



**NEW MEXICO ENVIRONMENT DEPARTMENT
RADIATION CONTROL BUREAU
PUBLIC INVOLVEMENT PLAN
(PIP)**



Facility Name: Apache Corporation

Facility Location: UTM Coordinates 32.789687, -103.498904
New Mexico
Section 31, Township 17S, Range 35E

Responsible Party: Larry Baker, Environmental Tech. Sr. Staff
Apache Corporation
303 Veterans Airpark Lane
Midland, Texas 78705

Agency: New Mexico Environmental Department
Radiation Control Bureau

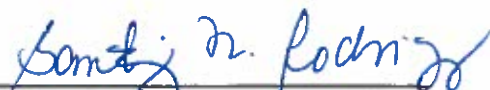
RCB Action: Licensing – New

Bureau Contact: Victor Diaz, Environmental Scientist - Specialist
(505) 476-8601
Victor.Diaz@env.nm.gov

Main bureau telephone number:
(505) 476-8600

EFFECTIVE DATE: January 24, 2023

REVISION DATE: N/A


Santiago Rodriguez, Bureau Chief
Radiation Control Bureau
New Mexico Environment Department

Element 1 – Public Involvement Plan (PIP) Overview

The New Mexico Environment Department (NMED or Department), Radiation Control Bureau (Bureau or RCB), has developed the PIP for the application for a New Radioactive Material License for Apache Corporation located at 303 Veterans Airpark Lane Midland, Texas 78705 with Facilities and Equipment Associated with regulated Naturally Occurring Radioactive Material (NORM) located at UTM Coordinates 32.789687, -103.498904, New Mexico.

The purpose of this PIP is to plan to provide public participation opportunities and information that the community may need to participate in the licensing process for this facility. This PIP identifies information about the community and resources required by the Bureau to incorporate community participation activities into the decision-making process. This PIP is developed following the Department's *Public Participation Policy* (Policy 07-13 or Policy) and includes the requirements of the Policy, as well as applicable regulatory and statutory public participation requirements.

This PIP implements the “elements” outlined in the Policy. Those elements include:

1. An overview of the Public Involvement Plan for the community affected by the activity
2. Bureau contact names and contact information, specifically for Limited English Proficiency (LEP) language assistance services (e.g., translation, interpreters) or for disability accommodations
3. A summary of the regulatory public participation framework associated with radioactive material licenses
4. A description of community/stakeholder groups based on results of a preliminary environmental justice (EJ) screening
5. Details about planned public outreach activities

The Bureau will adhere to the public participation requirements for the licensing process by following this PIP, which includes all applicable policy, regulatory, and statutory public notice and participation requirements. The PIP identifies the Department staff and resources needed to accomplish these activities.

Upon determination of the Radioactive Material Licensing Application for Apache Corporation a new license for storage and transfer of Naturally Occurring Radioactive Materials (NORM) as a byproduct in the oils and gas operations at temporary job sites within the State of New Mexico, the Department will give notice pursuant to Subsection B of 20.3.3.310 NMAC Public Notices, Participation and Hearing. Subsection B, Paragraph (2) provides notifications to the public published in at least one newspaper of general circulation in the area of the proposed activity for the new license application and other newspapers, as deemed appropriate by the Department Secretary. Also, the Department will post an electronic Public Notice in English and Spanish on its website <https://www.env.nm.gov/rcb/public-notice-of-radioactive-material-licensing-actions/> for the period defined in this PIP.

The Public comment period pursuant to 20.3.3.310 NMAC, Subsection E, for the New License Application is deemed administratively complete when posted for at least 30 days. During the 30 days, any interested person may submit written comments or questions about the new license application. If the Secretary determines there is significant public interest or there is a need to resolve issues not resolvable in writing, the Secretary shall order a public hearing to be held to guide any matter relevant to the license proceeding. Any such public hearing shall be conducted pursuant to the hearing procedures in 20.1.4 NMAC.

Notice of the public hearing shall be given at least 30 days before the hearing to the persons and in the manner specified in Subsection C, 20.1.4.200 NMAC.

If the Secretary determines the questions are relevant to the requirements in 20.3.3.307 NMAC, 20.3.3.308 NMAC, and any specific requirements for the type of new license application requested, the Secretary shall require the applicant to answer them.

The notices shall include the following:

- (1) the name and address of the applicant;
- (2) the location of the proposed activity;
- (3) a brief description of the procedures to be followed by the Secretary in making a final determination;
- (4) a brief description of the proposed activity;
- (5) the time within which written comments and requests for public hearings will be accepted; and
- (6) the means by which interested persons may obtain further information;
- (7) the following sample notice satisfies these requirements:

PUBLIC NOTICE

The New Mexico Environment Department (NMED or Department) has received a new license application for Radioactive Material License from Apache Corporation, to store and transfer naturally occurring radioactive materials (NORM) at their Facility located at UTM Coordinates 32.789687, -103.498904, New Mexico.

During the early part of the evaluation period, the Department will review and comment on the new license application for Radioactive Material License. NMED may, at its discretion, retain consultants to assist it in its evaluation of the new license application for Radioactive Material License. NMED will forward any relevant comments and questions received from various agencies and interested parties to the applicant for its response. Correspondence associated with the new license application for Radioactive Material License will be on file with the Radiation Control Bureau. It will be available for inspection by the applicant and any other interested parties (refer to Element 2 of this PIP). The Department has required the applicant to provide complete plans and other materials addressing, among other things, the public health, safety, and environmental aspects of the proposed activity. The Department will analyze the new license application carefully. The review process of this application analysis is to ensure there are no deficiencies.

Ensure the new license application for Radioactive Material License meets all applicable requirements. There is no reason to believe the operation will violate any laws or regulations. If the Department approves the new application, it will issue a new Radioactive Material License to expire on March 30, 2028. Periodic inspections will be conducted of the activities of all licensees to ensure compliance with regulations and license conditions. The new application is available for review at NMED's office of the Radiation Control Bureau in Santa Fe, New Mexico (refer to Element 2 of this PIP).

The review period will require approximately one month. Written comments and requests for a public hearing are acceptable for thirty days after the publication of this notice. Direct written comments regarding this licensee's new application to the Radiation Control Bureau, Environment Department, Attention of Victor Diaz, P.O. Box 5469, Santa Fe, New Mexico 87502-5469.

Community participation needs have been assessed in developing this PIP to ensure the appropriate promotion of public outreach by identifying whether there is a combination of environmental and demographic factors (i.e., low-income community, minority community, limited English proficiency individuals, linguistically isolated households) possibly impacting public participation (refer to Element 3 of this PIP). This assessment identifies community outreach needs and provides for public access opportunities above and beyond statutorily regulated requirements, and underscores the provision of adequate public access to information about the licensing process.

The Apache Corporation site is in a city with a relatively large community of Spanish speakers. The Bureau will provide pertinent information in both English and Spanish in public notices and related announcements.

At any time during the new licensing process, the Applicant and relevant documents may be reviewed at the repository identified in Element 2 — Bureau contact of this document.

The Chief of the Radiation Control Bureau provides the final approval of the PIP and amendments. This PIP is a "living" document able to be amended after considering public comments and feedback.

The Bureau plans to conduct the public involvement activities related to the licensing process outlined in the *Table of Public Involvement Activities* below. The activity timeline and dates are tentative and subject to change.

Table of Public Involvement Activities

Activity	Date
Application Notice Public Notice of filing an application with RCB (notice performed by Applicant.)	November 30, 2022
Placement of a hardcopy of the PIP in the local NMED office: NMED Santa Fe 1100 St. Francis Drive Santa Fe, NM 87505 (505) 476-8600	March 21, 2023
Distribute PIP (website)	TBA

Element 2 – Bureau Contact Information

PIP Specific Contacts

The Bureau Contact for this radioactive material license is:

Victor Diaz, Environmental Scientist - Specialist
NMED Radiation Control Bureau
P.O. Box 5469, Santa Fe, NM 87502-5469
(505) 476-8601
Victor.Diaz@env.nm.gov

Non-English Language Speaker Assistance

All public notices will contain a statement that non-English speakers may call the Bureau contact listed above and request language assistance to learn more about this license or the licensing process. As necessary and resources allow for document translation or interpretation related to the licensing process may be arranged.

