



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



**Facility Name:** D&S Engineering Labs, LLC

**Facility Location:** 8309 Strasburg Ct NW  
Albuquerque, NM  
Section 13, Township 11N, Range 2E

**County:** Bernalillo

**Responsible Party:** Amy Brothers, PE, President  
D&S Engineering Labs, LLC  
1101 Shady Oaks Dr.  
Denton, Texas 76205

**Agency:** New Mexico Environmental Department  
Radiation Control Bureau

**RCB Action:** Licensing – New (Records Only)

**Bureau Contact:** Victor Diaz, Environmental Scientist - Specialist  
(505) 476-8601  
Victor.Diaz@state.nm.us

Main bureau telephone number:  
(505) 476-8600

**EFFECTIVE DATE:** July 23, 2019

**REVISION DATE:** N/A

  
**Santiago Rodriguez**  
Chief, Radiation Control Bureau

## Element 1 – Public Involvement Plan (PIP) Overview

The New Mexico Environment Department (NMED or Department), Radiation Control Bureau (Bureau or RCB), has developed this PIP for the application from D&S Engineering Labs, LLC for storage of records at 8309 Strasburg NW, Albuquerque, NM 87120.

The purpose of this PIP is to plan for providing public participation opportunities and information that may be needed for the community 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 developed by 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; and
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 New (Records Only) Radioactive Material License Application for D&S Engineering Labs, LLC, the Department will give notice pursuant to Subsection B of 20.3.3.310 NMAC Public Notices, Participation and Hearing. Subsection B of 20.3.3.310 NMAC, Paragraph (2) provides for 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 in other newspapers, as deemed appropriate by the Department Secretary. Also, the Department will post an electronic Public Notice in English and Spanish on its web site <https://www.env.nm.gov/rcb/> 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 deemed administratively complete, will be for a period of at least 30 days. During the 30 days, written comments or questions about the license application may be submitted by any interested person. 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 be held to provide guidance on 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, 20.3.3.310 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 license requested, the Secretary shall require the applicant to answer them.

The notices shall include:

- (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 an application for a Radioactive Material License from D&S Engineering Labs, LLC for storage of records at 8309 Strasburg NW, Albuquerque, NM 87120.

During the early part of the evaluation period, the Department will review and comment upon the application. The NMED may, at its discretion, retain consultants to assist it in its evaluation of the application. Relevant comments and questions, received by the NMED from various agencies and interested parties, will be forwarded to the applicant for its response. Correspondence associated with the application will be on file with the Radiation Control Bureau and 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 license application carefully. During this analysis, the application will be reviewed to ensure there are no deficiencies, the application meets all applicable requirements, and there is no reason to believe the operation will violate any laws or regulations. If the Department approves the application, it will issue a (Records Only) Radioactive Material License, to expire in five years. The activities of all licensees are inspected periodically to assure compliance with regulations and license conditions. The 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).

It is anticipated that the review period will require approximately one month. Written comments and requests for a public hearing will be accepted for thirty days after publication of this notice. Written comments regarding this license application should be directed to the Radiation Control Bureau, Environment Department, Attention of Victor Diaz, P.O. Box 5469, Santa Fe, New Mexico 87502-5469.

In developing this PIP, community participation needs were assessed to ensure 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 mandated requirements and underscores the provision of adequate public access to information about the licensing process.

The site for D&S Engineering Labs, LLC, is in a City with a relatively large community of Spanish speakers, and the Bureau will provide pertinent information in both English and Spanish in public notices and related announcements.

At any time during the 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**

<b>Activity</b>	<b>Date</b>
<b>Application Notice</b> Public Notice of filing of an application with RCB (notice performed by Applicant.)	July 2019
<b>Placement of a hardcopy of the PIP in the local NMED office:</b> NMED Santa Fe 1100 St. Frances Drive Santa Fe, NM 87502 (505) 476-8600	October 2019
<b>Distribute PIP</b> (website)	October 2019

## **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@state.nm.us](mailto:Victor.Diaz@state.nm.us)

### **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. Arrangements may be made for document translation or interpretation related to the licensing process as necessary and as resources allow.



