

FEMA 2021 National Household Survey - English

Introduction to the Instrument

This survey instrument includes information for both the telephone and web-based versions of the survey. Differences in the instrument are designated by colored text as described below:

- Each answer choice has three columns – the coded value, symbology (e.g., a square bullet to indicate multi-select and a filled-in circle bullet to indicate single-select), and the answer choice text
- Text in **green** will only be displayed in the web version of the survey and will be visible to survey respondents.
- Text in **purple** will only be read by the phone interviewer and will not appear on the web version of the survey.
 - For example, the “Prefer not to answer” answer choice is not included in the web portion of the survey, except for demographics questions. Therefore, “Prefer not to answer” answer choices will be in purple text to indicate they will only be part of the telephone survey.
- Text in normal black will be in both the telephone (will be read by the interviewer) and web survey.
- Text in **blue** indicates instructions for programming both the telephone and web versions of the survey, such as skip and display logic. These instructions will not be visible to survey respondents.
 - **#Exclusive#** refers to survey programming such that a respondent cannot choose another answer choice. Examples include “None” “Don’t know” and “Prefer not to answer.”

#Beginning of Instrument#

#For telephone survey, do not read the “Don’t know” or “Prefer not to answer” answer choices out loud with the other answer choices. The interviewer may select these answer choices if the respondents answer in this manner, but these choices should not be read aloud with the other answer choices as part of the item.

All questions will be forced response, except for the “Optional (please specify)” open text response.

For each row, record the following metadata in the dataset.:

- Group (National Sample, Drought, Power Outage, Thunderstorm, Tsunami, Volcano, Winter Storm)
- Region (Pacific, Mountain, West North Central, West South Central, East North Central, East South Central, New England, Middle Atlantic, South Atlantic, Territories)
- Language of administration (English, Spanish)
- Date and time the survey was taken via Web or administered on the Telephone
- Batch (cohort of survey distributions or email invitation send date)
- Administration Method (Web, Telephone)

National Sample

Introduction

Telephone

Hello, my name is _____ and I am calling from Zogby Analytics on behalf of Federal Emergency Management Agency or FEMA. Your phone number was randomly selected to take a special survey about disaster preparedness and would like to include your opinions. After an initial screening, this survey should take about 15-20 minutes and is completely voluntary.

These questions comply with the Privacy Act of 1974 and have been approved by the Office of Management and Budget under number 1660-0105. If you have any questions about the survey, you can reach a FEMA contact by emailing FEMA-Prepare@fema.dhs.gov.

Web

Welcome to the Federal Emergency Management Agency's (FEMA) National Household Survey (NHS) on disaster preparedness. The NHS seeks to understand how well the American public is prepared for a personal disaster, and measures preparedness actions, attitudes, and motivations. You have been selected to take a special survey about preparation for disasters and we would like to include your opinions. Responses will remain anonymous. This survey should take less than 15 minutes and is completely voluntary.

These questions comply with the Privacy Act of 1974 and have been approved by the Office of Management and Budget under number 1660-0105. If you have any questions about the survey, you can reach a FEMA contact by emailing FEMA-Prepare@fema.dhs.gov.

Eligibility

INTRO1 In order to keep our poll random, please think about everyone living in your household age 18 or older. May I speak with the adult who will celebrate the next birthday?

- 01 • Yes #Continue interview with the adult who will celebrate the next birthday#
- 02 • No #Continue interview with the person who answered the phone#

QNS1 Have I reached you on a landline phone or a cell phone?

- 01 • Landline phone #Continue#
- 02 • Cellphone #Skip to End/Terminate#
- 05 • Business line-landline or cell (volunteered) #Skip to End/Terminate#
- 03 • Don't Know #Skip to End/Terminate#
- 04 • Prefer not to answer #Continue#

LANG Please select your preferred language? Seleccione el idioma que prefiera.

- 01 • English #Continue to English language survey#
- 02 • Español #Continue to Spanish language survey#

COUNTY What county in [state] do you live in?

- 00000 • (____) #Drop down menu selection#
-
- 99997

Age

QNS6 What is your age?

- 01 • Under 18 #Skip to End/Terminate#
- 02 • 18-29
- 03 • 30-39
- 04 • 40-49
- 05 • 50-59
- 06 • 60-69
- 07 • 70-79
- 08 • Over 80
- 100 • Prefer not to answer #Skip to End/Terminate#

Geographic Location

QNSD12_1 What is the name of the state or territory you live in?

- 01-59 • (____) #Answer choices listed in the Appendix. One answer choice per value from 1-59#
- 98 • Don't know #Skip to End/Terminate#
- 99 • Prefer not to answer #Skip to End/Terminate#
- 100 • I do not live in one of the above states or U.S. territories #Skip to End/Terminate#

QNSD13_8 What is your ZIP Code?

- 00000- • (____) #Text entry# #Add numerical validation for exactly 5 digits#
- 99997
- 99998 • Don't know #Skip to End/Terminate#
- 99999 • Prefer not to answer #Skip to End/Terminate#

Stages of Change

SOC1 Have you considered preparing for a disaster?

- 01 • No
- 02 • Maybe
- 03 • Yes
- 04 • Yes, and I have taken steps to prepare
- 05 • Yes, and preparedness is part of my everyday life
- 08 • Don't know
- 09 • Prefer not to answer

ST_STG1 Thinking about preparing yourself for a disaster, which of the following best represents your degree of preparedness?

- 01 • I am NOT prepared, and I do not intend to prepare in the next year
- 02 • I am NOT prepared, but I intend to start preparing in the next year
- 03 • I am NOT prepared, but I intend to get prepared in the next six months
- 04 • I have been prepared for the last year
- 05 • I have been prepared for MORE than a year and I continue preparing
- 08 • Don't know
- 09 • Prefer not to answer

Influencers

#The following text is to be posted on the header of the “Influencers” page# A “disaster” is an event that could threaten lives, disrupt public or emergency services like water and power, or damage property.

Awareness

A3 A “disaster” is an event that could threaten lives, disrupt public or emergency services like water and power, or damage property. In the past year, what information have you read, seen, or heard about how to get better prepared for a disaster? **For each item I read out, please answer yes or no.** **(Select all that apply).**

- 01 Sign up for Alerts and Warnings
- 02 Make a Plan
- 03 Save for a Rainy Day
- 04 Practice Emergency Drills or Habits
- 05 Test Family Communication Plan
- 06 Safeguard Documents
- 07 Plan with Neighbors
- 08 Assemble or Update Supplies
- 09 Get Involved in Your Community
- 10 Make Your Home Safer
- 11 Know Evacuation Routes
- 12 Document and Insure Property
- 13 None #Exclusive#
- 14 Don't know #Exclusive#
- 15 Prefer not to answer #Exclusive#

A3A **#Display if A3 does not equal “None” or “Don’t know” or “Prefer not to answer#** How did you get the information that you read, saw, or heard about getting better prepared for a disaster? **For each item I read out, please answer yes or no.** **(Select all that apply).**

- 01 TV
- 02 Radio
- 03 Online Publications (Websites such Harvard Review, NY Post)
- 04 Social Media (Twitter, Instagram, Facebook, etc.)
- 05 Printed Publications (Newspapers, Magazines)
- 06 Personal Network (Friends, Family, Work or School)
- 08 Don't know #Exclusive#
- 09 Prefer not to answer #Exclusive#

A3B **#Display if A3A does not equal “Don’t know” or “Prefer not to answer”** After receiving the information about how to get better prepared, did you take any steps to prepare for a disaster?

