

Hospital Guidebook for Access and Functional Needs (AFN) in a Disaster

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Presentation Outline

- Defining terms
- The Office of Access and Functional Needs (OAFN)
- Integrating AFN into Hospital Emergency Response
- Summary
- Questions



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ADA: Definition of “Disability”

- A physical or mental impairment that substantially limits one or more major life activities
- Includes people who have a record of such an impairment, even if they do not currently have a disability
- It also includes individuals who do not have a disability but are regarded as having a disability



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Access and Functional Needs (AFN)

Individuals who have:

- Developmental, intellectual or physical disabilities
- Chronic conditions or injuries
- Limited English proficiency

And/or...

Individuals who are:

- Older adults, children or pregnant
- Living in institutionalized settings
- Low income, homeless and/or transportation disadvantaged



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Integration

Integrate: To make whole. To make something complete.

- To integrate emergency management by adding the access and functional needs perspective is to make, what is presently an incomplete system, whole.



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Perspective

Historically – communities, states and the nation as a whole – have not integrated their plans.

Hurricane Katrina:

- 70% of all who perished had a disability or an access or functional need



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Cal OES – Office of Access and Functional Needs (OAFN)

Established in 2008 to identify the needs of people with disabilities and others with access and functional needs before, during, and after a disaster.

OAFN integrates disability needs and resources into emergency management systems and offers guidance to emergency managers, planners, service providers.



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Partnership

Emergency management is a partnership:

- Some emergency managers know there are things they don't know and ask to partner.
- Some emergency managers know there are things they don't know and wait for someone to integrate for them.



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Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Office of Access and Functional Needs

Thank you

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Access and Functional Needs Hospital Disaster Guidebook

*California Hospital Association
Disaster Planning Conference
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Introductions

- **Steve Storbakken**, Director of Emergency Preparedness and Environment of Care Compliance, Pomona Valley Hospital Medical Center (PVHMC)
- **L. Vance Taylor**, Chief, Office of Access and Functional Needs, California Governor's Office of Emergency Services (Cal OES)
- **Kevin Muszynski**, Project Manager, Support Services, PVHMC

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Access and Functional Needs (AFN)

- All government agencies and most private organizations no longer use the term "*handicapped*"
- These terms are also being phased-out:
 - *Disabled Individuals*
 - *Individuals with Special Needs*
 - *At-Risk populations*
 - *Vulnerable populations*
- Replaced by: **Access and Functional Needs (AFN)**
- Related abbreviations: *AFNC, DAFN, IAFN, PAFN, etc.*

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Access and Functional Needs: C-MIST*

FEMA's definition:

Access and Functional Needs (AFN) Populations are defined as those whose members may have additional **needs** before, during and after an incident [for **access**] in **functional** areas, including but not limited to:

- **C**ommunication
- **M**aintaining Health
- **I**ndependence
- **S**upport and Safety
- **T**ransportation

* (The acronym C-MIST is attributed to June Isaacson Kailes)

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Access and Functional Needs

- **U.S. Census Bureau:** 26% of the American population has a registered disability
- **FEMA:** 30% to 40% of the population has an AFN
- **Conclusion:** A significant portion of the local population served by any hospital has AFN; it can be as high as 50%
- *Individuals with AFN can have extensive and incredibly diverse needs and restrictions which may increase significantly during an emergency event or a disaster*

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History of AFN Task Force

- Steve Storbakken met Vance Taylor at the EERI National Earthquake Conference in Long Beach, CA, June 2016
- Steve shared his goal to integrate Access and Functional Needs into hospital emergency planning
- A partnership was started between PVHMC and Cal OES; Kevin Muszynski, Project Manager at PVHMC then joined, largely to develop the AFN Disaster Risk Assessment Program

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History of AFN Task Force

- The AFN Hospital Disaster Guidebook Project was funded by a grant from the California Community Foundation's Disaster Fund: "Improving Disaster Preparedness and Resiliency in Los Angeles County."
- A team of three was recruited to work on this project: Connie Rangel, Julian Vestino (Volunteer), and Tao Ning (PhD student and Volunteer).

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AFN Guidebook

- The Guidebook provides information about AFN communities and sub-communities, and a listing of websites for AFN agencies and organizations nationwide
- Will serve as a resource to any hospital in conducting their AFN Disaster Risk Assessment, and in integrating AFN into their Emergency Operations Plan, and their Emergency Management P&Ps

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AFN Guidebook

Some advantages over other online emergency management libraries:

- Lists all AFN communities per CMS 3178-F, *Emergency Preparedness Final Rule*, and all guidance memos
- Over 1000 website listings; many are specific to healthcare
- Websites are screened to only include “best practice” organizations and agencies
- Listings are organized AFN community-by-AFN community
- Brief description of specific service(s) offered
- Primarily national listings, with some statewide and local

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Disclaimer – part 1 of 3

“PVHMC provides the ‘AFN Disaster Guidebook’ with its listing of best practice and recommended websites as a service to the healthcare provider community. PVHMC is not responsible for, and expressly disclaims all liability for, damages of any kind arising out of use, reference to, or reliance on any information contained within this Guidebook.

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Disclaimer – part 2 of 3

While the information for websites contained within this Guidebook is periodically updated, no guarantee is given that the information provided in this website is correct, complete, and up-to-date.

Although the ‘AFN Disaster Guidebook’ and the website upon which it is posted may include links providing direct access to other Internet resources, PVHMC is not responsible for the accuracy or content of information contained in these sites.

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Disclaimer – part 3 of 3

Links from the 'AFN Disaster Guidebook' to third-party sites do not constitute an endorsement by PVHMC of the parties or their products and services. The appearance on this website of product or service information does not constitute an endorsement by PVHMC, and PVHMC has not investigated the claims made by any of the listed organizations or agencies. Product information is based solely on the website advertisements of these organizations and agencies."

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AFN Communities & Sub-Communities

- Public agencies and private organizations sometimes define, and group, AFN populations somewhat differently.
- There is no single definitive list of AFN communities.
- The AFN Disaster Guidebook, following CMS guidance, has adopted a rather broad number of AFN communities.
- In short, we strive to include all populations who may have unique needs and restrictions during disaster events.
- The Guidebook currently includes 25 AFN communities, (in 3 categories), and numerous sub-communities.

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Three Categories of AFN Communities

Medical Issues

- Chronic Medical Conditions
- Disabilities and Disorders: Physical, Psychological or Intellectual
- Dependence upon Rx Medications, Durable Medical Equipment (DME), Consumable Medical Supplies (CMS), or Medical Services
- Significant Injury or Illness, including those with a predisposition(s)
- Pregnancy

Age-related Requirements & Limitations

- All Minors
- Most Older Adults

Cultural, Racial/Ethnic, Religious, Language and Socioeconomic Needs

- Diverse, Wide-ranging and Complex Value, Tradition and Belief Systems

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MEDICAL ISSUES

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Identifying the AFN Communities

Individuals with Physical Disorders

CDC: 16% of population (50+MM) has one or more

- **Mobility/Ambulatory Impaired:** 7+% have difficulty walking or climbing stairs; half require assistive devices
- **Blind or Vision Impaired:** 9% have significant sight issues
- **Dexterity Impaired:** 5%; most often caused by arthritis
- **Deaf or Hard of Hearing:** 15%; only 1/3 have hearing aids
- **Speech, Voice and Lingual Disabilities:** 2%
- **Other Sensory Impairments (touch, smell, taste):** <2%
- **Sensory Processing Disorder (SPD):** estimated 5 to 16%

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Physical Disorders

AFN Community: PHYSICAL DISORDERS	
*Sub-Community: Mobility/Ambulatory Impairments	
* National/ Federal Resources	
Resource	
1. Disaster Readiness for people with Mobility Disability	http://www.disastersrus.org/MyDisasters/disability/epips4mobility.pdf
2. Preparedness/tips for people with Mobility Disabilities in disaster	www.getreadyforflu.org/mobilityTXT.htm
3. Mobility and dexterity Disability Resources and Services	https://disabilityresources.temple.edu/mobility-and-dexterity
4. Disaster Readiness Tips for People with Mobility Disabilities. Evacuation Devices: The best-known are lightweight chairs used to carry a person down a stairway.	https://www.brainline.org/article/disaster-readiness-tips-people-mobility-disabilities
5. The Nobody Left Behind (NLB): Disaster Preparedness for Persons with Mobility Impairments research study determined the readiness of emergency management sites across the United States to assist persons with mobility impairments during disasters	http://www2.ku.edu/~rtcpbs/findings/pdfs/bestpractices_3-21-072.pdf
6. Report on Exemplary and Best Practices in Disaster Preparedness and Emergency Response For People with Disabilities	http://www2.ku.edu/~rtcpbs/findings/pdfs/bestpractices_3-21-072.pdf
7. Nobody Left Behind	http://www2.ku.edu/~rtcpbs/findings/pdfs/NLB%20Executive%20Summary.pdf
8. Tips for People with a Mobility Disability	https://www.ready.gov/disability#
9. Personal Disaster Preparedness: I use a wheelchair (video)	https://www.youtube.com/watch?v=ygHGcotBX8c&list=PL720Kv_OoJLu_6_9-itWVf847IRVmnah9&index=4

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Physical Disorders (cont.)

* State Level Resources	
Resource	Link
1. CALIFORNIA'S EMERGENCY PREPAREDNESS GUIDE FOR PEOPLE WITH DISABILITIES	https://scdd.ca.gov/wp-content/uploads/sites/33/2016/09/FINAL-DRAFT-5.1-Emergency-Prep-Handbook-Lets-Get-Prepared-2.17.2016-.pdf
2. Tips on Paying For the Mobility Equipment You Need NAVIGATING MEDICARE	https://www.ilrcsf.org/wp-content/uploads/2016/10/ILRCSF-Medicare_factsheet.pdf
3. Tips on Paying For the Mobility Equipment You Need NAVIGATING MEDI-CAL	https://www.ilrcsf.org/wp-content/uploads/2016/10/ILRCSF-Medi_Cal_factsheet.pdf
4. Guidelines for Persons with Disabilities in Emergencies	https://www.csusm.edu/em/aboutus.html
5. Emergency Preparedness Guide for People with Disabilities/Special Needs	https://www.getprepared.gc.ca/cnt/rsrscs/pblctns/pplvthdsblts/index-en.aspx#psn.06.01
6. Emergency Preparedness Considerations for People with ALS and their Caregivers	https://www.als.org/sites/default/files/2021-08/emergency-prep-webinar.pdf
7. Emergency Preparedness People with Physical Disabilities	https://www.loc.gov/nls/resources/general-resources-on-disabilities/emergency-preparedness/

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Physical Disorders (cont.)

Sub-Community: Physical Disability Blind or Vision Impaired	
* National/ Federal Resources	
Resource	Link
1. Preparedness guide for blind and Visually impaired persons	www.cusec.org/publications/safety/preparednessforblind
2. Emergency Preparedness and People who are Blind and Visually Impaired	https://www.njcounciloftheblind.org/brochures/emergency_preparedness_and_people_who_are_blind_and_visually_impaired.htm
3. Home Safety for people with disabilities	https://www.nfpa.org/evacuationguide
4. ACCESSIBLE COMMUNICATION TECHNOLOGY FOR DISASTER SURVIVORS Low Vision or Blind	https://www.fema.gov/sites/default/files/2020-07/fema_accessible-technology-for-disaster-survivors.pdf
5. Provides emergency preparedness tips for people who have visual disabilities, including such as creating alternative mobility cues, labeling emergency supplies in braille, and backing up computer data regularly.	http://www.ilrcsf.org/wp-content/uploads/2012/08/Visual.pdf
6. Americans with Disabilities Act (ADA) ("communication disabilities")	https://www.ada.gov/effective-comm.htm
7. Disability Resources and Services Blind Low-Vision	https://disabilityresources.temple.edu/blindlow-vision
8. This brochure is designed to help people with sensory disabilities begin to plan. The term "sensory disabilities" refers primarily to persons with hearing or visual limitations, including total blindness or deafness.	https://www.brainline.org/article/disaster-readiness-tips-people-sensory-disabilities
9. Cell Phones, Tablets, and Other Mobile Technology for Users with Visual Impairments. Cellphone, tablets and mobile devices	https://www.afb.org/blindness-and-low-vision/using-technology/cell-phones-tablets-mobile

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Physical Disorders (cont.)

Sub-Community: Physical Disability Dexterity Impaired	
* National/ Federal Resources	
Resource	Link
1. Mobility and dexterity Disability Resources and Services	https://disabilityresources.temple.edu/mobility-and-dexterity
2. Disability-Related Resources: Mobility and Dexterity Impairments	https://gwcc.libguides.com/c.php?g=53308&p=343501
3. Learning About Disabilities Mobility/Dexterity Impairments	https://case.edu/studentlife/healthcounseling/sites/case.edu.healthcounseling/files/2019-05/LAD%20Mobility-Dexterity%20Impairment.pdf
4. Emergency Information Form	https://www.ilru.org/sites/default/files/publications/emergency_prep/Emergency%20Information.pdf
5. Effective Communications for People with Disabilities: Before, During, and After Emergencies	https://ncd.gov/publications/2014/05272014
6. Project Safe EV-AC A practical Handbook for Emergency Planning	https://www.preventionweb.net/files/8878_evacinAdvance.pdf
7. Resources on Emergency Preparedness & Recovery	https://www.ilru.org/projects/disability911/resources-emergency-preparedness-recovery
* State Level Resources	
Resource	Link
1. California's Emergency Preparedness Guide For people With Disabilities	https://sccd.ca.gov/wp-content/uploads/sites/33/2016/09/FINAL-DRAFT-5.1-Emergency-Prep-Handbook-Lets-Get-Prepared-2.17.2016-.pdf

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Physical Disorders (cont.)

Sub-Community: Physical Disability Deaf or Hard of Hearing Impairments	
* National/ Federal Resources	
Resource	Link
1. Organizations providing interpretation services for individuals who are deaf or hard of hearing. ****	https://www.caloes.ca.gov
2. Emergency Checklist for People with Disabilities and Access and Functional Needs	https://ready.dc.gov/page/people-disabilities
3. Accessible Communication Technology for Disaster Survivors for deaf or hard of hearing	https://www.fema.gov/sites/default/files/2020-07/fema_accessible-technology-for-disaster-survivors.pdf
4. Public Services- Emergency Alerts sent to your email or wireless device.	www.EmergencyEmail.org
5. Alerting people with disabilities and Access and Functional needs	http://www.ready.gov
6. The Division of Services for the Deaf and the Hard of Hearing provides services through its seven North Carolina regional centers. These services are open to Deaf, Hard of Hearing and Deaf-Blind individuals. Family members, professionals, agencies and individuals seeking information or assistance also have access to these services. There is no charge for these services.	https://www.ncdhs.gov
7. Offers tips for people who are deaf and hearing impaired to be ready for emergencies, such as how to use a visual smoke alarm, and having an emergency communication strategy.	http://www.ilrcsf.org/wp-content/uploads/2012/08/Hearing-Impaired.pdf
8. People who are hard of hearing or deaf Home Safety Tips	https://www.nfpa.org/evacuationguide
9. Americans with Disabilities Act (ADA) ("communication disabilities")	https://www.ada.gov/effective-comm.htm

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Physical Disorders (cont.)

Sub-Community: Neurological Disorder	
* National/ Federal Resource	
Resources	Link
1. Epilepsy & Disaster Preparedness	https://www.cdc.gov/epilepsy/emergency/index.htm
2. Disaster Preparedness for Alzheimer's	https://www.nia.nih.gov/health/disaster-preparedness-alzheimers-caregivers
* State Level Resource	
Resources	Link
1. Disaster Readiness Tips for People with Developmental or Cognitive Difficulties	https://www.brainline.org/article/disaster-readiness-tips-people-developmental-or-cognitive-difficulties
2. Disaster Readiness Tips for People with DEVELOPMENTAL OR COGNITIVE DISABILITIES	http://www.disastersrus.org/MyDisasters/disability/epips3cognitive.pdf
3. Safety Concerns for people with Dementia, changes in the brain can also impact how individuals interpret what they see, hear, feel, taste or smell, and their sense of time, place and judgment – each of which can impact safety.	https://familymedicine.uw.edu/cpc/wp-content/uploads/sites/15/2021/09/Dementia-Safety-Informational-Toolkit.pdf

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Physical Disorders (cont.)

Sub-Community: Speech, Voice, Lingual Impairments	
* National/ Federal Resource	
Resource	Link
1. Americans with Disabilities Act (ADA) ("communication disabilities")	https://www.ada.gov/effective-comm.htm
2. Tips for People with Speech Disability	https://www.ready.gov/disability#
3. Emergency Communication: Disaster Preparation Response & Recovery for people with CCN (Complex Communication Needs) This document provides information about communication methods for people who are not able to use their natural speech to communicate	http://aac-lerc.psu.edu/index-120.php.html
4. acc and preparednes rescue and releif efforts ensuring safety of people with complex communications needs	https://aac-lerc.psu.edu/index.php/pages/show/id/4
5. Advocacy for People with Speech Disabilities: Emergency Preparedness Resources	https://www.patientprovidercommunication.org/download/news/45.pdf
6. sign language interpreter, VRI, video relay services, an amplified personal listener system	https://www.fema.gov/sites/default/files/2020-07/fema_accessible-technology-for-disaster-survivors.pdf
7. Assistive Devices for People with Hearing, Voice, Speech, or Language Disorders	https://www.nidcd.nih.gov/health/assistive-devices-people-hearing-voice-speech-or-language-disorders
8. FEMA Helps In Many Languages contact numbers	https://www.fema.gov/press-release/20210318/fema-helps-many-languages
9. Effective Communications for People with Disabilities: Before, During, and After Emergencies	https://ncd.gov/publications/2014/05272014

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Physical Disorders (cont.)