Individuals with Disabilities Assistance

All public notices will contain a statement that disabled individuals may call the Bureau contact listed above and request assistance needed to participate in activities associated with the licensing process.

The following information will be provided in public notices so that hearing-impaired callers can contact the Bureau and ask questions about the activity or proceeding: Toll-free numbers are available for TDD or TTY users to access the New Mexico Relay network (for deaf or hearing-impaired callers), 1-800-659-1779; TTY users: 1-800-659-8331.

Websites

Postings of Outreach materials and notices, including links to the following website, with the Bureau's public notice and PIP information:

Radiation Control Bureau – <https://www.env.nm.gov/rcb/public-notice-of-radioactive-material-licensing-actions/>

Element 3 – Regulatory Framework for Public Participation Related to the Licensing Process

The regulations in 20.3.3.307, 20.3.3.308, and 20.3.3.310 NMAC identify the public participation regulatory framework associated with the licensing process.

The Radiation Protection Act (NMSA 1978, § 74-3-9) and the Radiation Control Bureau (20.3.3.310 NMAC) address notice to be provided to the public regarding the submittal of a Radioactive Material facility license application. This notice is provided at the start of the licensing process and informs the public that the Bureau's review of the license application has begun. It is common practice for the Bureau to provide notice of the submittal of a license application in English and Spanish. The Bureau is required to provide notice in the following manner:

Table of Regulatory Framework for Public Involvement Activities

Activity	Dates
<p>Application Notice (PN-1) Public Notice Participation and hearing 20.3.3.310.A, B, and C NMAC – Bureau’s obligations at 20.3.3.310 NMAC</p> <ul style="list-style-type: none"> • Signs (PN-1 synopsis in English) - Applicant obligation • Mailings to owners of nearby properties - Applicant obligation • Newspaper display ads (PN-1 summary in English & Spanish)- Bureau’s responsibility • NMED website https://www.env.nm.gov/rcb/public-notices-of-radioactive-material-licensing-actions/ 	<p>Within 60 days of the Department determining the application is administratively complete.</p>
<p>License Notice (PN-2): Public comment period 20.3.3.310.E NMAC.</p> <ul style="list-style-type: none"> • NMED website https://www.env.nm.gov/rcb/public-notices-of-radioactive-material-licensing-actions/ • Newspaper legal ads • Notification of interested parties • Notice to government agencies (if required) • Notice to Indian Tribes, Pueblos, and Nations (if required) 	<p>Within 30 days of the Department determining the application is technically complete and drafting a license.</p>
<p>Public Hearing Notice (if required): Upon the Department’s determination that there is a substantial public interest in the license – obligation at 20.3.3.310.F NMAC</p> <ul style="list-style-type: none"> • NMED website https://www.env.nm.gov/rcb/public-notices-of-radioactive-material-licensing-actions/ • Newspapers • Notice to interested parties • Notice to government agencies (if required) • Notice to Indian Tribes, Pueblos, and Nations (if required) 	<p>Notice of the hearing shall occur at least 30 days before the hearing.</p>

Suitable for display, the abbreviated format of the PN-1 synopsis does not contain all the information provided by a full public notice, e.g., language assistance or non-discrimination information.

NMSA 1978, 74-3-9 Licensing of Radioactive Material; appeal;

- A. It is unlawful for a person to possess, use, store, dispose of, manufacture, process, repair, or alter any radioactive material unless he holds:
 - 1. A license issued by the Nuclear Regulatory Commission and notification by the licensee to the agency of license identification;
 - 2. A license issued by an agreement state and notification by the licensee to the agency of license identification; or
 - 3. A license is issued by the agency.
- B. The agency shall issue a license, collect license, registration, and other related fees, deposit those fees in the Radiation Protection Fund, and approve requests for reciprocity according to procedures prescribed by the board's rule. License amendment applications shall be made on forms provided by the agency. The agency shall not issue a New, Renewal, or amended license unless the applicant has demonstrated the capability of complying with all applicable board's rule.
- C. The board may, by rule, establish radiation license, registration, and other related fees and exempt from the requirements of licensure specific quantities of any radioactive material determined by the board not to constitute a health or environmental hazard.
- D. The holding of a license issued by the agency, the nuclear regulatory commission, or an agreement state does not relieve the licensee from the responsibility of complying with all applicable rules of the board.
- E. A person who is or may be affected by licensing action of the agency may appeal to the district court pursuant to the provisions of Section 39-3—1.1 NMSA 1978.

Element 4 – Description of Community/Stakeholder Groups Based on the EJSCREEN

EJSCREEN Summary

The purpose of the EJSCREEN summary is to provide adequate public participation opportunities and meaningful involvement of persons in the licensing process. The affected communities must first be identified, informed about proposed environmental actions affecting the community, and invited to share their comments and concerns. The EJSCREEN tool developed by the US Environmental Protection Agency (EPA) helps identify low-income communities, minority populations, and limited English proficiency that may benefit from various for notification and outreach communication approaches. This information is to help plan for the community's involvement in the public process for environmental activities or actions. In addition to the EJSCREEN results, the Bureau may consider additional information such as the US Census Bureau website or NMED's EJ Mapping Tool.

The Bureau considers the affected community to be those persons living within a 4-mile radius of the Apache Corporation, Facility and Equipment located at UTM Coordinates 32.789687, - 103.498904, New Mexico. The results of the EJSCREEN American Community Survey (ACS) Summary Report (attached to this PIP) are summarized in the table below.

EJSCREEN Results for the Affected Community (32.789687, -103.498904, NEW MEXICO)

Total population	16
Total number of households	1
Percentage People of Color Population	58%
Percentage Hispanic Population	58%
Percentage of the population by race	Population reporting one race: White:97% Black:0% American Indian:0% Asian:0% Pacific Islander:0% Some Other Race:3%
Total number of persons greater than the age of five who speak English “less than very well”	3
Percentage of persons greater than the age of five who speak English “less than very well”	24%
Total number of linguistically isolated households	0
Percentage of linguistically isolated households (Total number of linguistically isolated households ÷ total number of households X 100)	0.0%
Languages by percentage in linguistically isolated households	Spanish: 100% Other Indo-European languages: 0% Asian-Pacific Island languages: 0% Other languages: 0%
Percent linguistically isolated population, New Mexico*	5.4%
Per capita income	\$27,230
Per capita income, USA**	\$29,979

* U.S. Census Bureau. 2011-2015 American Community Survey 5-Year Estimates, Table S1602. Limited English Speaking Households. https://factfinder.census.gov/bkmk/table/1.0/en/ACS/15_5YR/S1602/0400000US35 (date of access: 7/26/2018). (attached to this PIP)

** U.S. Census Bureau. 2015 American Community Survey 1-Year Estimates, Table S0201. Selected Population Profile in the United States. https://factfinder.census.gov/bkmk/table/1.0/en/ACS/15_1YR/S0201/0100000US (date of access: 7/26/2018). (attached to this PIP)

The EJSCREEN results indicate that for the affected community, the proportion of the population with limited English proficiency (LEP) is significant and that the predominant non-English language is Spanish. Therefore, the Bureau has performed an LEP assessment for the community and attaches that assessment to this PIP.

Because the affected community has a significant percentage of persons with difficulties communicating in English, the Bureau will consider the language and communication needs of this community when conducting public outreach and participation activities. To accomplish this, the Bureau, to the extent budget and time limitations allow. The Bureau will provide the same information in Spanish as in English in public comment notices, public meeting notices, and other announcements (e.g., radio broadcasts, brochures, signs, postcards) and will strive to make public participation efforts as inclusive as possible. See Element 5 for more specifics on public outreach and participation activities.

Element 5 – Detailed Actions and Outreach Activities with the Affected Public

Listed in the *Table of Regulatory Framework for Public Involvement Activities* referenced in Element 3 of this document are Public involvement activities required by statute or regulation for this licensing action.