- 01 Yes
- 02 No
- 03 Don't know
- 04 Prefer not to answer

Risk Identification

B101 Different areas of the country are subject to different types of disasters. Will you please identify the types of disasters that would have the biggest impacts where you live? **For each item I read out, please answer yes or no.** **(Select all that apply).**

- 24 Active Shooter
- 25 Avalanche
- 26 Biological Attack
- 27 Chemical Attack
- 28 Cyberattack
- 29 Dam Failure
- 30 Drought

- 06 Earthquake
- 31 Electromagnetic Pulse (EMP)
- 32 Explosion
- 12 Extreme Heat
- 33 Financial Emergency
- 34 Flood (Flash, Inland, Coastal Surge)
- 35 Food or Water Contamination
- 36 Hazmat Release
- 37 Home Fires
- 08 Hurricane
- 19 Landslide
- 38 Nuclear Explosion
- 39 Pandemic
- 40 Power Outage
- 41 Radiological Attack
- 42 Space Weather
- 43 Thunderstorm
- 07 Tornado
- 16 Tsunami
- 44 Typhoon
- 45 Utility Interruption
- 15 Volcano
- 46 Wildfire
- 47 Winter Storm
- 04 • None #Exclusive#
- 02 • Don't know #Exclusive#
- 03 • Prefer not to answer #Exclusive#

L1 A “disaster” is an event that could threaten lives, disrupt public or emergency services like water and power, or damage property. Thinking about the area you live in, how likely would it be for a disaster to impact you?

- 01 • Very Likely
- 02 • Likely
- 03 • Unlikely
- 04 • Don't know
- 05 • Prefer not to answer

Efficacy

Response

C1 How much would taking steps to prepare help you get through a disaster in your area?

- 01 • Not at all
- 02 • Very little
- 03 • Somewhat
- 04 • Quite a bit
- 05 • A great deal
- 08 • Don't know
- 09 • Prefer not to answer

Self Confidence

C2 How confident are you that you can take steps to prepare for a disaster in your area?

- 01 • Not at all confident
- 02 • Slightly confident
- 03 • Somewhat confident
- 04 • Moderately confident

- 05 • Extremely confident
- 08 • Don't know
- 09 • Prefer not to answer

Disaster Experience

GENEXP1 Have you or your family ever experienced the impacts of a disaster?

- 01 • Yes
- 02 • No
- 03 • Don't know
- 04 • Prefer not to answer

EXP2 #Display if GENEXP1 equals "Yes" What type(s) of disaster have you or your family experienced?

For each item I read out, please answer yes or no. (Select all that apply).

- 24 Active Shooter
- 25 Avalanche
- 26 Biological Attack
- 27 Chemical Attack
- 28 Cyberattack
- 29 Dam Failure
- 30 Drought
- 06 Earthquake
- 31 Electromagnetic Pulse (EMP)
- 32 Explosion
- 12 Extreme Heat
- 33 Financial Emergency
- 34 Flood (Flash, Inland, Coastal Surge)
- 35 Food or Water Contamination
- 36 Hazmat Release
- 37 Home Fires
- 08 Hurricane
- 19 Landslide
- 38 Nuclear Explosion
- 39 Pandemic
- 40 Power Outage
- 41 Radiological Attack
- 42 Space Weather
- 43 Thunderstorm
- 07 Tornado
- 16 Tsunami
- 44 Typhoon
- 45 Utility Interruption
- 15 Volcano
- 46 Wildfire
- 47 Winter Storm
- 04 • None #Exclusive#
- 02 • Don't know #Exclusive#
- 03 • Prefer not to answer #Exclusive#

Pandemic Preparedness and Actions

#The following text is to be posted on the header of the "Pandemic Preparedness and Actions" page# A pandemic is a disease outbreak that spans several countries and affects a large number of people.

Pandemics are most often caused by viruses, like COVID-19, which can easily spread from person to person.

L1A A pandemic is a disease outbreak that spans several countries and affects a large number of people. Pandemics are most often caused by viruses, like COVID-19, which can easily spread from person to person. Thinking about the area you live in, how likely would it be for a pandemic to impact you?

- 01 • Very Likely
- 02 • Likely
- 03 • Unlikely
- 04 • Don't know
- 05 • Prefer not to answer

L2 How likely do you think it is that you will experience another pandemic in the future?

- 01 • Very Likely
- 02 • Likely
- 03 • Unlikely
- 04 • Don't know
- 05 • Prefer not to answer

A1 In the past year, what information did you read, see, or hear about how to better prepare for a pandemic? **For each item I read out, please answer yes or no. (Select all that apply).**

- 01 Avoiding Infection
- 02 Basic Survival
- 03 Planning/Preparing
- 04 Protecting Yourself/Family
- 05 Risk Categories
- 06 Testing
- 07 Treatment
- 08 Vaccines
- 09 • None #Exclusive#
- 10 • Don't know #Exclusive#
- 11 • Prefer not to answer #Exclusive#

GENEXPA Prior to COVID-19, had you or your family ever experienced the impacts of a pandemic?

- 01 • Yes
- 02 • No
- 03 • Don't know
- 04 • Prefer not to answer

GENEXPA_1 Have you or your family experienced the impacts of COVID-19?

- 01 • Yes
- 02 • No
- 03 • Don't know
- 04 • Prefer not to answer

PREPA What have you done to prepare for a pandemic in the last year? **For each item I read out, please answer yes or no. (Select all that apply).**

- 01 Sign up for Alerts and Warnings
- 02 Make a Plan
- 03 Save for a Rainy Day
- 04 Practice Emergency Drills or Habits
- 05 Test Family Communication Plan
- 06 Safeguard Documents
- 07 Plan with Neighbors

- 08 Assemble or Update Supplies
- 09 Get Involved in Your Community
- 10 Make Your Home Safer
- 11 Know Evacuation Routes
- 12 Document and Insure Property
- 13 • None #Exclusive#
- 14 • Don't know #Exclusive#
- 15 • Prefer not to answer #Exclusive#

C1_1G How much would taking steps to prepare help you get through a pandemic in your area?

- 01 • Not at all
- 02 • Very little
- 03 • Somewhat
- 04 • Quite a bit
- 05 • A great deal
- 08 • Don't know
- 09 • Prefer not to answer

C2_1G How confident are you that you can take steps to prepare for a pandemic in your area?

- 01 • Not at all confident
- 02 • Slightly confident
- 03 • Somewhat confident
- 04 • Moderately confident
- 05 • Extremely confident
- 08 • Don't know
- 09 • Prefer not to answer

HZ_STG1H Thinking about preparing yourself for any pandemic, which of the following best represents your degree of preparedness?

- 01 • I am NOT prepared, and I do not intend to prepare in the next year
- 02 • I am NOT prepared, but I intend to start preparing in the next year
- 03 • I am NOT prepared, but I intend to get prepared in the next six months
- 04 • I have been prepared for the last year
- 05 • I have been prepared for MORE than a year and I continue preparing
- 08 • Don't know
- 09 • Prefer not to answer

MOTI Having now experienced a pandemic, how motivated do you feel to prepare for future hazards or disasters in general?

- 01 • Less motivated
- 02 • Unchanged
- 03 • More motivated
- 08 • Don't know
- 09 • Prefer not to answer

Preparedness Engagement

Preparedness Actions

PREPB What have you done to prepare for a disaster or emergency in the last year? For each item I read out, please answer yes or no. (Select all that apply).

- 01 Sign up for Alerts and Warnings
- 02 Make a Plan

- 03 Save for a Rainy Day
- 04 Practice Emergency Drills or Habits
- 05 Test Family Communication Plan
- 06 Safeguard Documents
- 07 Plan with Neighbors
- 08 Assemble or Update Supplies
- 09 Get Involved in Your Community
- 10 Make Your Home Safer
- 11 Know Evacuation Routes
- 12 Document and Insure Property
- 13 • None #Exclusive#
- 14 • Don't know #Exclusive#
- 15 • Prefer not to answer #Exclusive#

ALER #Display if PREPB= “Sign up for Alerts and Warnings”# What are the ways that you expect to get real-time alerts and warnings for disasters in your community? #Interviewer, please read each answer choice “App, Email, Face to Face, Radio, Social Media, Text or Phone, TV, or None” aloud and record yes responses for each answer choice# (Select all that apply).

	Source	App	Email	Face to Face	Radio	Social Media	Text or Phone	TV	None #Exclusive#
ALER_1	Commercial Business (Utility Company, Service Provider, Subscription Service)	<input type="checkbox"/>							
ALER_2	Federal Government (FEMA, Ready.gov)	<input type="checkbox"/>							
ALER_3	News (Local, Cable or Weather)	<input type="checkbox"/>							
ALER_4	Nonprofit or Community Group	<input type="checkbox"/>							
ALER_5	Personal Network (Friends, Family, Work or School)	<input type="checkbox"/>							
ALER_6	State, Local, Tribal, or Territorial Government	<input type="checkbox"/>							

EMPL #Display if PREPB= “Make a Plan”# Does your Emergency Plan include any of the following aspects? For each item I read out, please answer yes or no. (Select all that apply).