## 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

Outreach materials and notices will include links to the following website, where the Bureau's public notices and PIP information are posted:

Radiation Control Bureau – <https://www.env.nm.gov/rcb/public-notices>

## 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, § 74-3-1-16) and the Radiation Control Bureau (20.3.3.310 NMAC) address notice to be provided by the Bureau 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
<sup>1</sup> Application Notice (PN-1) Public Notice Participation and hearing if required 20.3.3.310.A, B, and C NMAC – Bureau's obligations at 20.3.3.310 NMAC <ul style="list-style-type: none"><li>• Signs (PN-1 synopsis<sup>1</sup> in English) - Applicant obligation</li><li>• Mailings to owners of nearby properties - Applicant obligation</li></ul>	Within 60 days of the department deeming the application administratively complete.

<ul style="list-style-type: none"> <li>• Newspaper display ads (PN-1 summary in English &amp; Spanish)- Bureau's responsibility</li> <li>• NMED website <a href="https://www.env.nm.gov/rcb/public-notice-of-radioactive-material-licensing-actions/">https://www.env.nm.gov/rcb/public-notice-of-radioactive-material-licensing-actions/</a></li> <li>• Notice to government agencies (as required)</li> <li>• Notice to interested parties (as required)</li> </ul>	
<p>License Notice (PN-2): Public comment period 20.3.3.310.E NMAC</p> <ul style="list-style-type: none"> <li>• NMED website <a href="https://www.env.nm.gov/rcb/public-notice-of-radioactive-material-licensing-actions/">https://www.env.nm.gov/rcb/public-notice-of-radioactive-material-licensing-actions/</a></li> <li>• Newspaper legal ads</li> <li>• Notification of interested parties</li> <li>• Notice to government agencies (as required)</li> <li>• Notice to Indian Tribes, Pueblos and Nations (as required)</li> </ul>	<p>Within 30 days of the department, determining the application is technically complete and will draft 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"> <li>• NMED website <a href="https://www.env.nm.gov/rcb/public-notice-of-radioactive-material-licensing-actions/">https://www.env.nm.gov/rcb/public-notice-of-radioactive-material-licensing-actions/</a></li> <li>• Newspapers</li> <li>• Notice to interested parties</li> <li>• Notice to government agencies (as required)</li> <li>• Notice to Indian Tribes, Pueblos and Nations (as required)</li> </ul>	<p>Notice of the hearing shall occur at least 30 days prior to the hearing.</p>

<sup>1</sup> 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 issued by the agency.
- B. The agency shall issue a license, collect license, registration, and other related fees and deposit those fees in the Radiation Protection Fund and shall approve requests for

reciprocity in accordance with procedures prescribed by rule of the board. License applications shall be made on forms provided by the agency. The agency shall not issue a license unless the applicant has demonstrated the capability of complying with all applicable rules of the board.

- 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 the 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 for adequate public participation opportunities and meaningful involvement of persons in the licensing process, and 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 U.S. Environmental Protection Agency (EPA) helps identify communities that are low income, have minority populations, and have limited English proficiency that may benefit from a variety of approaches for notification and outreach communication. This information is used 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 U.S. 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 D&S Engineering Labs facility located at 8309 Strasburg NW Albuquerque, New Mexico. The results of the EJSCREEN American Community Survey (ACS) Summary Report (attached to this PIP) summarized in the table below.

**EJSCREEN Results for the Affected Community**

Total population	125,245
Total number of households	47,038
Percentage minority population	56%
Percentage Hispanic population	46%
Percentage of the population by race	Population reporting one race: White: .....78%



	Black: .....3% American Indian: .....4% Asian: .....2% Pacific Islander: .....0% Some Other Race: .....8%
Total number of persons greater than the age of five who speak English “less than very well”	4,140
Percentage of persons greater than the age of five who speak English “less than very well”	4%
Total number of linguistically isolated households	888
Percentage of linguistically isolated households (Total number of linguistically isolated households ÷ total number of households X 100)	1.9%
Languages by percentage in linguistically isolated households	Spanish: ..... 68% Other Indo-European languages: ..... 13% Asian-Pacific Island languages: ..... 10% Other languages: ..... 8%
Percent linguistically isolated population, New Mexico*:	5.4%
Per capita income	\$32,543
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](https://factfinder.census.gov/bkmk/table/1.0/en/ACS/15_5YR/S1602/0400000US35) (date of access: 7/26/2018).

\*\* 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](https://factfinder.census.gov/bkmk/table/1.0/en/ACS/15_1YR/S0201/0100000US) (date of access: 7/26/2018).