Public Participation – Outreach Activities

The Bureau will conduct the following outreach activities during this licensing process:

- Placement of this PIP on the Bureau website and in the nearby NMED RCB office
- Postal mailing notices
- Newspaper notices
- Notice posted on NMED website

Newspapers to be utilized in the notification process include:

- Statewide circulation: Albuquerque Journal

Local, state, and federal government agencies, tribal entities, and land grant officials have notification of the licensing process through Statewide newspaper circulation notices.

Pursuant to Policy 07-13, Indian Tribes, Pueblos, and Nations will be notified about the licensing action when the range of PIP evaluation touches tribal land through the contacts maintained by the Indian Affairs Department at the following URLs:

<https://www.iad.state.nm.us/pueblo-tribes-and-nations/apaches/>
<https://www.iad.state.nm.us/pueblo-tribes-and-nations/navajo/>
<https://www.iad.state.nm.us/pueblo-tribes-and-nations/pueblos/>

Specified in the *Table of Regulated Framework for Public Involvement Activities* are timelines and methods for submitting public comments. Final radioactive material license documents will be available from the Bureau Contact identified in Element 2 of this PIP.

Postal Mailing or E-Mailing of Notices to Persons on the Facility-Specific Mailing List

The Bureau solicits interested parties' names and contact information with all public notices. The Bureau maintains those names when provided by interested parties on a Facility-Specific Mailing List and provides the individuals with information about regulatory activities for the facility. Individuals, organizations, and other interested parties are added to the mailing list as requested. All public notices will contain a statement directing interested individuals to contact the Bureau Contact for this license to be added to the facility-specific mailing list.

Other means of outreach, such as fliers announcing public comment periods, or public meetings, or hearings, may be in locations throughout the community (e.g., local businesses, schools, libraries) and on the Department's website, at the Bureau's discretion after consideration of public interest and input.

PIP Contingency Plan

During a public health emergency or other unforeseen events outside the control of the Department, the Department will make every effort to ensure the public remains involved in and informed of the decision-making and license processes. This PIP Contingency Plan addresses circumstances when public spaces are closed because of potential human exposure risks. The Department will attempt to identify and utilize alternate methods of document delivery to the public and public viewing when conventional methods and locations are unavailable. When using the physical PIP and document repositories is unsafe, the Department will consider utilizing electronic delivery methods deemed appropriate for the licensing action. While operating under the PIP Contingency Plan, the PN-2 will include a statement specifying that the PIP Contingency Plan is in effect and that "instead of placing a copy of the PIP for this licensing action in a public location, NMED will make the PIP available to the community by sending the PIP by email or US mail to any community member requesting a copy. An individual may request a copy of the PIP utilizing the Bureau's contact information in this public notice. Please specify how you would like the document delivered when making such a request. If you request a copy of a PIP, you will receive a revised PIP should the PIP be updated in the future." During the times of potential human exposure risks and the resultant implementation of this PIP Contingency Plan, public meetings and hearings will only be held when or through means by which the Department can ensure the public's health and safety and this PIP can be fully followed.

Attachments

- LEP Assessment
- A copy of the EJSCREEN ACS Summary Report and a map showing the area evaluated
- U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates

- U.S. Census Bureau, 2015 American Community Survey 1-Year Estimates

Limited English Proficiency (LEP) Assessment

Facility: Apache Corporation

Factor 1: The Number and Proportion of LEP Individuals Eligible to be Served or Likely to be Encountered in the Community of Concern

See Public Involvement Plan (PIP), Table of EJSCREEN Results for the Affected Community.

Conclusions (32.789687, -103.498904, NEW MEXICO):

1. The number of LEP individuals (persons over the age of 5 who speak English “less than very well” in the affected community) is 3.
2. The percentage of LEP individuals in the affected community is 24%.
3. The percentage of linguistically isolated households is 0.0%, slightly less than the statewide average.
4. Spanish is the predominant non-English language spoken by LEP persons.
5. Historical participation: This is a new licensing application, so the Bureau does not have a historical record. No one has yet requested placement on a facility-specific mailing list.

Factor 2: Frequency with which LEP Individuals Might Come in Contact with the Program

Contact with the radioactive material licensing process primarily occurs when a license application is under review. The RCB provides notice to the public and encourages participation. Individuals may participate by requesting information, submitting comments on draft licenses, requesting hearings, and participating in hearings. Most licenses do not generate public interest, and participation is low for most licenses. A summary of historical participation in licensing activities for this facility is under Factor 1. Based on the processing of new license applications from December 2003 to the current new application, no public hearings have been held as specified pursuant to 20.3.3.310 NMAC.

Conclusion:

LEP participation and overall public interest in this facility are limited historically. Based on this record, the Bureau considers the potential for LEP contact with the licensing process to be “infrequent.”

Factor 3: Nature and Importance of the Activity or Service Provided by the Program

The RCB deems the licensing activity “important” to NMED, the impacted community, and the State of New Mexico. The licensing activity (as required by 20.3.3 and 20.3.3.310 NMAC) is essential to NMED because the license establishes site-specific requirements that must be met to protect public health and safety and provides a means to enforce those requirements. The licensing activity is vital to the impacted community because poorly-regulated radioactive material facilities have the potential to pose a public nuisance and adversely affect the quality of

life of people living in the vicinity of the facility. The licensing activity is important to the State of New Mexico because establishing valid licenses ensures that radioactive materials will not impact the State's workers, the public, and the environment. Waste disposal and decommissioning are conducted safely and consistently by 20.3 NMAC regulations throughout the State.

Conclusion:

The RCB considers the licensing activity “important” to NMED, the state as a whole, and the impacted community.

Factor 4: Resources Available to NMED for LEP Services and Associated Costs

For outreach to LEP communities associated with this license action, NMED employs an in-house Spanish translator/interpreter and utilizes a phone interpretation service to assist during direct communication between LEP individuals and NMED staff in many other languages. Incorporated into the Bureau’s budget are the costs of newspaper publication of public notice in Spanish and interpretive services for a public meeting or hearing to the extent possible. Fees collected from the licensee by the schedule in 20.3.16 NMAC are limited and may be sufficient to cover these costs.

Conclusion:

The Bureau may accommodate the costs of the LEP services identified in this plan but is limited to one outreach per year, reviewing budgetary implications if additional services are requested.

LEP Services Plan:

To accommodate the needs of the LEP individuals who may be interested in this licensing process, the Bureau plans to:

1. Translate the Public Notice Two (PN-2) and any subsequent public notices into Spanish and publish them in a paper serving the local community.
2. Provide interpretive services at any public meeting or public hearing if requested.
3. Interact with members of the LEP community using certified interpreters when needed and feasible.

The Bureau will consider requests from members of the affected community for additional LEP services.

