Public Involvement Plan

New Mexico Environment Department
Air Quality Bureau, Planning Section

Project: Annual Report for San Juan Generating Station for the 2010 SO$_2$
National Ambient Air Quality Standard Data Requirements Rule

Planning Timeframe: March – June 2020-2022

Project Planner: Anne Keller

Approval: _____ Date: _____
    Elizabeth Bisbey-Kuehn, Chief, Air Quality Bureau

Purpose

The New Mexico Environment Department (NMED) developed this Public Involvement Plan (Plan) to provide public participation opportunities and information that may be needed to participate in the inspection of the required annual report for the San Juan Generating Station, pursuant to the 2010 SO_2 Data Requirements Rule. The Air Quality Bureau (Bureau) encourages public participation in regulatory and other planning opportunities and has developed this Plan to increase transparency regarding the planning and decision-making processes. This Plan integrates information about potentially affected communities and identifies resources provided by the Bureau to successfully incorporate community participation activities into the decision-making process. The Plan identifies the NMED staff and resources needed to accomplish these activities.

In developing this Plan, 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, etc.) that may impact public participation needs. This assessment identifies community outreach needs, provides for public access opportunities beyond statutory requirements, and supports the provision of adequate public access to information about the annual report on SO_2 emissions at the San Juan Generating Station.

EPA requires that the annual report of SO_2 emissions at the San Juan Generating Station be "available for public inspection." The Bureau will follow this Plan, specifically designed to ensure nondiscriminatory access to this public participation opportunity related to federal rule requirements.

Details about planned Bureau outreach are provided in this Plan.

Project Overview

Pursuant to the Data Requirements Rule for the 2010 1-Hour Sulfur Dioxide (SO_2) Primary National Ambient Air Quality Standard (NAAQS), air agencies are required to submit an annual report to their respective EPA Regional Administrator for areas which demonstrated attainment for the 2010 SO_2 NAAQS by modeling of actual emissions. This report shall document the annual SO_2 emissions of each applicable source and provide an assessment of the cause of any emissions increase from the previous year. The first report is due by July 1 of the calendar year after the effective date of the area's initial designation.

All areas of New Mexico have been designated attainment/unclassifiable through three rounds of designations by the U.S. Environmental Protection Agency (EPA). As part of the round 3 designation process, the 2015 Data Requirements Rule stipulated that, for areas surrounding sources emitting 2,000 tons per year (TPY) or more of sulfur dioxide, states must characterize air quality in one of three ways: (1) ambient air monitoring; (2) modeling of either actual or allowable emissions; or (3) demonstration of enforceable emissions limitations below the 2,000 TPY threshold.

In New Mexico, the only source emitting above the 2,000 TPY threshold was the San Juan Generating Station (SJGS). This source, working with the Air Quality Bureau, decided to characterize that area's air quality by modeling actual emissions. Modeling submitted to EPA in January 2017 demonstrated that this area met the 2010 SO_2 Primary NAAQS, using quality-assured data from the SJGS' continuous emissions monitoring system (CEMS) for the years 2013 - 2015. EPA designated this area and all of San Juan County as attainment/unclassifiable in December 2017.

This Project is moderately important to the Department and the affected communities. The annual report is a federal requirement for continuing to show that San Juan County meets the 2010 Primary SO_2 NAAQS. However, the annual report does not affect any permitting or regulatory action that would negatively affect stakeholders.

A more detailed description of this project is available for download at www.env.nm.gov/air-quality/proposed-regs/, or in hard copy at the Bureau's main office, 525 Camino de los Marquez, Santa Fe, New Mexico 87505.

Contacts

The public is encouraged to contact Bureau or NMED staff at any time with questions or comments regarding this Plan or the annual report, or for help in accessing public participation opportunities.

Project and Public Involvement Plan contact:
   Anne Keller, Environmental Analyst
   Air Quality Bureau
   525 Camino de los Marquez
   Santa Fe, NM 87505

   Phone: (505) 476-4333
   Email: anne.keller@state.nm.us

Website:
Outreach materials and notices will include links to the following website: https://www.env.nm.gov/air-quality/proposed-regs/

Non-English Language Speaker Assistance and Accommodations:

The Bureau will include information about how persons may request non-English speaker language assistance and accommodations for persons with disabilities. If any person requires non-English Language Speaker Assistance, assistance for an interpreter or auxiliary aid (e.g., accommodations for persons who are disabled) to participate in review of this report, please contact the Project contact listed above, preferably 14 days prior to the end of the public comment period. TDD or TTY users please access the number via the New Mexico Relay Network, 1-800-659-1779 (voice); TTY users: 1-800-659-8331).

Community Descriptions/LEP Analysis

To address potential or existing environmental justice areas, Bureau staff completed an initial screening of the potentially affected communities using the 2018 American Community Survey 5-year Estimates Detailed Tables Report, the July 1, 2019 U.S. Census QuickFacts Report, and the EJSCREEN ACS Summary Report. These tools help identify communities with demographic factors that may benefit from a variety of approaches for notification and outreach communication.

Table 1 summarizes the demographics of potentially affected communities analyzed using the 2018 American Community Survey 5-year Estimates Detailed Tables Report, the July 1, 2019 U.S. Census

QuickFacts Report, and the EJSCREEN ACS Summary Report, including the proportion of limited English proficiency persons.

Table 1: Potentially affected communities and their estimated demographics.

Potentially Affected Communities	Total Number of Households	Per Capita Income	Minority Population (%)	Non-English Language Spoken at Home* (%)	Limited-English Proficient Individuals† (%)	Linguistically Isolated Households (%)
San Juan County	43,134	$23,206	62%	31%	5.7%	4%
San Juan Generating Station – 4 mi	458	$21,540	57%	33%	2%	1%
New Mexico	775,651	$26,085	63%	35%	8.9%	5.3%
USA	119,730,128	$32,621	40%	22%	8.5%	4.4%

*Significant languages in these households include Navajo and Spanish.
†Limited English Proficient Individuals are those that speak a language other than English at home **and** who speak English "less than very well."