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. The Bureau has therefore 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 its budget and time limitations allow, 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**

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

### **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 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 will be notified about the licensing process. A list of the agencies and officials can be provided upon request.

Indian Tribes, Pueblos and Nations will be notified about the licensing action through the contacts maintained by the Indian Affairs Department at the following URLs:

<http://www.iad.state.nm.us/apaches.html>

<http://www.iad.state.nm.us/navajo.html>

<http://www.iad.state.nm.us/pueblos.html>

Timelines and methods for submitting public comments are specified in the *Table of Mandated Public Involvement Activities*. Final radioactive material license documents will be available from the Bureau's 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 the names and contact information of interested parties with all public notices. The Bureau maintains those names 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 for this license if they want 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 posted 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.

#### **Attachments**

- LEP Assessment
- A copy of the EJSCREEN ACS Summary Report and a map showing the area evaluated
- A copy of New Mexico Indian Affairs Department – Apache Tribes and Nations
- A copy of New Mexico Indian Affairs Department – Navajo Tribes and Nations
- A copy of New Mexico Indian Affairs Department – Pueblos
- 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: D&S Engineering Labs, LLC**

### **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:**

1. The number of LEP individuals (persons over the age of 5 who speak English "less than very well" in the affected community) is 4,140.
2. The percentage of LEP individuals in the affected community is 4%.
3. The percentage of linguistically isolated households is 1.9%, which is somewhat less than the statewide average.
4. Spanish is the predominant non-English language spoken by LEP persons.
5. Historical participation: This application is for a new license, so the Bureau does not have a historical record. No one has yet requested to be placed 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 taking part in hearings. Most licenses do not generate public interest, and participation is low for most licenses. Historical participation in licensing activities for this facility is summarized under Factor 1. Historically based on the processing of new license applications from December 2003 to the current application no public hearings were held as specified pursuant to 20.3.3.310 NMAC.

#### **Conclusion:**

LEP participation and overall public interest in this facility have been 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 licensing activity is deemed by the RCB to be "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 ensure the protection of public health, 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 establishment of valid licenses ensures that radioactive materials will not impact the State's worker, the public, the environment, and that waste disposal and decommissioning is conducted safe and consistent manner adhering to 20.3 NMAC regulations throughout the State.

**Conclusion:**

The RCB considers the licensing activity "important" to NMED, to 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. The costs of newspaper publication of public notice in Spanish and of interpretive services for a public meeting or hearing are incorporated into the Bureau's budget, 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. If additional services are requested, the budgetary implications will be reviewed.

**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 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 35.177454, -106.691716  
 Ring (buffer): 4-mile radius  
 Description: D&S Engineering Labs, LLC

Summary of ACS Estimates		2012 - 2016	
Population			125,245
Population Density (per sq. mile)			2,566
Minority Population			70,628
% Minority			56%
Households			47,038
Housing Units			50,000
Housing Units Built Before 1950			1,779
Per Capita Income			32,543
Land Area (sq. miles) (Source: SF1)			48.81
% Land Area			98%
Water Area (sq. miles) (Source: SF1)			0.99
% Water Area			2%
	2012 - 2016 ACS Estimates	Percent	MOE (±)
<b>Population by Race</b>			
Total	125,245	100%	1,233
Population Reporting One Race	119,457	95%	3,053
White	97,603	78%	1,098
Black	3,216	3%	405
American Indian	5,465	4%	613
Asian	2,846	2%	365
Pacific Islander	68	0%	53
Some Other Race	10,259	8%	519
Population Reporting Two or More Races	5,788	5%	254
Total Hispanic Population	57,349	46%	1,111
Total Non-Hispanic Population	67,896		
White Alone	54,617	44%	716
Black Alone	2,684	2%	389
American Indian Alone	4,994	4%	613
Non-Hispanic Asian Alone	2,363	2%	268
Pacific Islander Alone	48	0%	53
Other Race Alone	325	0%	136
Two or More Races Alone	2,865	2%	235
<b>Population by Sex</b>			
Male	61,852	49%	1,059
Female	63,393	51%	470
<b>Population by Age</b>			
Age 0-4	7,773	6%	279
Age 0-17	30,411	24%	445
Age 18+	94,834	76%	602
Age 65+	15,115	12%	220