- 01 Information about how to leave your community for an evacuation
- 02 Information about where to shelter or a safe place you can stay in the event of a disaster
- 03 Checking on your neighbors (those in your neighborhood or apartment building) to make sure they are okay in the event of a disaster

- 04 Process for your household members to get in touch with each other if you are not together when the disaster happens
05 • Don't know #Exclusive#
06 • Prefer not to answer #Exclusive#

SUPP #Display if PREPB= "Assemble or Update Supplies"# How long will the supplies that you have assembled last?

- 01 • Less than 3 days
02 • 3 days to 1 week
03 • More than 1 week
04 • More than 2 weeks
05 • More than 1 month
06 • More than 3 months
07 • Don't know
08 • Prefer not to answer

Other Aspects of Preparedness Actions

POWE How long could you live in your home without power?

- 01 • Zero Days
02 • Less than 3 days
03 • 3 days to 1 week
04 • More than 1 week
05 • More than 2 weeks
06 • More than 1 month
07 • More than 3 months
08 • Don't know
09 • Prefer not to answer

RUNW How long could you live in your home without running water?

- 01 • Zero Days
02 • Less than 3 days
03 • 3 days to 1 week
04 • More than 1 week
05 • More than 2 weeks
06 • More than 1 month
07 • More than 3 months
08 • Don't know
09 • Prefer not to answer

EPSW Are you aware of the Emergency Plan(s) for your school(s), workplace(s), or community center(s) in the event of a disaster?

- 01 • Yes
02 • No
03 • Don't know
04 • Prefer not to answer

TRAN Would you need to rely on public transportation or the local authorities for transportation for evacuation?

- 01 • Yes
02 • No
03 • Don't know
04 • Prefer not to answer

Capacity Building

Community Based Organizations

CB01 How often do you use or rely on any of the following community-based support services?

		Never	Rarely	Occasionally	A Moderate Amount	A Great Deal
CB01_A	Animal Welfare Support	•	•	•	•	•
CB01_B	Childcare Support	•	•	•	•	•
CB01_C	Disability Support	•	•	•	•	•
CB01_D	Emergency Services	•	•	•	•	•
CB01_E	Faith-Based Services	•	•	•	•	•
CB01_F	Financial Support	•	•	•	•	•
CB01_G	Food Pantry or Kitchen	•	•	•	•	•
CB01_H	General Community Services	•	•	•	•	•
CB01_I	Healthcare Support	•	•	•	•	•
CB01_J	Housing Support	•	•	•	•	•
CB01_K	Immigrant or Minority Support	•	•	•	•	•
CB01_L	Legal Aid Clinic or Support Services	•	•	•	•	•
CB01_M	Locally Owned and Operated Small Business	•	•	•	•	•
CB01_N	Senior Support	•	•	•	•	•

CB02 In the event of a disaster or emergency, what type of organization would you expect aid from? **For each item I read out, please answer yes or no. (Select all that apply).**

- 01 Federal Government (FEMA, Small Business Administration, or National Guard)
- 02 Friends or Family
- 03 Insurance Company
- 04 Nonprofit Organization
- 05 State, Local, Tribal or Territorial Government
- 06 • None #Exclusive#
- 07 • Don't know #Exclusive#
- 08 • Prefer not to answer #Exclusive#

CB03 In the event of a disaster or emergency, what type of aid would you expect? **For each item I read out, please answer yes or no. (Select all that apply).**

- 01 Childcare
- 02 Debris Clean-Up
- 03 Financial Assistance
- 04 First Aid
- 05 Food and Water
- 06 Housing or Shelter
- 07 Medical Devices, Supplies or Medication
- 08 Pet Care
- 09 Search and Rescue
- 10 Transportation
- 11 • None #Exclusive#
- 12 • Don't know #Exclusive#
- 13 • Prefer not to answer #Exclusive#

CB04 In the event of a disaster or emergency, how concerned are you about going without the following?

		Extremely Concerned	Very Concerned	Moderately Concerned	Slightly Concerned	Not Concerned
CB04_A	Communications: Infrastructure, Responder Communications, Alerts Warnings and Messages, Finance, 911 and Dispatch	•	•	•	•	•
CB04_B	Energy: Power Grid, Fuel	•	•	•	•	•
CB04_C	Food, Water, Shelter: Food, Water, Shelter, Agriculture	•	•	•	•	•
CB04_D	Hazardous Material: Facilities, HAZMAT, Pollutants, Contaminants	•	•	•	•	•
CB04_E	Health and Medical: Medical Care, Public Health, Patient Movement, Medical Supply Chain, Fatality Management	•	•	•	•	•
CB04_F	Safety and Security: Law Enforcement/Security, Fire Service, Search and Rescue, Government Service, Community Safety	•	•	•	•	•
CB04_G	Transportation: Highway/Roadway/Motor Vehicle, Mass Transit, Railway, Aviation, Maritime	•	•	•	•	•

Youth Preparedness

YP1 Which of the following youth preparedness programs have you heard of? For each item I read out, please answer yes or no. (Select all that apply).

- 01 Prepare with Pedro
- 02 Ready 2 Help
- 03 Student Tools for Emergency Planning (STEP)
- 04 Teen CERT (Community Emergency Response Team)
- 05 None #Exclusive#
- 06 Don't know #Exclusive#
- 07 Prefer not to answer #Exclusive#

YP2 Which types of tools would be most useful in talking to children about preparedness? For each item I read out, please answer yes or no. (Select all that apply).

- 01 Activity books
- 02 Curriculum
- 03 Digital resources
- 04 Games
 - Handouts
 - Story books
- 05 None #Exclusive#
- 06 Don't know #Exclusive#
- 07 Other (specify): _____ #Optional open response#

YP3 Have youth ever initiated a conversation about preparedness with you?

- 01 Yes
- 02 No
- 03 Don't know

- 04 • Prefer not to answer

Citizen Responder

Community Emergency Response Team (CERT)

CERT1 Community Emergency Response Teams (CERTs) are local programs that educate volunteers about disaster preparedness and train them in basic disaster response skills. Does your community have a CERT?

- 01 • Yes
02 • No
03 • Don't know
04 • Prefer not to answer

CERT2 #Display if Cert1="Yes"# How did you learn about your local CERT? For each item I read out, please answer yes or no. (Select all that apply).

- 01 TV
02 Radio
03 Online Publications (Websites such Harvard Review, NY Post)
04 Social Media (Twitter, Instagram, Facebook)
05 Printed Publications (Newspapers, Magazines)
06 Personal Network (Friends, Family, Work or School)
07 Personal Experience (witnessed response efforts or received aid)
11 • None of the above #Exclusive#
08 • Don't know #Exclusive#
09 • Prefer not to answer #Exclusive#

You Are the Help Until Help Arrives

CERT3 After a disaster or emergency, have you ever had to assist someone until professional help arrived?

- 01 • Yes
02 • No
03 • Don't know
04 • Prefer not to answer

Financial Resilience

FINR1 Which of the following actions have you taken to prepare? For each item I read out, please answer yes or no. (Select all that apply).

- 01 Contact a Qualified Financial Counselor
02 Create a Budget
03 Create and Update Emergency Plan for Financial Emergencies
04 Document Property via Photo or Video
05 Invest in an Emergency Savings Account
06 Keep Cash in a Secure Place
07 Keep Important Records and Receipts Safe
08 Learn How to Claim Financial Disaster Assistance/Aid
09 Review Credit Score
10 Secure Finances in Cyberspace by Avoiding Scams and Hacking
11 Review Insurance Coverage
12 • None #Exclusive#

- 13 • Don't know #Exclusive#
14 • Prefer not to answer #Exclusive#

Insurance

FP1 Do you have homeowners or renters insurance for your residence?

- 01 • Yes
02 • No
03 • Don't know
04 • Prefer not to answer

FP5 What type(s) of separate hazard-specific insurance coverage do you have? For each item I read out, please answer yes or no. (Select all that apply).