Using the results of the 2018 American Community Survey 5-year Estimates Detailed Tables Report, the July 1, 2019 U.S. Census QuickFacts Report, and the EJSCREEN ACS Summary Report, San Juan County and the area immediately surrounding San Juan Generating Station include areas that may benefit from additional public participation support. Two areas were analyzed: (1) a 4-mile buffer surrounding the San Juan Generating Station; and (2) all of San Juan County. San Juan County was included in the analysis because the EPA designation depends on continued reporting for the county.
The results of the EJSCREEN analysis are as follows:
1. The population in the affected communities have a lower per capita income, compared to state and national demographic data;
2. Compared to national demographic data, the 4-mile buffer community has a higher minority population. However, San Juan County has a slightly lower minority population than the state average;
3. Compared to national demographic data, the 4-mile buffer community has a higher population not speaking English at home. However, San Juan County has a slightly lower proportion of non-English-speaking households than the state average;
4. The 4-mile buffer community comprises 2% of individuals who speak English "less than very well" and who do not speak English at home – the "Limited English Proficient individuals." This is lower than the state average of 8.9%;
5. San Juan County has 5.7% of individuals considered to be "Limited English Proficient individuals," which is also less than the state average; and
6. Only 1% of households in the 4-mile buffer are considered "linguistically isolated," while 4% in San Juan County are considered so. Both are lower than the state average of 5.3%.

No meetings are anticipated, as this project should garner little attention. Should a meeting be requested, NMED will respond with an update to this Public Involvement Plan. An updated plan would

include further outreach efforts to announce the meeting, and a contingency plan should we be unable to hold a meeting due to unforeseen circumstances. However, a hearing will not be required.

To help incorporate the language and communication needs of this community when conducting public outreach, the Bureau will provide public service announcements to nearby Chapter Governments of the Navajo Nation and to a Navajo radio station. This will consist of public comment notices to make public participation efforts as inclusive as possible within Bureau budget and time limitations. Notices will include information on how to request additional materials in another language or how to request other communication assistance through NMED. These outreach efforts are outlined more in depth below. In addition, persons with disabilities may request additional services and arrangements necessary for participation in all public involvement activities by using the information provided in the "Contacts" and "Document Repositories" sections of this Plan.

Details of Outreach Activities

The public may ask questions about this project at any time, regardless of the public comment period. However, to be included in the administrative record, comments solicited by public notices must be submitted during the noticed comment periods in accordance with the requirements of the public notice. Additionally, the public may request to review official project documents at the Bureau or through one of the document repositories listed below.

As discussed above, materials will be distributed to Navajo-speaking entities. The Bureau has concluded, through a separate analysis, that materials will not be translated into a language other than English.

The NMED field offices will serve as access areas for the Bureau to leave hard copies of important documents and information about how to comment on the proceeding as well as instructions to access this information electronically. Specific repository addresses are provided on page 6.

The following tables offer information of how the public will be invited to participate in this project. The timeline will follow similar dates in subsequent years.

Table 2: Timeline of public involvement opportunities. Regulatory or statutory deadlines are in **bold.** Note that dates may be approximate. Notices will contain final dates, and specific locations and times.

Activity	Dates
PIP development.	April 2020
Notice of draft annual report via ListServ and NMED web site.	May 15, 2020
Public review and informal comment period.	May 15, 2020 – June 15, 2020
Submit Annual Report and comment summary to U.S. EPA Region 6.	**July 1, 2020**

Additional Community Outreach:

Bureau Staff will make every effort to follow this Plan. However, this timeline is tentative and subject to change. Should significant changes to this timeline occur, the Plan will be amended and republished in the same manner as the original plan.

Because San Juan County includes tribal lands over which the Bureau does not have jurisdiction, a copy of the Annual Report, the announcement of its availability and the process for comment (in English) will be emailed to the following Chapter Governments of the Navajo Nation:

- Tse Daa K'aan [Hogback] (tsedaakaan@navajochapters.org)

- Upper Fruitland (upperfruitland@navajochapters.org)
- Nenahnezad (nenahnezad@navajochapters.org)
- San Juan (sanjuan@navajochapters.org)
- Huerfano (huerfano@navajochapters.org)

A Listserv announcement of document availability and comment period will be sent to subscribers of the AQB Regulatory and SIP Announcements, and to the subscribers of the AQB Four Corners Air Quality Group. To receive email updates through NMED's Listserv, sign up electronically at https://public.govdelivery.com/accounts/NMED/subscriber/new, then choose which topics you are most interested in. This project will periodically send updates to the topic lists described above.

Document Repositories:

The following is a list of locations where copies of relevant documents will be available to the community:

Santa Fe	Farmington
525 Camino de los Marquez, Ste. 1 Santa Fe, NM 87505 Telephone: 505.476.4300	3400 Messina Drive, Ste. 5000 Farmington, NM 87402 Telephone: 505.566.9741

Electronic copies are available at:
 https://www.env.nm.gov/air-quality/proposed-regs/

U.S. Census Quick Facts

QuickFacts

San Juan County, New Mexico; New Mexico; United States

QuickFacts provides statistics for all states and counties, and for cities and towns with a **population of 5,000 or more**.

Table

ALL TOPICS	San Juan County, New Mexico	New Mexico	United States
Population estimates, July 1, 2019, (V2019)	**123,958**	**2,096,829**	**328,239,523**
👤 PEOPLE			
Population			
Population estimates, July 1, 2019, (V2019)	**123,958**	**2,096,829**	**328,239,523**
Population estimates, July 1, 2018, (V2018)	125,043	2,095,428	327,167,434
Population estimates base, April 1, 2010, (V2019)	130,045	2,059,199	308,758,105
Population estimates base, April 1, 2010, (V2018)	130,045	2,059,180	308,758,105
Population, percent change - April 1, 2010 (estimates base) to July 1, 2019, (V2019)	-4.7%	1.8%	6.3%
Population, percent change - April 1, 2010 (estimates base) to July 1, 2018, (V2018)	-3.8%	1.8%	6.0%
Population, Census, April 1, 2010	130,044	2,059,179	308,745,538
Age and Sex			
Persons under 5 years, percent	▲ 6.7%	▲ 5.9%	▲ 6.1%
Persons under 18 years, percent	▲ 26.4%	▲ 23.0%	▲ 22.4%
Persons 65 years and over, percent	▲ 14.9%	▲ 17.5%	▲ 16.0%
Female persons, percent	▲ 50.5%	▲ 50.5%	▲ 50.8%
Race and Hispanic Origin			
White alone, percent	▲ 54.6%	▲ 82.0%	▲ 76.5%
Black or African American alone, percent (a)	▲ 0.8%	▲ 2.6%	▲ 13.4%
American Indian and Alaska Native alone, percent (a)	▲ 41.1%	▲ 10.9%	▲ 1.3%
Asian alone, percent (a)	▲ 0.6%	▲ 1.8%	▲ 5.9%
Native Hawaiian and Other Pacific Islander alone, percent (a)	▲ 0.1%	▲ 0.2%	▲ 0.2%
Two or More Races, percent	▲ 2.8%	▲ 2.6%	▲ 2.7%
Hispanic or Latino, percent (b)	▲ 20.5%	▲ 49.1%	▲ 18.3%
White alone, not Hispanic or Latino, percent	▲ 38.0%	▲ 37.1%	▲ 60.4%
Population Characteristics			
Veterans, 2014-2018	7,115	148,264	18,611,432
Foreign born persons, percent, 2014-2018	3.1%	9.6%	13.5%
Housing			
Housing units, July 1, 2018, (V2018)	51,276	943,208	138,537,078
Owner-occupied housing unit rate, 2014-2018	71.8%	67.6%	63.8%
Median value of owner-occupied housing units, 2014-2018	$150,400	$166,800	$204,900
Median selected monthly owner costs -with a mortgage, 2014-2018	$1,236	$1,262	$1,558
Median selected monthly owner costs -without a mortgage, 2014-2018	$309	$350	$490
Median gross rent, 2014-2018	$811	$828	$1,023
Building permits, 2018	71	4,813[1]	1,328,827
Families & Living Arrangements			
Households, 2014-2018	43,134	775,651	119,730,128
Persons per household, 2014-2018	2.91	2.64	2.63
Living in same house 1 year ago, percent of persons age 1 year+, 2014-2018	88.0%	86.4%	85.5%
Language other than English spoken at home, percent of persons age 5 years+, 2014-2018	31.3%	34.8%	21.5%
Computer and Internet Use			
Households with a computer, percent, 2014-2018	78.5%	83.8%	88.8%
Households with a broadband Internet subscription, percent, 2014-2018	63.0%	72.3%	80.4%