**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) 2012 - 2016.

Location: User-specified point center at 35.177454, -106.691716

Ring (buffer): 4-mile radius

Description: D&S Engineering Labs, LLC

	2012 - 2016 ACS Estimates	Percent	MOE (±)
<b>Population 25+ by Educational Attainment</b>			
Total	84,115	100%	910
Less than 9th Grade	1,792	2%	276
9th - 12th Grade, No Diploma	3,332	4%	214
High School Graduate	18,373	22%	288
Some College, No Degree	29,696	35%	295
Associate Degree	7,929	9%	169
Bachelor's Degree or more	30,921	37%	295
<b>Population Age 5+ Years by Ability to Speak English</b>			
Total	117,472	100%	1,207
Speak only English	92,720	79%	593
Non-English at Home <sup>1+2+3+4</sup>	24,752	21%	934
<sup>1</sup> Speak English "very well"	20,612	18%	484
<sup>2</sup> Speak English "well"	2,637	2%	208
<sup>3</sup> Speak English "not well"	1,126	1%	360
<sup>4</sup> Speak English "not at all"	376	0%	279
<sup>3+4</sup> Speak English "less than well"	1,502	1%	455
<sup>2+3+4</sup> Speak English "less than very well"	4,140	4%	463
<b>Linguistically Isolated Households*</b>			
Total	888	100%	88
Speak Spanish	605	68%	82
Speak Other Indo-European Languages	116	13%	61
Speak Asian-Pacific Island Languages	92	10%	26
Speak Other Languages	75	8%	54
<b>Households by Household Income</b>			
Household Income Base	47,038	100%	192
< \$15,000	4,078	9%	124
\$15,000 - \$25,000	3,639	8%	136
\$25,000 - \$50,000	9,553	20%	211
\$50,000 - \$75,000	9,912	21%	224
\$75,000 +	19,856	42%	215
<b>Occupied Housing Units by Tenure</b>			
Total	47,038	100%	192
Owner Occupied	33,446	71%	186
Renter Occupied	13,592	29%	193
<b>Employed Population Age 16+ Years</b>			
Total	98,248	100%	1,154
In Labor Force	65,110	66%	518
Civilian Unemployed in Labor Force	3,376	3%	139
Not In Labor Force	33,138	34%	1,097

**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)

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

## EJSCREEN ACS Summary Report



Location: User-specified point center at 35.177454, -106.691716

Ring (buffer): 4-mile radius

Description: D&S Engineering Labs, LLC

	2012 - 2016 ACS Estimates	Percent	MOE (±)
<b>Population by Language Spoken at Home*</b>			
Total (persons age 5 and above)	111,892	100%	1,188
English	87,785	78%	726
Spanish	19,384	17%	1,023
French	304	0%	100
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	384	0%	167
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	543	0%	121
Chinese	281	0%	160
Japanese	N/A	N/A	N/A
Korean	130	0%	169
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	241	0%	91
Other Asian	491	0%	207
Tagalog	174	0%	121
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	200	0%	180
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	1,862	2%	509
Total Non-English	24,106	22%	1,330