- 01 Earthquake
02 Fire/Wildfire
03 Flood (through the National Flood Insurance Program or from a private insurance company)
04 Hurricane
05 Tornado
06 Volcano
12 • None #Exclusive#
13 • Don't know #Exclusive#
14 • Prefer not to answer #Exclusive#

#For national sample respondents, skip hazard oversample sections and resume with demographic questions beginning with QNSC7#

#For drought hazard respondents, continue survey with question A3_1#

#For power outage hazard respondents, continue survey with question A3_2#

#For thunderstorm hazard respondents, continue survey with question A3_3#

#For tsunami hazard respondents, continue survey with question A3_4#

#For volcanic eruption hazard respondents, continue survey with question A3_5#

#For winter storm hazard respondents, continue survey with question A3_6#

Hazard Oversamples

Drought

The following text is to be posted on the header of the "Drought" page# A drought results from a period of reduced rainfall.

A3_1 Droughts result from periods of reduced rainfall. In the past year, have you read, seen, or heard any information about how to get better prepared for a drought?

- 01 • Yes
02 • No
03 • Don't know

L1B Droughts result from periods of reduced rainfall. Thinking about the area you live in, how likely would it be for a drought to impact you?

- 01 • Very Likely
02 • Likely
03 • Unlikely
04 • Don't know

GENEXPC Have you or your family ever experienced the impacts of a drought?

- 01 • Yes
02 • No
03 • Don't know

PREPC What have you done to prepare for a drought in the last year? (Select all that apply).

- 01 Sign up for Alerts and Warnings
02 Make a Plan
03 Save for a Rainy Day
04 Practice Emergency Drills or Habits (such as harvesting rainwater or changing bathroom routines)
05 Test Family Communication Plan
06 Safeguard Documents
07 Plan with Neighbors
08 Assemble or Update Supplies
09 Get Involved in Your Community
10 Make Your Home Safer (such as installing water efficiency appliances, utilities or landscaping)
11 Know Evacuation Routes
12 Document and Insure Property
13 • None #Exclusive#
14 • Don't know #Exclusive#

C1_1H How much would taking steps to prepare help you get through a drought in your area?

- 01 • Not at all
02 • Very little
03 • Somewhat
04 • Quite a bit
05 • A great deal
08 • Don't know

C2_1H How confident are you that you can take steps to prepare for a drought in your area?

- 01 • Not at all confident
02 • Slightly confident
03 • Somewhat confident
04 • Moderately confident
05 • Extremely confident
08 • Don't know

HZ_STG1I Thinking about preparing yourself for a drought, which of the following best represents your degree of preparedness?

- 01 • I am NOT prepared, and I do not intend to prepare in the next year
02 • I am NOT prepared, but I intend to start preparing in the next year
03 • I am NOT prepared, but I intend to get prepared in the next six months
04 • I have been prepared for the last year
05 • I have been prepared for MORE than a year and I continue preparing
08 • Don't know

DR01 What are the risks to you in a drought? (Select all that apply.)

- 01 Food shortage
02 Health and safety
03 Economic losses (e.g., income)
04 Fewer recreational activities
05 Residential property deterioration (lawn, trees, shrubs, gardens, etc.)
14 • None
13 • Don't know #Exclusive#

#Skip to demographics section, starting on question QNSC7#

Power Outage

#The following text is to be posted on the header of the “Power Outage” page# A power outage is when the electrical power goes out unexpectedly.

A3_2 A power outage is when the electrical power goes out unexpectedly. In the past year, have you read, seen, or heard any information about how to get better prepared for a power outage?

- 01 • Yes
- 02 • No
- 03 • Don't know

L1C A power outage is when the electrical power goes out unexpectedly. Thinking about the area you live in, how likely would it be for a power outage to impact you?

- 01 • Very Likely
- 02 • Likely
- 03 • Unlikely
- 04 • Don't know

GENEXPD Have you or your family ever experienced the impacts of a power outage?

- 01 • Yes
- 02 • No
- 03 • Don't know

PREPD What have you done to prepare for a power outage in the last year? (Select all that apply).

- 01 Sign up for Alerts and Warnings
- 02 Make a Plan
- 03 Save for a Rainy Day
- 04 Practice Emergency Drills or Habits
- 05 Test Family Communication Plan (without power)
- 06 Safeguard Documents (for access without power)
- 07 Plan with Neighbors
- 08 Assemble or Update Supplies (such as flashlights, batteries or generators)
- 09 Get Involved in Your Community
- 10 Make Your Home Safer
- 11 Know Evacuation Routes
- 12 Document and Insure Property
- 13 • None #Exclusive#
- 14 • Don't know #Exclusive#

POW01 #Display if PREPD=" Assemble or Update Supplies (such as flashlights, batteries or generators)"# What items do you have in your supply kit to prepare for power outages? (Select all that apply).

- 01 Blankets
- 02 Batteries
- 03 Radio
- 04 Non-Perishable Foods
- 05 Generator
- 06 Other (specify):
- 07 • Don't know #Exclusive#

C1_1I How much would taking steps to prepare help you get through a power outage in your area?

- 01 • Not at all
- 02 • Very little
- 03 • Somewhat
- 04 • Quite a bit
- 05 • A great deal
- 08 • Don't know

C2_1I How confident are you that you can take steps to prepare for a power outage in your area?

- 01 • Not at all confident
- 02 • Slightly confident
- 03 • Somewhat confident
- 04 • Moderately confident
- 05 • Extremely confident
- 08 • Don't know

HZ_STG1I Thinking about preparing yourself for a power outage, which of the following best represents your degree of preparedness?

- 01 • I am NOT prepared, and I do not intend to prepare in the next year
- 02 • I am NOT prepared, but I intend to start preparing in the next year
- 03 • I am NOT prepared, but I intend to get prepared in the next six months
- 04 • I have been prepared for the last year
- 05 • I have been prepared for MORE than a year and I continue preparing
- 08 • Don't know

POW02 Are you aware of any risks associated with carbon monoxide from the misuse of generators?

- 01 • Yes
- 02 • No
- 03 • Don't know

POW03 If you have medical devices that require power or medications that require refrigeration, do you know how to operate those devices or safeguard the medications in the event of a power outage?

- 01 • Yes
- 02 • No
- 03 • N/A
- 04 • Don't know

POW04 How long could you survive in your home without power?

- 01 • Less than 3 days
- 02 • 3 days to 1 week
- 03 • More than 1 week
- 04 • More than 2 weeks
- 05 • More than 1 month
- 06 • More than 3 months
- 07 • Don't know

POW05 What is your plan for heat or cooling without power? (Select all that apply).

- 01 Alternative Heating or Cooling Methods (Blankets, Clothing, Water)
- 02 Find A Community Heating or Cooling Shelter
- 03 Other Power Source (Generator)

- 04 Visit Friends or Family Who Have Power
05 • None #Exclusive#
13 • Don't know #Exclusive#

POW06 What is your plan for communication (getting updates) when the power is out? (Select all that apply).

- 01 Conserve Cell Phone Battery
02 Home Backup Power (Generator)
03 Individual Item Backup Power (Battery Pack)
04 Manual Powered Items (Crank Radio)
05 Personal Vehicle Power Sources
06 Talk with Neighbors
07 • None #Exclusive#
13 • Don't know #Exclusive#

#Skip to demographics section, starting on question QNSC7#

Thunderstorm

#The following text is to be posted on the header of the “Thunderstorm” page# Thunderstorms are dangerous storms that include lightning.

A3_3 Thunderstorms are dangerous storms that include lightning. In the past year, have you read, seen, or heard any information about how to get better prepared for a thunderstorm?

- 01 • Yes
02 • No
03 • Don't know

L1D Thunderstorms are dangerous storms that include lightning. Thinking about the area you live in, how likely would it be for a thunderstorm to impact you?

- 01 • Very Likely
02 • Likely
03 • Unlikely
04 • Don't know

GENEXPE Have you or your family ever experienced the impacts of a thunderstorm?

- 01 • Yes
02 • No
03 • Don't know

THUN1 What aspects of a thunderstorm have you had experience with? (Select all that apply).