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Education

High school graduate or higher, percent of persons age 25 years+, 2014-2018	84.2%	85.3%	87.7%
Bachelor's degree or higher, percent of persons age 25 years+, 2014-2018	15.2%	27.1%	31.5%

Health

With a disability, under age 65 years, percent, 2014-2018	10.0%	10.3%	8.6%
Persons without health insurance, under age 65 years, percent	▲ 14.0%	▲ 11.4%	▲ 10.0%

Economy

In civilian labor force, total, percent of population age 16 years+, 2014-2018	57.7%	57.4%	62.9%
In civilian labor force, female, percent of population age 16 years+, 2014-2018	52.6%	53.8%	58.2%
Total accommodation and food services sales, 2012 ($1,000) (c)	201,839	4,349,672	708,138,598
Total health care and social assistance receipts/revenue, 2012 ($1,000) (c)	682,467	11,236,630	2,040,441,203
Total manufacturers shipments, 2012 ($1,000) (c)	268,581	29,102,352	5,696,729,632
Total merchant wholesaler sales, 2012 ($1,000) (c)	663,032	10,720,363	5,208,023,478
Total retail sales, 2012 ($1,000) (c)	1,801,607	25,179,274	4,219,821,871
Total retail sales per capita, 2012 (c)	$14,017	$12,073	$13,443

Transportation

Mean travel time to work (minutes), workers age 16 years+, 2014-2018	23.7	22.1	26.6

Income & Poverty

Median household income (in 2018 dollars), 2014-2018	$50,582	$48,059	$60,293
Per capita income in past 12 months (in 2018 dollars), 2014-2018	$23,206	$26,085	$32,621
Persons in poverty, percent	▲ 23.1%	▲ 19.5%	▲ 11.8%

📊 BUSINESSES

Businesses

Total employer establishments, 2017	2,626	44,039[1]	7,860,674
Total employment, 2017	34,753	626,466[1]	128,591,812
Total annual payroll, 2017 ($1,000)	1,507,103	25,723,101[1]	6,725,346,754
Total employment, percent change, 2016-2017	-6.1%	-0.4%[1]	1.5%
Total nonemployer establishments, 2017	5,192	124,091	25,701,671
All firms, 2012	8,178	151,363	27,626,360
Men-owned firms, 2012	3,652	71,132	14,844,597
Women-owned firms, 2012	2,941	59,044	9,878,397
Minority-owned firms, 2012	2,743	60,622	7,952,386
Nonminority-owned firms, 2012	4,858	83,857	18,987,918
Veteran-owned firms, 2012	747	14,096	2,521,682
Nonveteran-owned firms, 2012	6,808	128,693	24,070,685

🌐 GEOGRAPHY

Geography

Population per square mile, 2010	23.6	17.0	87.4
Land area in square miles, 2010	5,513.07	121,298.15	3,531,905.43
FIPS Code	35045	35	00

About datasets used in this table

Value Notes

1. Includes data not distributed by county.

⚠ Estimates are not comparable to other geographic levels due to methodology differences that may exist between different data sources.

Some estimates presented here come from sample data, and thus have sampling errors that may render some apparent differences between geographies statistically indistinguishable. Click the Quick Info ⓘ icon to the left of each row in TABLE view to learn about sampling error.

The vintage year (e.g., V2019) refers to the final year of the series (2010 thru 2019). *Different vintage years of estimates are not comparable.*

Fact Notes

(a) Includes persons reporting only one race
(b) Hispanics may be of any race, so also are included in applicable race categories
(c) Economic Census - Puerto Rico data are not comparable to U.S. Economic Census data

Value Flags

- Either no 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 or upper interval of an open ended distribution.
D Suppressed to avoid disclosure of confidential information
F Fewer than 25 firms
FN Footnote on this item in place of data
N Data for this geographic area cannot be displayed because the number of sample cases is too small.
NA Not available
S Suppressed; does not meet publication standards
X Not applicable
Z Value greater than zero but less than half unit of measure shown

QuickFacts data are derived from: Population Estimates, American Community Survey, Census of Population and Housing, Current Population Survey, Small Area Health Insurance Estimates, Small Area Income and Poverty Estimates, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits.

4/3/2020

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Note: This is a modified view of the original table produced by the U.S. Census Bureau.

Note: This download or printed version may have missing information from the original table.

ACS DEMOGRAPHIC AND HOUSING ESTIMATES

Survey/Program:
American Community Survey
Year:
2018
Estimates:
1-Year
Table ID:
DP05

Source: U.S. Census Bureau, 2018 American Community Survey 1-Year Estimates

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.

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 ACS Technical Documentation). The effect of nonsampling error is not represented in these tables.

For more information on understanding race and Hispanic origin data, please see the Census 2010 Brief entitled, Overview of Race and Hispanic Origin: 2010 , issued March 2011. (pdf format)

While the 2018 American Community Survey (ACS) data generally reflect the July 2015 Office of Management and Budget (OMB) delineations 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 delineations due to differences in the effective dates of the geographic entities.

Estimates of urban and rural populations, 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.

Explanation of Symbols:
    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.
    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, or the margin of error associated with a median was larger than the median itself.
    An "-" following a median estimate means the median falls in the lowest interval of an open-ended distribution.