Location: User-specified point center at 32.789687, -103.498904

Ring (buffer): 4-miles radius

Description: Apache Corporation

Summary of ACS Estimates		2016 - 2020		
Population		16		
Population Density (per sq. mile)		0		
People of Color Population		9		
% People of Color Population		58%		
Households		1		
Housing Units		1		
Housing Units Built Before 1950		0		
Per Capita Income		29,450		
Land Area (sq. miles) (Source: SF1)		47.57		
% Land Area		100%		
Water Area (sq. miles) (Source: SF1)		0.06		
% Water Area		0%		
		2016 - 2020 ACS Estimates	Percent	MOE (±)
Population by Race				
Total		16	100%	500
Population Reporting One Race		16	100%	602
White		16	97%	500
Black		0	0%	13
American Indian		0	0%	13
Asian		0	0%	13
Pacific Islander		0	0%	13
Some Other Race		0	3%	50
Population Reporting Two or More Races		0	0%	13
Total Hispanic Population		9	58%	419
Total Non-Hispanic Population		7		
White Alone		7	42%	279
Black Alone		0	0%	13
American Indian Alone		0	0%	13
Non-Hispanic Asian Alone		0	0%	13
Pacific Islander Alone		0	0%	13
Other Race Alone		0	0%	13
Two or More Races Alone		0	0%	13
Population by Sex				
Male		8	52%	254
Female		8	48%	299
Population by Age				
Age 0-4		2	11%	96
Age 0-17		6	35%	205
Age 18+		10	65%	241
Age 65+		2	11%	104

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2016 - 2020

EJSCREEN ACS Summary Report



Location: User-specified point center at 32.789687, -103.498904

Ring (buffer): 4-miles radius

Description: Apache Corporation

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	10	100%	327
Less than 9th Grade	1	11%	72
9th - 12th Grade, No Diploma	1	9%	73
High School Graduate	4	36%	165
Some College, No Degree	3	25%	111
Associate Degree	0	2%	21
Bachelor's Degree or more	2	17%	126
Population Age 5+ Years by Ability to Speak English			
Total	14	100%	434
Speak only English	7	48%	206
Non-English at Home ¹⁺²⁺³⁺⁴	7	52%	287
¹ Speak English "very well"	4	28%	203
² Speak English "well"	2	16%	146
³ Speak English "not well"	1	8%	87
⁴ Speak English "not at all"	0	0%	13
³⁺⁴ Speak English "less than well"	1	8%	87
²⁺³⁺⁴ Speak English "less than very well"	3	24%	169
Linguistically Isolated Households*			
Total	0	100%	42
Speak Spanish	0	100%	40
Speak Other Indo-European Languages	0	0%	13
Speak Asian-Pacific Island Languages	0	0%	13
Speak Other Languages	0	0%	13
Households by Household Income			
Household Income Base	1	100%	147
< \$15,000	0	0%	13
\$15,000 - \$25,000	0	0%	13
\$25,000 - \$50,000	0	9%	29
\$50,000 - \$75,000	0	36%	102
\$75,000 +	1	55%	133
Occupied Housing Units by Tenure			
Total	1	100%	147
Owner Occupied	1	86%	146
Renter Occupied	0	14%	42
Employed Population Age 16+ Years			
Total	11	100%	328
In Labor Force	6	60%	238
Civilian Unemployed in Labor Force	0	0%	13
Not In Labor Force	4	40%	190

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of anyrace.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS)

*Households in which no one 14 and over speaks English "very well" or speaks English only.

Location: User-specified point center at 32.789687, -103.498904

Ring (buffer): 4-miles radius

Description: Apache Corporation

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	N/A	N/A	N/A
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French, Haitian, or Cajun	N/A	N/A	N/A
German or other West Germanic	N/A	N/A	N/A
Russian, Polish, or Other Slavic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Chinese (including Mandarin, Cantonese)	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Tagalog (including Filipino)	N/A	N/A	N/A
Other Asian and Pacific Island	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Other and Unspecified	N/A	N/A	N/A
Total Non-English	N/A	N/A	N/A

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2016 - 2020.

*Population by Language Spoken at Home is available at the census tract summary level and up.

4 miles Ring Centered at 32.789687,-103.498904, NEW MEXICO, EPA Region 6

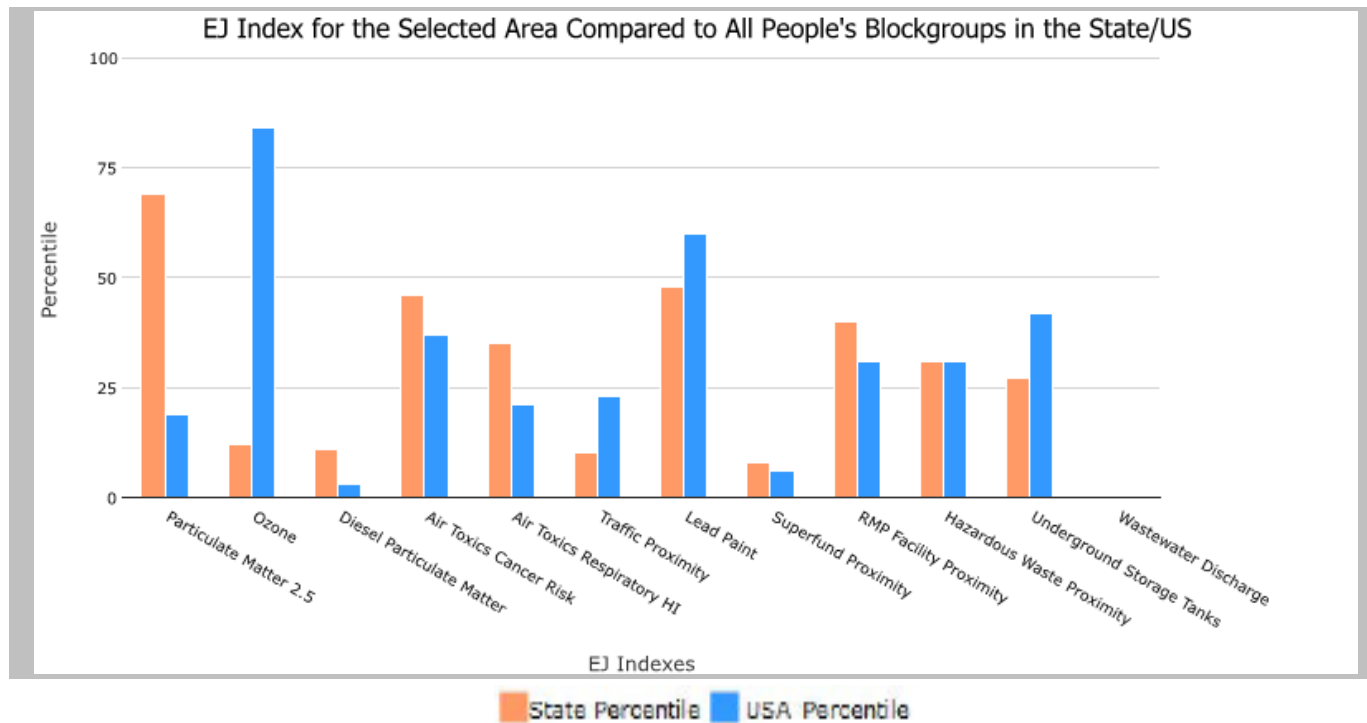
Approximate Population: 16

Input Area (sq. miles): 50.26

32.789687, -103.498904

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
Particulate Matter 2.5 EJ index	69	19
Ozone EJ index	12	84
Diesel Particulate Matter EJ index*	11	3
Air Toxics Cancer Risk EJ index*	46	37
Air Toxics Respiratory HI EJ index*	35	21
Traffic Proximity EJ index	10	23
Lead Paint EJ index	48	60
Superfund Proximity EJ index	8	6
RMP Facility Proximity EJ index	40	31
Hazardous Waste Proximity EJ index	31	31
Underground Storage Tanks EJ index	27	42
Wastewater Discharge EJ index	N/A	N/A

EJ Indexes - The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.