**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) 2012 - 2016.

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



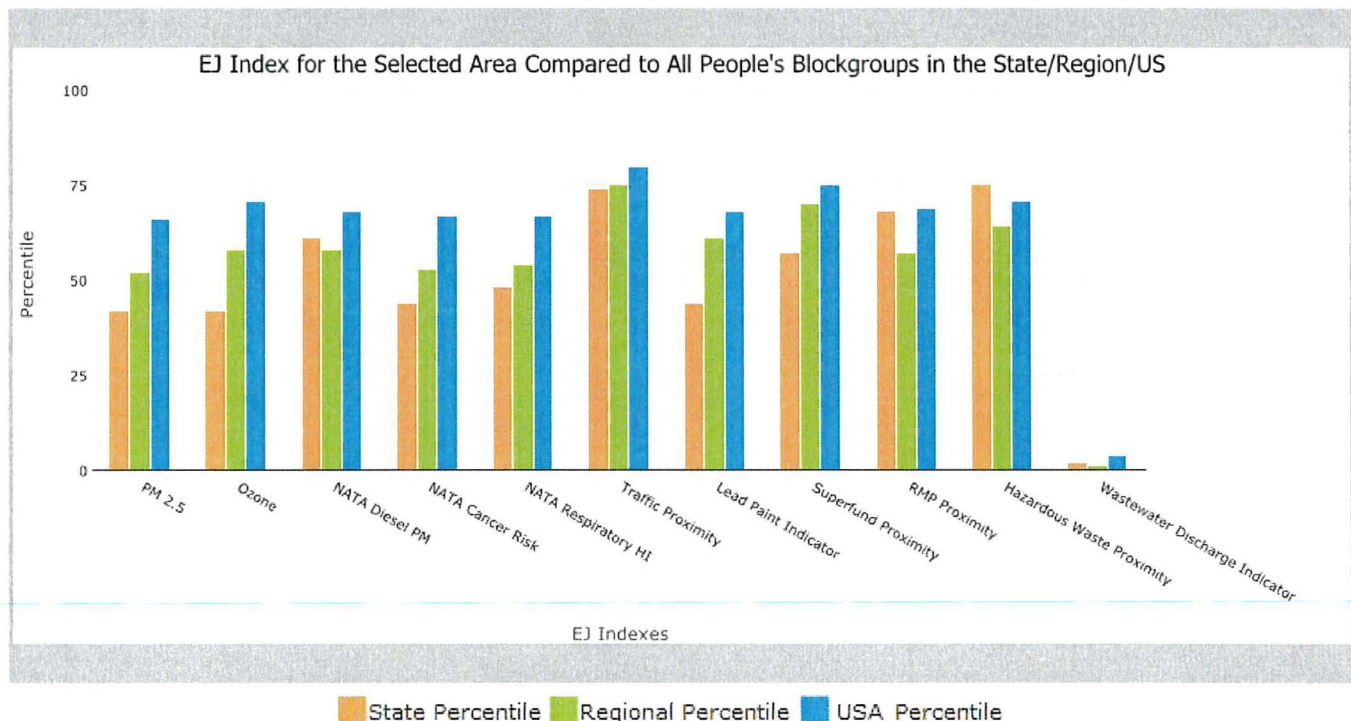
4 mile Ring Centered at 35.177454,-106.691716, NEW MEXICO, EPA Region 6

Approximate Population: 125,245

Input Area (sq. miles): 50.26

D&S Engineering Labs, LLC (The study area contains 1 blockgroup(s) with zero population.)

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
<b>EJ Indexes</b>			
EJ Index for PM2.5	42	52	66
EJ Index for Ozone	42	58	71
EJ Index for NATA* Diesel PM	61	58	68
EJ Index for NATA* Air Toxics Cancer Risk	44	53	67
EJ Index for NATA* Respiratory Hazard Index	48	54	67
EJ Index for Traffic Proximity and Volume	74	75	80
EJ Index for Lead Paint Indicator	44	61	68
EJ Index for Superfund Proximity	57	70	75
EJ Index for RMP Proximity	68	57	69
EJ Index for Hazardous Waste Proximity	75	64	71
EJ Index for Wastewater Discharge Indicator	2	1	4



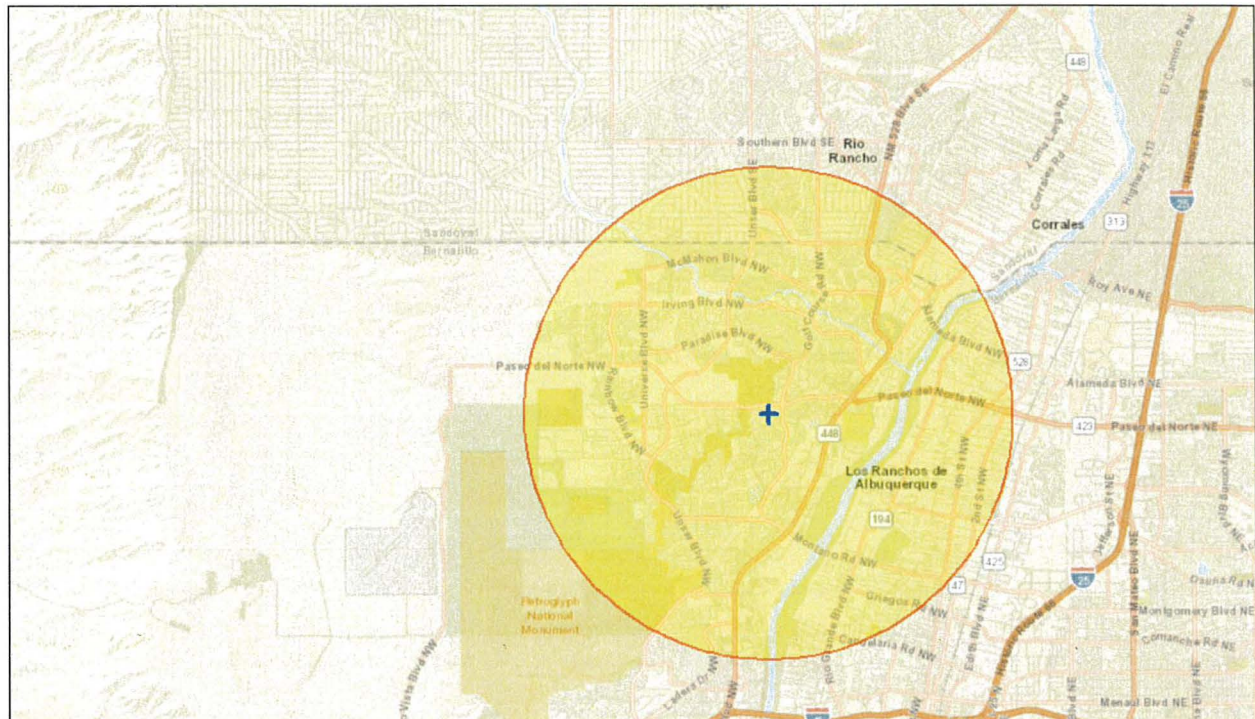
This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective 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.