An "+" following a median estimate means the median falls in the upper interval of an open-ended distribution.

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.

An "*****" entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.

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.

An "(X)" means that the estimate is not applicable or not available.

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

	San Juan County, New Mexico		New Mexico	
	Estimate	Percent	Estimate	Percent
⌃ SEX AND AGE				
⌃ RACE				
⌃ Race alone or in combination with on				
⌄ HISPANIC OR LATINO AND RACE				
⌄ Total population	125,043	125,043	2,095,428	2,095,428
⌄ Hispanic or Latino (of any race)	25,663	20.5%	1,029,229	49.1%
Mexican	N	N	641,955	30.6%
Puerto Rican	N	N	9,606	0.5%
Cuban	N	N	4,240	0.2%
Other Hispanic or Latino	N	N	373,428	17.8%
⌄ Not Hispanic or Latino	99,380	79.5%	1,066,199	50.9%
White alone	47,303	37.8%	773,039	36.9%
Black or African American alon	857	0.7%	39,940	1.9%
American Indian and Alaska Na	48,261	38.6%	183,944	8.8%
Asian alone	968	0.8%	31,807	1.5%
Native Hawaiian and Other Paci	42	0.0%	2,030	0.1%
Some other race alone	131	0.1%	3,662	0.2%
⌃ Two or more races	1,818	1.5%	31,777	1.5%
Total housing units	51,273	(X)	943,232	(X)
⌃ CITIZEN, VOTING AGE POPULATION				

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Note: This is a modified view of the original table produced by the U.S. Census Bureau.

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ACS DEMOGRAPHIC AND HOUSING ESTIMATES

Survey/Program:
American Community Survey
Year:
2018
Estimates:
1-Year
Table ID:
DP05

Source: U.S. Census Bureau, 2018 American Community Survey 1-Year Estimates

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.

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 ACS Technical Documentation). The effect of nonsampling error is not represented in these tables.

For more information on understanding race and Hispanic origin data, please see the Census 2010 Brief entitled, Overview of Race and Hispanic Origin: 2010 , issued March 2011. (pdf format)

While the 2018 American Community Survey (ACS) data generally reflect the July 2015 Office of Management and Budget (OMB) delineations 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 delineations due to differences in the effective dates of the geographic entities.

Estimates of urban and rural populations, 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.

Explanation of Symbols:
    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.
    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, or the margin of error associated with a median was larger than the median itself.

An "-" following a median estimate means the median falls in the lowest interval of an open-ended distribution.

An "+" following a median estimate means the median falls in the upper interval of an open-ended distribution.

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.

An "*****" entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.

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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.

| | United States | |
	Estimate	Percent
⌃ SEX AND AGE		
⌃ RACE		
⌃ Race alone or in combination with one or more		
⌄ HISPANIC OR LATINO AND RACE		
⌄ Total population	327,167,439	327,167,439
⌄ Hispanic or Latino (of any race)	59,763,631	18.3%
Mexican	36,986,661	11.3%
Puerto Rican	5,791,453	1.8%
Cuban	2,363,532	0.7%
Other Hispanic or Latino	14,621,985	4.5%
⌄ Not Hispanic or Latino	267,403,808	81.7%
White alone	197,033,939	60.2%
Black or African American alone	40,305,870	12.3%
American Indian and Alaska Native alone	2,180,266	0.7%
Asian alone	18,193,513	5.6%
Native Hawaiian and Other Pacific Islande	559,945	0.2%
Some other race alone	826,107	0.3%
⌄ Two or more races	8,304,168	2.5%
Two races including Some other race	322,263	0.1%
Two races excluding Some other race, a	7,981,905	2.4%

Total housing units	138,539,906	(X)
^ CITIZEN, VOTING AGE POPULATION		

United States™ Census Bureau

Note: This is a modified view of the original table produced by the U.S. Census Bureau.

Note: This download or printed version may have missing information from the original table.

AGE BY LANGUAGE SPOKEN AT HOME FOR THE POPULATION 5 YEARS AND OVER IN LIMITED ENGLISH SPEAKING HOUSEHOLDS

Survey/Program:
American Community Survey
Universe:
Population 5 years and over in 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
Year:
2018
Estimates:
5-Year
Table ID:
B16003

Source: U.S. Census Bureau, 2018 American Community Survey 1-Year Estimates

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.

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 ACS Technical Documentation). 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.

While the 2018 American Community Survey (ACS) data generally reflect the July 2015 Office of Management and Budget (OMB) delineations 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 delineations due to differences in the effective dates of the geographic entities.

Estimates of urban and rural populations, 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.

Explanation of Symbols:
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.
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, or the margin of error associated with a median was larger than the median itself.
An "-" following a median estimate means the median falls in the lowest interval of an open-ended distribution.
An "+" following a median estimate means the median falls in the upper interval of an open-ended distribution.

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.

An "*****" entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.

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.

An "(X)" means that the estimate is not applicable or not available.

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

	New Mexico	
	Estimate	
Total:	87,008	
5 to 17 years:	16,573	
Speak only English	1,037	
Speak Spanish	14,122	
Speak other Indo-European languages	111	
Speak Asian and Pacific Island languages	330	
Speak other languages	973	
18 years and over:	70,435	
Speak Spanish	57,720	
Speak other Indo-European languages	1,994	
Speak Asian and Pacific Island languages	2,925	
Speak other languages	7,796	

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Note: This is a modified view of the original table produced by the U.S. Census Bureau.

Note: This download or printed version may have missing information from the original table.

AGE BY LANGUAGE SPOKEN AT HOME FOR THE POPULATION 5 YEARS AND OVER IN LIMITED ENGLISH SPEAKING HOUSEHOLDS

Survey/Program:
American Community Survey
Universe:
Population 5 years and over in 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
Year:
2018
Estimates:
5-Year
Table ID:
B16003

Source: U.S. Census Bureau, 2018 American Community Survey 1-Year Estimates

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.

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Estimates of urban and rural populations, 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.

Explanation of Symbols:
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	San Juan County, New Mexico	
	Estimate	Margin (
⌄ Total:	3,390	
⌄ 5 to 17 years:	677	
Speak only English	134	
Speak Spanish	486	
Speak other Indo-European languages	0	
Speak Asian and Pacific Island languages	21	
Speak other languages	36	
⌄ 18 years and over:	2,713	
Speak Spanish	985	
Speak other Indo-European languages	4	
Speak Asian and Pacific Island languages	95	
Speak other languages	1,629	

United States Census Bureau

Note: This is a modified view of the original table produced by the U.S. Census Bureau.