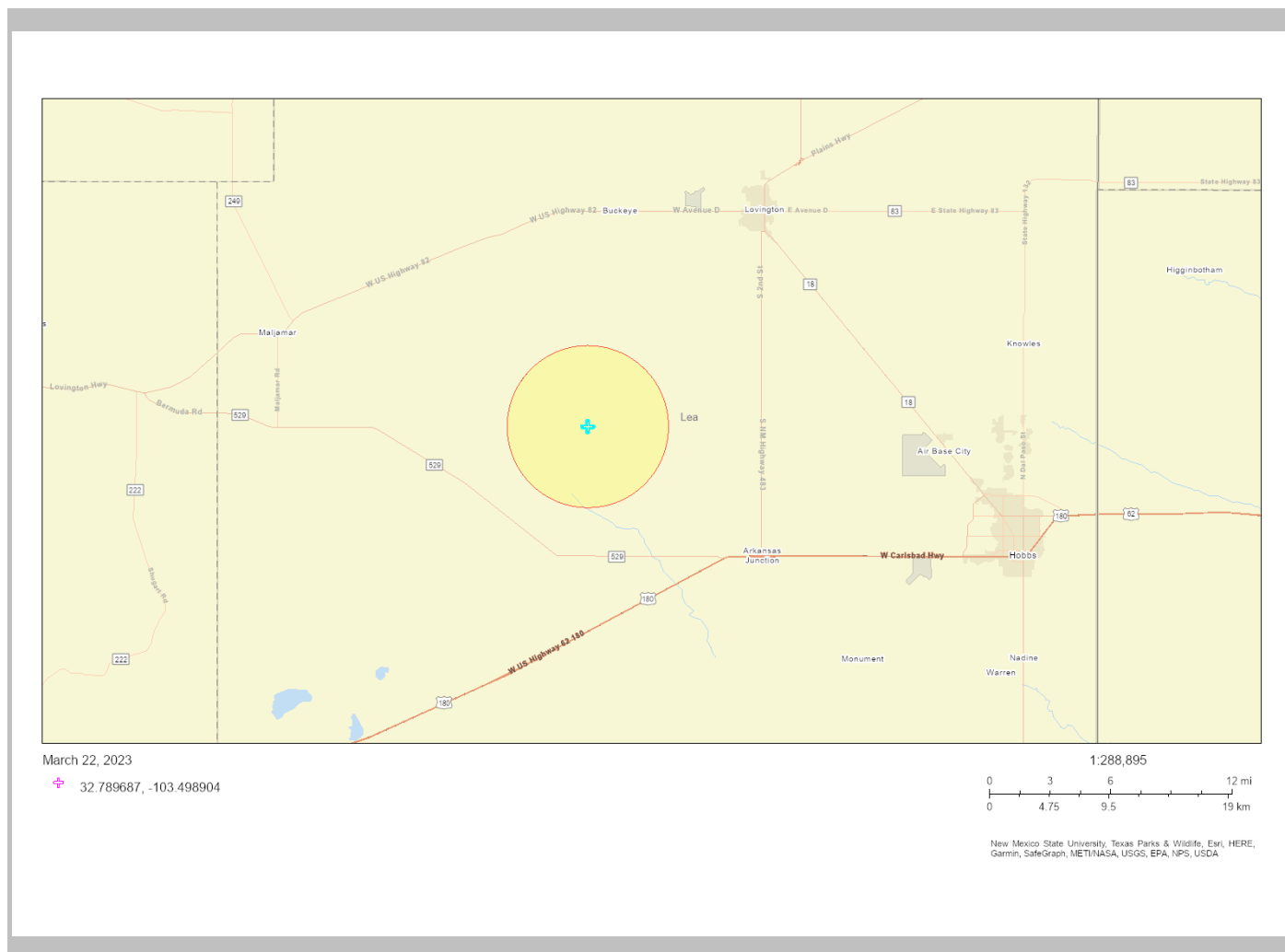
*Diesel particular matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

4 miles Ring Centered at 32.789687,-103.498904, NEW MEXICO, EPA Region 6

Approximate Population: 16

Input Area (sq. miles): 50.26

32.789687, -103.498904



Sites reporting to EPA

Superfund NPL

0

Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)

0

EJScreen Report (Version 2.11)

4 miles Ring Centered at 32.789687,-103.498904, NEW MEXICO, EPA Region 6

Approximate Population: 16

Input Area (sq. miles): 50.26

32.789687, -103.498904

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	6.69	5.54	89	8.67	9
Ozone (ppb)	54.1	56	13	42.5	91
Diesel Particulate Matter* ($\mu\text{g}/\text{m}^3$)	0.0263	0.198	11	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	20	20	80	28	<50th
Air Toxics Respiratory HI*	0.2	0.23	63	0.36	<50th
Traffic Proximity (daily traffic count/distance to road)	14	510	10	760	11
Lead Paint (% Pre-1960 Housing)	0.16	0.18	58	0.27	43
Superfund Proximity (site count/km distance)	0.009	0.14	8	0.13	3
RMP Facility Proximity (facility count/km distance)	0.099	0.24	45	0.77	16
Hazardous Waste Proximity (facility count/km distance)	0.078	0.81	34	2.2	15
Underground Storage Tanks (count/km ²)	0.0061	3.3	24	3.9	0
Wastewater Discharge (toxicity-weighted concentration/m distance)	N/A	3.5	N/A	12	N/A
Socioeconomic Indicators					
Demographic Index	37%	51%	28	35%	61
Supplemental Demographic Index	12%	17%	29	15%	45
People of Color	58%	63%	44	40%	72
Low Income	16%	39%	16	30%	29
Unemployment Rate	0%	7%	0	5%	0
Limited English Speaking Households	7%	5%	73	5%	80
Less Than High School Education	20%	14%	72	12%	80
Under Age 5	11%	6%	88	6%	89
Over Age 64	11%	17%	27	16%	31
Low Life Expectancy	17%	19%	21	20%	23

EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

4 miles Ring Centered at 32.789687,-103.498904, NEW MEXICO, EPA Region 6

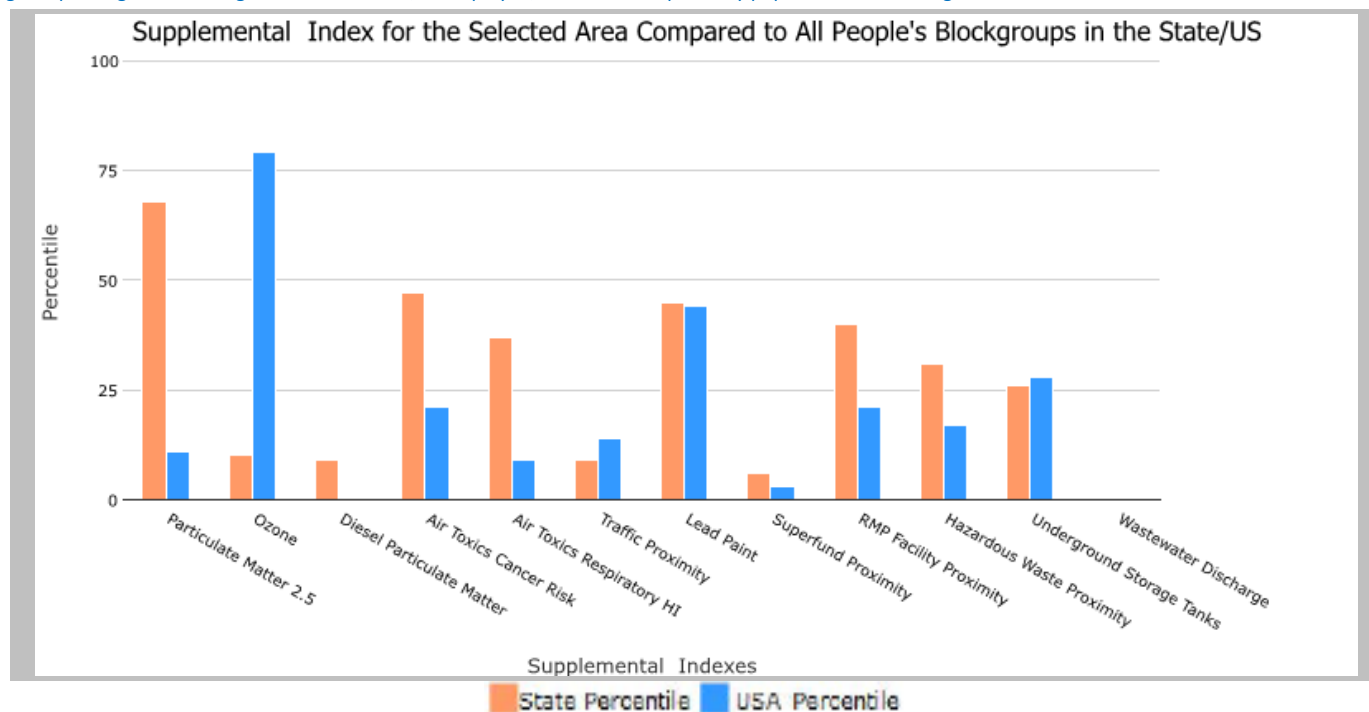
Approximate Population: 16

Input Area (sq. miles): 50.26

32.789687, -103.498904

Selected Variables	State Percentile	USA Percentile
Supplemental Indexes		
Particulate Matter 2.5 Supplemental Index	68	11
Ozone Supplemental Index	10	79
Diesel Particulate Matter Supplemental Index*	9	0
Air Toxics Cancer Risk Supplemental Index*	47	21
Air Toxics Respiratory HI Supplemental Index*	37	9
Traffic Proximity Supplemental Index	9	14
Lead Paint Supplemental Index	45	44
Superfund Proximity Supplemental Index	6	3
RMP Facility Proximity Supplemental Index	40	21
Hazardous Waste Proximity Supplemental Index	31	17
Underground Storage Tanks Supplemental Index	26	28
Wastewater Discharge Supplemental Index	N/A	N/A

Supplemental Indexes - The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on low-income, limited English speaking, less than high school education, unemployed, and low life expectancy populations with a single environmental indicator.



