town	Type of Facility	Day of the week	frequency	Opens	Closes
Brentwood	House of worship	Saturday	weekly	11:00AM	12:00 PM
Brentwood	House of worship	Thursdays	weekly	12:00 PM	2:00 PM
Brentwood	House of worship	Tuesdays	weekly	3:00 PM	5:00 PM
Brentwood	House of worship	Monday, Tuesday, Thursday	weekly	9:00AM	11:30 AM
Brentwood	Camp	Tuesdays	weekly	5:30 PM	6:45 PM
Brentwood	House of worship	Saturday, Tuesday	weekly	11:00 AM 5:00 PM	1:00 PM 7:00 PM
Brentwood	Library	daily	daily	9:00 AM	9:00 PM
Brentwood	House of worship	Saturday Sunday		11:00 AM 2:00 PM	1:00PM 4:00 pm
Central Islip	House of worship	Saturday	bi weekly	10:00 AM	11:30
Central Islip	House of worship	Thursdays	weekly	10:00 AM	2:00 PM
Central Islip		Wednesday	1st and 3rd	3:00 PM	7:00 PM
Central Islip	Food Pantry	Appointment	weekly		
Central Islip	House of worship	Tuesdays	bi weekly	11:00 AM	1:00 PM
Central Islip	House of worship	Mon, Thurs Tues ,Wed		6:00 PM 10:00 AM	7:15 PM 12:00 PM
Central Islip	House of worship	Thursdays	bi weekly	1:00 PM	3:00 PM
Central Islip	House of worship	Monday	bi weekly	11:00 AM	1:00 PM
Central Islip	Food Pantry	Monb - Thurs	weekly	10:30 AM	11:30AM
Central Islip	Soup Kitchen	Mon - Fri & sun	weekly	10:00 AM 2:00 pm	1:00 PM 3:00 PM
Central Islip	Food Pantry	Thursdays	weekly	10:00 AM	3:30 PM
Central Islip	Food Pantry	Wednesday	weekly	12:30 PM	1:00 PM



New Emergency Management in a Resilience Era Facing Health, Climate and Energy Challenges

Map



Recommendations

The six strategic themes of the Whole Community Approach are:

1. Understand community complexity.
2. Recognize community capabilities and needs.
3. Foster relationships with community leaders.
4. Build and maintain partnerships.
5. Empower local action.
6. Leverage and strengthen social infrastructure, networks, and assets.

When planning for community outreach in the future, one may consider both the strategic themes and the below-planning recommendations:

1. Establish the needs of the community
2. Develop a strategic plan
3. Develop a team
4. Train the team
5. Execute the plan
6. Review lessons learned
7. Create an implementation plan



Conclusion

- Former FEMA Administrator Craig Fugate said, "Government can and will continue to serve disaster survivors. However, we fully recognize that a government-centric approach to disaster management will not be enough to meet the challenges posed by a catastrophic incident. That is why we must fully engage our entire societal capacity...." (FEMA, 2011)
- "A safe community promotes social equity during a disaster: all members are prepared and have equal access to information, supplies, and shelter" (Lippmann 2011).



References

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