Sub-Community: Touch, Smell, Taste Impairments	
* National/ Federal Resource	
Resource	Link
1. People with Alzheimer's disease may not see, smell, touch, hear, and/or taste things as they used to. You can do things around the house to make life safer and easier for the person	https://www.nia.nih.gov/health/home-safety-and-alzheimers-disease
2. How Smell and Taste Change as You Age	https://www.nia.nih.gov/health/smell-and-taste#sense
* State Level Resource	
Resource	Link
1. Safety Concerns for people with Dementia, changes in the brain can also impact how individuals interpret what they see, hear, feel, taste or smell, and their sense of time, place and judgment – each of which can impact safety.	https://familymedicine.uw.edu/cpc/wp-content/uploads/sites/15/2021/09/Dementia-Safety-Informational-Toolkit.pdf
2. Safety Concerns for People with Dementia	https://vda.virginia.gov/downloads/demensy/Dementia%20Safety%20Informational%20Toolkit%20Virginia.pdf
Sub-Community: Sensory Processing Disorder (SPD)	
* National/ Federal Resource	
Resource	Link
1. Disaster Readiness Tips for People with Sensory Disabilities	https://www.brainline.org/article/disaster-readiness-tips-people-sensory-disabilities
2. People with Sensory Disabilities	https://www.utsa.edu/disability/policies/Readiness-Tips-Sensory-Disabilities-2018.pdf

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Identifying the AFN Communities

Individuals with Psychological Disorders (Mental/Behavioral Health Issues)

SAMHSA: 18% of the U.S. population (nearly 60MM) has some form of mental illness, 4% are severe (13MM)

- Anxiety disorders
- Mood disorders, depression
- Personality disorders, dementia
- Eating disorders
- Addictions
- Psychotic disorders

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Psychological Disorders: Mental/ Behavioral Health (cont.)

AFN Community: PSYCHOLOGICAL DISORDERS	
Sub-Community: Anxiety Disorder	
* National/ Federal Resource	
Resources	Link
1. Coping with a Disaster or Traumatic Event	https://emergency.cdc.gov/coping/pdf/Coping_with_Disaster_2.pdf
2. Mental Health Resources During an Emergency	https://omh.nj.gov/omhweb/disaster_resources/pandemic_influenza/
3. Resources Specific to Emergency/Crisis and Disaster Settings	https://www.acf.hhs.gov/trauma-toolkit/emergency-crisis-and-disaster
4. Taking Care of Your Emotional Health	https://emergency.cdc.gov/coping/selfcare.asp
5. NAMI National Helpline Resource Directory	https://nami.org/NAMI/media/NAMI-Media/Images/FactSheets/2021-Resource-Directory.pdf
6. Emotional Responses when we experience a disaster or other stressful life event, we can have a variety of reactions, all of which can be common responses to difficult situations.	https://www.redcross.org/get-help/disaster-relief-and-recovery-services/recovering-emotionally.html
7. Disaster Behavioral Health Capacity Assessment Tool	https://www.phe.gov/Preparedness/planning/abc/Documents/dbh-capacity-tool.pdf
8. Department of Health and Human Services Disaster Behavioral Health Concept of Operations	https://www.phe.gov/Preparedness/planning/abc/Documents/dbh-conops-2016.pdf

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Psychological Disorders: Mental/ Behavioral Health (cont.)

Sub-Community: Depression and Mood Disorder	
* National/ Federal Resources	
Resource	Link
1. Disaster Behavioral Health Planners Resource Portal	https://www.samhsa.gov/dtac/disaster-planners
2. SAMHSA Disaster Mobile App	https://store.samhsa.gov/product/samhsa-disaster
3. SAMHSA's Disaster Distress Helpline provides 24/7, 365-day-a-year crisis counseling and support to people experiencing emotional distress related to natural or human-caused disasters.	https://www.samhsa.gov/find-help/disaster-distress-helpline
4. NAMI National Helpline Resource Directory	https://nami.org/NAMI/media/NAMI-Media/Images/FactSheets/2021-Resource-Directory.pdf
5. Depression	https://www.nami.org/About-Mental-Illness/Mental-Health-Conditions/Depression
6. Emotional Responses when we experience a disaster or other stressful life event, we can have a variety of reactions, all of which can be common responses to difficult situations.	https://www.redcross.org/get-help/disaster-relief-and-recovery-services/recovering-emotionally.html
* State Level Resources	
Resource	Link
1. Mental health in emergencies	https://www.who.int/news-room/fact-sheets/detail/mental-health-in-emergencies
2. DISASTER BEHAVIORAL HEALTH	https://fema.ca.gov/wp-content/uploads/sites/71/2018/11/EOM-Disaster-Behavioral-Health-10-26-2018.pdf

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Psychological Disorders: Mental/ Behavioral Health (cont.)

Sub-Community: Personality Disorder and Dementia	
* National/ Federal Resource	
Resources	Link
1. NAMI National HelpLine Resource Directory	https://nami.org/NAMI/media/NAMI-Media/Images/FactSheets/2021-Resource-Directory.pdf
2. Disaster Preparedness for Alzheimer's Caregivers	https://www.nia.nih.gov/health/disaster-preparedness-alzheimers-caregivers
3. Disaster Preparedness and Planning for Populations with Dementia and Other Vulnerabilities	https://www.alz.org/media/documents/spotlight-disaster-preparedness.pdf
* State Level Resource	
Resources	Link
1. Safety Concerns for People with Dementia	https://vda.virginia.gov/downloads/demserv/Dementia%20Safety%20International%20Toolkit%20Virginia.pdf
2. Disaster Planning Toolkit for People Living with Dementia	https://publob1storage.blob.core.windows.net/public/nadrc/docs/NADRCdisasterplanToolkit508readonly.pdf
3. Disaster Preparedness:Emergency situations can be stressful for everyone, but especially for people living with Alzheimer's and dementia	https://www.co.shasta.ca.us/ShastaHealthyBrain/disaster-preparedness
4. Preparing for Emergencies	https://www.alz.org/help-support/caregiving/safety/in-a-disaster
5. Minnesotans working together on the impacts of Alzheimer's	https://www.actonalz.org/planning-emergency-response

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Identifying the AFN Communities

Individuals with Intellectual and/or Developmental Disabilities (ID/DD or I/DD)

AAIDD: At least 2% of the U.S. population (6.5MM) has some form of intellectual disability, with an IQ of under 70.

- Down syndrome
- Fragile X syndrome
- Autism Spectrum Disorder
- Fetal Alcohol Spectrum Disorders (FASD)
- Infections or other medical issues during pregnancy
- Exposure to toxins
- Malnutrition

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Intellectual and/or Developmental Disabilities

AFN Community: INTELLECTUAL / DEVELOPMENTAL DISABILITIES	
Sub-Community: Cognitive and Behavioral Functioning Impairments	
* National/ Federal Resources	
Resource	Link
1. Emergency Evacuation Planning Guide for People with Disabilities	https://www.nfpa.org/-/media/Files/Public-Education/By-topic/Disabilities/EvacuationGuidePDF.ashx?la=en
2. Intermediate Care Facilities for Individuals with Intellectual Disability	https://www.medicaid.gov/medicaid/long-term-services-supports/institutional-long-term-care/intermediate-care-facilities-individuals-intellectual-disability/index.html
3. Disaster Health Literacy of Middle-aged Women	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6336570/?log\$=activity
4. Tips for preparing for a disaster	https://www.ready.gov/disability
5. Resources for people with disabilities	https://wid.org/climate-change/resources-for-people-with-disabilities-in-emergencies-disasters/
6. Helping children with disabilities cope with disasters	https://www.cdc.gov/ncbddd/disabilityandsafety/trauma.html
7. Disability and Health emergency preparedness	https://www.cdc.gov/ncbddd/disabilityandhealth/emergencypreparedness.html
8. Emergency preparedness resources for persons with disabilities	https://www.hhs.gov/civil-rights/for-individuals/special-topics/emergency-preparedness/resources-persons-disabilities/index.html

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Intellectual and/or Developmental Disabilities

* State Level Resources	
Resource	Link
1. Communication Passport for Accidents and Emergencies This color-coded card system allows individuals with learning disabilities and/or other communication related special needs to inform others of things they must have, things that are important to them, and their likes and dislikes.	https://widjit-health.com/downloads/A-and-E-passport.htm
2. This website provides information on an app called ECAAIL. It is a voice output direct selection and symbolic communicator program designed for use by individuals with communication, cognitive, learning, developmental or speech disabilities,	https://aaccommunity.net/2018/09/emergency-preparation-for-aac/
3. FAQs on Intellectual Disability	https://www.aaid.org/intellectual-disability/faqs-on-intellectual-disability
4. My Safety, My Responsibility, My Plan is a multi-session program to train adults with intellectual disabilities to understand and to be prepared for emergencies. Information is based on the principles set by FEMA, the Department of Homeland Security, the American Red Cross and the U.S. Fire Administration	https://www.wifd.org/resources/resource/emergency-preparedness-my-safety-my-responsibility-my-plan
5. There are many kinds of intellectual disabilities—and many causes. Intellectual disability is the most common developmental disability.	https://www.specialolympics.org/about/intellectual-disabilities/what-is-intellectual-disability?gclid=EAlaIqobChMlyb3GuN_69glVoQqtBh0pYQuYEAAyIAAEglmzVD_BwE
6. How to prepare for a disaster if you live with a disability	https://www.latimes.com/california/story/2021-09-01/how-to-prepare-for-a-disaster-if-you-live-with-a-disability
7. LA county Page with links and organizations that help	http://www.publichealth.lacounty.gov/eprp/media/links_disabilities.htm

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Intellectual and/or Developmental Disabilities

9. Handbook for people with disabilities for getting prepared for emergencies	https://scdd.ca.gov/wp-content/uploads/sites/33/2016/09/FINAL-DRAFT-5.1-Emergency-Prep-Handbook-Lets-Get-Prepared-2.17.2016-.pdf
10. Covid-19 Tips For People with Intellectual and Development Disabilities	http://www.listocalifornia.org/wp-content/uploads/508_LIS_027_050520_IDD_tips_dAf.pdf
11. Intellectual / Developmental Disability (I/DD) Waiver Program	https://kdads.ks.gov/kdads-commissions/long-term-services-supports/home-community-based-services-(hcbs)-programs/programs/i-dd
12. Comprehensive Residential Service Options for Individuals with Developmental Disabilities.	https://www.valleyvillage.org/resources/?gclid=EAlaQobChMIhZnw4pHo9g1VvBatBh38rg6LEAYAyAAEghXFD_BwE#information_about_specific_disabilities
* Local Level Resources	
Resource	Link
1. California MENTOR's services and support are focused on helping adults and children with intellectual and developmental disabilities build increasingly rich, independent lives.	https://www.findhelp.org/california-mentor---riverside-intensive-outpatient-mental-health-san-jose-ca--day-programs/6319033195954176?postal=91741
* Additional Resources	
Resource	Link
Organization information: Behavioral and mental health providers, development disabilities services, Independent living services, March of Dimes, Socila and human services, The Arc	

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Identifying the AFN Communities

Individuals with Chronic Medical Conditions

CDC: 60% of adults (150MM) have a chronic medical condition, 40% (100MM) have 2 or more

- Conditions that last 1 year or longer, and require ongoing medical attention or limit activities of daily living, or both
- Often caused by: tobacco use (inc. secondhand smoke), poor nutrition, lack of physical activity, excess alcohol use
- *Including:*
 - Heart Disease and Stroke - Chronic Cancers - Diabetes
 - Chronic Lung disease - Kidney disease - Alzheimer's - etc.

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Chronic Medical Conditions

AFN-Community: Chronic Medical Conditions	
Sub-Community: Chronic Lung/Respiratory Disease	
* National/ Federal Resources	
Resource For Respiratory Failure Bottled Oxygen Dependent	Link
1. American Association for Respiratory Care this association provides programs, education, and resources for Respiratory failure situations.	https://www.aarc.org/resources/clinical-resources/oxygen-resources/
2. Oxygen Supplies in Disaster Management. This is a research article published in Respiratory Care. It introduces two methods to cope with patient surge in disaster. Contact vendors and alternative care facilities	https://rc.rcjournal.com/content/58/1/173
3. COPD travel Pack from American Lung Association the travel pack can be used for emergency use	https://www.lung.org/blog/asthma-copd-travel-pack
Resource For Respiratory Failure Ventilator Dependent	Link
1. American Thoracic Society Noninvasive Ventilation for Acute Respiratory Failure: Official ATS Clinical Practice Guideline implementation Tools	https://www.thoracic.org/statements/guideline-implementation-tools/non-invasive-ventilation-for-acute-resp-failure.php
Resource For Respiratory Failure CPAP or BIPAP Dependent	Link
1. No Person Left Behind - Oxygen A 501© non profit public charity that provides Disaster Education and a variety of resources available	http://oxygen.nopersonleftbehind.org/index.htm
2. ADA Presentation Webinars resources on a variety of subjects under the American Disability Act	https://adapresentations.org/Index.php
Resource For Respiratory Failure Oxygen Concentrated Dependent	Link
1. Oxygen Disaster preparedness resources	https://adapresentations.org/webinar.php?id=25
2. Inogen a manufacture of Oxygen concentrator (POC) Emergency Preparedness Tips for people with POC's	https://www.inogen.com/resources/oxygen-concentrators/oxygen-tanks-safety/

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Chronic Medical Conditions (cont.)

Sub-Community: Chronic Heart Disease and Stroke	
* National/ Federal Resources	
Resources For Heart Failure: Implanted Cardiac Device-ICD dependent	Link
1. Mayor clinic information for ICD	https://www.mayoclinic.org/tests-procedures/implantable-cardioverter-defibrillators/about/pac-20384692
2. Things to avoid for ICD patients during disaster and patient education Pacemakers (beyond and basic)	https://www.uptodate.com/contents/pacemakers-beyond-the-basics
* Local Level Resources	
Resources	Link
1. UCSF FAQ for ICU patients	https://www.ucsfhealth.org/education/faq-implantable-cardioverter-defibrillators
Resource For Chronic Arthritis	Link
1. Emergency Preparedness: Special Considerations for People with Rheumatoid Arthritis	https://www.hss.edu/conditions_emergency-preparedness-special-considerations-for-people-with-rheumatoid-arthritis.asp
Resource For Stroke	Link
1. Post-Stroke Rehabilitation	https://www.stroke.nih.gov/materials/rehabilitation.htm
2 Post-Stroke Rehabilitation Fact Sheet	https://www.ninds.nih.gov/Disorders/Patient-Caregiver-Education/Fact-Sheets/Post-Stroke-Rehabilitation-Fact-Sheet

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Chronic Medical Conditions (cont.)

Sub-Community: End Stage Renal Disease (ESRD)-Requiring Dialysis	
* National/ Federal Resources	
Resource For Kidney failure (ESRD) Facility Dialysis Dependent	Link
1. Provides disaster preparedness information, resources, and tools for Facility Dialysis dependent patients which include Kidney Community Emergency Response (KCER) Coalition and National Kidney Foundation Planning for Emergencies: A Guide for People with Chronic Kidney Disease.	https://www.kidney.org/help
2. Planning For Emergencies A Guide for People with Chronic Kidney Disease. This guide book lists detailed information for disaster planners or patients	https://www.kidney.org/sites/default/files/11-10-0807_IBD_disasterbrochure.pdf
3. CDC What to Do in an Emergency If You Need Dialysis. Emergency Kit includes a list of medications and at least a 3-day supply of each	https://www.cdc.gov/kidneydisease/publications-resources/featured-articles/emergency-dialysis.html?CDC_AA_reVal=https%3A%2F%2Fwww.cdc.gov%2Fdiabetes%2Flibrary%2Fspotlights%2Femergency-dialysis.html
4. Kidney Community Emergency Response includes useful information for professionals in a disaster	https://www.kcercoalition.com/en/resources/professional-resources/
Resource For Kidney failure (ESRD) Home Dialysis Dependent	Link
1. 7-Common Drugs Prescribed for Dialysis Patients from Davita	https://www.davita.com/treatment-services/prescription/common-drugs-prescribed-for-dialysis-patients
2. Disaster Planning for Patients with Kidney Disease a brief introduction of how to deal with disasters from patient perspective. Resources for either home dialysis dependent or facility dialysis dependent	https://www.niddk.nih.gov/health-information/professionals/diabetes-discoveries-practice/disaster-planning-for-patients-with-kidney-disease
3. Emergency Preparedness for People with Kidney Disease-Davita. Provide patient based short term emergency preparedness guidelines including diet, and shelter	https://www.davita.com/education/ckd-life/emergency-preparedness-for-people-with-kidney-disease

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Chronic Medical Conditions (cont.)

Sub-Community: Chronic Cancers	
* National/ Federal Resources	
Resources	Link
1. CDC Disaster Planning: People with Chronic Disease look for cancer section which provides Cancer Survivorship Care Plan	https://www.cdc.gov/reproductivehealth/features/disaster-planning-chronic-disease/index.html
2. Emergency Resources for the Cancer Community Wallet Card /cancer information services	https://www.cancer.gov/contact/emergency-preparedness
3. Cancer.org Public shelter/wildfire smoke/and hurricane resources within pandemic	https://www.cancer.org/latest-news/how-to-prepare-for-a-weather-emergency-when-you-have-cancer.ht
4. When disaster strikes: The role of disaster planning and management in cancer care delivery. The journal article analyzed several previous natural disasters' impacts on cancer patients and proposed several suggestions to alleviate impacts for patients with cancer	https://acsjournals.onlinelibrary.wiley.com/doi/full/10.1002/cncr.32920
*State Level Resources	
Resource	Link
1. Florida health department Disaster Preparedness for People with Cancer	http://www.floridahealth.gov/programs-and-services/emergency-preparedness-and-response/prepare-yourself/documents/disaster-preparedness-cancer.pdf

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Chronic Medical Conditions (cont.)

Sub-Community: Diabetes (Type 1 and Type 2)	
* National/ Federal Resources	
Resource	Link
1. American Diabetes Association Tips for Emergency	https://www.diabetes.org/resources/disaster-relief/tips-for-emergency-preparedness
2. American Diabetes Association resources help line	American Diabetes Association at 1-800-DIABETES for help
3. The Rights of People with Diabetes in Emergency Shelters	https://www.diabetes.org/resources/disaster-relief/rights-diabetes-emergency-shelters
4. Diabetes Care During Emergencies and resources from CDC	https://www.cdc.gov/diabetes/library/features/diabetes-care-during-emergencies.html
5. Association of Diabetes Care and Education Specialists --this association provides useful information for diabetes related research, education, and training. This article is a personal preparedness plan for people with diabetes	https://static1.squarespace.com/static/5b7f00ce89c172284abdb545/t/5b8364f81ae6cfab3d21bd8a/1535337721395/DDRCPatient+Preparedness+Plan+2018+-+Long+version+checklist+%2B+helpful+website+and+phone+numbers.pdf
6. Diabetes disaster response coalition specific resources for people with diabetes	https://diabetesdisasterresponse.org/
*State Level Resources	
Resource	Link
1. The State of New Jersey's emergency plan for diabetes	https://www.nj.gov/health/fhs/chronic/documents/diabetes_disaster_guidelines.pdf

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Chronic Medical Conditions (cont.)