This report shows the values for environmental and demographic indicators, EJScreen indexes, and supplemental indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. For additional information, see: www.epa.gov/environmentaljustice.



NEW MEXICO

OKLAHOMA

ARKANSAS

TENNESSEE

NORTH CAROLINA

SOUTH CAROLINA

S1602

LIMITED ENGLISH SPEAKING HOUSEHOLDS

2011-2015 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Tell us what you think. Provide feedback to help make American Community Survey data more useful for you.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

Subject	New Mexico				
	Total		Percent		Limited English-speaking households
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
All households	763,603	+/-3,312	(X)	(X)	40,911
Households speaking --					
Spanish	243,906	+/-2,493	31.9%	+/-0.3	34,012
Other Indo-European languages	15,590	+/-812	2.0%	+/-0.1	1,438
Asian and Pacific Island languages	8,745	+/-496	1.1%	+/-0.1	1,702
Other languages	38,103	+/-918	5.0%	+/-0.1	3,759

Subject	New Mexico		
	Limited English-speaking households	Percent limited English-speaking households	
	Margin of Error	Estimate	Margin of Error
All households	+/-1,367	5.4%	+/-0.2
Households speaking --			
Spanish	+/-1,278	13.9%	+/-0.5
Other Indo-European languages	+/-264	9.2%	+/-1.6
Asian and Pacific Island languages	+/-275	19.5%	+/-3.1
Other languages	+/-290	9.9%	+/-0.7

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

A "limited English speaking household" is one in which no member 14 years old and over (1) speaks only English or (2) speaks a non-English language and speaks English "very well." In other words, all members 14 years old and over have at least some difficulty with English. By definition, English-only households cannot belong to this group. Previous Census Bureau data products have referred to these households as "linguistically isolated" and "Households in which no one 14 and over speaks English only or speaks a language other than English at home and speaks English 'very well'." This table is directly comparable to tables from earlier years that used these labels.

The household language assigned to the housing unit is the non-English language spoken by the first person with a non-English language. This assignment scheme ranks household members in the following order: householder, spouse, parent, sibling, child, grandchild, other relative, stepchild, unmarried partner, housemate or roommate, and other nonrelatives. If no member of the household age 5 and over speaks a language other than English at home then the household language is English only.

Methodological changes to data collection in 2013 may have affected language data for 2013. Users should be aware of these changes when using multi-year data containing data from 2013. For more information, see: Language User Note.

While the 2011-2015 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '****' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.



S0201

SELECTED POPULATION PROFILE IN THE UNITED STATES

2015 American Community Survey 1-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

Subject	United States	
	Total population	
	Estimate	Margin of Error
TOTAL NUMBER OF RACES REPORTED		
Total population	321,418,821	*****
One race	96.9%	+/-0.1
Two races	2.8%	+/-0.1
Three races	0.2%	+/-0.1
Four or more races	0.0%	+/-0.1
SEX AND AGE		
Total population	321,418,821	*****
Male	49.2%	+/-0.1
Female	50.8%	+/-0.1
Under 5 years	6.2%	+/-0.1
5 to 17 years	16.7%	+/-0.1
18 to 24 years	9.8%	+/-0.1
25 to 34 years	13.7%	+/-0.1
35 to 44 years	12.7%	+/-0.1
45 to 54 years	13.4%	+/-0.1
55 to 64 years	12.7%	+/-0.1
65 to 74 years	8.6%	+/-0.1
75 years and over	6.3%	+/-0.1
Median age (years)	37.8	+/-0.1
18 years and over	77.1%	+/-0.1
21 years and over	72.9%	+/-0.1
62 years and over	18.3%	+/-0.1
65 years and over	14.9%	+/-0.1
Under 18 years	73,629,710	+/-34,141
Male	51.1%	+/-0.1
Female	48.9%	+/-0.1

Subject	United States	
	Total population	
	Estimate	Margin of Error
18 years and over	247,789,111	+/-34,138
Male	48.6%	+/-0.1
Female	51.4%	+/-0.1
18 to 34 years	75,239,780	+/-36,944
Male	50.8%	+/-0.1
Female	49.2%	+/-0.1
35 to 64 years	124,816,851	+/-46,250
Male	49.1%	+/-0.1
Female	50.9%	+/-0.1
65 years and over	47,732,480	+/-20,477
Male	44.1%	+/-0.1
Female	55.9%	+/-0.1
RELATIONSHIP		
Population in households	313,347,925	*****
Householder or spouse	55.8%	+/-0.1
Child	30.4%	+/-0.1
Other relatives	7.6%	+/-0.1
Nonrelatives	6.3%	+/-0.1
Unmarried partner	2.4%	+/-0.1
HOUSEHOLDS BY TYPE		
Households	118,208,250	+/-155,130
Family households	65.6%	+/-0.1
With own children of the householder under 18 years	27.9%	+/-0.1
Married-couple family	48.0%	+/-0.1
With own children of the householder under 18 years	18.8%	+/-0.1
Female householder, no husband present, family	12.8%	+/-0.1
With own children of the householder under 18 years	6.8%	+/-0.1
Nonfamily households	34.4%	+/-0.1
Male householder	16.1%	+/-0.1
Living alone	12.4%	+/-0.1
Not living alone	3.6%	+/-0.1
Female householder	18.3%	+/-0.1
Living alone	15.5%	+/-0.1
Not living alone	2.9%	+/-0.1
Average household size	2.65	+/-0.01
Average family size	3.26	+/-0.01
MARITAL STATUS		
Population 15 years and over	260,415,152	+/-38,661
Now married, except separated	47.5%	+/-0.1
Widowed	5.8%	+/-0.1
Divorced	11.0%	+/-0.1
Separated	2.1%	+/-0.1
Never married	33.5%	+/-0.1
Male 15 years and over	127,013,406	+/-32,000
Now married, except separated	49.2%	+/-0.1
Widowed	2.6%	+/-0.1
Divorced	9.7%	+/-0.1
Separated	1.7%	+/-0.1