4 mile Ring Centered at 35.177454,-106.691716, NEW MEXICO, EPA Region 6

Approximate Population: 125,245

Input Area (sq. miles): 50.26

D&S Engineering Labs, LLC (The study area contains 1 blockgroup(s) with zero population.)



**Sites reporting to EPA**

Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0



## EJSCREEN Report (Version 2018)

4 mile Ring Centered at 35.177454,-106.691716, NEW MEXICO, EPA Region 6

Approximate Population: 125,245

Input Area (sq. miles): 50.26

D&S Engineering Labs, LLC (The study area contains 1 blockgroup(s) with zero population.)

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
<b>Environmental Indicators</b>							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$ )	6.7	6.25	66	9.55	3	9.53	6
Ozone (ppb)	50.7	49.7	77	40.4	98	42.5	91
NATA* Diesel PM ( $\mu\text{g}/\text{m}^3$ )	0.633	0.473	71	0.721	50-60th	0.938	<50th
NATA* Cancer Risk (lifetime risk per million)	34	32	56	42	<50th	40	<50th
NATA* Respiratory Hazard Index	1.4	1.4	60	1.8	<50th	1.8	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	380	290	78	320	79	600	73
Lead Paint Indicator (% Pre-1960 Housing)	0.075	0.19	46	0.18	50	0.29	33
Superfund Proximity (site count/km distance)	0.076	0.13	65	0.07	78	0.12	63
RMP Proximity (facility count/km distance)	0.25	0.22	77	0.8	42	0.72	46
Hazardous Waste Proximity (facility count/km distance)	0.44	0.39	76	0.86	57	4.3	49
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	0.23	2.1	89	0.38	96	30	92
<b>Demographic Indicators</b>							
Demographic Index	41%	52%	32	44%	49	36%	64
Minority Population	56%	61%	42	51%	57	38%	71
Low Income Population	25%	43%	23	38%	32	34%	40
Linguistically Isolated Population	2%	5%	40	6%	46	4%	55
Population With Less Than High School Education	6%	15%	28	17%	25	13%	33
Population Under 5 years of age	6%	6%	54	7%	44	6%	54
Population over 64 years of age	12%	15%	41	13%	54	14%	44

\* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

For additional information, see: [www.epa.gov/environmentaljustice](http://www.epa.gov/environmentaljustice)

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.



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
<b>TOTAL NUMBER OF RACES REPORTED</b>		
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
<b>SEX AND AGE</b>		
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
<b>EMPLOYMENT STATUS</b>		
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
<b>Females 16 years and over</b>		
Population 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
<b>COMMUTING TO WORK</b>		
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
<b>OCCUPATION</b>		
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
<b>Male civilian employed population 16 years and over</b>		
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
<b>Female civilian employed population 16 years and over</b>		
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
<b>INDUSTRY</b>		

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
<b>HEALTH INSURANCE COVERAGE</b>		
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
<b>POVERTY RATES FOR FAMILIES AND PEOPLE FOR WHOM POVERTY STATUS IS DETERMINED</b>		
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
<b>HOUSING TENURE</b>		
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
<b>UNITS IN STRUCTURE</b>		
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
<b>YEAR STRUCTURE BUILT</b>		
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
<b>VEHICLES AVAILABLE</b>		
Occupied housing units	118,208,250	+/-155,130
None	8.9%	+/-0.1
1 or more	91.1%	+/-0.1
<b>HOUSE HEATING FUEL</b>		
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](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](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.