Sub-Community: Chronic Pain	
* National/ Federal Resources	
Resource	Link
1. Disaster Preparedness When Living With Chronic Pain	https://www.painScale.com/article/disaster-preparedness-when-living-with-chronic-pain
2. Emergency management of chronic pain and drug-seeking behavior: an alternate perspective	https://pubmed.ncbi.nlm.nih.gov/17997073/
Sub-Community: High-Impact Chronic Pain	
* National/ Federal Resources	
Resource	Link
1. NIH study broadens understanding of High Impact Chronic Pain in the U.S	https://www.nih.gov/news-events/news-releases/nih-study-broadens-understanding-high-impact-chronic-pain-us
Sub-Community: Chronic Fatigue Syndrome (CFS) or Stamina Impairment	
* National/ Federal Resources	
Resource	Link
1. Feeling Fatigue Due to Disasters? FEMA has just released its study on this new merging topic in 2021	https://www.fema.gov/press-release/20210124/feeling-fatigue-due-disasters
2. Confronting Our Next National Health Disaster — Long-Haul Covid this article mentions Chronic Fatigue Syndrome in Covid and how to prepare for next disaster	https://www.nejm.org/doi/full/10.1056/NEJMp2109285

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Chronic Medical Conditions (cont.)

Sub-Community: Obesity	
* National/ Federal Resources	
Resource	Link
1. Planning Considerations for the Extremely Obese in Disasters and Public Health Emergencies	https://www.phe.gov/preparedness/planning/abc/documents/obesity.pdf
2. Critical Care of the Morbidly Obese in Disaster	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7135782/
3. Disability and Obesity	https://www.cdc.gov/ncbddd/disabilityandhealth/obesity.html
4. Morbid Obesity in Disasters: Bringing the "Conspicuously Invisible" into Focus	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5086768/
5. Planning Considerations for the Extremely Obese	https://www.phe.gov/Preparedness/planning/abc/Pages/obesity.aspx
*State Level Resources	
Resource	Link
1. Obesity	https://www.michigan.gov/mdhhs/keep-mi-healthy/primary/obesity
2. California Obesity Prevention Program	https://www.cdph.ca.gov/Pages/PageNotFoundError.aspx?requestUrl=https://www.cdph.ca.gov/programs/COPP/Pages/default.aspx
3. Imperial County Public Health Department Obesity	https://www.icphd.org/health-information-and-resources/data-&-statistics/other-reports/obesity/

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Chronic Medical Conditions (cont.)

Sub-Community: Victims of Chronic Domestic Abuse, Violence or Neglect	
* National/ Federal Resources	
Resource	Link
1. National Deaf Domestic Violence	www.thehotline.org
2. Red Cross Find Open Shelters If an emergency has forced you to evacuate your home, the Red Cross may be able to help.	https://www.redcross.org/get-help/disaster-relief-and-recovery-services/find-an-open-shelter.html
3. FEMA National Referral List	www.fema.gov/disasters
4. FIRST RESPONDERS: Support for Pregnant Survivors of Abuse or Rape During Disasters	https://www.phe.gov/Preparedness/planning/abc/Documents/first-responder-factsheet.pdf
5. New Directions in Child Abuse and Neglect Research	https://www.ncbi.nlm.nih.gov/books/NBK195993/#ref_00124
*State Level Resources	
Resource	Link
1. Victim Services provides financial assistance and support to victim service providers to ensure all victims of crime in California receive the services they need	https://www.caloes.ca.gov/cal-oes-divisions/grants-management/victim-services
2. A list of Victim Services with statistics and Subrecipient Lists	https://www.caloes.ca.gov/GrantsManagementSite/Documents/2021%20ILBC%20Report.pdf
3. Domestic Violence Organizations in California	https://www.cpedv.org/domestic-violence-organizations-california

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Chronic Medical Conditions (cont.)

* Local Resources	Link
Resources	
1. Disaster Preparedness & Response resources to assist in creating disaster preparedness plans and responding to emergencies quickly and effectively to protect children and families and help them recover.	https://www.childwelfare.gov/topics/management/disaster-preparedness/
2. Temple City Community Resource Guide 24 Hour assistance for domestic violence, sexual assault and child abuse victims. Domestic Violence Hotline. 1(800) 978-3600. 24 Hours hotline for battered.	https://resources.finalsite.net/images/v1585593718/tcusdnet/mhtll2qvp34munzpfuo/Community_Resource_Guide_-_PDF_2015.pdf
3. Community Resources - First Christian Church Pomona	https://fccpomona.org/resources/
4. House of Ruth's emergency shelter provides programs and support for victims and their children including food, clothing, personal care items	https://www.findhelp.org/housing/safe-housing--pomona-ca?postal=91767&filters=%7B%22attribute_tags%22%3A+%5B%22emergency%22%5D%7D
5. Resource Guide Collaborative Community Network	http://www.selacowdb.com/wp-content/uploads/2018/04/CCN-Resource-Guide.pdf
6. The EmPOWER Center 7C Violence Prevention and Advocacy	https://www.7csupportandprevention.com/off-campus-resources
7. Provides emergency shelter and transitional housing for women and children who are victims of domestic violence, home	https://www.ci.azusa.ca.us/DocumentCenter/View/33935/Azusa-Community-Resource-Guide?bidId="
8. SUPPORT RESOURCES & SERVICES	https://www.cityofmonrovia.org/city-services/resident-resources/support-resources-services
9. Abuse Deaf Women's advocacy	WWW.adwas.org

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Chronic Medical Conditions (cont.)

Sub-Community: Special Clinical Nutritional Needs	
* National/ Federal Resources	Link
Resource For External Feeding Dependent	
1. Emergency preparedness for feeding tubes instructions of G-tube Emergency Kit using in disaster	https://www.feedingtubeawareness.org/troubleshooting/emergencies/preparedness/
2. Basic Food and Nutrition requirements in a Disasters	https://www.paho.org/en/health-emergencies/food-and-nutrition-disasters
3. Food Allergies & Anaphylaxis Emergency Care Plan this plan outlines recommended treatment in case of an allergic reaction	https://www.foodallergy.org/living-food-allergies/food-allergy-essentials/food-allergy-anaphylaxis-emergency-care-plan
Resource for Dietary Restriction	
1. this scholarly article introduces Plant-based Disaster Response Diets for emergency food. The result indicates Plant-based Disaster Response Diets are universally acceptable and tolerated across cultures and religions. Therefore, it is suggested that plant-based approach for creating DRDs for public health institutions and organizations	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4489367/
2. City Of Los Angeles Emergency Operations Plan With Mass Feeding Appendix	https://emergency.lacity.org/sites/g/files/wph1791/files/2021-04/mass_care_-_mass_feeding_appendix_2018.pdf
3. This PPT presentation includes different instructions for special dietary needs population, such as diabetics, chronic kidney disease, and etc, to cope with food and water shortages in disaster.	https://www.loudoun.gov/DocumentCenter/View/102958/Awareness-of-Nutritional-Needs-for-Emergencies-in-the-Community

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Chronic Medical Conditions (cont.)

Sub-Community: Other General Chronic Disease	
* National/ Federal Resources	
Resource For Alcohol Abuse	Link
1. Minnesota Department of Health Support groups / talk to disaster coordinator/workers about helping locating nearby alcohol or drug recovery group	https://www.health.state.mn.us/communities/ep/behavioral/alcoholafterdisaster.html
2. Post disaster alcohol consumption or use disorder	https://pubmed.ncbi.nlm.nih.gov/20921113/
3. Substance Abuse and Mental Health Services Administration (SAMHSA) Disaster Relief U.S. Department of health and human service has conclude 5 helplines for substance abuse including SAMHSA. The following website provides detailed information.	https://www.disasterassistance.gov/get-assistance/forms-of-assistance/4506
3. American addiction centers The association provides medically reviewed articles, resources, and information for special population.	https://rehab.com/addiction-in-special-populations/
1. Disaster Events and Services for Persons with Co-Occurring Substance Abuse and Mental Health Disorders disaster resources for "co-occurring" disorder	http://cretscmhd.psych.ucla.edu/nola/Video/MHR/CSAT/outreach/04-COCCEDisasterEventsText-SAMHSAapproved.pdf
Additional Resources	Link
1. Over-all plans with some detailed Examples	https://www.cdc.gov/reproductivehealth/features/disaster-planning-chronic-disease/index.html
2. Emergency Planning to Address Chronic Health Conditions in Missouri	https://health.mo.gov/living/healthcondiseases/chronic/chronicdisease/EmergencyPlanningReport.pdf
3. This scholar article highlights the importance of doing pre-disaster and post-disaster review	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2699450/

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Identifying the AFN Communities

Individuals with Pharmacological or Medical Supplies & Equipment Dependencies

- **Pharmacological Dependencies:** Per CDC, 45% of Americans take at least one Rx medication; 17% take 3+
- **Durable Medical Equipment (DME):** hospital beds and related accessories, wheelchairs and other mobility devices, nebulizers, CPAPs or BiPAPs, oxygen equipment, suction pumps, infusion pumps, lancet devices, etc.
- **Consumable Medical Supplies (CMS):** syringes, needles, tubing, catheters, PPE, sealants, adhesives, etc.

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Pharmacological/Medical Supplies & Equipment Dependencies

AFN-Community: PHARMACOLOGICAL DEPENDENCIES	
Sub-Community: Life-Sustaining Medication (LSM)	
Federal Resources	
Resource	Link
1. Information Regarding Insulin Storage and Switching Between Products in an Emergency	https://www.fda.gov/drugs/emergency-preparedness-drugs/information-regarding-insulin-storage-and-switching-between-products-emergency
2. Emergency Preparedness – Keeping Medications Safe	https://www.fda.gov/drugs/fda-drug-info-rounds-video/transcript-emergency-preparedness-keeping-medications-safe-feb-2016
* State Level Resources	
Resource	Link
2. Life Sustaining Equipment / Medication	https://www.dshs.wa.gov/sites/default/files/DDA/dda/documents/Life%20Sustaining%20Equipment.pdf
3. PATIENT CARE STRATEGIES FOR SCARCE RESOURCE SITUATIONS	https://dhss.alaska.gov/doh/Epi/Id/SiteAssets/Pages/HumanCoV/SOA_DHS_S_CrisisStandardsOfCare.pdf
4. Medications During Emergencies (Getting, Storing, Preserving)	https://cdphe.colorado.gov/medications-during-emergencies-getting-storing-preserving
5. Oxygen Users Disaster Evacuation Planning Guide	https://diversitypreparedness.org/~media/Files/diversitypreparedness/Oxygen_Disaster_Plan_US_handout.ashx?la=en

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Pharmacological/Medical Supplies & Equipment Dependencies (cont.)

Sub-Community: 1-3 or more Rx Medications	
* National/ Federal Resources	
Resource	Link
1. Center for Medicare and Medicaid Services (CMS) There are many services and resources that can help you get ready for, respond to, and recover from disasters and emergencies. Contact and Resources	https://www.cms.gov/About-CMS/Agency-Information/Emergency/EPRO/Resources/Resources-page
2. Getting care & drugs in disasters or emergencies	https://www.medicare.gov/what-medicare-covers/getting-care-drugs-in-disasters-or-emergencies
3. The Emergency Prescription Assistance Program	https://www.phe.gov/Preparedness/planning/epap/Pages/default.aspx
4. Topic Collection: Pharmacy	https://asprtracie.hhs.gov/technical-resources/53/pharmacy/47
5. Emergency Prescription Assistance Program (EPAP) Resources	https://asprtracie.hhs.gov/technical-resources/53/pharmacy/47#emcny-prescription-assistance-program-epap-resources
6. Maps open and closed pharmacies during disasters. The site also has locations of American Red Cross shelters and infusion centers in the affected communities.	http://www.rxopen.org/
7. How to Get Your Prescription Drugs During a Disaster	https://www.aarp.org/health/drugs-supplements/info-2017/emergency-prescriptions-hurricane-harvey-fd.html
8. Getting care & drugs in disasters or emergencies	https://www.medicare.gov/what-medicare-covers/getting-care-drugs-in-disasters-or-emergencies

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Pharmacological/Medical Supplies & Equipment Dependencies (cont.)

AFN-Community: MEDICAL SUPPLIES AND EQUIPMENT DEPENDENCIES	
Sub-Community: Durable Medical Equipment	
* National/ Federal Resources	
Resource	Link
1. Durable Medical Equipment in Disasters	https://files.asprtracie.hhs.gov/documents/aspr-tracie-durable-medical-equipment-in-disasters.pdf
2. Durable medical equipment (DME) coverage	https://www.medicare.gov/coverage/durable-medical-equipment-dme-coverage
3. The HHS emPOWER Program, a partnership of ASPR and the Centers for Medicare and Medicaid Services, provides data and mapping tools, training and resources, to help protect the health of the communities Medicare beneficiaries who live independently and rely on electricity-dependent durable medical and assistive equipment and devices.	https://empowerprogram.hhs.gov/Program-Fact-Sheet.pdf
4. The HHS emPOWER Map, emPOWER AI, emPOWER REST Service, and emPOWER Emergency Planning Deidentified Dataset provide monthly de-identified totals of Medicare claims submitted for reimbursement for these DME and devices	https://empowerprogram.hhs.gov/Quick-Data-Reference-Guide.pdf
5. Emergency Power Planning for People Who Use Electricity and Battery Dependent Assistive Technology and Medical Devices	https://www.adapacific.org/assets/documents/emergency-power-planning-factsheet-revised-5.2018.pdf

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Pharmacological/Medical Supplies & Equipment Dependencies (cont.)

Sub-Category: Consumable Medical Supplies	
* National/ Federal Resources	
Resource	Link
1. Emergency preparedness planning requires a wide variety of supplies, equipment and resources. ... Planning for medical-surgical supplies during a disaster.	https://www.premiersafetyinstitute.org/safety-topics-az/emergency-preparedness/products-equipment-emergency-preparedness/
2. Asper Tracie healthcare coalition is developing a uniform regional healthcare disaster equipment/supply list for their acute care hospital	https://files.asprtracie.hhs.gov/documents/aspr-tracie-ta-hospital-disaster-supplies-7-6-16-508.pdf
3. Emergency Preparedness and Response Strategic National Stockpile	https://www.phe.gov/about/sns/Pages/Emergency-Preparedness-and-Response.aspx
* State Level Resources	
Resource	Link
1. Medical Supplies Management and Distribution is the capability to procure and maintain pharmaceuticals and medical materials prior to an incident and to transport, distribute, and track these materials during an incident	https://www.ema.ohio.gov/documents/pdfs/Target_Capabilities/TCL_Medical_Supplies_Mgt_May_2008.pdf
* Local Level Resources	
Resource	Link
1. THE EMERGENCY PREPAREDNESS PROFESSIONAL'S GUIDE, Planning for Hospital Supply Line Disruptions	https://www.sscor.com/planning_for_hospital_supply_line_disruptions

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Identifying the AFN Communities

Individuals with Medical Service Dependencies

- Family, friend or informal (unpaid) caregiver dependent
- Formal (paid) caregiver dependent
- Service animal dependent
- Home Health Services dependent
- Hospice Services dependent
- Institutionalized and long term non-acute care dependent
- Long term acute care dependent
- Electrical power for medical devices, refrigeration for medication, temperature control requirements (HVAC)

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Medical Service Dependencies

AFN-Community: MEDICAL SERVICE DEPENDENCIES	
Sub-Community: Electrical Service Dependent (DME, HVAC, Rx,refridgeration)	
* National/ Federal Resources	
Resource	Link
1. Medicare Electricity-Dependent Populations by Geography	https://empowermap.hhs.gov/
2. Information Regarding Insulin Storage and Switching Between Products in an Emergency	https://www.fda.gov/drugs/emergency-preparedness-drugs/information-regarding-insulin-storage-and-switching-between-products-emergency?ncid=edlinkushpmg00000313
3. Home Use Devices How to prepare for and Handle Power Outages for Medical Devices that Require Electricity	https://www.fda.gov/media/80782/download
4. FDA Offers Tips about Medical Devices and Hurricane Disasters	https://www.fda.gov/medical-devices/emergency-situations-medical-devices/fda-offers-tips-about-medical-devices-and-hurricane-disasters
5. Safe Drug Use After a Natural Disaster	https://www.fda.gov/drugs/emergency-preparedness-drugs/safe-drug-use-after-natural-disaster
6. Power Outages	https://www.ready.gov/power-outages
* State Level Resources	
Resource	Link
1. Emergency Power Planning for People Who Use Electricity and Battery-Dependent Assistive Technology and Medical Devices	https://adata.org/factsheet/emergency-power

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Medical Service Dependencies (cont.)

Sub-Community: Dependent Upon Family / Friend Caregiver	
* National/ Federal Resources	
Resource	Link
1. Preparing for Disaster for People with Disabilities and other Special Needs \$S	https://www.redcross.org/content/dam/redcross/atg/PDF_s/Preparedness_Disaster_Recovery/General_Preparedness_Recovery/Home/AA497.pdf
2. CAREGIVERS RESOURCES: A caregiver gives care to someone who needs help taking care of themselves	https://medlineplus.gov/caregivers.html
3. HEALTHYLIVINGTIPS Family Caregivers and Transportation: A Few Survival Tips	https://acl.gov/sites/default/files/news%202017-03/HealthyLivingTips_Transport_SurvivalTips.pdf
* State Level Resources	
Resource	Link
1. Preparedness for Access & Functional Needs All individuals, including people with disabilities, should take the time before a disaster to plan for survival at home, in a shelter, or elsewhere in the event of an actual emergency.	https://oes.tularecounty.ca.gov/oes/preparedness/preparedness-for-special-needs/
2. EMERGENCY PLANNING CHECKLIST RECOMMENDED TOOL FOR PERSONS IN LONG-TERM CARE FACILITIES & THEIR FAMILY MEMBERS, FRIENDS, PERSONAL CAREGIVERS, GUARDIANS & LONG-TERM CARE OMBUDSMEN	https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/SurveyCertEmergPrep/Downloads/SandC_EPChecklist_Persons_LTCFacilities_Ombudsmen.pdf
3. Taking Care of YOU: Self-Care for Family Caregivers	https://www.caregiver.org/resource/taking-care-you-self-care-family-caregivers/
4. Resources for Family Caregivers' Bereavement During the Pandemic	https://www.voycestl.org/blog/resources-for-family-caregivers-bereavement-during-the-pandemic/?gclid=EAlaQobChMwNn6j8HF9qIVXB6tBh3pjheEAMYASAAEgJ

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Medical Service Dependencies (cont.)