- 01 Flooding
02 Hail
03 Lightning
04 Power Outage
05 Powerful Wind
06 Tornado
07 • None #Exclusive#
08 • Don't know #Exclusive#

PREPE What have you done to prepare for a thunderstorm in the last year? (Select all that apply).

- 01 Sign up for Alerts and Warnings
- 02 Make a Plan
- 03 Save for a Rainy Day
- 04 Practice Emergency Drills or Habits
- 05 Test Family Communication Plan
- 06 Safeguard Documents
- 07 Plan with Neighbors
- 08 Assemble or Update Supplies
- 09 Get Involved in Your Community
- 10 Make Your Home Safer (such as trimming trees and installing surge protectors)
- 11 Know Evacuation Routes
- 12 Document and Insure Property
- 13 • None #Exclusive#
- 14 • Don't know #Exclusive#

THUN2 #Display if PREPE="Make a Plan" # Does your emergency plan include the location of a safe and effective shelter in case of a severe thunderstorm?

- 01 • Yes
- 02 • No
- 03 • Don't know

C1_1J How much would taking steps to prepare help you get through a thunderstorm in your area?

- 01 • Not at all
- 02 • Very little
- 03 • Somewhat
- 04 • Quite a bit
- 05 • A great deal
- 06 • Don't know

C2_1J How confident are you that you can take steps to prepare for a thunderstorm in your area?

- 01 • Not at all confident
- 02 • Slightly confident
- 03 • Somewhat confident
- 04 • Moderately confident
- 05 • Extremely confident
- 08 • Don't know

HZ_STG1K Thinking about preparing yourself for a thunderstorm which of the following best represents your degree of preparedness?

- 01 • I am NOT prepared, and I do not intend to prepare in the next year
- 02 • I am NOT prepared, but I intend to start preparing in the next year
- 03 • I am NOT prepared, but I intend to get prepared in the next six months
- 04 • I have been prepared for the last year
- 05 • I have been prepared for MORE than a year and I continue preparing
- 08 • Don't know

THUN3 When you hear thunder, what is the most important action to take in order to protect yourself?

- 01 • Check Weather Alerts or Radar
- 02 • Go Indoors
- 03 • Move to an Open Area

- 04 • Travel to an Area Outside of The Storm's Path
05 • Check Weather Alerts or Radar
06 • None
07 • Don't know

#Skip to demographics section, starting on question QNSC7#

Tsunami

#The following text is to be posted on the header of the “Tsunami” page# A tsunami is a series of enormous ocean waves caused by earthquakes, underwater landslides, volcanic eruptions, or asteroids.

A3_4 A tsunami is a series of enormous ocean waves caused by earthquakes, underwater landslides, volcanic eruptions, or asteroids. In the past year, have you read, seen, or heard any information about how to get better prepared for a tsunami?

- 01 • Yes
02 • No
03 • Don't know

TNS1 A tsunami is a series of enormous ocean waves caused by earthquakes, underwater landslides, volcanic eruptions, or asteroids. Thinking about the area you live, work or play in, how likely would it be for a tsunami to impact you?

- 01 • Very Likely
02 • Likely
03 • Unlikely
04 • Don't know

GENEXP Have you or your family ever experienced the impacts of a tsunami?

- 01 • Yes
02 • No
03 • Don't know

PREPF What have you done to prepare for a tsunami in the last year? (Select all that apply).

- 01 Sign up for Alerts and Warnings
02 Make a Plan
03 Save for a Rainy Day
04 Practice Emergency Drills or Habits
05 Test Family Communication Plan
06 Safeguard Documents
07 Plan with Neighbors
08 Assemble or Update Supplies
09 Get Involved in Your Community
10 Make Your Home Safer
11 Know Evacuation Routes
12 Document and Insure Property
13 • None #Exclusive#
14 • Don't know #Exclusive#

C1_1K How much would taking steps to prepare help you get through a tsunami in your area?

- 01 • Not at all
02 • Very little
03 • Somewhat
04 • Quite a bit

- 05 • A great deal
08 • Don't know

C2_1K How confident are you that you can take steps to prepare for a tsunami in your area?

- 01 • Not at all confident
02 • Slightly confident
03 • Somewhat confident
04 • Moderately confident
05 • Extremely confident
08 • Don't know

HZ_STG1L Thinking about preparing yourself for a tsunami, which of the following best represents your degree of preparedness?

- 01 • I am NOT prepared, and I do not intend to prepare in the next year
02 • I am NOT prepared, but I intend to start preparing in the next year
03 • I am NOT prepared, but I intend to get prepared in the next six months
04 • I have been prepared for the last year
05 • I have been prepared for MORE than a year and I continue preparing
08 • Don't know

TSUN1 What are the warning signs of a tsunami? (Select all that apply).

- 01 Earthquake
02 Strong Wind
03 Water Recedes Quickly from The Coast
04 A Roaring Sound
05 Sudden Temperature Change
06 • None #Exclusive#
13 • Don't know #Exclusive#

TSUN2 What is the best action to take to protect yourself if the building you are in starts to shake?

- 01 • Drop, Cover, and Hold On
02 • Get in A Doorway or Doorframe
03 • Run Out of The Building
04 • None
05 • Don't know

#Skip to demographics section, starting on question QNSC7#

Volcanic Eruption

The following text is to be posted on the header of the “Volcanic Eruption” page# A volcano is an opening in the Earth’s crust that allows molten rock, gases, and debris to escape to the surface.

A3_5 A volcano is an opening in the Earth’s crust that allows molten rock, gases, and debris to escape to the surface. In the past year, have you read, seen, or heard any information about how to get better prepared for a volcanic eruption?

- 01 • Yes
02 • No
03 • Don't know

L1E A volcano is an opening in the Earth's crust that allows molten rock, gases, and debris to escape to the surface. Thinking about the area you live in, how likely would it be for a volcanic eruption to impact you?

- 01 • Very Likely
- 02 • Likely
- 03 • Unlikely
- 04 • Don't know

GENEXPG Have you or your family ever experienced the impacts of a volcanic eruption?

- 01 • Yes
- 02 • No
- 03 • Don't know

PREPG What have you done to prepare for a volcanic eruption in the last year? (Select all that apply).

- 01 Sign up for Alerts and Warnings
- 02 Make a Plan
- 03 Save for a Rainy Day
- 04 Practice Emergency Drills or Habits
- 05 Test Family Communication Plan
- 06 Safeguard Documents
- 07 Plan with Neighbors
- 08 Assemble or Update Supplies
- 09 Get Involved in Your Community
- 10 Make Your Home Safer
- 11 Know Evacuation Routes
- 12 Document and Insure Property
- 13 • None #Exclusive#
- 14 • Don't know #Exclusive#

C1_1L How much would taking steps to prepare help you get through a volcanic eruption in your area?

- 01 • Not at all
- 02 • Very little
- 03 • Somewhat
- 04 • Quite a bit
- 05 • A great deal
- 08 • Don't know

C2_1L How confident are you that you can take steps to prepare for a volcanic eruption in your area?

- 01 • Not at all confident
- 02 • Slightly confident
- 03 • Somewhat confident
- 04 • Moderately confident
- 05 • Extremely confident
- 08 • Don't know

HZ_STG1M Thinking about preparing yourself for a volcanic eruption, which of the following best represents your degree of preparedness?

- 01 • I am NOT prepared, and I do not intend to prepare in the next year
- 02 • I am NOT prepared, but I intend to start preparing in the next year
- 03 • I am NOT prepared, but I intend to get prepared in the next six months
- 04 • I have been prepared for the last year
- 05 • I have been prepared for MORE than a year and I continue preparing

08 • Don't know

VOLE1 Which of the following offer breathing protection from volcanic ash?

- 01 • N-95 Respirator
- 02 • Dust Mask
- 03 • Wet Cloth or Rag
- 04 • None
- 05 • Don't know

VOLE2 Which of the following elements of a volcanic eruption are a concern for you? (Select all that apply).