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AGE BY LANGUAGE SPOKEN AT HOME FOR THE POPULATION 5 YEARS AND OVER IN LIMITED ENGLISH SPEAKING HOUSEHOLDS

Survey/Program:
American Community Survey
Universe:
Population 5 years and over in 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
Year:
2018
Estimates:
1-Year
Table ID:
B16003

	United States	
	Estimate	**Margin of Error**
⌄ Total:	12,911,509	+/-109,755
⌄ 5 to 17 years:	2,569,451	+/-39,552
Speak only English	203,142	+/-8,668
Speak Spanish	1,761,821	+/-31,647
Speak other Indo-European languages	210,640	+/-12,398
Speak Asian and Pacific Island languages	275,579	+/-10,478
Speak other languages	118,269	+/-10,246
⌄ 18 years and over:	10,342,058	+/-83,869
Speak Spanish	6,311,656	+/-66,081
Speak other Indo-European languages	1,415,394	+/-30,050
Speak Asian and Pacific Island languages	2,178,942	+/-34,818
Speak other languages	436,066	+/-17,865

SELECTED CHARACTERISTICS OF THE NATIVE AND FOREIGN-BORN POPULATIONS

Note: This is a modified view of the original table produced by the U.S. Census Bureau.

Note: This download or printed version may have missing information from the original table.

Survey/Program:
American Community Survey
Year:
2018
Estimates:
5-Year
Table ID:
S0501

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.

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While the 2011 American Community Survey (ACS) data generally reflect the December 2009 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.

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

Industry codes are 4-digit codes and are based on the North American Industry Classification System 2007. 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.

These data for the occupied housing units lines refer to the native or foreign-born status of the householder.

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.

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Source: U.S. Census Bureau, 2011 American Community Survey

	New Mexico
	Total
	Estimate
⌄ Total population	2,092,434
⌃ SEX AND AGE	
⌃ RACE AND HISPANIC OR LATINO ORIGIN	
⌃ HOUSEHOLD TYPE	

⌃ HOUSEHOLD TYPE	
Average household size	2.64
Average family size	3.34
⌃ MARITAL STATUS	
⌃ SCHOOL ENROLLMENT	
⌃ EDUCATIONAL ATTAINMENT	
⌄ LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH	
⌄ Population 5 years and over	1,964,077
English only	65.2%
⌄ Language other than English	34.8%
Speak English less than "very well"	8.9%
⌃ EMPLOYMENT STATUS	
⌃ Civilian employed population 16 years and over	882,735
⌃ EARNINGS IN THE PAST 12 MONTHS (IN 2018 INFLATION-ADJUSTED DOLLAI	
⌃ INCOME IN THE PAST 12 MONTHS (IN 2018 INFLATION-ADJUSTED DOLLARS	
⌃ POVERTY STATUS IN THE PAST 12 MONTHS	
⌄ Occupied housing units	775,651
⌃ HOUSING TENURE	
⌃ ROOMS	
Median number of rooms	5.4
1.01 or more occupants per room	3.5%
⌃ VEHICLES AVAILABLE	
⌄ SELECTED CHARACTERISTICS	
No telephone service available	2.9%
Limited English Speaking Households	5.3%
⌃ Owner-occupied housing units	524,242
⌃ Renter-occupied housing units	251,409

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Note: This download or printed version may have missing information from the original table.

SELECTED CHARACTERISTICS OF THE NATIVE AND FOREIGN-BORN POPULATIONS

Survey/Program:
American Community Survey
Year:
2018
Estimates:
5-Year
Table ID:
S0501

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These data for the occupied housing units lines refer to the native or foreign-born status of the householder.

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Source: U.S. Census Bureau, 2011 American Community Survey

	United States
	Total
	Estimate
Total population	322,903,030
⌃ SEX AND AGE	
⌃ RACE AND HISPANIC OR LATINO ORIGIN	
⌃ HOUSEHOLD TYPE	

⌃ HOUSEHOLD TYPE	
Average household size	2.63
Average family size	3.23
⌃ MARITAL STATUS	
⌃ SCHOOL ENROLLMENT	
⌃ EDUCATIONAL ATTAINMENT	
⌄ LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH	
⌄ Population 5 years and over	303,066,180
English only	78.5%
⌄ Language other than English	21.5%
Speak English less than "very well"	8.5%
⌃ EMPLOYMENT STATUS	
⌃ Civilian employed population 16 years and over	152,739,884
⌃ EARNINGS IN THE PAST 12 MONTHS (IN 2018 INFLATION-ADJUSTED DOLLARS)	
⌃ INCOME IN THE PAST 12 MONTHS (IN 2018 INFLATION-ADJUSTED DOLLARS)	
⌃ POVERTY STATUS IN THE PAST 12 MONTHS	
⌄ Occupied housing units	119,730,128
⌃ HOUSING TENURE	
⌃ ROOMS	
Median number of rooms	5.6
1.01 or more occupants per room	3.3%
⌃ VEHICLES AVAILABLE	
⌄ SELECTED CHARACTERISTICS	
No telephone service available	2.2%
Limited English Speaking Households	4.4%
⌃ Owner-occupied housing units	76,444,810
⌃ Renter-occupied housing units	43,285,318

Location: User-specified point center at 36.800556, -108.438611
Ring (buffer): 4-miles radius
Description: SJGS Location w/ 4-mile Radius Buffer Zone

Summary of ACS Estimates	2013 - 2017
Population	1,647
Population Density (per sq. mile)	33
Minority Population	947
% Minority	57%
Households	458
Housing Units	511
Housing Units Built Before 1950	34
Per Capita Income	21,540
Land Area (sq. miles) (Source: SF1)	49.67
% Land Area	100%
Water Area (sq. miles) (Source: SF1)	0.24
% Water Area	0%

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	1,647	100%	451
Population Reporting One Race	1,623	99%	849
White	712	43%	289
Black	7	0%	39
American Indian	792	48%	387
Asian	0	0%	12
Pacific Islander	0	0%	12
Some Other Race	112	7%	110
Population Reporting Two or More Races	24	1%	67
Total Hispanic Population	125	8%	144
Total Non-Hispanic Population	1,522		
White Alone	700	43%	284
Black Alone	7	0%	39
American Indian Alone	791	48%	387
Non-Hispanic Asian Alone	0	0%	12
Pacific Islander Alone	0	0%	12
Other Race Alone	0	0%	12
Two or More Races Alone	24	1%	63
Population by Sex			
Male	887	54%	223
Female	760	46%	272
Population by Age			
Age 0-4	54	3%	82
Age 0-17	420	25%	176
Age 18+	1,228	75%	215
Age 65+	140	8%	82