Sub-Category: Dependent Upon Service Animals	
* National/ Federal Resources	
Resource	Link
1. Pet Safety in Emergencies	https://www.cdc.gov/healthypets/keeping-pets-and-people-healthy/emergencies.html
2. ASSISTANCE ANIMALS For some persons with disabilities, an assistance animal may be necessary to afford them equal housing opportunity.	https://www.hud.gov/program_offices/fair_housing_equal_opp/assistance_animals
3. Emergency Preparedness for your Service Animal or Pet	https://www.surpriseaz.gov/DocumentCenter/View/2918/Emergency-Preparedness-for-your-Service-Animal-or?bidid=
* State Level Resources	
Resource	Link
1. Prepare Your Pets for Disasters	https://www.ready.gov/pets
2. Service Animals in Emergency Situations	https://adata.org/service-animal-resource-hub/emergencies
3. Hospital Decontamination System and Decontamination Methods for Assistance Dogs that Accompany Incoming Disaster Victims	https://www.urmc.rochester.edu/MediaLibraries/URMCMedia/flrtc/documents/Hospital-Decon-for-Service-K9s-Gordon.pdf
4. Understanding How to Accommodate Service Animals in Healthcare Facilities	https://www.phe.gov/Preparedness/planning/abc/Pages/service-animals.aspx
5. Aiding Individuals with Service Animals During an Emergency	https://www.dol.gov/agencies/odep/publications/reports/aiding-individuals-with-service-animals-during-an-emergency

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Medical Service Dependencies (cont.)

Sub-Category: Dependent Upon Home Health Services	
* National/ Federal Resources	
Resource	Link
1. Homecare and Hospice	https://asprtracie.hhs.gov/technical-resources/51/homecare-and-hospice/47
2. Disaster Planning Guide for Home Health Care Providers	https://ndocsoftware.com/wp-content/uploads/2017/09/Disaster-Planning-Guide-for-Home-Health-Care-Providers.pdf
* State Level Resources	
Resource	Link
1. EMERGENCY PREPAREDNESS PACKET FOR HOME HEALTH AGENCIES	https://www.nahc.org/wp-content/uploads/2017/10/EP_Binder.pdf
Emergency Preparedness Rule Templates	https://leadingage.org/emergency-preparedness-rule-templates-0
2. PATIENT AND FAMILY EMERGENCY PREPAREDNESS A Resource Toolkit for Home Care and Hospice (Best Practise)	https://issuu.com/hcanys/docs/emergency_preparedness_toolkit
3. Emergency preparedness rule provider resources home health	https://cdphe.colorado.gov/emergency-preparedness-rule-provider-resources-home-health

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Medical Service Dependencies (cont.)

Sub-Category: Dependent Upon Hospice Services	
* National/ Federal Resources	
Resource	Link
1. The National Association for Home Care & Hospice (NAHC) Emergency Preparedness Workgroup was established to develop an all hazards emergency preparedness plan to be used by home care and hospice providers.	http://www.nahc.org/wp-content/uploads/2017/10/EP_Binder.pdf
2. EMERGENCY PREPAREDNESS FRO HOSPICE PROVIDERS	https://metrolinapreparedness.org/wp-content/uploads/2017/03/Emergency_Preparedness_for_Hospice_1.pdf
3. HOSPICE & EMERGENCY PREPAREDNESS: Experiences from the Field	https://files.asprtracie.hhs.gov/documents/aspr-tracie-hospice-and-emergency-preparedness.pdf
* State Level Resources	
Resource	Link
1. CMS EMERGENCY PREPAREDNESS RULE TOOLKIT: HOSPICES	https://www.dhs.wisconsin.gov/publications/p01948h.pdf
2. Emergency Preparedness Rule Templates	https://leadingage.org/emergency-preparedness-rule-templates-0
3. PATIENT AND FAMILY EMERGENCY PREPAREDNESS A Resource Toolkit for Home Care and Hospice (Best Practise)	https://issuu.com/hcanys/docs/emergency_preparedness_toolkit
4. Hospice Patient Evacuation: A Case for Using a Checklist for Safe Disaster Response	https://www.researchgate.net/profile/Sandra-Blanke-2/publication/236083950_Hospice_Patient_Evacuation_A_Case_for_Using_a_Checklist_for_Safe_Disaster_Response/links/54d23d5d0c28e069723b54b/Hospice-Patient-Evacuation-A-Case-for-Using-a-Checklist-for-Safe-Disaster-Response.pdf

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Medical Service Dependencies (cont.)

Sub-Category: Institutionalized (non-medical)	
* National/ Federal Resource	
Resource	Link
1. Preserving Our Freedom: Ending Institutionalization of People with Disabilities During and After Disaster	https://ncd.gov/sites/default/files/NCD_Preserving_Our_Freedom_508.pdf
2. Emergency Preparedness for Army Community	https://ready.army.mil/RA%20Booklet%20(24%20JUL%2014).pdf
3. Access-based needs: All people must have access to certain resources, individuals who live in institutional settings, individuals from diverse cultures, ...	https://www.phe.gov/Preparedness/planning/abc/Pages/atrisk.aspx
* State Level Resource	
Resource	Link
1. How to prepare for emergencies in your correctional facility ahead of time	https://www.corrections1.com/products/communications/emergency-response/articles/how-to-prepare-for-emergencies-in-your-correctional-facility-ahead-of-time-xosIXTurk6gNLwRJ/
2. Institutional Emergency Preparedness Plan	https://policies.tbr.edu/guidelines/institutional-emergency-preparedness-plan
3. Action Guide for Emergency Management at Institutions of Higher Education	https://sites.ed.gov/whhbcu/files/2022/02/Emergency-Management-Guide-HIher-Ed.pdf
4. California's Standardized Emergency Management System (SEMS), ... This includes people with disabilities, living in institutional settings	https://www.cityofsacramento.org/-/media/Corporate/Files/Emergency-Services/2018-City-of-Sacramento-Emergency-Operations-Plan.pdf?la=en

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Medical Service Dependencies (cont.)

Sub-Category: Long Term Care Dependent (sub-acute)	
* National/ Federal Resource	
Resource	Link
1. ASPR TRACIE Brought to you by HHS ASPR, the Technical Resources, Assistance Center, and Information Exchange (TRACIE)	https://asprtracie.hhs.gov/
2. Topic Collection: Long-term Care Facilities	https://asprtracie.hhs.gov/technical-resources/52/long-term-care-facilities/47
3. Long Term Care Requirements CMS Emergency Preparedness Final Rule	https://files.asprtracie.hhs.gov/documents/aspr-tracie-cms-ep-rule-long-term-care.pdf
4. EMERGENCY PLANNING CHECKLIST RECOMMENDED TOOL FOR PERSONS IN LONG-TERM CARE FACILITIES & THEIR FAMILY MEMBERS, FRIENDS, PERSONAL CAREGIVERS, GUARDIANS & LONG-TERM CARE OMBUDSMEN	https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/SurveyCertEmergPrep/Downloads/SandC_EPChecklist_Persons_LTCFacilities_Ombudsmen.pdf
5. 7 Steps to Better Disaster Preparedness in Your Long-Term Care Facility	https://www.iadvanceseniorcare.com/7-steps-to-better-disaster-preparedness-in-your-long-term-care-facility/
6. Centers for Medicare and Medicaid Services (CMS) Emergency Preparedness Requirements by Provider Type	https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/SurveyCertEmergPrep/Downloads/EP-Rule-Table-Provider-Type.pdf
7. Disaster Planning Tips for Older Adults and their Families	https://www.cdc.gov/aging/pdf/disaster_planning_tips.pdf
8. Evacuating Populations with Special Needs	https://ops.fhwa.dot.gov/publications/fhwahop09022/fhwahop09022.pdf

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Medical Service Dependencies (cont.)

Sub-Community: Long Term Acute Care Dependent	
* National/ Federal Resources	
Resource	Link
1. Planning Resources by Setting: Long-term, Acute, and Chronic Care	https://www.cdc.gov/cpr/readiness/healthcare/longtermcare.htm
* State Level Resources	
Resource	Link
1. Hospitals and Acute Care Facilities Crisis Standards of Care: A Systems Framework for Catastrophic Disaster Response.	https://www.ncbi.nlm.nih.gov/books/NBK201068/
2. Nursing Home Incident Command System	https://www.cahfdisasterprep.com/nhics
3. This app. has been designed by the California Association of Health Facilities - Disaster Preparedness Program (CAHF-DPP) for California's long-term care providers.	https://www.cahfdisasterprep.com/dpapp
4. EMERGENCY PREPAREDNESS PLANNING for Nursing Homes and Residential Care Settings in Vermont	https://static1.squarespace.com/static/5d8edd7dc94ab670239a0fb94/60ad5bee31df521e1f12e6e6/1621974000615/Emergency_Preparedness_Planning+for+LTC_Vermont.pdf
5. Emergency preparedness rule provider resources assisted living residences	https://cdphe.colorado.gov/emergency-preparedness-rule-provider-resources-assisted-living-residences
* Local Resources	
Resource	Link
1. Los Angeles County Disaster Preparedness Resource Guide: Los Angeles County Disaster Preparedness for Long-Term Care Health Facilities	http://www.cahf.org/Portals/29/DisasterPreparedness/EOPs/CAHF_LAResourceGuide_Final.pdf

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Identifying the AFN Communities

Significant Injury and Illness

- Physical trauma: critical, severe and serious
- Burns, 3rd + degree
- Highly Infectious and/or communicable diseases: HIV/AIDS, TB, pneumonia, flu, STDs, hepatitis
- Non-communicable diseases: heart disease, stroke, cancer, respiratory diseases, diabetes
- Emerging Infectious Diseases: COVID-19; others include Ebola, MERS, Swine Flu, Bird Flu, Zika
- Individuals at Higher Risk for Severe Illness after Exposure to EIDs and Communicable Diseases

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Significant Injury or Illness

AFN-Community: SIGNIFICANT INJURY OR ILLNESS	
Sub-Community: Burns 3rd + Degree	
* National/ Federal Resources	
Resource	Link
1. Overview of the management of the severely burned patient	https://www.uptodate.com/contents/overview-of-the-management-of-the-severely-burned-patient
2. The Emergency Management and Treatment of Severe Burns	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3195355/
3. Understanding Burn Care	http://brc.laff.org/emergency-care-for-burns.html
Sub-Community: Physical Trauma	
* National/ Federal Resources	
Resource	Link
1. Hospital Surge Capacity and Immediate Bed Availability for Trauma Patients	https://asprtracie.hhs.gov/technical-resources/58/hospital-surge-capacity-and-immediate-bed-availability/0
2. Types of Traumatic Injuries and Injury Severity Score	https://ufhealth.org/traumatic-injury
3. Trauma Service Primary and secondary survey	https://www.rch.org.au/trauma-service/manual/primary-and-secondary-survey/

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Significant Injury or Illness (cont.)

Sub-Community: Psychological Trauma	
* National/ Federal Resources	
Resource	Link
1. SAMHSA's Disaster Distress Helpline provides 24/7, 365-day-a-year crisis counseling and support to people experiencing emotional distress related to natural or human-caused disasters	https://www.samhsa.gov/find-help/disaster-distress-helpline
2. Disaster Behavioral Health: Federal Response and Assets	https://www.phe.gov/Preparedness/planning/abc/Pages/DBH-federal.aspx
3. Disaster Behavioral Health	https://www.phe.gov/Preparedness/planning/abc/Pages/disaster-behavioral.aspx
4. Resources Specific to Emergency/Crisis and Disaster Settings	https://www.acf.hhs.gov/trauma-toolkit/emergency-crisis-and-disaster
5. Disaster behavioral health is the provision of mental health, substance abuse, and stress management services to disaster survivors and responders.	https://www.phe.gov/Preparedness/planning/abc/Documents/disaster-behavioral-health.pdf
* State Level Resources	
1. Coping After Disaster	https://psychiatry.org/patients-families/coping-after-disaster-trauma
2. Crisis Response- Crisis Preparedness	https://www.cde.ca.gov/lr/ss/cp/crisisresp.asp

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Significant Injury or Illness (cont.)

Sub-Community: Emerging Infectious Disease (General Infectious Disease Emergency Response (IDER) such as Lyme, Dengue, Hantavirus, West Nile, and Zika), HIV /AIDS , and E. coli	
* National/ Federal Resources	
Resource	Link
1. Dengue: Guidelines for Diagnosis, Treatment, Prevention and Control: New Edition	https://www.ncbi.nlm.nih.gov/books/NBK143158/
2. Dengue case management	https://www.cdc.gov/dengue/resources/dengue-clinician-guide_508.pdf
3. Lyme Disease Updates and New Educational Tools for Clinicians	https://emergency.cdc.gov/coca/bpt/2021/052021_Lyme_Disease_Slides.pdf
4. CDC resource for West Nile virus	https://www.cdc.gov/westnile/index.html
5. Zika Outbreak Emergency Preparedness and Response of Malaysian Private Healthcare Professionals: Are They Ready?	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6462960/
6. Zika Response & Success Stories	https://www.cdc.gov/about/24-7/cdresponders-zika/index.html
7. CDC resource for hantavirus infection	https://www.cdc.gov/hantavirus/technical/hps/treatment.html
8. this article talks about the preventing and controlling facts of infectious diseases after natural disaster. The risk factor figure in this article is a good resource for emergency manager.	https://unu.edu/publications/articles/preventing-and-controlling-infectious-diseases-after-natural-disasters.html#info
8. GUIDELINES for HIV/AIDS interventions in emergency settings	https://data.unaids.org/publications/external-documents/lasc_guidelines-emergency-settings_en.pdf

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Identifying the AFN Communities

Women Who are Pregnant

U.S. Census Bureau: 3% to 4% of nation's women are pregnant (5-6MM) at any given time

- High Risk, 3rd trimester: 2% of all pregnancies
- High Risk, 1st and 2nd trimesters: 5%
- Low to Moderate Risk, 3rd trimester: about 25%
- Low to Moderate Risk, 1st/2nd trimesters: about 70%
- (Approx. 33% terminate thru miscarriage or abortion)

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Women Who are Pregnant

Sub-Community: High Risk 1st and 2nd Trimester	
* National/ Federal Resources	
Resource	Link
1. FIRST RESPONDERS: Support for Pregnant Survivors of Abuse or Rape During Disasters	https://www.phe.gov/Preparedness/planning/abc/Documents/first-responder-factsheet.pdf
2. Disasters and Perinatal Health: A Systematic Review	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3472448/
3. Immediate Needs and Concerns among Pregnant Women During and after Typhoon Haiyan (Yolanda)	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4743840/
* State Level Resources	
Resource	Link
1. Preparedness for Moms-Packing and Planning for Disasters while Pregnant	https://www.acf.hhs.gov/archive/ohsepr/fact-sheet/infographic-preparedness-moms-packing-and-planning-disasters-while
2. Emergency Preparedness for Pregnant Women	https://www.floridahealth.gov/programs-and-services/womens-health/pregnancy/emergency-prep-pregnant-women.html
3. Statewide Telehealth Program Enhances Access to Care, Improves Outcomes for High-Risk Pregnancies in Rural Area	https://psnet.ahrq.gov/innovation/statewide-telehealth-program-enhances-access-care-improves-outcomes-high-risk
* Local Level Resources	
Resource	Link
1. For Parents with High-Risk Pregnancies	https://www.chla.org/fetal-maternal-center

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Women Who are Pregnant (cont.)

AFN-Community: PREGNANCIES	
Sub-Community: High Risk 3rd Trimester	
* National/ Federal Resources	
Resource	Link
1. High-risk pregnancy	https://www.ucsfhealth.org/conditions/high-risk-pregnancy
2. High-Risk Pregnancy Resources & Support	https://www.ucsfhealth.org/conditions/high-risk-pregnancy/support
3. Telehealth and high risk pregnancy	https://telehealth.hhs.gov/providers/telehealth-for-maternal-health-services/telehealth-and-high-risk-pregnancy/
* State Level Resources	
Resource	Link
1. Disaster settings: Care of pregnant patients	https://www.uptodate.com/contents/disaster-settings-care-of-pregnant-patients#H538631140
2. People who are pregnant	https://www.cdc.gov/coronavirus/2019-ncov/vaccines/recommendations/pregnancy.html#anchor_1628692562866
3. Statewide Telehealth Program Enhances Access to Care, Improves Outcomes for High-Risk Pregnancies in Rural Area	https://psnet.ahrq.gov/innovation/statewide-telehealth-program-enhances-access-care-improves-outcomes-high-risk
* Local Level Resources	
Resource	Link
1. For Parents with High-Risk Pregnancies	https://www.chla.org/fetal-maternal-center

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Women Who are Pregnant (cont.)