Subject	United States	
	Total population	
	Estimate	Margin of Error
Never married	36.7%	+/-0.1
Female 15 years and over	133,401,746	+/-25,384
Now married, except separated	45.9%	+/-0.1
Widowed	8.9%	+/-0.1
Divorced	12.3%	+/-0.1
Separated	2.3%	+/-0.1
Never married	30.5%	+/-0.1
SCHOOL ENROLLMENT		
Population 3 years and over enrolled in school	81,618,288	+/-87,040
Nursery school, preschool	6.0%	+/-0.1
Kindergarten	5.0%	+/-0.1
Elementary school (grades 1-8)	40.3%	+/-0.1
High school (grades 9-12)	20.9%	+/-0.1
College or graduate school	27.8%	+/-0.1
Male 3 years and over enrolled in school	40,350,884	+/-53,222
Percent enrolled in kindergarten to grade 12	68.7%	+/-0.1
Percent enrolled in college or graduate school	25.1%	+/-0.1
Female 3 years and over enrolled in school	41,267,404	+/-74,047
Percent enrolled in kindergarten to grade 12	63.9%	+/-0.1
Percent enrolled in college or graduate school	30.4%	+/-0.1
EDUCATIONAL ATTAINMENT		
Population 25 years and over	216,447,163	+/-69,294
Less than high school diploma	12.9%	+/-0.1
High school graduate (includes equivalency)	27.6%	+/-0.1
Some college or associate's degree	29.0%	+/-0.1
Bachelor's degree	19.0%	+/-0.1
Graduate or professional degree	11.6%	+/-0.1
High school graduate or higher	87.1%	+/-0.1
Male, high school graduate or higher	86.4%	+/-0.1
Female, high school graduate or higher	87.8%	+/-0.1
Bachelor's degree or higher	30.6%	+/-0.1
Male, bachelor's degree or higher	30.3%	+/-0.1
Female, bachelor's degree or higher	30.9%	+/-0.1
FERTILITY		
Women 15 to 50 years	76,551,119	+/-35,340
Women 15 to 50 years who had a birth in the past 12 months	3,931,053	+/-33,526
Unmarried women 15 to 50 years who had a birth in the past 12 months	1,401,433	+/-22,872
As a percent of all women with a birth in the past 12 months	35.7%	+/-0.4
RESPONSIBILITY FOR GRANDCHILDREN UNDER 18 YEARS		
Population 30 years and over	194,154,761	+/-57,800
Grandparents living with grandchild(ren)	3.8%	+/-0.1
Grandparents responsible for grandchildren as a percentage of living with grandchildren	35.3%	+/-0.3
VETERAN STATUS		
Civilian population 18 years and over	246,780,172	+/-33,719
Civilian veteran	7.6%	+/-0.1
DISABILITY STATUS		
Total civilian noninstitutionalized population	316,450,569	+/-15,477

Subject	United States	
	Total population	
	Estimate	Margin of Error
With a disability	12.6%	+/-0.1
Civilian noninstitutionalized population under 18 years	73,491,931	+/-34,195
With a disability	4.1%	+/-0.1
Civilian noninstitutionalized population 18 to 64 years	196,521,616	+/-29,493
With a disability	10.4%	+/-0.1
Civilian noninstitutionalized population 65 years and older	46,437,022	+/-22,258
With a disability	35.4%	+/-0.1
RESIDENCE 1 YEAR AGO		
Population 1 year and over	317,635,720	+/-28,922
Same house	85.3%	+/-0.1
Different house in the U.S.	14.1%	+/-0.1
Same county	8.5%	+/-0.1
Different county	5.6%	+/-0.1
Same state	3.2%	+/-0.1
Different state	2.4%	+/-0.1
Abroad	0.7%	+/-0.1
PLACE OF BIRTH, CITIZENSHIP STATUS AND YEAR OF ENTRY		
Native	278,128,449	+/-122,465
Male	49.3%	+/-0.1
Female	50.7%	+/-0.1
Foreign born	43,290,372	+/-122,466
Male	48.6%	+/-0.1
Female	51.4%	+/-0.1
Foreign born; naturalized U.S. citizen	20,697,103	+/-82,906
Male	45.9%	+/-0.1
Female	54.1%	+/-0.1
Foreign born; not a U.S. citizen	22,593,269	+/-114,018
Male	51.1%	+/-0.1
Female	48.9%	+/-0.1
Population born outside the United States	43,290,372	+/-122,466
Entered 2010 or later	15.6%	+/-0.1
Entered 2000 to 2009	27.9%	+/-0.2
Entered before 2000	56.5%	+/-0.2
WORLD REGION OF BIRTH OF FOREIGN BORN		
Foreign-born population excluding population born at sea	43,289,646	+/-122,375
Europe	11.1%	+/-0.1
Asia	30.6%	+/-0.1
Africa	4.8%	+/-0.1
Oceania	0.6%	+/-0.1
Latin America	51.1%	+/-0.1
Northern America	1.9%	+/-0.1
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH		
Population 5 years and over	301,625,014	+/-16,518
English only	78.5%	+/-0.1

Subject	United States	
	Total population	
	Estimate	Margin of Error
Language other than English	21.5%	+/-0.1
Speak English less than "very well"	8.6%	+/-0.1
EMPLOYMENT STATUS		
Population 16 years and over	256,167,758	+/-46,054
In labor force	63.1%	+/-0.1
Civilian labor force	62.7%	+/-0.1
Employed	58.8%	+/-0.1
Unemployed	3.9%	+/-0.1
Unemployment Rate	6.3%	+/-0.1
Armed Forces	0.4%	+/-0.1
Not in labor force	36.9%	+/-0.1
Females 16 years and over	131,333,465	+/-27,183
In labor force	58.1%	+/-0.1
Civilian labor force	58.0%	+/-0.1
Employed	54.4%	+/-0.1
Unemployed	3.6%	+/-0.1
Unemployment Rate	6.2%	+/-0.1
COMMUTING TO WORK		
Workers 16 years and over	148,324,160	+/-127,953
Car, truck, or van - drove alone	76.6%	+/-0.1
Car, truck, or van - carpooled	9.0%	+/-0.1
Public transportation (excluding taxicab)	5.2%	+/-0.1
Walked	2.8%	+/-0.1
Other means	1.8%	+/-0.1
Worked at home	4.6%	+/-0.1
Mean travel time to work (minutes)	26.4	+/-0.1
OCCUPATION		
Civilian employed population 16 years and over	150,534,773	+/-118,955
Management, business, science, and arts occupations	37.1%	+/-0.1
Service occupations	18.0%	+/-0.1
Sales and office occupations	23.6%	+/-0.1
Natural resources, construction, and maintenance occupations	9.0%	+/-0.1
Production, transportation, and material moving occupations	12.3%	+/-0.1
Male civilian employed population 16 years and over	79,120,041	+/-82,345
Management, business, science, and arts occupations	33.5%	+/-0.1
Service occupations	14.8%	+/-0.1
Sales and office occupations	17.1%	+/-0.1
Natural resources, construction, and maintenance occupations	16.3%	+/-0.1
Production, transportation, and material moving occupations	18.2%	+/-0.1
Female civilian employed population 16 years and over	71,414,732	+/-78,874
Management, business, science, and arts occupations	41.1%	+/-0.1
Service occupations	21.5%	+/-0.1
Sales and office occupations	30.8%	+/-0.1
Natural resources, construction, and maintenance occupations	0.9%	+/-0.1
Production, transportation, and material moving occupations	5.8%	+/-0.1
INDUSTRY		

Subject	United States	
	Total population	
	Estimate	Margin of Error
Civilian employed population 16 years and over	150,534,773	+/-118,955
Agriculture, forestry, fishing and hunting, and mining	1.9%	+/-0.1
Construction	6.4%	+/-0.1
Manufacturing	10.3%	+/-0.1
Wholesale trade	2.7%	+/-0.1
Retail trade	11.5%	+/-0.1
Transportation and warehousing, and utilities	5.1%	+/-0.1
Information	2.1%	+/-0.1
Finance and insurance, and real estate and rental and leasing	6.5%	+/-0.1
Professional, scientific, and management, and administrative and waste management services	11.3%	+/-0.1
Educational services, and health care and social assistance	22.9%	+/-0.1
Arts, entertainment, and recreation, and accommodation and food services	9.8%	+/-0.1
Other services (except public administration)	4.9%	+/-0.1
Public administration	4.6%	+/-0.1
CLASS OF WORKER		
Civilian employed population 16 years and over	150,534,773	+/-118,955
Private wage and salary workers	80.3%	+/-0.1
Government workers	13.6%	+/-0.1
Self-employed workers in own not incorporated business	5.9%	+/-0.1
Unpaid family workers	0.2%	+/-0.1
INCOME IN THE PAST 12 MONTHS (IN 2015 INFLATION-ADJUSTED DOLLARS)		
Households	118,208,250	+/-155,130
Median household income (dollars)	55,775	+/-85
With earnings	77.6%	+/-0.1
Mean earnings (dollars)	79,909	+/-131
With Social Security income	30.8%	+/-0.1
Mean Social Security income (dollars)	18,292	+/-23
With Supplemental Security Income	5.5%	+/-0.1
Mean Supplemental Security Income (dollars)	9,448	+/-28
With cash public assistance income	2.5%	+/-0.1
Mean cash public assistance income (dollars)	3,083	+/-33
With retirement income	18.6%	+/-0.1
Mean retirement income (dollars)	24,945	+/-97
With Food Stamp/SNAP benefits	12.8%	+/-0.1
Families	77,530,756	+/-136,900
Median family income (dollars)	68,260	+/-158
Married-couple family	73.2%	+/-0.1
Median income (dollars)	82,078	+/-115
Male householder, no spouse present, family	7.4%	+/-0.1
Median income (dollars)	46,778	+/-254
Female householder, no husband present, family	19.5%	+/-0.1
Median income (dollars)	33,342	+/-159
Individuals	321,418,821	*****
Per capita income (dollars)	29,979	+/-58
With earnings for full-time, year-round workers:		
Male	61,026,259	+/-91,605
Female	45,321,438	+/-73,146
Mean earnings (dollars) for full-time, year-round workers:		
Male	67,885	+/-166
Female	50,015	+/-117
Median earnings (dollars) full-time, year-round workers:		
Male	49,938	+/-144