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) 2013 - 2017 ·

EJSCREEN ACS Summary Report

Location: User-specified point center at 36.800556, -108.438611

Ring (buffer): 4-miles radius

Description: SJGS Location w/ 4-mile Radius Buffer Zone

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	1,053	100%	264
Less than 9th Grade	30	3%	52
9th - 12th Grade, No Diploma	70	7%	77
High School Graduate	347	33%	124
Some College, No Degree	473	45%	134
Associate Degree	181	17%	86
Bachelor's Degree or more	133	13%	75
Population Age 5+ Years by Ability to Speak English			
Total	1,593	100%	425
Speak only English	1,074	67%	250
Non-English at Home[1+2+3+4]	519	33%	266
[1]Speak English "very well"	488	31%	261
[2]Speak English "well"	30	2%	44
[3]Speak English "not well"	0	0%	21
[4]Speak English "not at all"	1	0%	22
[3+4]Speak English "less than well"	1	0%	26
[2+3+4]Speak English "less than very well"	31	2%	44
Linguistically Isolated Households*			
Total	5	100%	18
Speak Spanish	0	0%	12
Speak Other Indo-European Languages	0	0%	12
Speak Asian-Pacific Island Languages	0	0%	12
Speak Other Languages	5	100%	14
Households by Household Income			
Household Income Base	458	100%	90
< $15,000	17	4%	45
$15,000 - $25,000	22	5%	54
$25,000 - $50,000	77	17%	77
$50,000 - $75,000	128	28%	56
$75,000 +	214	47%	86
Occupied Housing Units by Tenure			
Total	458	100%	90
Owner Occupied	353	77%	87
Renter Occupied	105	23%	67
Employed Population Age 16+ Years			
Total	1,268	100%	297
In Labor Force	931	73%	238
Civilian Unemployed in Labor Force	102	8%	103
Not In Labor Force	337	27%	113

EJSCREEN ACS Summary Report

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	2,216	100%	450
English	1,503	68%	310
Spanish	117	5%	74
French	0	0%	12
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	0	0%	12
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	0	0%	12
Chinese	0	0%	12
Japanese	N/A	N/A	N/A
Korean	0	0%	12
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	0	0%	12
Other Asian	0	0%	12
Tagalog	0	0%	12
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	0	0%	12
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	596	27%	393
Total Non-English	713	32%	546

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
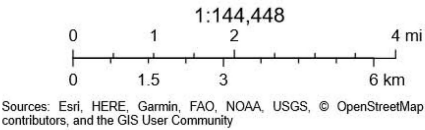N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2013 - 2017.
*Population by Language Spoken at Home is available at the census tract summary level and up.

SJGS Location w/ 4-mile Radius Buffer Zone

Waterflow

Highway 64

64

Nenahnezad

Fruitland

Kirtland

Indian Service Route 36
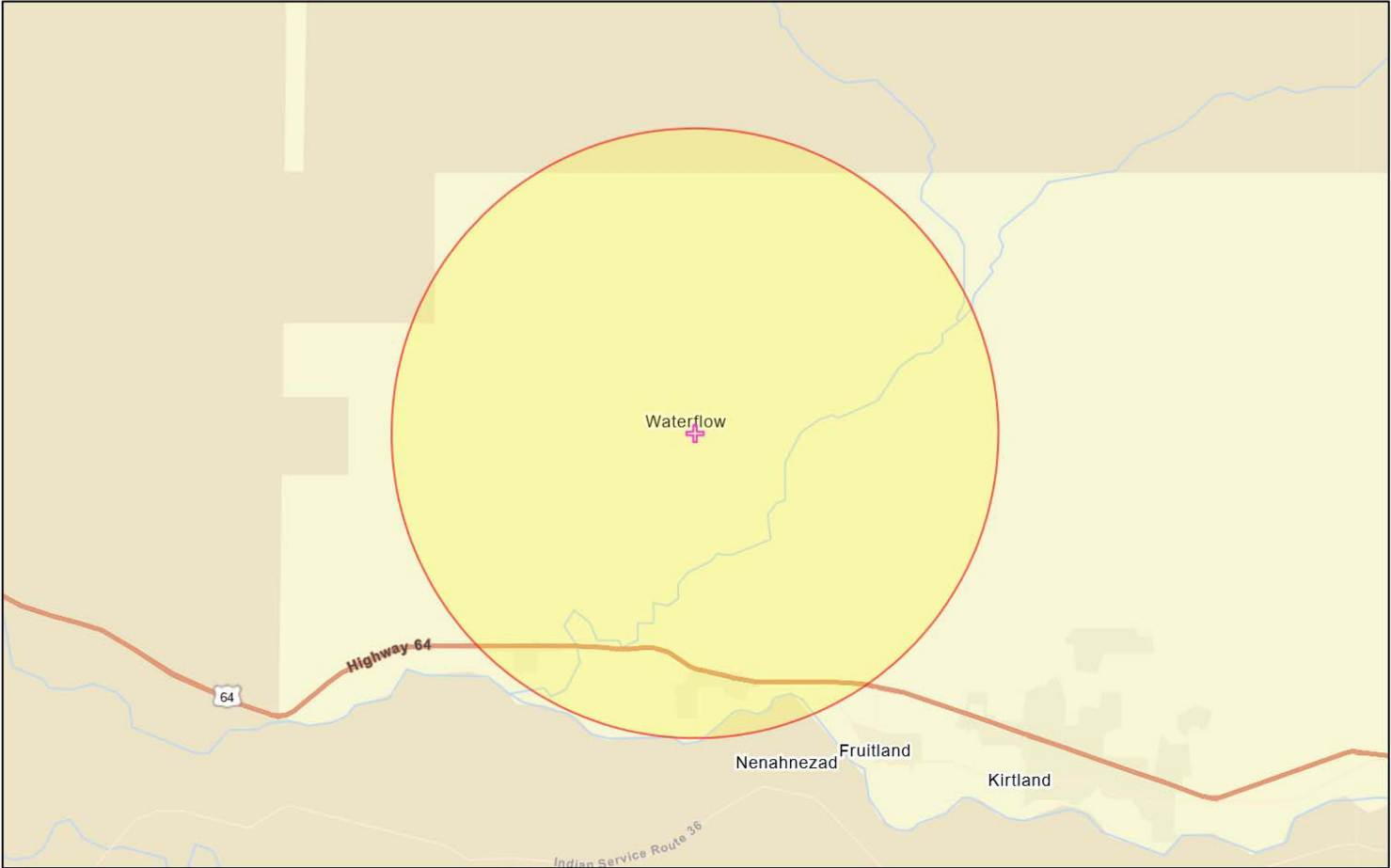
April 7, 2020

✛ SJGS Location w/ 4-mile Radius Buffer Zone

1:144,448

0	1	2	4 mi
0	1.5	3	6 km

EJSCREEN ACS Summary Report

Location: San Juan County
Ring (buffer): 0-mile radius
Description:

Summary of ACS Estimates	2013 - 2017
Population	128,221
Population Density (per sq. mile)	23
Minority Population	77,931
% Minority	61%
Households	41,999
Housing Units	50,716
Housing Units Built Before 1950	1,769
Per Capita Income	22,665
Land Area (sq. miles) (Source: SF1)	5,517.18
% Land Area	100%
Water Area (sq. miles) (Source: SF1)	21.25
% Water Area	0%

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	128,221	100%	0
Population Reporting One Race	124,486	97%	2,560
White	66,819	52%	862
Black	721	1%	198
American Indian	50,052	39%	603
Asian	770	1%	96
Pacific Islander	75	0%	57
Some Other Race	6,049	5%	744
Population Reporting Two or More Races	3,735	3%	607
Total Hispanic Population	25,468	20%	0
Total Non-Hispanic Population	102,753		
White Alone	50,290	39%	103
Black Alone	653	1%	184
American Indian Alone	48,342	38%	409
Non-Hispanic Asian Alone	748	1%	86
Pacific Islander Alone	69	0%	56
Other Race Alone	151	0%	92
Two or More Races Alone	2,500	2%	478
Population by Sex			
Male	63,529	50%	86
Female	64,692	50%	86
Population by Age			
Age 0-4	9,260	7%	102
Age 0-17	35,257	27%	739
Age 18+	92,964	73%	1,197
Age 65+	16,841	13%	632

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) 2013 - 2017 ·

EJSCREEN ACS Summary Report

Location: San Juan County

Ring (buffer): 0-mile radius

Description:

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	81,304	100%	102
Less than 9th Grade	5,013	6%	434
9th - 12th Grade, No Diploma	8,256	10%	613
High School Graduate	25,719	32%	816
Some College, No Degree	30,483	37%	1,046
Associate Degree	8,519	10%	588
Bachelor's Degree or more	11,833	15%	656
Population Age 5+ Years by Ability to Speak English			
Total	118,961	100%	99
Speak only English	81,369	68%	1,175
Non-English at Home[1+2+3+4]	37,592	32%	1,083
[1]Speak English "very well"	31,455	26%	1,079
[2]Speak English "well"	3,412	3%	372
[3]Speak English "not well"	2,049	2%	333
[4]Speak English "not at all"	676	1%	170
[3+4]Speak English "less than well"	2,725	2%	372
[2+3+4]Speak English "less than very well"	6,137	5%	526
Linguistically Isolated Households*			
Total	1,546	100%	233
Speak Spanish	617	40%	181
Speak Other Indo-European Languages	5	0%	8
Speak Asian-Pacific Island Languages	34	2%	22
Speak Other Languages	890	58%	145
Households by Household Income			
Household Income Base	41,999	100%	593
< $15,000	6,383	15%	525
$15,000 - $25,000	4,538	11%	416
$25,000 - $50,000	10,197	24%	678
$50,000 - $75,000	7,371	18%	544
$75,000 +	13,510	32%	647
Occupied Housing Units by Tenure			
Total	41,999	100%	593
Owner Occupied	30,647	73%	641
Renter Occupied	11,352	27%	688
Employed Population Age 16+ Years			
Total	96,817	100%	290
In Labor Force	56,960	59%	803
Civilian Unemployed in Labor Force	5,429	6%	477
Not In Labor Force	39,857	41%	838

Data Note: Datail 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: San Juan County
Ring (buffer): 0-mile radius
Description:

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	118,961	100%	99
English	81,369	68%	1,434
Spanish	11,798	10%	988
French	188	0%	47
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	122	0%	70
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	70	0%	56
Chinese	76	0%	64
Japanese	N/A	N/A	N/A
Korean	34	0%	45
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	65	0%	74
Other Asian	57	0%	34
Tagalog	173	0%	98
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	2	0%	4
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	24,983	21%	779
Total Non-English	37,592	32%	1,437

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) 2013 - 2017.
*Population by Language Spoken at Home is available at the census tract summary level and up.

County: San Juan, NEW MEXICO, EPA Region 6

Approximate Population: 128,221

Input Area (sq. miles): 5538.40

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	48	56	70
EJ Index for Ozone	48	64	75
EJ Index for NATA* Diesel PM	46	51	64
EJ Index for NATA* Air Toxics Cancer Risk	46	54	68
EJ Index for NATA* Respiratory Hazard Index	50	56	69
EJ Index for Traffic Proximity and Volume	55	61	69
EJ Index for Lead Paint Indicator	56	69	73
EJ Index for Superfund Proximity	59	70	76
EJ Index for RMP Proximity	64	55	68
EJ Index for Hazardous Waste Proximity	65	58	67
EJ Index for Wastewater Discharge Indicator	77	77	85