Sub-Community: High Risk 1st and 2nd Trimester	
* National/ Federal Resources	
Resource	Link
1. FIRST RESPONDERS: Support for Pregnant Survivors of Abuse or Rape During Disasters	https://www.phe.gov/Preparedness/planning/abc/Documents/first-responder-factsheet.pdf
2. Disasters and Perinatal Health: A Systematic Review	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3472448/
3. Immediate Needs and Concerns among Pregnant Women During and after Typhoon Haiyan (Volanda)	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4743840/
* State Level Resources	
Resource	Link
1. Preparedness for Moms-Packing and Planning for Disasters while Pregnant	https://www.acf.hhs.gov/archive/ohsepr/fact-sheet/infographic-preparedness-moms-packing-and-planning-disasters-while
2. Emergency Preparedness for Pregnant Women	https://www.floridahealth.gov/programs-and-services/womens-health/pregnancy/emergency-prep-pregnant-women.html
3. Statewide Telehealth Program Enhances Access to Care, Improves Outcomes for High-Risk Pregnancies in Rural Area	https://psnet.ahrq.gov/innovation/statewide-telehealth-program-enhances-access-care-improves-outcomes-high-risk
* Local Level Resources	
Resource	Link
1. For Parents with High-Risk Pregnancies	https://www.chla.org/fetal-maternal-center

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AGE-RELATED Needs & Restrictions

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Identifying the AFN Communities

Pediatrics

U.S. Census Bureau: 24% of the population (nearly 80MM) is under the age of 18; all need parent/guardian for Informed Consent

- Preterm Babies/NICU: 10% are born before the 37th week
- Neonatal (birth to 1 month): 1/10th of 1%
- Infants and Toddlers (1 month to 2 years old): 2%
- Children (2 to 12 years old): 13%
- Adolescents (12 to 18 years old): 8%
- Minors with Physical Disorders, Intellectual/Developmental or Behavioral/Emotional Issues, Sensory Impairments: 13%

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Pediatrics

AFN-Community: MINORS (PEDIATRICS)	
Sub-Community: Preterm Babe	
* National/ Federal Resources	
Resource	Link
1. Disaster Preparedness in Neonatal Intensive Care Units	https://publications.aap.org/pediatrics/article/139/5/e20170507/38725/Disaster-Preparedness-in-Neonatal-Intensive-Care
2. Immediate care of the preterm infant	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC521580/
* State Level Resources	
Resource	Link
1. A guide to assist NICU Professionals and Emergency Planners in their planning and preparation for evacuations	Neonatal Intensive Care Unit (NICU) Evacuation Guidelines
Sub-Community: Neonatal (Birth- 1 month)	
* National/ Federal Resources	
Resource	Link
1. Disaster Preparedness in Neonatal Intensive Care Units	https://www.cdc.gov/childrenindisasters/pdf/CRDisasterPreparednessinNICUs.pdf
2. INFANT FEEDING IN DISASTERS AND EMERGENCIES	https://downloads.aap.org/AAP/PDF/DisasterFactSheet6-2020.pdf
3. NICU and Pediatric - Evacuation-Specific Resources. Section I in this document includes resources specific to evacuation and NICUs/ pediatrics. Section II provides materials specific to women and obstetrics.	https://files.asprtracie.hhs.gov/documents/aspr-tracie-ta-nicu-and-ob-evacuation-resources-2-14-19.pdf

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Pediatrics (cont.)

Sub-Community: Infants and Toddlers (1 month - 2 years)	
* National/ Federal Resources	
Resource	Link
1. National Association of State EMS Officials (NASEMSO) Checklist for Pediatric Preparedness	https://media.emscimprovement.center/documents/NASEMSO_Pediatric_Disaster_Preparedness_Checklist_Tool_2014_final.pdf
2. INFANT FEEDING IN DISASTERS AND EMERGENCIES	https://downloads.aap.org/AAP/PDF/DisasterFactSheet6-2020.pdf
3. HHS Maternal-Child Health Emergency Planning Toolkit	https://www.phe.gov/Preparedness/planning/abc/mch-planning-toolkit/Documents/MCH-Emergency-Plng-Toolkit-508.pdf
4. Resources and information on how to help with disaster. This includes a list of organizations that help those in need, information on how to talk to young children about disasters they learn about in the media, preparedness for child care, preschool programs in the U.S, information about helping children during and after a disaster	https://www.naeyc.org/resources/topics/coping-disasters
5. Children In Disasters: Emergency Planners and Responders	https://www.cdc.gov/childrenindisasters/emergency-responders.html
6. Children's Emergency Preparedness: Why CDC Makes It a Priority	https://www.cdc.gov/childrenindisasters/why-cdc-makes-it-a-priority.html
7. Disaster Planning: Infant and Child Feeding	https://www.cdc.gov/nccdphp/dnpao/features/disasters-infant-feeding/index.html?CDC_AA_reVal=https%3A%2F%2Fwww.cdc.gov%2Ffeatures%2Fdisasters-infant-feeding%2Findex.html
8. HHS Maternal-Child Health Emergency Planning Toolkit	https://www.phe.gov/Preparedness/planning/abc/mch-planning-toolkit/Documents/MCH-Emergency-Plng-Toolkit-508.pdf

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Pediatrics (cont.)

Sub-Community: Children (2 years - 12 years)	
* National/ Federal Resources	
Resource	Link
1. Resources and information on how to help with disaster. This includes a list of organizations that help those in need, information on how to talk to young children about disasters they learn about in the media, preparedness for child care, preschool programs in the U.S, information about helping children during and after a disaster	https://www.naeyc.org/resources/topics/coping-disasters
2. Children In Disasters: Emergency Planners and Responders	https://www.cdc.gov/childrenindisasters/emergency-responders.html
3. Children's Emergency Preparedness: Why CDC Makes It a Priority	https://www.cdc.gov/childrenindisasters/why-cdc-makes-it-a-priority.html
4. Disaster Planning: Infant and Child Feeding	https://www.cdc.gov/nccdphp/dnpao/features/disasters-infant-feeding/index.html?CDC_AA_reVal=https%3A%2F%2Fwww.cdc.gov%2Ffeatures%2Fdisasters-infant-feeding%2Findex.html
5. HHS Maternal-Child Health Emergency Planning Toolkit	https://www.phe.gov/Preparedness/planning/abc/mch-planning-toolkit/Documents/MCH-Emergency-Plng-Toolkit-508.pdf
* State Level Resources	
Resource	Link
1. Be a Ready Kid! Emergencies and disasters can be scary, but there are ways to help you stay safe before, during, and even after a disaster	https://www.ready.gov/kids/be-ready-kids
2. TNOYS' Emergency Response Resource Center is a compilation of relevant information for stakeholders, including TNOYS members, other youth service providers, and first responders, as they work to keep youth and families safe during natural disasters and emergencies	http://tnoys.org/emergency-response-resource-center/#keeping-children-and-youth-safe

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Pediatrics (cont.)

Sub-Community: Adolescents (12 years - 18 years)	
* National/ Federal Resources	
Resource	Links
1. Emergency Planning with Children	https://www.fema.gov/emergency-managers/individuals-communities/children
2. Youth Preparedness Catalog Disaster Preparedness Education Programs and Resources	https://www.ready.gov/sites/default/files/2019-06/youth_preparedness_catalog_508.pdf
3. YOUTH PREPAREDNESS: Implementing A Community-Based Program	https://www.ready.gov/sites/default/files/2019-06/youth_preparedness_implementing_a_community_based_program.pdf
4. EMERGENCY PLANNING: For Juvenile Justice Residential Facilities	https://www.ojp.gov/pdffiles1/ojido/234936.pdf
5. Disaster Preparedness for Children and Youth with Special Health Care Needs	https://www.aap.org/en/patient-care/disasters-and-children/professional-resources-for-disaster-preparedness/preparedness-for-children-and-youth-with-special-health-care-needs/
6. Everybody Has a Role—including Teens	https://www.ready.gov/kids/teens
* State Level Resources	
Resource	Link
1. A child-centered narrative on the process of preparing a kit for emergencies	https://aac-recr.psu.edu/images/file/BillyBuildsakit-storybook2.pdf

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Identifying the AFN Communities

Senior Citizens / Older Adults

U.S. Census Bureau: 15% of population (50MM) is 65 or older. At 65, half have AFN. By 80, nearly all have AFN and most have at least one severe disability.

- **Activities of Daily Living (ADL):** Issues with eating, bathing, dressing, toileting, mobility, continence.
- **Instrumental Activities of Daily Living (IADL):** Issues with shopping, housecleaning, managing finances and medications, making and keeping appointments.

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Senior / Older Adults

Sub-community: Many Older Adults (Geriatrics)

Sub-Category: Resource for Most Older Adults

* National/ Federal resource

Resource	Link
1. This article highlights prominent facts make older adults vulnerable to disaster	https://www.heraldoopenaccess.us/openaccess/elderly-people-with-disabilities-and-natural-disasters-vulnerability-of-seniors-and-post-trauma
2. This pamphlet provides additional information for the elderly and people with special medical concerns that could hinder mobility during a disaster. It can be downloaded for free from the Red Cross web site. The pamphlet is available in the following languages: English, Chinese, Japanese, Korean, Spanish, Tagalog, and Vietnamese.	https://www.redcross.org/get-help/how-to-prepare-for-emergencies/older-adults.html
3. Disaster Planning Toolkit for the Elderly and Special Needs Persons	https://www.acep.org/globalassets/uploads/uploaded-files/acep-by-medical-focus/disaster/disaster-planning-toolkit-for-special-needs-and-the-elderly-06131.pdf
4. Prepare For Emergencies Now: Information For Older Americans	https://www.ready.gov/sites/default/files/2020-03/ready_prepare-now-seniors.pdf
5. Disaster Preparedness Tips for Seniors	https://www.aging.ca.gov/Providers_and_Partners/Area_Agencies_on_Aging/Disaster_Preparedness/Disaster_Tip_Sheets/
6. Public Health Emergency Disaster Preparedness Planning for Older Adults	https://www.phe.gov/Preparedness/planning/abc/Pages/older-adults.aspx
7. Disaster Preparedness: A Complete Guide for Seniors	https://aging.com/disaster-preparedness-for-seniors/

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Senior / Older Adults (cont.)

Sub-Community: Older Adults (Ages 65+) With Significant ADL Issues

* National/ Federal Resources

Resource	Link
1. Older Adults and Disasters How to Be Prepared and Assist Others	https://www.apa.org/pi/aging/resources/older-adults-disasters.pdf
2. Emergency Preparedness for Older Adults and People with Disabilities with individual/service provider/community best practice	https://acl.gov/emergencypreparedness

Sub-Community: Older Adults (Ages 65+) With Significant IADL Issues

* National/ Federal Resources

Resource	Link
1. Disaster Planning Tips for Older Adults and their Families	https://www.cdc.gov/aging/pdf/disaster_planning_tips.pdf

* Local Level Resources

Resource	Link
Get About provides transportation for seniors (over 60 years) and disabled residents of Claremont, La Verne, Pomona, and San Dimas.	https://www.findhelp.org/agingnext-claremont-ca-get-about/6250813384294400?postal=91766

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CULTURAL, RACIAL & ETHNIC, RELIGIOUS, LANGUAGE, IMMIGRATION/REFUGEE STATUS, and SOCIOECONOMIC Needs & Restrictions

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Identifying the AFN Communities

Race and Ethnicity

National Geographic (and others):

- **Race** is usually associated with biology and linked with physical characteristics such as skin color or hair texture. In short, *Race* is an inherited characteristic.
- **Ethnicity** is defined by geographic origin, shared language and religion, similar cultural expression and self-identification. In short, *Ethnicity* is a learned trait. (Ethnicity can be any race)
- Both **Race** and **Ethnicity** are social constructs used to categorize and characterize seemingly distinct populations.

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Identifying the AFN Communities (cont.)

Racial and Ethnic Groups in the U.S.

IPUMS-USA and U.S. Census Bureau:

	<u>LA County</u>	<u>CA</u>	<u>US</u>
Latino or Hispanic (<i>ethnicity</i>)	48%	39%	18%
White or Caucasian	26	36	60
Asian	15	15	6
African American or Black	8	6	13
Multiracial	3	3	3
Native American/Alaskan	1	1	1
Hawaiian/Pacific Islander	<1	<1	<1

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Racial and Ethnic Groups

Sub-Community: Race & Ethnicity	
* National/ Federal Resources	
Resource	Link
1. Discrimination on the Basis of Race, Color, or National Origin	https://www.hhs.gov/civil-rights/for-individuals/race/index.html
2. FEMA Defines Equity in its Mission of Making Programs More Accessible	https://www.fema.gov/press-release/20210909/fema-defines-equity-its-mission-making-programs-more-accessible
3. disaster management, ... Collecting and analyzing information about the race, color, national origin, ...	https://www.justice.gov/crt/fcs/EmergenciesGuidance
4. Emergency Management Equity	https://www.fema.gov/emergency-managers/national-preparedness/equity
5. Equity	https://www.fema.gov/emergency-managers/national-preparedness/equity
6. Disparity in disaster preparedness between racial/ethnic groups	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5314923/
7. Disparity in disaster preparedness between racial/ethnic groups	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5314923/
* State Level Resources	
Resource	Link
1. Racial Equity Impact Assessment	https://www.raceforward.org/sites/default/files/RacialJusticeImpactAssessment_v5.pdf
2. Embedding Equity Into Disaster Preparedness Efforts in Child Welfare	https://www.childwelfare.gov/pubPDFs/equity_disaster_preparedness.pdf

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Racial and Ethnic Groups (cont.)

Sub-Category: White or Caucasian (not Hispanic or Latino)	
* National/ Federal Resources	
Resource	Link
1. Discrimination on the Basis of Race, Color, or National Origin	https://www.hhs.gov/civil-rights/for-individuals/race/index.html
* State Level Resources	
Resource	Link
1. Racism in the United States	https://en.wikipedia.org/wiki/Racism_in_the_United_States
2. White Americans	https://en.wikipedia.org/wiki/White_Americans
Sub-Category: Latino or Hispanic ethnicity (may be any race)	
* National/ Federal Resources	
Resource	Link
1. Discrimination on the Basis of Race, Color, or National Origin	https://www.hhs.gov/civil-rights/for-individuals/race/index.html
2. Hispanic/Latino	https://www.samhsa.gov/behavioral-health-equity/hispanic-latino
3. Improving Latino disaster preparedness using social networks	https://pubmed.ncbi.nlm.nih.gov/19944917/
* State Level Resources	
Resource	Link
1. Pew Research Center: Demographic and Economic Profiles of Hispanics by State and County	https://www.pewresearch.org/hispanic/states/

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Identifying the AFN Communities

Cultural Needs and Restrictions

- Culture represents the shared beliefs, traditions and value systems that unify and identify a particular societal group
- May also include a common language or dialect, similar behavioral norms and moral values, common religion, arts and cuisine, societal practices, rituals and political beliefs
- Sociologists believe there are some 4 to 7 thousand active cultures worldwide; nearly all are represented in the U.S.

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Identifying the AFN Communities (cont.)

Different Layers of Culture:

- Eastern Culture / Western Culture (Oriental / Occidental)
- Religious: Cultures of Christianity, Judaism, Islam, etc.
- Political: Cultures of Democracy, Socialism, Monarchy, etc.
- Language: Anglican-American, Hispanic, etc.
- Continental Cultures: European Culture, Asian Culture, etc.
- National Cultures: American, English, German, etc.
- Evolving/Blended Cultures: African-American, Latin-American
- Regional: 200+ in Russia, 56 in China, 36 in India, 11 in U.S.
- Indigenous Tribes: 634 in Canada, 574 in U.S., 65 in Mexico

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Identifying the AFN Communities (cont.)

Cultural Needs and Restrictions among Immigrants

U.S. Census Bureau:

- Cultural traditions are normally most strongly adhered to by first generation immigrants, refugees and asylees
- The U.S. has the 2nd highest percentage of foreign-born individuals among the world's developed nations
- 11% (35MM) of Americans are foreign-born
- 27% (10.6MM) of Californians are foreign-born
- 35% (3.5MM) of LA County residents are foreign-born

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Cultural

AFN-Community: Cultural	
* National/ Federal resource	
Resource	Link
1. Civil Rights for Individuals and Advocates	https://www.hhs.gov/civil-rights/for-individuals/index.html
2. ENSURING EFFECTIVE EMERGENCY PREPAREDNESS, RESPONSE AND RECOVERY FOR INDIVIDUALS WITH ACCESS AND FUNCTIONAL NEEDS A CHECKLIST FOR EMERGENCY MANAGERS	https://www.hhs.gov/sites/default/files/hhs-checklist-for-emergency-managers.pdf
3. Disaster Impact Across Cultural Groups: Comparison of Whites, African Americans, and Latinos	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4386718/
4. Cultural and Population Sensitivity in Disaster Behavioral Health Programs	https://www.samhsa.gov/sites/default/files/dtac/dialoguevol14i3and4compliant-508c.pdf
5. Cultural and Linguistic Competency in Disaster Preparedness and Response Fact Sheet	https://www.phe.gov/Preparedness/planning/abc/Pages/linguistic-facts.aspx
6. Building Cultures of preparedNess (Best Practise)	https://training.fema.gov/hiedu/docs/latest/2019_cultures_of_preparedness_report_10.22.18%20final.pdf
7. Guidance for Integrating Culturally Diverse Communities into Planning for and Responding to Emergencies: A Toolkit, Recommendations of the National Consensus Panel on Emergency Preparedness and Cultural Diversity.	https://www.aha.org/system/files/content/11/OMHDiversityPreparednessToolkit.pdf
8. A Guide to Build Cultural Awareness: American Indian and Alaska Native	https://tribalnations.mt.gov/docs/SMA08-4354_mod.pdf
9. Cultural Competency Curriculum for Disaster Preparedness and Crisis Response.	https://cccdpcr.thinkculturalhealth.hhs.gov/default.asp

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Cultural (cont.)