Subject	United States	
	Total population	
	Estimate	Margin of Error
Female	39,940	+/-122
HEALTH INSURANCE COVERAGE		
Civilian noninstitutionalized population	316,450,569	+/-15,477
With private health insurance	67.5%	+/-0.1
With public coverage	34.7%	+/-0.1
No health insurance coverage	9.4%	+/-0.1
POVERTY RATES FOR FAMILIES AND PEOPLE FOR WHOM POVERTY STATUS IS DETERMINED		
All families	10.6%	+/-0.1
With related children of the householder under 18 years	17.1%	+/-0.1
With related children of the householder under 5 years only	16.4%	+/-0.2
Married-couple family	5.2%	+/-0.1
With related children of the householder under 18 years	7.7%	+/-0.1
With related children of the householder under 5 years only	5.9%	+/-0.2
Female householder, no husband present, family	29.0%	+/-0.2
With related children of the householder under 18 years	39.2%	+/-0.3
With related children of the householder under 5 years only	43.9%	+/-0.7
All people	14.7%	+/-0.1
Under 18 years	20.7%	+/-0.2
Related children of the householder under 18 years	20.4%	+/-0.2
Related children of the householder under 5 years	22.8%	+/-0.3
Related children of the householder 5 to 17 years	19.5%	+/-0.2
18 years and over	12.9%	+/-0.1
18 to 64 years	13.9%	+/-0.1
65 years and over	9.0%	+/-0.1
People in families	12.0%	+/-0.1
Unrelated individuals 15 years and over	26.2%	+/-0.1
HOUSING TENURE		
Occupied housing units	118,208,250	+/-155,130
Owner-occupied housing units	63.0%	+/-0.1
Renter-occupied housing units	37.0%	+/-0.1
Average household size of owner-occupied unit	2.71	+/-0.01
Average household size of renter-occupied unit	2.54	+/-0.01
UNITS IN STRUCTURE		
Occupied housing units	118,208,250	+/-155,130
1-unit, detached or attached	68.4%	+/-0.1
2 to 4 units	7.9%	+/-0.1
5 or more units	17.9%	+/-0.1
Mobile home, boat, RV, van, etc.	5.7%	+/-0.1
YEAR STRUCTURE BUILT		
Occupied housing units	118,208,250	+/-155,130
Built 2014 or later	0.5%	+/-0.1
Built 2010 to 2013	2.7%	+/-0.1
Built 2000 to 2009	14.4%	+/-0.1
Built 1980 to 1999	27.8%	+/-0.1
Built 1960 to 1979	26.3%	+/-0.1
Built 1940 to 1959	15.7%	+/-0.1
Built 1939 or earlier	12.6%	+/-0.1
VEHICLES AVAILABLE		
Occupied housing units	118,208,250	+/-155,130
None	8.9%	+/-0.1
1 or more	91.1%	+/-0.1
HOUSE HEATING FUEL		
Occupied housing units	118,208,250	+/-155,130

Subject	United States	
	Total population	
	Estimate	Margin of Error
Gas	52.9%	+/-0.1
Electricity	38.2%	+/-0.1
All other fuels	7.8%	+/-0.1
No fuel used	1.2%	+/-0.1
SELECTED CHARACTERISTICS		
Occupied housing units	118,208,250	+/-155,130
No telephone service available	2.5%	+/-0.1
1.01 or more occupants per room	3.4%	+/-0.1
SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS		
Housing units with a mortgage (excluding units where SMOC cannot be computed)	46,893,431	+/-141,541
Less than 30 percent	70.4%	+/-0.1
30 percent or more	29.6%	+/-0.1
OWNER CHARACTERISTICS		
Owner-occupied housing units	74,506,512	+/-228,238
Median value (dollars)	194,500	+/-290
Median selected monthly owner costs with a mortgage (dollars)	1,477	+/-3
Median selected monthly owner costs without a mortgage (dollars)	468	+/-2
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS		
Occupied units paying rent (excluding units where GRAP cannot be computed)	40,414,066	+/-113,203
Less than 30 percent	49.4%	+/-0.1
30 percent or more	50.6%	+/-0.1
GROSS RENT		
Occupied units paying rent	41,410,172	+/-113,441
Median gross rent (dollars)	959	+/-2
COMPUTERS AND INTERNET USE		
Total households	118,208,250	+/-155,130
With a computer	86.8%	+/-0.1
With a broadband Internet subscription	76.7%	+/-0.1

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Data for the households, families, occupied housing units, owner-occupied housing units, and renter-occupied housing units lines refer to the specified race, Hispanic or Latino, American Indian or Alaska Native, or ancestry of the householder shown in the table. Data in the "Total population" column are shown regardless of the race, Hispanic or Latino, American Indian or Alaska Native, or ancestry of the person.

Due to methodological changes to data collection that began in data year 2013, comparisons of language estimates from that point to estimates from 2013 forward should be made with caution. For more information, see: Language User Note.

The Census Bureau introduced a new set of disability questions in the 2008 ACS questionnaire. Accordingly, comparisons of disability data from 2008 or later with data from prior years are not recommended. For more information on these questions and their evaluation in the 2006 ACS Content Test, see the Evaluation Report Covering Disability.

Employment and unemployment estimates may vary from the official labor force data released by the Bureau of Labor Statistics because of differences in survey design and data collection. For guidance on differences in employment and unemployment estimates from different sources go to Labor Force Guidance.

Industry codes are 4-digit codes and are based on the North American Industry Classification System 2012. The Industry categories adhere to the guidelines issued in Clarification Memorandum No. 2, "NAICS Alternate Aggregation Structure for Use By U.S. Statistical Agencies," issued by the Office of Management and Budget.

Occupation codes are 4-digit codes and are based on Standard Occupational Classification 2010.

Logical coverage edits applying a rules-based assignment of Medicaid, Medicare and military health coverage were added as of 2009 -- please see http://www.census.gov/library/working-papers/2010/demo/coverage_edits_final.html for more details. The 2008 data table in American FactFinder does not incorporate these edits. Therefore, the estimates that appear in these tables are not comparable to the estimates in the 2009 and later tables. Select geographies of 2008 data comparable to the 2009 and later tables are available at <http://www.census.gov/data/tables/time-series/acs/1-year-re-run-health-insurance.html>. The health insurance coverage category names were modified in 2010. See http://www.census.gov/topics/health/health-insurance/about/glossary.html#par_textimage_18 for a list of the insurance type definitions.

The category "with a broadband Internet subscription" refers to those who said "Yes" to a DSL, cable, fiberoptic, mobile broadband, satellite, or fixed wireless subscription.

While the 2015 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2015 American Community Survey 1-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '****' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.