- 01 Molten Lava
- 02 Falling or Windblown Ash
- 03 Rubble and Debris
- 04 Toxic Gases or Other Contaminants
- 06 • None
- 05 • Don't know

#Skip to demographics section, starting on question QNSC7#

Winter Storm

#The following text is to be posted on the header of the “Winter Storm” page# Winter storms and blizzards can bring extreme cold, freezing rain, snow, ice, and high winds.

A3_6 Winter storms and blizzards can bring extreme cold, freezing rain, snow, ice, and high winds. In the past year, have you read, seen, or heard any information about how to get better prepared for a winter storm?

- 01 • Yes
- 02 • No
- 03 • Don't know

L1F Winter storms and blizzards can bring extreme cold, freezing rain, snow, ice, and high winds. Thinking about the area you live in, how likely would it be for a winter storm to impact you?

- 01 • Very Likely
- 02 • Likely
- 03 • Unlikely
- 04 • Don't know

GENEXPH Have you or your family ever experienced the impacts of a winter storm?

- 01 • Yes
- 02 • No
- 03 • Don't know

PREPH What have you done to prepare for a winter storm in the last year? (Select all that apply).

- 01 Sign up for Alerts and Warnings
- 02 Make a Plan
- 03 Save for a Rainy Day
- 04 Practice Emergency Drills or Habits
- 05 Test Family Communication Plan
- 06 Safeguard Documents

- 07 Plan with Neighbors
- 08 Assemble or Update Supplies
- 09 Get Involved in Your Community
- 10 Make Your Home Safer (Insulation, Caulking or Weather Stripping)
- 11 Know Evacuation Routes
- 12 Document and Insure Property
- 13 • None #Exclusive#
- 14 • Don't know #Exclusive#

WINS1 #Display if PREPH=" Assemble or Update Supplies"# In what scenarios would you have access to the supplies you have assembled? (Select all that apply).

- 01 While at Home
- 02 While in a Personal Vehicle
- 03 While Traveling
- 04 While at Work
- 05 While Visiting Others
- 08 • Don't know

WINS2 #Display if PREPH=" Make Your Home Safer (Insulation, Caulking or Weather Stripping)"# Which of the following have you done in your home? (Select all that apply).

- 01 Caulk Structural Gaps or Drafts
- 02 Inspect and Improve Insulation
- 03 Install and Test Carbon Monoxide Detectors
- 04 Install and Test Smoke Alarms
- 05 Install Weather Stripping
- 08 • None #Exclusive#
- 09 • Don't know #Exclusive#

WINS3 For which of the following would you need assistance? (Select all that apply).

- 01 Recognizing Signs of Frostbite
- 02 Treating Frostbite
- 03 Recognizing Signs of Hypothermia
- 04 Treating Hypothermia
- 05 • None #Exclusive#
- 08 • Don't know #Exclusive#

C1_1M How much would taking steps to prepare help you get through a winter storm in your area?

- 01 • Not at all
- 02 • Very little
- 03 • Somewhat
- 04 • Quite a bit
- 05 • A great deal
- 08 • Don't know

C2_1M How confident are you that you can take steps to prepare for a winter storm in your area?

- 01 • Not at all confident
- 02 • Slightly confident
- 03 • Somewhat confident
- 04 • Moderately confident
- 05 • Extremely confident

- 08 • Don't know

HZ_STG1N Thinking about preparing yourself for a winter storm, which of the following best represents your degree of preparedness?

- 01 • I am NOT prepared, and I do not intend to prepare in the next year
- 02 • I am NOT prepared, but I intend to start preparing in the next year
- 03 • I am NOT prepared, but I intend to get prepared in the next six months
- 04 • I have been prepared for the last year
- 05 • I have been prepared for MORE than a year and I continue preparing
- 08 • Don't know

WINS4 In the event of a winter storm, which of the following are you most concerned about? ([Select all that apply](#)).

- 01 Car Accidents
- 02 Carbon Monoxide Poisoning
- 03 Frostbite
- 04 Heart Attacks
- 05 Hypothermia
- 06 Power Outage
- 07 • None #Exclusive#
- 13 • Don't know #Exclusive#

Demographics

Gender

QNSC7 What is your sex or gender?

- 01 • Male
- 02 • Female
- 03 • Non-binary / third gender
- 04 • I use another term (specify): _____ #Optional open response#
- 05 • I prefer not to say
- 06 • Don't know

Education

D2 What is your highest completed level of education?

- 01 • Less than high school diploma
- 02 • High school degree or diploma
- 03 • Some college, no degree
- 04 • Associate's degree
- 05 • Bachelor's degree
- 06 • Post graduate work/degree or professional degree
- 07 • Don't know
- 08 • Prefer not to answer

D2_1 Did you attend a technical trade, or vocational school?

- 01 • Yes
- 02 • No
- 03 • Don't know
- 04 • Prefer not to answer

Race & Ethnicity

D3 Are you of Hispanic, Latino, or Spanish origin?

- 01 • Yes
- 02 • No
- 03 • Don't know
- 04 • Prefer not to answer

D4 Which of the following describes your race? You may select one or more.

- 01 White
- 02 Black or African American
- 03 Asian
- 04 American Indian or Alaska Native
- 05 Native Hawaiian or Pacific Islander
- 06 Other (specify): _____ #Optional open response#
- 07 • Don't know #Exclusive#
- 08 • Prefer not to answer #Exclusive#

Abilities: Access and Functional Needs and Caretakers

D4A Do you have a disability or a health condition that might affect your capacity to respond to an emergency situation (a mobility, hearing, vision, cognitive, or intellectual disability or physical, mental, or health condition)?

- 01 • Yes
- 02 • No
- 03 • Don't know
- 04 • Prefer not to answer

D4B Do you currently live with or have primary responsibility for assisting an elderly person or someone with a disability who requires assistance (a mobility, hearing, vision, cognitive, or intellectual disability or physical, mental, or health condition)?

- 01 • Yes
- 02 • No
- 03 • Don't know
- 04 • Prefer not to answer

Household Composition

D5 Including yourself, how many people live in your household?

- 1-97 • (____) #Text entry# #Add numerical validation for 1 or 2 digits#
- 98 • Don't know
- 99 • Prefer not to answer

D6 How many household members are children under the age of 18?

- 0-97 • (____) #Text entry# #Add numerical validation for 1 or 2 digits#
- 98 • Don't know
- 99 • Prefer not to answer

D6A #Display if D6 equals a numerical entry greater than 0# Does at least one of the children currently attend a school outside of your home, including day-care or part-time kindergarten?

- 01 • Yes
- 02 • No

- 03 • Don't know
- 04 • Prefer not to answer

D6B #Display if D6A equals "Yes" # Are you aware of the Emergency Plan(s) of the school(s), including evacuation locations and how to get information about the child if a disaster occurs?

- 01 • Yes
- 02 • No
- 04 • Prefer not to answer

English Proficiency

D16 What is the primary or main language spoken among those living in your household?

- 01 • English
- 02 • Spanish
- 03 • Chinese (Traditional)
- 04 • Chinese (Simplified)
- 05 • Vietnamese
- 06 • Korean
- 07 • Other (specify): _____ #Optional open response#
- 08 • Don't know
- 09 • Prefer not to answer

Telephone Usage

D12 Of all the telephone calls your household receives:

- 01 • All or almost all calls are received on cell phones
- 02 • Some are received on cell phones and some on landline phones
- 03 • Very few or none are received on cell phones
- 04 • Don't know
- 05 • Prefer not to answer

Home Ownership

D8 Do you rent or own your home?

- 01 • Rent
- 02 • Own
- 03 • Other (specify): _____ #Optional open response#
- 04 • Don't know
- 05 • Prefer not to answer

D18 How much do you spend each month on rent or mortgage?

- 01 • \$0 - \$500
- 02 • \$501 - \$750
- 03 • \$751 - \$1,000
- 04 • \$1,000 - \$1,500
- 05 • \$1,501 - \$2,000
- 06 • \$2,001 - \$2,500
- 07 • \$2,501 - \$3,000
- 08 • More than \$3,000
- 98 • Don't know
- 99 • Prefer not to answer

D17 What best describes the type of home you live in?