* State Level Resources	
Resource	Link
1. California's Emergency Preparedness Efforts for Culturally Diverse Communities	https://www.preventionweb.net/files/9463_CaliforniaPreparednessDiversityRepo.pdf
2. WHEN DISASTER STRIKES: PROMISING PRACTICES DEVELOPING CULTURAL COMPETENCE	https://www.mdccinc.org/wp-content/uploads/2017/08/When-Disaster-Strikes-Promising-Practices-Immigrants.pdf
3. disaster recovery processes among ethnic groups includes all cultures	https://humanitarianaction.springeropen.com/articles/10.1186/s41018-018-0047-2
4. Culture's influence on social network vulnerabilities for ethnic minorities in rural disaster events	https://humanitarianaction.springeropen.com/track/pdf/10.1186/s41018-018-0047-2.pdf
5. SoCo Emergency Operations Plan Incorporates Cultural Competency	https://patch.com/california/rohnertpark-cotati/soco-emergency-operations-plan-incorporates-cultural-competency
6. Integrating Racially and Ethnically Diverse Communities Into Planning for Disasters: The California Experience	https://www.cambridge.org/core/journals/disaster-medicine-and-public-health-preparedness/article/abs/integrating-racially-and-ethnically-diverse-communities-into-planning-for-disasters-the-california-experience/C684496CC3D6CB810086F46A666FCDB

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Identifying the AFN Communities

Religious Needs and Restrictions

U.S. Census Bureau:

- 80+% (250MM) of Americans identify themselves as a member of a religious organization; (includes children, as designated by their parents)
- There are about 18-20 major religions, or groups of religions, worldwide; all are represented in the U.S.
- However, there are over 4,000 recognized branches, congregations, conventions, denominations, faith groups, etc.; many with distinct requirements and restrictions

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Identifying the AFN Communities

Religious Needs and Restrictions

Pew Research Center:

	<u>LA County</u>	<u>California</u>	<u>United States</u>
Protestant	30%	32%	46%
Catholic	32	28	21
- Other Christian	3	4	4
Judaism	3	2	2
Buddhism	2	2	1
Islam/Muslim	2	1	1
Hinduism	1	2	1
- Other Non-Christian	1	3	2
Unaffiliated	25	28	23

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Religion and Spirituality

AFN-Community: Religion and Spirituality	
* National/ Federal Resources	
Resource	Link
1. Engaging Faith-based and Community Organizations Planning Considerations for Emergency Managers	https://www.fema.gov/sites/default/files/2020-07/engaging-faith-based-and-community-organizations.pdf
2. DHS Center for Faith-Based and Neighborhood Partnerships	https://www.dhs.gov/faith
3. Disasters and Religion	https://asprtracie.hhs.gov/technical-resources/resource/9313/disasters-and-religion
4. DHS Center for Faith-Based and Neighborhood Partnerships Resources	https://www.fema.gov/emergency-managers/individuals-communities/faith
5. Faithful action: Working with religious groups in disaster planning, response and recovery	https://www.samhsa.gov/resource/dbhis/faithful-action-working-religious-groups-disaster-planning-response-recovery
6. Preparedness planning guide for congregations and parishes	https://www.samhsa.gov/resource/dbhis/preparedness-planning-guide-congregations-parishes
7. Prepare to Care: Basic Disaster Ministry for Your Congregation the religious community participates in an emergency management	https://pda.pcusa.org/site_media/media/uploads/pda/pdfs/preparetocare2009.pdf
8. Jehovah's Witness (1), Jesus Christ of Latter-Day Saints (1), Lutheran (3), Methodist (2), and. Nondenominational	https://ir.ua.edu/bitstream/handle/123456789/1403/file_1.pdf?sequence=1&isAllowed=y
9. Islamic perspectives in disaster: An alternative to changing fatalistic attitudes	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7736663/

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Identifying the AFN Communities

Recent Immigrants, Refugees and Asylum Seekers

U.S. Census Bureau and the Pew Research Center:

- There are an estimated 45-50MM immigrants living in the U.S. (14+% of the population)
- Of this number, 77% (35+MM) are here legally and include: naturalized citizens (21MM), lawful permanent residents (12+MM), and lawful temporary residents (2+MM)
- At least 5MM have “recently arrived” (w/in past 36 months)
- There are believed to be an additional 10 to 15+MM unauthorized, undocumented, or awaiting the app process

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Recent Immigrants

AFN-Community: Recent Immigrants	
Sub-Community: Mexico	
* National/ Federal Resources	
Resource	Link
1. DISASTER ASSISTANCE SERVICES FOR IMMIGRANTS	https://cadresv.org/wp-content/uploads/7-19-SCC-Immigrant-Disaster-Guide-ENGLISH.pd_.pdf
2. Integrating migrants in emergency preparedness, response and recovery in their host countries	https://publications.iom.int/system/files/pdf/micic_reference_e-handbook.pdf
* State Level Resources	
Resource	Link
1. DISASTER PREPAREDNESS FOR MIGRANT COMMUNITIES A Manuel for First Responders	https://www.iirs.org/assets/2474/disaster_preparedness_for_migrant_communities.pdf
2. Emergency Managers Tool Kit: Meeting the Needs of Latino Communities	https://www.cidrap.umn.edu/sites/default/files/public/php/26997/Emergency%20Managers%20Tool%20Kit%20-%20Meeting%20the%20Needs%20of%20Latino%20Communities_0.pdf
3. Emergency Preparedness for Immigrant Families: A 50 State Resource	https://cliniclegal.org/epif
Sub-Community: India	
* National/ Federal Resources	
Resource	Link
1. DISASTER ASSISTANCE SERVICES FOR IMMIGRANTS	https://cadresv.org/wp-content/uploads/7-19-SCC-Immigrant-Disaster-Guide-ENGLISH.pd_.pdf

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Recent Immigrants (cont.)

Sub-Community: China	
* National/ Federal Resources	
Resource	Link
1. DISASTER ASSISTANCE SERVICES FOR IMMIGRANTS	https://cadresv.org/wp-content/uploads/7-19-SCC-Immigrant-Disaster-Guide-ENGLISH.pd_.pdf
2. Disaster Preparedness in Urban Immigrant Communities:	https://socialinnovation.usc.edu/trpi/archives/DISASTER_REPORT_Final.pdf
Sub-Community: Philippines	
* National/ Federal Resources	
Resource	Link
1. DISASTER ASSISTANCE SERVICES FOR IMMIGRANTS	https://cadresv.org/wp-content/uploads/7-19-SCC-Immigrant-Disaster-Guide-ENGLISH.pd_.pdf
* State Level Resources	
Resource	Link
1. PHILIPPINES Disaster Management Reference Handbook	https://reliefweb.int/sites/reliefweb.int/files/resources/Philippines_2018-0318.pdf
2. SAN ANTONIO WELCOME PLAN	https://www.sanantonio.gov/Portals/0/Files/HumanServices/ImmigrationServices/StrategicPlan.pdf

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Recent Refugees and Asylum Seekers

Sub-community: Recent Refugees and Asylum Seekers (Asylees)	
Sub-Category: Refugees / Asylees	
* National/ Federal Resources	
Resource	Link
1. The Office of Refugee Resettlement provides resources for refugees, asylum seekers, and other new arrivals to the U.S. to assist with their integration into their new community.	https://www.usa.gov/federal-agencies/office-of-refugee-resettlement
2. FACT SHEET: Citizenship Status and Eligibility for Disaster Assistance FAQ	https://www.fema.gov/press-release/20210318/fact-sheet-citizenship-status-and-eligibility-disaster-assistance-faq
3. Resources for Immigrants and Refugees	https://rtc.instructure.com/courses/1945750/pages/resources-for-immigrants-and-refugees
4. Migrants, Refugees, Asylum Seekers: Inclusion in Disaster Preparedness and Response	https://reliefweb.int/sites/reliefweb.int/files/resources/DRAFT-PUBLICATION-COMPILES_en.pdf.pdf
5. DISASTER PREPAREDNESS IN MIGRANT COMMUNITIES: A Manual for First Responders	https://diversitypreparedness.org/~media/Files/diversitypreparedness/uploads/LIRS%20Migrant%20Communities.ashx?la=en
6. OFFICE OF REFUGEE RESETTLEMENT Resources ORR Fact Sheet	https://www.acf.hhs.gov/orr/resources
7. Disaster Relief Agencies and Nongovernment Organizations: This site lists dozens of organizations for disaster response and relief	http://www.disastercenter.com/
8. Integrating migrants in emergency preparedness, response and recovery in their host countries	https://publications.iom.int/system/files/pdf/micic_reference_e-handbook.pdf
9. Resources for asylum-seekers in the United States	https://www.unhcr.org/en-us/asylum-resources.html

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Recent Refugees and Asylum Seekers

* State Level Resources	
Resource	Link
1. Ohio Refugee Services	https://fs.ohio.gov/refugee/index.stm
2. CLINIC's Emergency Planning Guide helps you formulate an emergency plan and helps you think through steps you can take before an emergency to best protect your family	https://cliniclegal.org/resources/protecting-your-community/clinic-emergency-planning-guide
3. Guide to Disaster Assistance Services for Immigrants	https://oir.sco.gov/sites/g/files/evjpb1026/files/disas-res-4immgrnts-ca-ccc.pdf
4. COMING OUT OF THE DARK: EMERGENCY PREPAREDNESS PLAN FOR FARMWORKER COMMUNITIES IN SAN DIEGO COUNTY	https://www.cidrap.umn.edu/sites/default/files/public/php/27048/Coming%20Out%20of%20the%20Dark_0.pdf
5. Immigrant Resources	https://socoemergency.org/emergency/novel-coronavirus/immigrant-resources/
6. NJ DEPARTMENT OF EDUCATION Resources for Refugees (best Practise)	https://www.state.nj.us/education/bilingual/resources/refugees.pdf
7. What immigrants and refugees need to know about the Affordable Care Act (ACA)	https://www.samhsa.gov/sites/default/files/immigrants-refugees-affordable-care-act-with-notes.pdf
8. Understanding Disaster Preparedness of Linguistically Isolated Groups Chinese, Somali, Vietnamese and Spanish Speaking Communities	https://www.houstonx.gov/health/chs/Disaster%20Preparedness%20LIP_Houston.pdf
9. Housing Resources for Refugees - Resources Guide is information prepared by California's Refugee Programs Bureau	https://www.cdss.ca.gov/inforesources/Refugees/Whats-Trending/Resources-and-Info
10. Ukraine Emergency: Resources for Refugees	https://asylumaccess.org/ukraine/

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Identifying the AFN Communities

Individuals with Limited English, or Non-English Speaking

Center for Immigration Studies and U.S. Census Bureau:

- Some 350 different languages/dialects are spoken in the U.S.
- 224 in CA alone, and at least 185 in the metro LA area
- 20% of the U.S. population (65MM) speaks a language other than English in their homes
- 10% (32MM) cannot converse in functional English
- In California, rates are *double* national averages: 44%/18%
- Primary non-English in U.S.: Spanish, Chinese, French, Tagalog

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Limited English, or Non-English Speaking (cont.)

AFN-Community: Limited English or Non-English Speaking

* National/ Federal Resource

Resource	Link
1. This is a list of best practices and resources specific to LEP for emergency responders/officials to help ensure individuals have equal access to Emergency Services	https://www.hhs.gov/guidance/document/emergency-preparedness-resources-persons-limited-english-proficiency-lep
2. Tips and Tools for Reaching Limited English Proficient Communities in Emergency Preparedness, Response, and Recovery	https://www.justice.gov/crt/file/885391/download
3. Ensuring Effective Emergency Preparedness Response and recovery for individuals with Access and Functional Needs. A Checklist for Emergency Managers	https://www.justice.gov/crt/file/885396/download
4. PUBLIC HEALTH WORKBOOK To Define, Locate, and Reach	https://emergency.cdc.gov/workbook/pdf/ph_workbookFINAL.pdf
5. Access and Functional Needs Toolkit: Integrating a Community Partner Network to Inform Risk Communication Strategies/ Communication Planning	https://www.cdc.gov/cpr/readiness/afntoolkit.htm
6. Planning for an Emergency: Strategies for Identifying and Engaging At-Risk Groups. A guidance document for Emergency Managers	https://www.cdc.gov/nceh/hsb/disaster/atriskguidance.pdf
6. Common Alert Protocol (CAP) A single emergency alert can trigger a variety of public warning systems, increasing the likelihood that people receive the alert by one or more communication pathways	https://www.fema.gov/emergency-managers/practitioners/integrated-public-alert-warning-system/technology-developers/common-alerting-protocol
7. Wireless Emergency Alert: public alert and warning system with the capability to alert and warn all Americans, including those with disabilities and those without an understanding of the	https://www.fema.gov/emergency-managers/practitioners/integrated-public-alert-warning-system/public/wireless-emergency-alerts

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Limited English, or Non-English Speaking (cont.)

* State Level Resources	Link
1. LEP Communication Planning Framework EMERGENCY MANAGEMENT DIVISION WASHINGTON MILITARY DEPARTMENT	https://mil.wa.gov/asset/5cfff0f6a3a8c
2. Over the Phone Interpreting (OPI) The most advanced, most flexible telephonic interpreting system available today.	boostlingo.com/the-platform/over-the-phone-interpreting/?gclid=Cj0KCQjvs4aKBhDPArisAIWH0JWv2_faHyCC_NahJE7xIX0lVpT3C2GKDY9QYcsW6WDD0avtAllb8MaAg5BEALw_wcB
3. The Cal OES Office of Access and Functional Needs coordinates with Federal, State and Local partners to ensure communication needs are identified and addressed during disasters. This means ensuring that communities understand how to utilize the following communication resources.	https://www.caloes.ca.gov/cal-oes-divisions/access-functional-needs/communication
4. Emergency Translation Services Steps (pronounced /steps/) helps businesses, healthcare organizations, and government agencies overcome linguistic barriers during challenging times.	https://customer.steps.com/instant-translation-quote/
5. Resources for Serving Persons with Limited English Proficiency	https://www.phe.gov/Preparedness/planning/abc/Pages/lep.aspx
6. COMMUNICATING WITH SPANISH SPEAKERS DURING TIMES OF DISASTER	http://napavalleycoad.org/wp-content/uploads/Communicating-with-Spanish-Speakers-During-Disaster-NV-COAD.pdf
7. Show Me is a suite of tools designed to enhance communication between individuals with communication challenges and public health and emergency management personnel and volunteers during times of emergencies.	https://www.mass.gov/service-details/show-me
8. Individuals with Limited English Proficiency and Literacy	https://portal.ct.gov/DPH/Public-Health-Preparedness/Access-and-Functional-Needs/Individuals-with-Limited-English-Proficiency-and-Literacy

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Identifying the AFN Communities

Individuals with Low Income, or Living in Poverty

Per U.S. Census Bureau:

- The Federal Poverty Level in the 48 contiguous States is about \$13K/year for an individual, about \$17K/year for a married couple and about \$26.5K/year for a family of four
- **Low Income:** 50+% nation's employed population (80+MM) earns "low income" (between 100% and 199% of poverty)
- **Poverty:** Over 12% of all Americans (40+MM) live at or below the level of poverty, which is believed to be primarily caused by wage inequality, inflation and poor education

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Low Income, or Living in Poverty

AFN-Community: Socioeconomically Disadvantaged	
Sub-Community: Living in Poverty	
* National/ Federal Resources	
Resource	Link
1. More services that help individuals that need assistance because of disasters. Teaches individuals on how they can qualify for disaster help with food, bills, unemployment, tax relief, and more.	https://www.usa.gov/disaster-area-help
2. FEMA's Individuals and Households Program provides financial and direct services to eligible individual and households affected by a disaster. Assistance is intended to meet your basic needs and supplement disaster recovery efforts. Help funds for temporary housing	https://www.fema.gov/assistance/individual/program
3. Teaches you how to get assistance	https://www.fema.gov/assistance/individual
4. Red Cross disaster relief	https://www.redcross.org/about-us/our-work/disaster-relief.html
* State Resources	
Resource	Link
1. 2-1-1 is an easy to remember telephone number that, where available, is answered by live operators and referral specialists who can connect people with important community services and volunteer opportunities.	http://www.211.org/
2. SAMHSA Disaster Technical Assistance Center Supplemental Research Bulletin Greater Impact: How Disasters Affect People of Low Socioeconomic Status	https://www.samhsa.gov/sites/default/files/dtac/srb-low-ses_2.pdf
3. List of assistance programs California	https://baylegal.org/wp-content/uploads/2017/10/DisasterAssistanceGuideforCaliforniansFinal.pdf

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Identifying the AFN Communities

Individuals who are Unemployed

U.S. Census Bureau:

- The national unemployment rate is currently 5.4%
- The rate for California is 7.6%
- The rate for Los Angeles County is 10.4%

Individuals who are Uninsured

U.S. Census Bureau:

- 8.6% of the U.S. population (28MM) lacks health insurance
- The rate in California is 7.1% (3.2MM)
- The rate for Los Angeles County is 10% (1MM)

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Identifying the AFN Communities

Individuals and Families Experiencing Homelessness, or Living in Unstable Home Environments

U.S. Dept. of Housing and Urban Development, and ASPR:

- Over half a million Americans are believed to be homeless – living on the street, in public parks or tent cities, in abandoned buildings, in storage units, in their cars or in homeless shelters
- 10-15% (30-50MM) lives in unstable housing environments, (overcrowded, staying with relatives or friends, motels, etc.)
- 65% single individuals; 30% families; 5% are unaccompanied youth

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Experiencing Homelessness, or Living in Unstable Home Environments

Sub-Community: Homeless / Living in Unstable Home Environment	
* National/ Federal Resources	
Resource	Link
1. Integrating Homeless Service Providers and Clients in Disaster Preparedness, Response, and Recovery	https://nhchc.org/wp-content/uploads/2019/08/disasterbrief092014.pdf
2. Disaster Planning for People Experiencing Homelessness	https://nhchc.org/wp-content/uploads/2019/08/DisasterPlanning.pdf
3. Pandemic Influenza Guidance for HOMELESS SHELTERS & HOMELESS SERVICE PROVIDERS	https://nhchc.org/wp-content/uploads/2019/08/fhmanual.pdf
4. Disaster Response for Homeless Individuals and Families: A Trauma-Informed Approach	https://www.phe.gov/Preparedness/planning/abc/Pages/homeless-trauma-informed.aspx
5. Planning Considerations: Disaster Housing Guidance for State, Local, Tribal and Territorial Partners	https://www.fema.gov/sites/default/files/2020-07/planning-considerations-disaster-housing.pdf
6. Shelter Field Guide. FEMA P-785 American Red Cross	http://www.nationalmasscarestrategy.org/wp-content/uploads/2015/10/Shelter-Field-Guide-508_f3.pdf
7. Homelessness Among Elderly Persons	https://www.nationalhomeless.org/factsheets/elderly.html
8. National Health Care for the Homeless Council Emergency Preparedness	https://nhchc.org/clinical-practice/homeless-services/emergency-preparedness/

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Experiencing Homelessness, or Living in Unstable Home Environments