EJ Index for the Selected Area Compared to All People's Blockgroups in the State/Region/US
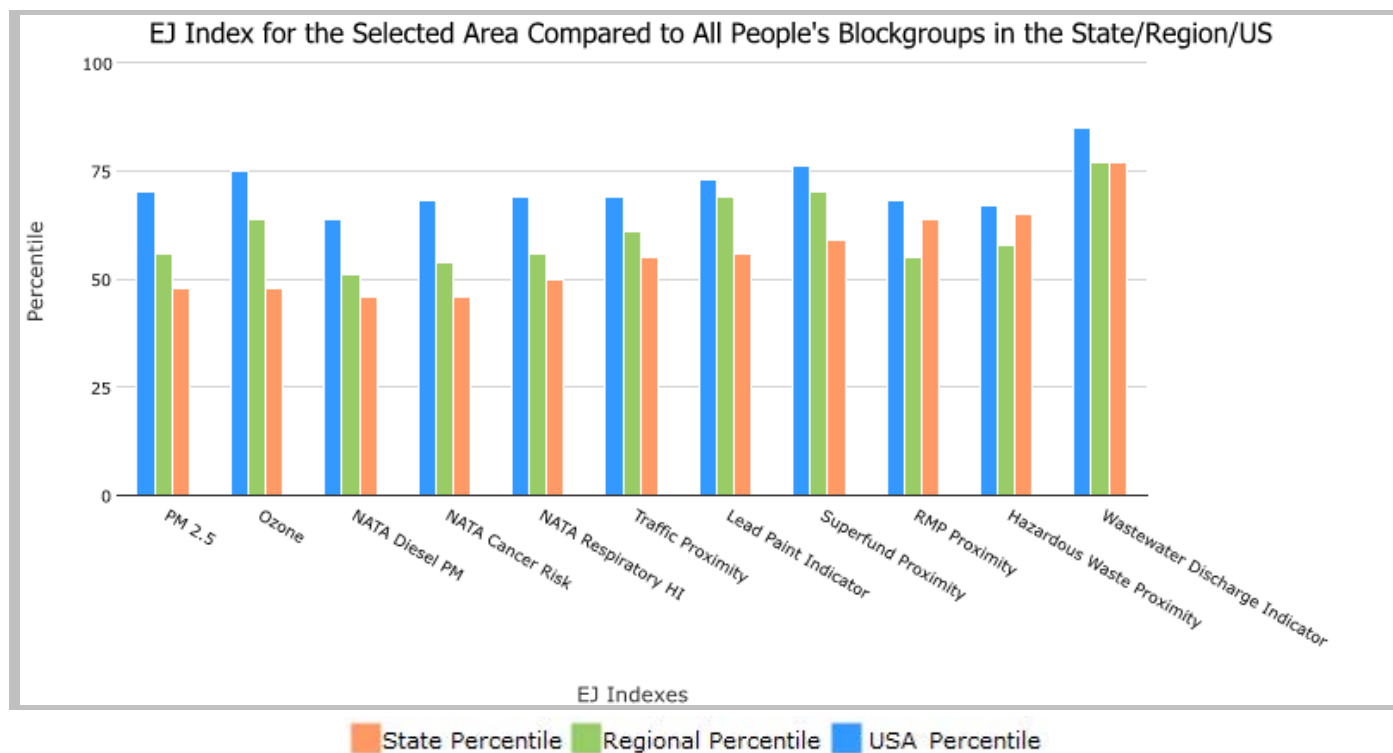
This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective 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.
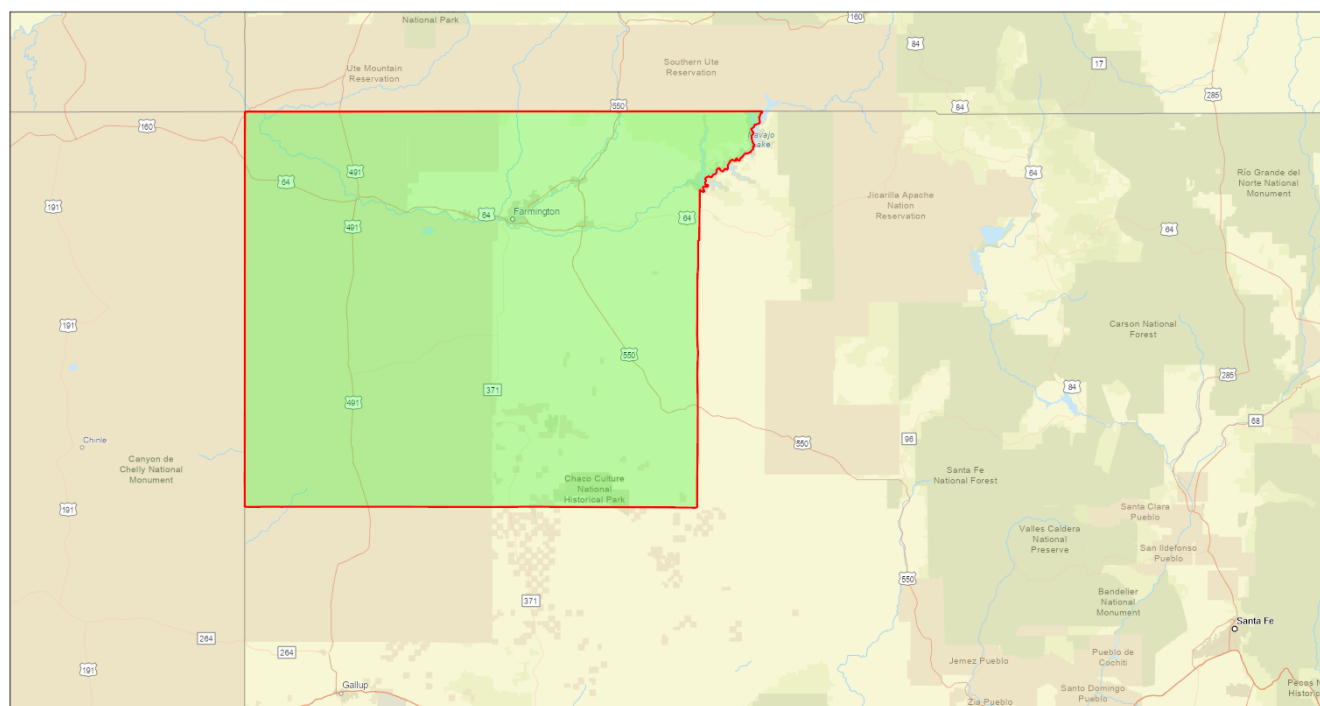
April 24, 2020

Project 1

1:1,155,581

Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, ®
OpenStreetMap contributors, and the GIS User Community

Sites reporting to EPA	
Superfund NPL	1
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	4

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in µg/m^3)	6.36	6.15	51	8.37	5	8.3	10
Ozone (ppb)	51.9	50.4	75	39.4	98	43	91
NATA* Diesel PM (µg/m^3)	0.134	0.281	38	0.401	<50th	0.479	<50th
NATA* Cancer Risk (lifetime risk per million)	23	24	46	36	<50th	32	<50th
NATA* Respiratory Hazard Index	0.37	0.32	68	0.45	<50th	0.44	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	170	360	51	400	53	750	44
Lead Paint Indicator (% Pre-1960 Housing)	0.13	0.18	56	0.17	62	0.28	43
Superfund Proximity (site count/km distance)	0.094	0.14	64	0.081	77	0.13	64
RMP Proximity (facility count/km distance)	0.19	0.24	70	0.82	32	0.74	36
Hazardous Waste Proximity (facility count/km distance)	0.24	0.46	64	0.75	48	4	40
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	0.00026	130	67	9.8	56	14	59
Demographic Indicators							
Demographic Index	51%	52%	50	44%	62	36%	74
Minority Population	61%	62%	48	51%	61	39%	73
Low Income Population	42%	42%	50	37%	60	33%	69
Linguistically Isolated Population	4%	5%	53	6%	58	4%	66
Population With Less Than High School Education	16%	15%	59	16%	59	13%	71
Population Under 5 years of age	7%	6%	65	7%	55	6%	65
Population over 64 years of age	13%	16%	45	13%	58	15%	48

* 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