[• Home](#) [• Support](#) [• Contact](#)

---

[About](#) [STCA](#) [Policy Unit](#) [Programs/Funding Resources](#) [Initiatives](#) [Meetings & Events](#) [Pueblos, Tribes & Nations](#) [Tribal Liaisons](#) [Stay Connected](#)

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### Contact Information

[IAD Staff Contact Information](#)

### Events & Meetings

[Information on tribally related events happening in New Mexico](#)

### Low Level Fly-Over

[General information and instructions for submitting no fly-over requests or overflight resolutions](#)

### IAD Insight

[View Monthly IAD Newsletters](#)

### State-Tribal Collaboration Act

[Senate Bill 196](#)

### TIF Application Portal

[An application portal for tribes, nations and pueblos to request for funding through the Tribal Infrastructure Fund](#)

### Tribal Liaisons

[Includes contact information for all tribal liaisons within State Agencies](#)

### Notice of Right to Inspect Public Record

[Includes procedure for requesting inspections and copies](#)

## Apache Tribes and Nations

*Tribal Entities as recognized by the U.S. Department of Interior, Federal Register Vol. 79, No. 19, 4748-4753 (Updated February 19, 2019)*

### Jicarilla Apache Nation

President Derrell Paiz  
P.O. Box 507  
Dulce, NM 87528  
Phone: (575) 759-3242  
Fax: (575) 759-3005  
Vice President Edward Velarde

### Mescalero Apache Tribe

President Arthur "Butch" Blazer  
P.O. Box 227  
Mescalero, NM 88340  
Phone: (575) 464-4484  
Fax: (575) 464-9191  
Vice President Gabe Aguilar

### Fort Sill Apache Tribe

Chairwoman Lori Goodday Ware  
Rt. 2, Box 121  
Apache, OK 73006  
Phone: (580) 588-2298  
Fax: (580) 588-3133  
(Vice-Chairman to be named)

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Page Hits

---

### State of New Mexico Links

[Office of the Governor](#)  
[New Mexico Legislature](#)  
[State of New Mexico](#)

[• Home](#) • [Support](#) • [Contact](#)

---

[About](#)   [STCA](#)   [Policy Unit](#)   [Programs/Funding Resources](#)   [Initiatives](#)   [Meetings & Events](#)   [Pueblos, Tribes & Nations](#)   [Tribal Liaisons](#)   [Stay Connected](#)

---

### Quick Links

#### Contact Information

[IAD Staff Contact Information](#)

#### Events & Meetings

[Information on tribally related events happening in New Mexico](#)

#### Low Level Fly-Over

[General information and instructions for submitting no fly-over requests or overflight resolutions](#)

#### IAD Insight

[View Monthly IAD Newsletters](#)

#### State-Tribal Collaboration Act

[Senate Bill 196](#)

#### TIF Application Portal

[An application portal for tribes, nations and pueblos to request for funding through the Tribal Infrastructure Fund](#)

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[Includes contact information for all tribal liaisons within State Agencies](#)

#### Notice of Right to Inspect Public Record

[Includes procedure for requesting inspections and copies](#)

### Navajo Nation

*Tribal Entities as recognized by the U.S. Department of Interior, Federal Register Vol. 79, No. 19, 4748-4753 (Updated February 19, 2019)*

#### Navajo Nation

President Jonathan Nez  
P.O. Box 7440  
Window Rock, AZ 86515  
Phone: (928) 871-7000  
Fax: (928) 871-4025  
Vice President Myron Lizer

#### Navajo Nation Council

Seth Damon, Office of the Speaker  
P.O. Box 3390  
Window Rock, AZ 86515  
Phone: (928) 871-7160  
Fax: (928) 871-7255

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Page Hits



---

#### State of New Mexico Links

[Office of the Governor](#)  
[New Mexico Legislature](#)  
[State of New Mexico](#)

• [Home](#) • [Support](#) • [Contact](#)