Sub-Community: Homeless / Living in Unstable Home Environment	
* National/ Federal Resources	
Resource	Link
1. Integrating Homeless Service Providers and Clients in Disaster Preparedness, Response, and Recovery	https://nhchc.org/wp-content/uploads/2019/08/disasterbrief092014.pdf
2. Disaster Planning for People Experiencing Homelessness	https://nhchc.org/wp-content/uploads/2019/08/DisasterPlanning.pdf
3. Pandemic Influenza Guidance for HOMELESS SHELTERS & HOMELESS SERVICE PROVIDERS	https://nhchc.org/wp-content/uploads/2019/08/f1manual.pdf
4. Disaster Response for Homeless Individuals and Families: A Trauma-Informed Approach	https://www.phe.gov/Preparedness/planning/abc/Pages/homeless-trauma-informed.aspx
5. Planning Considerations: Disaster Housing Guidance for State, Local, Tribal and Territorial Partners	https://www.fema.gov/sites/default/files/2020-07/planning-considerations-disaster-housing.pdf
6. Shelter Field Guide. FEMA P-785 American Red Cross	http://www.nationalmasscarestrategy.org/wp-content/uploads/2015/10/Shelter-Field-Guide-508_f3.pdf
7. Homelessness Among Elderly Persons	https://www.nationalhomeless.org/factsheets/elderly.html
8. National Health Care for the Homeless Council Emergency Preparedness	https://nhchc.org/clinical-practice/homeless-services/emergency-preparedness/

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Identifying the AFN Communities

Individuals Who Are Transportation Disadvantaged

Federal Transit Administration:

- 33% of the population (100+MM) depends upon family or friends, public transit, or expensive private transportation
- Too young or too old to drive
- Disabled, too badly injured or too ill to drive
- Never obtained a driver's license, or had privileges suspended/revoked
- Have a driver's license, but don't own or have access to a vehicle

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Transportation Disadvantaged

Sub-Community: Transportation Disadvantaged	
* National/ Federal Resources	
Resource	Link
1. The C-MIST Personal Planning Tool	https://iod.unh.edu/sites/default/files/media/Project_Page_Resources/DP/H/cmist_planning_tool.pdf
2. The FEMA Tender of Service Program allows FEMA to schedule and book transportation with pre-approved private sector Transportation Service Providers (TSPs). FEMA invites TSPs serving any mode of transportation (air, maritime, rail, or trucking) to register with the Program to become a FEMA-Approved TSP.	https://www.fema.gov/business-industry/doing-business/transportation
3. An ADA Guide for Local Governments Making Community Emergency Preparedness and Response Programs Accessible to People with Disabilities	https://www.ada.gov/emergencyprep.htm
4. Effective Communications for People with Disabilities: Before, During, and After Emergencies	https://ncd.gov/system/files_force/Documents/NCD_EffectiveCommunications_Apr2FINAL508%20%282%29.pdf?download=1
5. Disability & Disaster Hotline provides information, referrals, guidance, technical assistance and resources to people with disabilities & Transportation Needs	https://disasterstrategies.org/hotline/
6. Findings and recommendations contained in the publications in this section come from analyses of applicable laws, regulations, guidance, and promising practices. Publications consider access and barriers to public and private transportation services and systems, and accessible transportation success stories and models from across the country.	https://ncd.gov/policy/transportation
7. Evacuating Populations with Special Needs Routes to Effective Evacuation Planning Primer Series	https://ops.fhwa.dot.gov/publications/fhwahop09022/fhwahop09022.pdf

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Identifying the AFN Communities

Individuals with Communication Barriers or Illiteracy

U.S. Department of Education:

- 14% of nation's population (45MM) can't read
- 21% (68MM) read & write at or below 5th grade level

Individuals Who are Educationally Disadvantaged

U.S. Census Bureau:

- 2¼ million adults have only a 4th grade education
- 6¾ million adults did not progress past grammar school

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Communication Barriers or Illiteracy

Sub-Community: Communication Barriers	
* National/ Federal Resources	
Resource	Link
1. Access and Functional Needs Toolkit: Integrating a Community Partner Network to Inform Risk Communication Strategies	https://www.cdc.gov/cpr/readiness/afntoolkit.htm
2. This guide, Clear & Simple, is designed to assist health communicators in developing audience-appropriate information and communicating effectively with people with limited health literacy skills.	https://www.nih.gov/institutes-nih/nih-office-director/office-communications-public-liaison/clear-communication/clear-simple
3. Four Ways to Enhance Language Access during Disaster Response and Recovery	https://www.phe.gov/ASPRBlog/Pages/BlogArticlePage.aspx?PostID=320
4. ENSURING LANGUAGE ACCESS AND EFFECTIVE COMMUNICATION DURING RESPONSE AND RECOVERY: A CHECKLIST FOR EMERGENCY RESPONDERS	https://www.hhs.gov/sites/default/files/lang-access-and-effective-comm-checklist-for-emergency-responders.pdf
5. Access to Emergency Information on Television- Certain information must be provided in both audio and visual formats.	https://www.fcc.gov/consumers/guides/accessibility-emergency-information-television
* State Level Resources	
Resource	Link
1. Overcoming Communication Barriers in Emergency Situations: Some Basic Tools	https://cdn2.shopify.com/s/files/1/0046/2048/4694/files/Overcoming_communication_barriers_in_emergency_Repaired.pdf?3028
2. Health Literacy and Vulnerable Populations	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3581545/
3. Low Literacy Populations and Disaster Communications: 5 Ways to Bridge the Educational Divide	https://www.phe.gov/ASPRBlog/Lists/Posts/Post.aspx?ID=190
4. Category Checklist: Language and Literacy	https://www.orau.gov/sns/atrisktool/files/Category-LanguageandLiteracyChecklist.pdf

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Identifying the AFN Communities

Individuals Living in Rural Areas

Pew Research Center:

- 18% (58MM) of Americans live 10+ miles from the nearest hospital, with an average travel time of 17 minutes
- Nearly 1% (2+MM) live 20+ miles from the nearest hospital, with an average travel time exceeding 30 minutes

Individuals Living in Remote, Isolated Areas or Off-the-Grid

- Estimated 180,000 families, (or ½ million individuals)
- Partially legal in a few less densely populated States

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Individuals Living in Rural Areas

AFN-Community: Locationally Challenged	
Sub-Community: Living in Rural Areas	
* National/ Federal Resources	
Resource	Link
1. Rural Transportation Planning	https://www.transit.dot.gov/regulations-and-guidance/transportation-planning/rural-transportation-planning#Coordinated_Human_Service_Plans
2. The Formula Grants for Rural Areas program provides capital, planning, and operating assistance to states to support public transportation in rural areas	https://www.transit.dot.gov/rural-formula-grants-5311
3. Coordination and Mobility Management	https://www.nationalrtap.org/Toolkits/Transit-Managers-Toolkit/Operations-and-Planning/Coordination-and-Mobility-Management
4. TRANSPORTATION DISADVANTAGED POPULATIONS	https://www.gao.gov/assets/gao-12-647.pdf
5. National RTAP (Rural Transit Assistance Program) Transit Manager Toolkit	https://irp.cdn-website.com/270961f6/files/uploaded/Transit_Manager%27s_Toolkit.pdf
6. Rural Communities and Emergency Preparedness	https://www.ruralhealthinfo.org/assets/198-319/rural-communities-and-emergency-preparedness.pdf
7. Rural Emergency Preparedness and Response	https://www.ruralhealthinfo.org/topics/emergency-preparedness-and-response#hospitals
8. Partnering to Achieve Rural Emergency Preparedness: A Workbook for Healthcare Providers in Rural Communities	https://www.cidrap.umn.edu/sites/default/files/public/php/318/318_workbook.pdf

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Living in Remote, Isolated Areas or Off the Grid

Sub-Community: Living in Remote, Isolated Areas or Off the Grid	
* National/ Federal Resources	
Resource	Link
1. HOW TO PREPARE FOR EMERGENCIES WHEN YOU LIVE OFF THE GRID	https://hellhomestead.com/how-to-prepare-for-emergencies-when-you-live-off-the-grid/
2. How to Live Off the Grid Emergency Preparedness	https://www.pelican.com/us/en/discover/pelican-flyer/post/how-to-live-off-grid/
3. WHAT IS OFF GRID & URBAN PREPAREDNESS	http://offgridandurbanpreparedness.com/
4. This website is created to share the collection of information about the journey of building an earth home along with the importance of living self-sufficient and being prepared for a disaster on or off the grid	http://offgridandurbanpreparedness.com/
* State Level Resources	
Resource	Link
1. ALL-HAZARDS PREPAREDNESS FOR RURAL COMMUNITIES A guide to help rural agriculture communities prepare for threats to their families, farms, animals and businesses	http://www.prep4gthreats.org/Assets/Factsheets/All-Hazards-Preparedness-for-Rural-Communities-Book-Cover.pdf
2. Emergency Preparedness Is Vital To Off-Grid Living In a disaster, especially living off-grid, emergency preparedness is the key to staying safe. The following equipment can help during the unexpected.	https://www.hobbyfarms.com/emergency-preparedness-off-grid/
3. An Unseen Reality Recovery Following Small Disasters In Remote Areas	https://www.preventionweb.net/files/41754_41754unseenrealityrecoveryofremotec.pdf
4. Emergency Preparedness for Farmworkers	https://www.osha.gov/sites/default/files/publications/OSHA3870.pdf

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Identifying the AFN Communities

Tourists and Travelers

U.S. Travel and Tourism Office:

- 79MM foreigners visited the U.S. in 2019; this volume decreased significantly in 2020 and 2021 due to COVID travel restrictions, but is expected to return in 2022
- Foreign travelers may not always possess medical trip insurance are then responsible for paying for their own medical care, along with any related expenses or liabilities
- All individuals, regardless of legal status and citizenship, are covered by EMTALA for emergent care
- However, foreign visitors are not eligible for ObamaCare

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Tourists and Travelers

Sub-Community: Domestic Tourist and Travelers	
* National/ Federal Resource	Link
1. TRAVEL PREPAREDNESS Federal	https://www.cdc.gov/cpr/infographics/00_docs/pfe-travel-preparedness.pdf
2. International Travel Issues for Americans FEDERAL	https://www.usa.gov/americans-abroad
3. Travel Safety Precautions Federal	https://emergency.cdc.gov/coca/zikazone/safetyprecautions.html
4. Traveler Advice FEDERAL	https://wwwnc.cdc.gov/travel/page/traveler-information-center
5. Travel and Natural Disasters Federal FEDERAL	https://wwwnc.cdc.gov/travel/page/natural-disasters
* State Resources	Link
1. Getting Help in an Emergency. If you are overseas and in need of emergency assistance contact the nearest U.S. embassy or consulate.	https://travel.state.gov/content/travel/en/international-travel/emergencies.html
2. Crisis Abroad: Be Ready Think Ahead Whether traveling or living outside of the United States, there are ways you can prepare yourself for a potential crisis.	https://travel.state.gov/content/travel/en/international-travel/emergencies/what-can-you-do-crisis-abroad.html
3. Traveler's Checklist	https://travel.state.gov/content/travel/en/international-travel/before-you-go/travelers-checklist.html
4. Insurance Providers for Overseas Coverage	https://travel.state.gov/content/travel/en/international-travel/before-you-go/your-health-abroad/insurance-providers-overseas.html

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AFN Disaster Risk Assessment

- The AFN Task Force created a unique risk assessment matrix, similar to a Hazard Vulnerability Analysis (HVA), using LACEMS's hHAP format (developed from Kaiser) as basis
- The *AFN Disaster Risk Assessment (DRA)* rates the level of risk to each of the AFN communities served by the hospital, from highest level of risk to lowest
- The DRA assesses the hospital's current level of preparedness for each AFN community, and identifies specific OFIs
- Adaptable to any hospital, any size, any geographic area

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AFN Disaster Risk Assessment (cont.)

- AFN DRA is developed from LAC DPH *hHAP* format
- **Risk = Probability x (Impact – Resources)**
- **Orange = Blue x (Yellow – Green)**
- **Probability** and **Impact** are outside of the hospital's control
- Only **Resources** are within the hospital's control
- **Risk** can be lowered thru the effective acquisition and allocation of **Resources**

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AFN Risk Assessment: one example

Pomona Valley Hospital Medical Center

ACCESS AND FUNCTIONAL NEEDS: DISASTER RISK ASSESSMENT

February, 2020

AFN COMMUNITY	PROBABILITY			IMPACT			RESOURCES													RELATIVE RISK SCORE Risk = Probability x (Impact + Resources)
	Likelihood of need for assistance by each AFN community			Potential for disproportionate harm to the health and wellbeing of AFN community members			Extent of integration of Access and Functional Needs into all 4 phases of Emergency Management Planning: Mitigation, Preparedness, Response and Recovery													
	SIZE OF EACH AFN COMMUNITY	SUSCEPTIBILITY TO THE EFFECTS OF A DISASTER	HISTORICAL NEED FOR ASSISTANCE IN DISASTERS	SHORT TERM EMERGENCIES 24 HOURS OR LESS	LONGER TERM EMERGENCIES 25 TO 95 HOURS	DISASTERS OF 95 HOURS AND GREATER	EACH AFN COMMUNITY'S NEEDS ARE ADDRESSED IN THE EOP & IN THE POLICIES	AFN REPS & SERVICE PROVIDERS PARTICIPATE IN THE PLANNING PROCESS	AFN EVACUATION AND TRANSPORTATION NEEDS ARE MET	STAFF RECEIVE TRAINING SPECIFIC TO EACH AFN COMMUNITY	EMERGENCY MEDICATIONS AVAILABLE FOR EACH AFN COMMUNITY	EMERGENCY MEDICAL SUPPLIES ARE AVAILABLE FOR EACH AFN COMMUNITY	DURABLE MEDICAL EQUIPMENT AVAILABLE FOR EACH AFN COMMUNITY	PATIENT SURGE CAPACITY FOR EACH AFN COMMUNITY	COMMUNICATION ESTABLISHED WITH AFN AGENCIES AND ORGANIZATIONS	EXERCISES AND DRILLS INCLUDE AFN COMMUNITIES AND INCLUDE AFN REVIEW				
Chronic Condition Kidney failure (ESRD) Facility Analysis dependent	0.13	4	4	2	3	4	1	1	2	1	3	2	2	3	1	1	75.20			



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POMONA VALLEY HOSPITAL
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Expert care with a personal touch

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AFN Disaster Risk Assessment p1

Pomona Valley Hospital Medical Center

ACCESS AND FUNCTIONAL NEEDS: DISASTER RISK ASSESSMENT

October, 2020 - DRAFT

AFN COMMUNITY	PROBABILITY			IMPACT			RESOURCES													RELATIVE RISK SCORE Risk = Probability x (Impact + Resources)
	Likelihood of need for assistance by each AFN community			Potential for disproportionate harm to the health and wellbeing of AFN community members			Extent of integration of Access and Functional Needs into all 4 phases of Emergency Management Planning: Mitigation, Preparedness, Response and Recovery													
	SIZE OF EACH AFN COMMUNITY	SUSCEPTIBILITY TO THE EFFECTS OF A DISASTER	HISTORICAL NEED FOR ASSISTANCE IN DISASTERS	SHORT TERM EMERGENCIES 24 HOURS OR LESS	LONGER TERM EMERGENCIES 25 TO 95 HOURS	DISASTERS OF 95 HOURS AND GREATER	EACH AFN COMMUNITY'S NEEDS ARE ADDRESSED IN THE EOP & IN THE POLICIES	AFN REPS & SERVICE PROVIDERS PARTICIPATE IN THE PLANNING PROCESS	AFN EVACUATION AND TRANSPORTATION NEEDS ARE MET	STAFF RECEIVE TRAINING SPECIFIC TO EACH AFN COMMUNITY	EMERGENCY MEDICATIONS AVAILABLE FOR EACH AFN COMMUNITY	EMERGENCY MEDICAL SUPPLIES ARE AVAILABLE FOR EACH AFN COMMUNITY	DURABLE MEDICAL EQUIPMENT AVAILABLE FOR EACH AFN COMMUNITY	PATIENT SURGE CAPACITY FOR EACH AFN COMMUNITY	COMMUNICATION ESTABLISHED WITH AFN AGENCIES AND ORGANIZATIONS	EXERCISES AND DRILLS INCLUDE AFN COMMUNITIES AND INCLUDE AFN REVIEW				
Physical Trauma Critical life threatening injury	0.01	4	4	4	4	4	0	0	1	0	1	1	1	1	1	2	76.80			
Chronic Condition Kidney failure (ESRD) Facility data is dependent	0.13	4	4	2	3	4	1	1	2	1	3	2	2	3	1	1	75.20			
Chronic Condition Respiratory failure Ventilator dependent	0.03	4	3	3	4	4	2	1	2	1	2	2	2	2	1	1	63.20			
Physical Trauma Fire, electricity, chemicals, heat, cold, friction, radiation	0.01	4	3	3	3	4	2	1	2	1	2	2	2	2	1	3	61.60			
Emerging Infectious Disease COVID-19	1.06	3	3	2	3	3	3	2	2	1	3	3	3	3	1	4	46.50			
Physical Disability Mobility impaired including hearing equipment needs	7.50	3	3	2	3	4	2	2	2	2	2	2	2	2	2	2	45.00			
Chronic Condition Respiratory failure High oxygen dependent	0.12	3	3	2	4	4	2	1	1	1	1	1	1	3	2	3	44.40			
Physical Disability Hearing with cognitive and/or developmental issues	3.00	4	2	2	3	3	2	3	3	3	2	2	2	3	2	3	41.33			
Physical Trauma Severe or serious injury	0.01	3	3	3	3	4	0	0	1	1	1	1	1	1	1	2	38.10			
Electricity dependent Medical devices & DME, reach adaptation, HVAC, pediatric	0.34	3	3	1	2	3	2	1	2	2	n/a	3	3	3	2	3	36.90			
Physical Disability Infants and Toddlers (1 month - 2 years)	2.00	3	3	2	3	3	2	2	1	1	1	1	1	1	1	3	36.60			
Home Health Services Dependent	0.53	3	3	1	2	2	2	3	2	2	n/a	2	2	3	2	3	33.90			
Chronic Condition Kidney failure (ESRD) Home dialysis dependent	0.03	3	3	1	2	3	1	1	2	1	3	2	2	3	1	1	33.30			
Physical Disability Hearing K, Autism, Down, Central Delay, FASD	1.99	3	2	2	3	4	3	3	2	2	3	3	2	2	2	3	33.00			