- 01 • Multi-unit apartment complex or condo with a basement
- 02 • Multi-unit apartment complex or condo without a basement
- 03 • Single-unit home with a basement
- 04 • Single-unit home without a basement
- 05 • Manufactured home
- 06 • Other (specify): _____ #Optional open response#
- 07 • Don't know
- 08 • Prefer not to answer

Income

D19 Which of the following describes your total household ANNUAL income before taxes? Please include income from wages and salaries, remittances from family members living elsewhere, farming, and all other sources.

- 01 • Less than \$10,000
- 02 • \$10,000 to \$19,999
- 03 • \$20,000 to \$29,999
- 04 • \$30,000 to \$39,999
- 05 • \$40,000 to \$49,999
- 06 • \$50,000 to \$59,999
- 07 • \$60,000 to \$69,999
- 08 • \$70,000 to \$79,999
- 09 • \$80,000 to \$89,999
- 10 • \$90,000 to \$99,999
- 11 • \$100,000 to \$149,999
- 12 • \$150,000 to \$250,000
- 13 • More than \$250,000
- 14 • Don't know
- 15 • Prefer not to answer

Employment

D20 Are you currently employed? If not, how long have you been unemployed?

- 01 • Yes
- 02 • No, I have been unemployed for less than 1 month
- 03 • No, I have been unemployed for 1-2 months
- 04 • No, I have been unemployed for 2-6 months
- 05 • No, I have been unemployed for 6 months – 1 year
- 06 • No, I have been unemployed for more than 1 year
- 07 • No, I am retired
- 08 • Not in the labor force, and not retired (e.g. student, stay-at-home spouse)
- 09 • In Armed Forces
- 10 • Prefer not to answer

Survey End

Telephone

This completes the interview. Thank you for taking the time to answer these questions. Again, this is (INTERVIEWER NAME), with Zogby Analytics. On behalf of FEMA, I would like to thank you for your time. Your input is vital to helping FEMA help the nation get prepared for and know what to do during emergencies and disasters.

Web

Thank you for taking the time to answer the NHS 2021. Your input is vital to helping FEMA help the nation get prepared for and know what to do during emergencies and disasters.

#End of Instrument#

Appendix

State and Territory Values

QNSD12_1

Value	Label	Value	Label
01	Alabama	36	New York
02	Alaska	37	North Carolina
04	Arizona	38	North Dakota
05	Arkansas	39	Ohio
06	California	40	Oklahoma
08	Colorado	41	Oregon
09	Connecticut	42	Pennsylvania
10	Delaware	44	Rhode Island
11	Washington D.C.	45	South Carolina
12	Florida	46	South Dakota
13	Georgia	47	Tennessee
15	Hawaii	48	Texas
16	Idaho	49	Utah
17	Illinois	50	Vermont
18	Indiana	51	Virginia
19	Iowa	53	Washington
20	Kansas	54	West Virginia
21	Kentucky	55	Wisconsin
22	Louisiana	56	Wyoming
23	Maine	57	Guam
24	Maryland	58	Puerto Rico
25	Massachusetts	59	U.S. Virgin Islands
26	Michigan		
27	Minnesota		
28	Mississippi		
29	Missouri		
30	Montana		
31	Nebraska		
32	Nevada		
33	New Hampshire		
34	New Jersey		
35	New Mexico		

Hazard-Specific Sampling

Thunderstorm Sample Counties FIPS codes

Apache, AZ, (04001)	Indian River, FL, (12061)
Baltimore, MD, (24510)	Kings, NY, (36047)
Bay, FL, (12005)	Lee, FL, (12071)
Brevard, FL, (12009)	Manatee, FL, (12081)
Bronx, NY, (36005)	Maricopa, AZ, (04013)
Broward, FL, (12011)	Marion, FL, (12083)
Charlotte, FL, (12015)	Marion, IN, (18097)
Coconino, AZ, (04005)	Miami-Dade, FL, (12086)
Collier, FL, (12021)	Mobile, AL, (01097)
Cook, IL, (17031)	New York, NY, (36061)
Cuyahoga, OH, (39035)	Orange, FL, (12095)
Dallas, TX, (48113)	Orleans, LA, (22071)
Doña Ana, NM, (35013)	Palm Beach, FL, (12099)
Duval, FL, (12031)	Pasco, FL, (12101)
El Paso, CO, (08041)	Philadelphia, PA, (42101)
El Paso, TX, (48141)	Pima, AZ, (04019)
Escambia, FL, (12033)	Pinellas, FL, (12103)
Essex, NJ, (34013)	Polk, FL, (12105)
Gila, AZ, (04007)	Rio Arriba, NM, (35039)
Gwinnett, GA, (13135)	Suffolk, MA, (25025)
Harris, TX, (48201)	Sumter, FL, (12119)
Highlands, FL, (12055)	Volusia, FL, (12127)
Hillsborough, FL, (12057)	Wayne, MI, (26163)
Horry, SC, (45051)	Wyandotte, KS, (20209)
Hudson, NJ, (34017)	Yavapai, AZ, (04025)

Winter Weather Sample Counties FIPS codes

Baltimore, MD, (24510)	Marion, IN, (18097)
Baxter, AR, (05005)	McKinley, NM, (35031)
Bronx, NY, (36005)	Montgomery, KS, (20125)
Butler, MO, (29023)	New York, NY, (36061)
Cameron, TX, (48061)	Nome, AK, (02180)
Chaves, NM, (35005)	Oglala Lakota, SD, (46102)
Cook, IL, (17031)	Passaic, NJ, (34031)
Cuyahoga, OH, (39035)	Philadelphia, PA, (42101)
Dallas, TX, (48113)	Potter, TX, (48375)
Delaware, OK, (40041)	Pulaski, AR, (05119)
Douglas, NE, (31055)	Queens, NY, (36081)
El Paso, TX, (48141)	Richmond, GA, (13245)
Essex, NJ, (34013)	Roberts, SD, (46109)
Garland, AR, (05051)	Robeson, NC, (37155)
Genesee, MI, (26049)	Rolette, ND, (38079)

Guilford, NC, (37081)	Sebastian, AR, (05131)
Hamilton, OH, (39061)	Sedgwick, KS, (20173)
Harris, TX, (48201)	Shawnee, KS, (20177)
Hidalgo, TX, (48215)	St. Clair, IL, (17163)
Hudson, NJ, (34017)	St. Louis, MO, (29510)
Jackson, MO, (29095)	Starr, TX, (48427)
Kay, OK, (40071)	Taney, MO, (29213)
Kings, NY, (36047)	Todd, SD, (46121)
Lancaster, NE, (31109)	Wayne, MI, (26163)
Lenoir, NC, (37107)	Wyandotte, KS, (20209)

Drought Sample Counties FIPS codes

Adair, OK, (40001)	Lamb, TX, (48279)
Bailey, TX, (48017)	Le Flore, OK, (40079)
Castro, TX, (48069)	Lubbock, TX, (48303)
Chaves, NM, (35005)	Luna, NM, (35029)
Cimarron, OK, (40025)	Lynn, TX, (48305)
Colfax, NM, (35007)	Maricopa, AZ, (04013)
Collingsworth, TX, (48087)	McCurtain, OK, (40089)
Colusa, CA, (06011)	Merced, CA, (06047)
Cottle, TX, (48101)	Moore, TX, (48341)
Crosby, TX, (48107)	Parmer, TX, (48369)
Curry, NM, (35009)	Quay, NM, (35037)
Deaf Smith, TX, (48117)	Riverside, CA, (06065)
Decatur, KS, (20039)	Roosevelt, NM, (35041)
Doña Ana, NM, (35013)	San Joaquin, CA, (06077)
Donley, TX, (48129)	Santa Barbara, CA, (06083)
Furnas, NE, (31065)	Sierra, NM, (35051)
Glenn, CA, (06021)	Socorro, NM, (35053)
Greeley, KS, (20071)	Stanislaus, CA, (06099)
Hale, TX, (48189)	Starr, TX, (48427)
Hall, TX, (48191)	Terry, TX, (48445)
Hemphill, TX, (48211)	Texas, OK, (40139)
Hempstead, AR, (05057)	Ventura, CA, (06111)
Highlands, FL, (12055)	Webster, NE, (31181)
Howard, AR, (05061)	Wichita, KS, (20203)
Imperial, CA, (06025)	Zavala, TX, (48507)