[About](#)   [STCA](#)   [Policy Unit](#)   [Programs/Funding Resources](#)   [Initiatives](#)   [Meetings & Events](#)   [Pueblos, Tribes & Nations](#)   [Tribal Liaisons](#)   [Stay Connected](#)

## Quick Links

### Contact Information

[IAD Staff Contact Information](#)

### Events & Meetings

[Information on tribally related events happening in New Mexico](#)

### Low Level Fly-Over

[General information and instructions for submitting no fly-over requests or overflight resolutions](#)

### IAD Insight

[View Monthly IAD Newsletters](#)

### State-Tribal Collaboration Act

[Senate Bill 196](#)

### TIF Application Portal

[An application portal for tribes, nations and pueblos to request for funding through the Tribal Infrastructure Fund](#)

### Tribal Liaisons

[Includes contact information for all tribal liaisons within State Agencies](#)

### Notice of Right to Inspect Public Record

[Includes procedure for requesting inspections and copies](#)

## New Mexico Pueblos

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### [Pueblo of Acoma](#)

Governor Brian Vallo  
P.O. Box 309  
Acoma, NM 87034  
Phone: (505) 552-6604  
Fax: (505) 552-7204  
1st Lt. Mark Thompson  
2nd Lt. Gov. Bernard E. Lewis

### [Pueblo of Isleta](#)

Governor Max A. Zuni  
P.O. Box 1270  
Isleta Pueblo, NM 87022  
Phone: (505) 869-3111  
Fax: (505) 869-7598  
1st Lt. Gov. Eugene Jiron  
2nd Lt. Gov. Richard Jaramillo

### [Pueblo of Laguna](#)

Governor Wilfred Herrera, Jr.  
P.O. Box 194  
Laguna Pueblo, NM 87026  
Phone: (505) 552-0654  
Fax: (505) 552-6941  
1st Lt. Gov. Christopher F. Luther  
2nd Lt. Gov. Norbert Wacando

### [Ohkay Owingeh](#)

Governor Ron Lovato  
P.O. Box 1099  
San Juan Pueblo, NM 87566  
Phone: (505) 852-4400  
Fax: (505) 852-4820  
1st Lt. Gov. Albert Bowie  
2nd Lt. Gov. James Trujillo, Sr.

### [Pueblo of Pojoaque](#)

Governor Joseph M. Talachy  
Pueblo of Pojoaque  
78 Cities of Gold Road  
Santa Fe, NM 87506  
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Fax: (505) 455-0174  
Lt. Gov. Janelle Roybal

### [Pueblo of Cochiti](#)

Governor Eugene Herrera  
P.O. Box 70  
Cochiti Pueblo, NM 87072  
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Fax: (505) 485-1135  
Lt. Gov. Michael Quintana

### [Pueblo of Jemez](#)

Governor David M. Toledo  
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2nd Lt. Gov. Elston Yepa

### [Pueblo of Nambe](#)

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### [Pueblo of San Felipe](#)

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Pueblo of San Ildefonso

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Lt. Gov. Christopher Moquino

Pueblo of Sandia

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Lt. Gov. Simon Jay Garcia

Pueblo of Santa Clara

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Lt. Gov. Charles Suazo

Pueblo of Santo Domingo

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Lt. Gov. Ivan Garcia

Pueblo of Taos

Governor Richard Asperwind  
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Lt. Gov. Joe Romero

Pueblo of Tesuque

Governor Milton Herrera  
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Fax: (505) 982-2331  
Lt. Gov. Travis Vigil

Pueblo of Zia

Governor Anibal Medina  
135 Capitol Square Dr  
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Lt. Gov. Carlos Pino

Pueblo of Zuni

Governor Val R. Panteah, Sr.  
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Lt. Gov. Carleton R. Bowekaty

Ysleta Del Sur (APCG Member)

Governor E. Michael Silvas  
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Fax: (915) 859-4262  
Lt. Gov. Adam Torres

**Pueblo Organizations**All Pueblo Council of Governors

2401 12th Street, NW  
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Phone: (505) 212-7041  
Fax: (505) 883-7882

Five Sandoval Indian Pueblos

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Fax: (505) 867-3514

Eight Northern Indian Pueblos Council

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Phone: (505) 747-1593  
Fax: (505) 747-1599

Ten Southern Pueblo Governor's Council

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Page Hits

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Office of the Governor  
New Mexico Legislature  
State of New Mexico