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AFN Disaster Risk Assessment p2

Pomona Valley Hospital Medical Center
ACCESS AND FUNCTIONAL NEEDS: DISASTER RISK ASSESSMENT
October, 2020 - DRAFT

AFN COMMUNITY	PROBABILITY			IMPACT				RESOURCES													RELATIVE RISK SCORE Risk = Probability x (Impact - Resources)
	Likelihood of need for assistance by each AFN community			Potential for disproportionate harm to the health and well-being of AFN community members				Extent of integration of Access and Functional Needs into all 4 phases of Emergency Management Planning: Mitigation, Preparedness, Response and Recovery													
	SIZE OF EACH AFN COMMUNITY	SUSCEPTIBILITY TO THE EFFECTS OF A DISASTER	HISTORICAL NEED FOR ASSISTANCE IN DISASTERS	SHORT TERM EMERGENCY 0-24 HOURS OR LESS	LONGER TERM EMERGENCY 25 TO 95 HOURS	DISASTERS OF 96 HOURS AND GREATER	EACH AFN COMMUNITY'S NEEDS ARE ADDRESSED IN THE EOP 4	AFN NEEDS AND PROVIDERS PARTICIPATE IN THE PLANNING	AFN SERVICE PROVIDERS PARTICIPATE IN THE PLANNING	AFN EVALUATION AND TRAINING IS AVAILABLE FOR EACH AFN COMMUNITY	STAFF RECEIVE TRAINING SPECIFIC TO EACH AFN COMMUNITY	EMERGENCY MEDICATION IS AVAILABLE FOR EACH AFN COMMUNITY	EMERGENCY MEDICAL SUPPLIES ARE AVAILABLE FOR EACH AFN COMMUNITY	EMERGENCY MEDICAL EQUIPMENT IS AVAILABLE FOR EACH AFN COMMUNITY	PATIENT SURGE CAPACITY FOR EACH AFN COMMUNITY	COMMUNICATION AND DRILLS ESTABLISHED WITH AFN AGENCIES AND COMMUNITY S AARRS	EXERCISES AND DRILLS INCLUDE AFN COMMUNITY S AARRS				
Expressed as a % of the total population served by the	Low effect: 1 Moderate: 2 High effect: 3 Extreme: 4	None: 0 Rare: 1 Occasional: 2 Frequent: 3 Always: 4	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic			
Senior Citizens / Geriatric 70+ yrs. old with ADA limitations	0.59	3	2	2	3	3	2	3	2	3	3	3	3	3	3	3	3	3	3	32.80	
Senior Citizens / Geriatric 65-74 yrs. old with ADA limitations	0.24	3	2	2	2	3	2	3	2	3	3	3	3	3	3	3	3	3	3	30.80	
Minor Care Facility / Dependent / DME / Oxygen / Inhalation / Suction machines and humidifiers / Nebulizers / Pediatric / Neonatal (0-1 month)	0.02	3	3	1	2	3	2	1	2	1	1	1	1	1	2	1	2	1	2	30.60	
Chronic Condition / Respiratory failure / High effect: 3 / DME dependent / Infusion pumps for insulin / Hearing, CVA, orthotics	0.03	3	2	2	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	30.00	
Long Term Acute Care / Dependent	0.01	3	2	3	4	4	1	1	1	1	1	1	1	1	2	1	1	1	1	28.60	
Individuals Living in Remote Isolated Areas or Living Off-Grid / Program / High Risk / No structure	0.14	2	3	0	1	2	4	4	4	4	4	4	4	4	3	3	3	3	3	28.20	
Home Hospice Services / Dependent	0.07	3	2	1	2	2	2	3	2	2	2	2	2	2	3	2	3	3	3	23.80	
Chronic Condition / Respiratory failure / Chagas / Neurodegenerative disease / Cardiac ascular / respiratory	0.21	2	2	2	4	4	2	1	1	3	3	3	4	3	2	3	2	3	3	23.33	
Low Income / Pregnant / Disabled / Chronic / Diabetes / Sickle cell disease	18.25	3	2	2	3	3	1	1	1	1	1	1	1	2	1	2	1	2	2	23.20	
Disaster / Evacuation / Dependent / Chronic / Diabetes / Sickle cell disease	3.00	3	2	1	2	2	2	2	2	2	2	2	2	2	3	2	3	2	3	23.20	

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AFN Disaster Risk Assessment p3

Pomona Valley Hospital Medical Center
ACCESS AND FUNCTIONAL NEEDS: DISASTER RISK ASSESSMENT
October, 2020 - DRAFT

AFN COMMUNITY	PROBABILITY			IMPACT				RESOURCES													RELATIVE RISK SCORE Risk = Probability x (Impact - Resources)
	Likelihood of need for assistance by each AFN community			Potential for disproportionate harm to the health and well-being of AFN community members				Extent of integration of Access and Functional Needs into all 4 phases of Emergency Management Planning: Mitigation, Preparedness, Response and Recovery													
	SIZE OF EACH AFN COMMUNITY	SUSCEPTIBILITY TO THE EFFECTS OF A DISASTER	HISTORICAL NEED FOR ASSISTANCE IN DISASTERS	SHORT TERM EMERGENCY 0-24 HOURS OR LESS	LONGER TERM EMERGENCY 25 TO 95 HOURS	DISASTERS OF 96 HOURS AND GREATER	EACH AFN COMMUNITY'S NEEDS ARE ADDRESSED IN THE EOP 4	AFN NEEDS AND PROVIDERS PARTICIPATE IN THE PLANNING	AFN SERVICE PROVIDERS PARTICIPATE IN THE PLANNING	AFN EVALUATION AND TRAINING IS AVAILABLE FOR EACH AFN COMMUNITY	STAFF RECEIVE TRAINING SPECIFIC TO EACH AFN COMMUNITY	EMERGENCY MEDICATION IS AVAILABLE FOR EACH AFN COMMUNITY	EMERGENCY MEDICAL SUPPLIES ARE AVAILABLE FOR EACH AFN COMMUNITY	EMERGENCY MEDICAL EQUIPMENT IS AVAILABLE FOR EACH AFN COMMUNITY	PATIENT SURGE CAPACITY FOR EACH AFN COMMUNITY	COMMUNICATION AND DRILLS ESTABLISHED WITH AFN AGENCIES AND COMMUNITY S AARRS	EXERCISES AND DRILLS INCLUDE AFN COMMUNITY S AARRS				
Expressed as a % of the total population served by the	Low effect: 1 Moderate: 2 High effect: 3 Extreme: 4	None: 0 Rare: 1 Occasional: 2 Frequent: 3 Always: 4	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic	None: 0 Marginal: 1 Moderate: 2 Severe: 3 Catastrophic			
Pediatric / Children 0-17 yrs. old / Medication dependent / Acute and Chronic / Seizures, mobility	13.00	3	2	1	2	2	2	2	2	2	2	2	2	2	2	1	3	3	3	22.00	
Individuals Living in Poverty	17.00	3	2	1	2	3	2	1	1	2	2	2	2	1	1	3	2	3	3	21.60	
DME Dependent / Power wheelchair or scooter	15.00	3	3	0	1	2	1	1	2	1	1	1	1	1	2	2	2	2	2	21.60	
DME dependent / Hearing aid, glasses, contact, wheel, roll lights	0.03	2	2	2	3	3	3	3	3	3	n/a	4	4	3	2	3	3	3	3	21.47	
Hospital bed, pressure sensor, wheel, roll lights	0.08	2	2	2	3	3	3	2	2	3	n/a	2	2	2	2	2	2	2	2	18.67	
Geriatric 70+ yrs. old with ADA limitations	1.13	2	2	1	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	17.87	
Homeless or In Unstable Home Environment	1.00	3	3	0	1	1	1	1	2	1	1	1	1	1	2	1	2	1	2	17.70	
Chronic Condition / Heart failure / Impaired / Caring Device dependent / Senior Citizens / Geriatric 65-74 yrs. old with ADA limitations	0.02	2	2	1	2	3	2	2	2	2	3	2	2	3	2	3	2	3	3	17.20	
Adolescents / 13-18 yrs. old / Highly infectious / Diseases HIV / AIDS, TB, Pneumonia, Measles, A	0.48	2	2	1	1	2	2	3	2	3	3	3	3	3	3	3	3	3	3	16.53	
Transportation / Disadvantaged	8.00	2	2	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	15.47	
Chronic Condition / Social / nutritional needs / Mental health / dependent	5.58	4	1	1	2	3	2	1	1	1	1	1	1	1	2	1	2	1	2	13.20	
Chronic Condition / Social / nutritional needs / Mental health / dependent	33.00	2	2	1	2	2	3	1	3	2	n/a	n/a	n/a	2	2	2	2	2	2	13.07	
High risk / HIV / Hepatitis / Sickle cell disease / Transplant recipient	0.03	2	2	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	12.27	
High risk / HIV / Hepatitis / Sickle cell disease / Transplant recipient	9.00	3	1	1	2	2	2	3	2	2	2	2	2	3	2	3	3	3	3	12.20	

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AFN Disaster Risk Assessment p4

Pomona Valley Hospital Medical Center
ACCESS AND FUNCTIONAL NEEDS: DISASTER RISK ASSESSMENT
 October, 2020 - DRAFT

AFN COMMUNITY	PROBABILITY			IMPACT				RESOURCES													RELATIVE RISK SCORE Risk = Probability x (Impact - Resources)
	Likelihood of need for assistance by each AFN community			Potential for disproportionate harm to the health and wellbeing of AFN community members				Extent of integration of Access and Functional Needs into all 4 phases of Emergency Management Planning: Mitigation, Preparedness, Response and Recovery													
	SIZE OF EACH AFN COMMUNITY	SUSCEPTIBILITY TO THE EFFECTS OF A DISASTER	HISTORICAL NEED FOR ASSISTANCE IN DISASTERS	SHORT TERM EMERGENCIES 5 HOURS OR LESS	LONGER TERM EMERGENCIES 5 TO 24 HOURS	DISASTERS OF 25 HOURS AND GREATER	EACH AFN COMMUNITY NEEDS ARE ADDRESSED IN THE EOP & IN EM	AFN REPS & SERVICE PROVIDERS PARTICIPATE IN THE PLANNING	AFN AND TRANSPORTATION NEEDS ARE MET	STAFF RECEIVES TRAINING SPECIFIC TO EACH AFN COMMUNITY	EMERGENCY MEDICATION IS AVAILABLE FOR EACH AFN	EMERGENCY MEDICAL SUPPLIES ARE AVAILABLE FOR EACH AFN	DURABLE MEDICAL EQUIPMENT IS AVAILABLE FOR EACH AFN	PATIENT SURGE CAPACITY ESTABLISHED WITH AFN AGENCIES	COMMUNICATION AND DRILLS ESTABLISHED WITH AFN COMMUNITIES AND SAARs	EXERCISES AND DRILLS INCLUDE AFN COMMUNITIES					
Medication Dependent One or two Rx	29.00	2	2	1	1	2	2	1	1	1	2	2	2	2	1	1	3	11.73			
Pregnant High Risk 1st & 2nd trimester	0.09	2	2	1	2	2	1	1	1	0	1	1	1	1	1	3	11.07				
Moderate Injuries Refugees, Asylum Seekers, Undocumented	0.39	2	2	0	1	1	3	3	3	3	n/a	n/a	n/a	3	3	3	11.07				
Diseases HIV/AIDS, TB, etc.	0.69	1	2	2	2	2	3	2	2	1	2	3	2	2	1	4	8.40				
Learning Disability Dyslexia, Dyscalculia, ADHD, Processing Deficits	20.00	2	1	1	2	2	3	3	1	1	3	3	3	2	2	4	8.33				
Individuals Living in Institutionalized and Subacute Care Settings	25.00	2	1	2	2	3	2	2	1	1	1	1	1	2	1	2	7.47				
Individuals Having Low Income	50.00	2	2	0	1	1	1	1	2	1	n/a	n/a	n/a	2	2	2	7.07				
Physical Disability Deaf or Hard of Hearing	15.00	2	1	1	1	1	2	3	3	2	2	2	3	2	3	3	7.00				
Physical Disability Deaf or Hard of Hearing	5.00	2	1	1	1	1	2	3	3	2	2	2	3	2	3	3	7.00				
Physical Disability Speech Disability or Impairment	2.00	2	1	1	1	1	2	3	3	2	2	2	3	2	3	3	7.00				
Mild to Moderate Psychological Disorders Anxiety, Post-Traumatic Stress Disorder, Depression, etc.	10.64	2	1	0	1	2	2	2	2	2	2	2	2	3	2	3	6.40				
Diseases Flu, STDs, Hepatitis B & C	0.65	2	1	1	2	3	1	1	1	1	1	1	1	2	1	2	6.40				
Pregnant Low / Moderate Risk 1st trimester	0.44	2	1	1	1	2	1	1	1	0	1	1	1	1	1	3	4.87				
Low / Moderate Risk 2nd trimester	21.00	1	1	1	1	1	3	3	3	3	n/a	3	3	3	3	3	3.70				

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Pomona Valley Hospital Medical Center
ACCESS AND FUNCTIONAL NEEDS: DISASTER RISK ASSESSMENT
 October, 2020 - DRAFT

AFN COMMUNITY	PROBABILITY			IMPACT				RESOURCES													RELATIVE RISK SCORE Risk = Probability x (Impact - Resources)
	Likelihood of need for assistance by each AFN community			Potential for disproportionate harm to the health and wellbeing of AFN community members				Extent of integration of Access and Functional Needs into all 4 phases of Emergency Management Planning: Mitigation, Preparedness, Response and Recovery													
	SIZE OF EACH AFN COMMUNITY	SUSCEPTIBILITY TO THE EFFECTS OF A DISASTER	HISTORICAL NEED FOR ASSISTANCE IN DISASTERS	SHORT TERM EMERGENCIES 5 HOURS OR LESS	LONGER TERM EMERGENCIES 5 TO 24 HOURS	DISASTERS OF 25 HOURS AND GREATER	EACH AFN COMMUNITY NEEDS ARE ADDRESSED IN THE EOP & IN EM	AFN REPS & SERVICE PROVIDERS PARTICIPATE IN THE PLANNING	AFN AND TRANSPORTATION NEEDS ARE MET	STAFF RECEIVES TRAINING SPECIFIC TO EACH AFN COMMUNITY	EMERGENCY MEDICATION IS AVAILABLE FOR EACH AFN	EMERGENCY MEDICAL SUPPLIES ARE AVAILABLE FOR EACH AFN	DURABLE MEDICAL EQUIPMENT IS AVAILABLE FOR EACH AFN	PATIENT SURGE CAPACITY ESTABLISHED WITH AFN AGENCIES	COMMUNICATION AND DRILLS ESTABLISHED WITH AFN COMMUNITIES AND SAARs	EXERCISES AND DRILLS INCLUDE AFN COMMUNITIES					
Educationally Disadvantaged	14.40	1	1	0	1	1	3	3	3	3	n/a	3	3	3	3	3	3.37				
Moderate Injuries Inpatient and Outpatient	0.02	1	1	2	2	3	0	0	1	0	1	1	1	1	1	2	3.13				
Religious, Ethnic or Cultural Needs and Restrictions	33.00	1	1	0	1	1	3	3	3	3	n/a	n/a	n/a	3	3	3	2.77				
Chronic Condition Alcohol and/or substance abuse	15.00	1	1	1	1	1	3	2	2	1	1	1	1	1	1	3	2.60				
Chronic Condition Victims of all forms of abuse, violence or neglect	0.50	1	1	1	1	1	3	2	2	1	1	1	1	1	1	3	2.60				
Limited English Proficiency or Non-English Speaking	20.00	1	1	0	1	1	2	2	2	2	n/a	2	2	2	2	2	2.47				
Chronic Condition Social nutritional needs, safety restrictions	4.00	1	1	0	1	1	2	1	1	1	2	2	2	2	2	2	2.37				
Pregnant Low / Moderate Risk 1st & 2nd trimester	1.20	1	0	0	0	0	1	1	1	0	1	1	1	1	1	3	1.00				
Emerging Infectious Diseases Lyme, dengue, Zika, West Nile, etc.	0.00	2	0	2	3	3	3	2	4	4	4	4	3	4	2	4	1.00				
TOTAL	5.97	2.45	1.95	1.32	2.08	2.48	1.97	1.85	1.88	1.66	1.57	1.83	1.86	2.17	1.78	2.66	21.93				

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Next: Opportunities for Improvement

- Identify the AFN communities at highest risk; i.e., the hospital's "Top 10" most vulnerable AFN groups
- Meet with representatives of those AFN communities to mutually plan improvements toward lowering risk
- Review Resource ratings throughout the risk assessment; address "4's" (no resources) and "3's" (limited resources)
- Continue integration of AFN throughout EOP and EM P&Ps
- Develop surge plans for AFN communities (beyond COVID)
- Add AFN to exercises and drills; include AFN evaluations in AARs

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Coalition Exercise Ancillary Facilities

AFTER ACTION REPORT DRC – Region 9 Code Black, MCI Drill– Nov 18, 2021

PVHMC Off-sites:

Coordination with Ancillary Facilities that participated in the Shake-Out Exercise were all within a 10mile Radius. These facilities were notified and briefed on what the drill would entail. These facilities were also sent a department packet that included the scenario, sign-in sheets, questions regarding staff and facility's needs, and a disaster sheet. The following center's included: Completed, see separate AAR

Objectives

1. Damage Assessment report impact of operations, life safety, staff, patients, and visitor count
2. Evacuation of Residents/Patients
3. Treatment of Patients

Dialysis Center

- DeVita-Pomona Dialysis
- Mohan Dialysis Center of Covina
- CKS Pomona Dialysis Center
- CKS Azusa Dialysis Center, LLC
- Mohan Dialysis Center of Glendora

Skilled Nursing Facilities

- Gladstone care and rehabilitation center
- Olive vista behavioral health center
- Inland Valley Care and Rehabilitation Center
- Covina Rehabilitation Center
- Mount San Antonio Gardens
- Laurel park behavioral health center
- Woods Health Services (living at Hill Crest)
- Glendora Grand TCU

See documentation for more complete detail. EXPANDED MCI and off-site and DRC critical AAR

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Questions? Comments?

Thank you!

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