Volcano Sample Counties FIPS codes

Aleutians East, AK, (02013)	Mariposa, CA, (06043)
Butte, CA, (06007)	Mason, WA, (53045)
Chelan, WA, (53007)	Maui, HI, (15009)
Clackamas, OR, (41005)	Mineral, NV, (32021)
Clark, WA, (53011)	Modoc, CA, (06049)

Columbia, OR, (41009)	Mono, CA, (06051)
Cowlitz, WA, (53015)	Multnomah, OR, (41051)
Douglas, WA, (53017)	Okanogan, WA, (53047)
Hawaii, HI, (15001)	Pierce, WA, (53053)
Hood River, OR, (41027)	Plumas, CA, (06063)
Inyo, CA, (06027)	San Juan, WA, (53055)
Island, WA, (53029)	Shasta, CA, (06089)
Jackson, OR, (41029)	Siskiyou, CA, (06093)
Jefferson, OR, (41031)	Skagit, WA, (53057)
Kalawao, HI, (15005)	Skamania, WA, (53059)
Kenai Peninsula, AK, (02122)	Snohomish, WA, (53061)
King, WA, (53033)	Tehama, CA, (06103)
Kitsap, WA, (53035)	Thurston, WA, (53067)
Kittitas, WA, (53037)	Trinity, CA, (06105)
Klamath, OR, (41035)	Tuolumne, CA, (06109)
Klickitat, WA, (53039)	Wahkiakum, WA, (53069)
Lake and Peninsula, AK, (02164)	Wasco, OR, (41065)
Lewis, WA, (53041)	Washington, OR, (41067)
Madera, CA, (06039)	Whatcom, WA, (53073)
Marion, OR, (41047)	Yakima, WA, (53077)

Tsunami Sample Counties FIPS codes

Alameda, CA, (06001)	Marin, CA, (06041)
Aleutians East, AK, (02013)	Mason, WA, (53045)
Aleutians West, AK, (02016)	Maui, HI, (15009)
Clallam, WA, (53009)	Mendocino, CA, (06045)
Clatsop, OR, (41007)	Monterey, CA, (06053)
Coos, OR, (41011)	Napa, CA, (06055)
Curry, OR, (41015)	Orange, CA, (06059)
Del Norte, CA, (06015)	Pacific, WA, (53049)
Douglas, OR, (41019)	Pierce, WA, (53053)
Grays Harbor, WA, (53027)	San Diego, CA, (06073)
Hawaii, HI, (15001)	San Francisco, CA, (06075)
Honolulu, HI, (15003)	San Juan, WA, (53055)
Hoonah-Angoon, AK, (02105)	San Luis Obispo, CA, (06079)
Humboldt, CA, (06023)	San Mateo, CA, (06081)
Island, WA, (53029)	Santa Barbara, CA, (06083)
Jefferson, WA, (53031)	Santa Cruz, CA, (06087)
Juneau, AK, (02110)	Sitka, AK, (02220)
Kalawao, HI, (15005)	Skagit, WA, (53057)
Kauai, HI, (15007)	Solano, CA, (06095)
Kenai Peninsula, AK, (02122)	Sonoma, CA, (06097)
King, WA, (53033)	Tillamook, OR, (41057)
Kodiak Island, AK, (02150)	Valdez-Cordova, AK, (02261)
Lane, OR, (41039)	Ventura, CA, (06111)

Lincoln, OR, (41041)
Los Angeles, CA, (06037)

Whatcom, WA, (53073)
Yakutat, AK, (02282).

Power Outage Sample FIPS codes

Continental US	Baltimore, MD, (24510)	Jackson, MO, (29095)	Potter, TX, (48375)
	Baxter, AR, (5005)	Kings, NY, (36047)	Providence, RI, (44007)
	Bexar, TX, (48029)	Lee, FL, (12071)	Queens, NY, (36081)
	Bronx, NY, (36005)	Los Angeles, CA, (06037)	Riverside, CA, (06065)
	Broward, FL, (12011)	Lubbock, TX, (48303)	Rolette, ND, (38079)
	Coconino, AZ, (04005)	Maricopa, AZ, (04013)	San Bernardino, CA, (06071)
	Collier, FL, (12021)	Marion, FL, (12083)	San Diego, CA, (06073)
	Cook, IL, (17031)	Martin, FL, (12085)	Shelby, TN, (47157)
	Davidson, TN, (47037)	Miami-Dade, FL, (12086)	St. Louis, MO, (29510)
	Denver, CO, (8031)	Navajo, AZ, (04017)	St. Lucie, FL, (12111)
	East Baton Rouge, LA, (22033)	New York, NY, (36061)	Suffolk, MA, (25025)
	El Paso, TX, (48141)	Orange, FL, (12095)	Val Verde, TX, (48465)
	Essex, NJ, (34013)	Orleans, LA, (22071)	Volusia, FL, (12127)
	Fresno, CA, (06019)	Osceola, FL, (12097)	Wayne, MI, (26163)
	Gila, AZ, (04007)	Palm Beach, FL, (12099)	Wyandotte, KS, (20209)
	Hidalgo, TX, (48215)	Philadelphia, PA, (42101)	Yavapai, AZ, (04025)
	Hudson, NJ, (34017)	Pima, AZ, (04019)	
	Indian River, FL, (12061)	Polk, FL, (12105)	
Puerto Rico	Adjuntas, PR, (72001)	Fajardo, PR, (72053)	Naguabo, PR, (72103)
	Aguada, PR, (72003)	Florida, PR, (72054)	Naranjito, PR, (72105)
	Aguadilla, PR, (72005)	Guánica, PR, (72055)	Orocovis, PR, (72107)
	Aguas Buenas, PR, (72007)	Guayama, PR, (72057)	Patillas, PR, (72109)
	Aibonito, PR, (72009)	Guayanilla, PR, (72059)	Peñuelas, PR, (72111)
	Añasco, PR, (72011)	Guaynabo, PR, (72061)	Ponce, PR, (72113)
	Arecibo, PR, (72013)	Gurabo, PR, (72063)	Quebradillas, PR, (72115)
	Arroyo, PR, (72015)	Hatillo, PR, (72065)	Rincón, PR, (72117)
	Barceloneta, PR, (72017)	Hormigueros, PR, (72067)	Río Grande, PR, (72119)
	Barranquitas, PR, (72019)	Humacao, PR, (72069)	Sabana Grande, PR, (72121)
	Bayamón, PR, (72021)	Isabela, PR, (72071)	Salinas, PR, (72123)
	Cabo Rojo, PR, (72023)	Jayuya, PR, (72073)	San Germán, PR, (72125)
	Caguas, PR, (72025)	Juana Díaz, PR, (72075)	San Lorenzo, PR, (72129)

	Camuy, PR, (72027)	Juncos, PR, (72077)	San Sebastián, PR, (72131)
	Canóvanas, PR, (72029)	Lajas, PR, (72079)	Santa Isabel, PR, (72133)
	Carolina, PR, (72031)	Lares, PR, (72081)	Toa Alta, PR, (72135)
	Cataño, PR, (72033)	Las Marías, PR, (72083)	Toa Baja, PR, (72137)
	Cayey, PR, (72035)	Las Piedras, PR, (72085)	Trujillo Alto, PR, (72139)
	Ceiba, PR, (72037)	Loíza, PR, (72087)	Utuado, PR, (72141)
	Ciales, PR, (72039)	Luquillo, PR, (72089)	Vega Alta, PR, (72143)
	Cidra, PR, (72041)	Manatí, PR, (72091)	Vega Baja, PR, (72145)
	Coamo, PR, (72043)	Maricao, PR, (72093)	Villalba, PR, (72149)
	Comerío, PR, (72045)	Maunabo, PR, (72095)	Yabucoa, PR, (72151)
	Corozal, PR, (72047)	Mayagüez, PR, (72097)	Yauco, PR, (72153)
	Culebra, PR, (72049)	Moca, PR, (72099)	San Juan, PR, (72127)
	Dorado, PR, (72051)	Morovis, PR, (72101)	Vieques, PR, (72147)