Census Data and Tools in Grant Writing

UAA Consortium Library

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Outline

- Census Data and Tips for grant writers
- Making comparisons and Data Tools
- Presenting data
- Resources

Grantwriting –Generating your Needs Statement

- Describe the population that will benefit or the target population to be served
- Define the community problem to be addressed.
- Include both quantitative & qualitative support materials
- Describe the situation in factual terms

Conduct a Community Analysis

Use Census Data to…

- Define a service area and its characteristics
- Detect a problem
- Determine its seriousness
- Support funding requests
- Evaluate your program

Why use Census Bureau Data for Grant Writing?

- Comparability
- Regularly collected
- Recognition
- Availability and accessibility

Quick Facts

People	Anchorage Municipality, Alaska (County)	Alaska
Population		
Population estimates, July 1, 2015, (V2015)	298695	738432
Population estimates base, April 1, 2010, (V2015)	291826	710249
Population, percent change - April 1, 2010 (estimates base) to July 1, 2015, (V2015)	2.4	4
Population, Census, April 1, 2010	291826	710231
Age and Sex		
Persons under 5 years, percent, July 1, 2015, (V2015)	7.5	7.5
Persons under 5 years, percent, April 1, 2010	7.5	7.6
Persons under 18 years, percent, July 1, 2015, (V2015)	24.8	25.2
Persons under 18 years, percent, April 1, 2010	26	26.4

Census Local Data Sources

1. Annual Population Estimates
2. Decenniel
3. American Community Survey
4. Current Population Survey
5. Economic Census

Comparing Demographic Programs

Comparison: Census Bureau Demographic Programs			
	Decennial Census	Population Estimates Program	American Community Survey
Purpose / Uses	Apportionment of seats in Congress Redistricting Allocation of Federal funding Planning at state and local levels	Survey controls Allocate Federal funding intercensal yrs Denominators for statistical rates Planning at state and local levels	Provide timely detailed demographic, social, economic, and housing data about the country's communities every year.
Temporal frame	Point-in-time	Point-in-time	Period estimate
Reference date	April 1 Year ending in zero	July 1 Intercensal years	None. Estimates describe entire period, which may be: 1-year (areas with 65,000 population plus) 5-year period (all areas including ZCTAS, down to block group)
Periodicity	Every 10 years ("snapshot")	Annual	Ongoing survey Data collection every month ("video")
Burden on respondent	Mandatory	None	Mandatory
Authority	Article I, Section 2 Constitution U.S. Code Title 13, Sections 141 and 193	Title 13, Section 181	U.S. Code Title 13, Sections 141 and 193
Methodology	100% enumeration Every resident, every housing unit, and every group quarters	Vital records (from states) plus formulas for calculation of net migration	Random sample from Master Address File: 3.54 million HUs/year (295,000/month) Increase from 2.9 million--June 2011 mailout
Modes of Personal contact	Mail or drop off questionnaire; personal visit follow-up to non-responding addresses	No contact with residents. Census Bureau headquarters works with individual states	Mail Telephone Personal visit
Management hub(s)	Temporary Regional Census Centers	Census Headquarters	Census Regional Offices (6)
Data			
Output	Counts	Counts	Characteristics
Topics	Age Sex Race and ethnicity, Household relationships Tenure (own or rent home)	**U.S., state, county totals:** Age, sex race, ethnicity, housing **Incorporated place totals:** Population only	See Quick Reference Guide : "American Community Survey Data Release Timetable, Topics Covered by the ACS"
Lowest level of release	Block	Incorporated place	Block group

Sample page

2015 ACS Questionnaire

Person 1 (continued)

16 Is this person CURRENTLY covered by any of the following types of health insurance or health coverage plans? *Mark "Yes" or "No" for EACH type of coverage in items a – h.*

	Yes	No
a. Insurance through a current or former employer or union (of this person or another family member)	☐	☐
b. Insurance purchased directly from an insurance company (by this person or another family member)	☐	☐
c. Medicare, for people 65 and older, or people with certain disabilities	☐	☐
d. Medicaid, Medical Assistance, or any kind of government-assistance plan for those with low incomes or a disability	☐	☐
e. TRICARE or other military health care	☐	☐
f. VA (including those who have ever used or enrolled for VA health care)	☐	☐
g. Indian Health Service	☐	☐
h. Any other type of health insurance or health coverage plan – *Specify*	☐	☐

17 a. Is this person deaf or does he/she have serious difficulty hearing?

☐ Yes

H *Answer question 19 if this person is 15 years old or over. Otherwise, SKIP to the questions for Person 2 on page 12.*

19 Because of a physical, mental, or emotional condition, does this person have difficulty doing errands alone such as visiting a doctor's office or shopping?

☐ Yes
☐ No

20 What is this person's marital status?

☐ Now married
☐ Widowed
☐ Divorced
☐ Separated
☐ Never married → *SKIP to* **I**

21 In the PAST 12 MONTHS did this person get –

	Yes	No
a. Married?	☐	☐
b. Widowed?	☐	☐
c. Divorced?	☐	☐

22 How many times has this person been married?

☐ Once
☐ Two times

c. How long has this grandparent been responsible for these grandchildren? *If the grandparent is financially responsible for more than one grandchild, answer the question for the grandchild for whom the grandparent has been responsible for the longest period of time.*

☐ Less than 6 months
☐ 6 to 11 months
☐ 1 or 2 years
☐ 3 or 4 years
☐ 5 or more years

26 Has this person ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard? *Mark (X) ONE box.*

☐ Never served in the military → *SKIP to question 29a*
☐ Only on active duty for training in the Reserves or National Guard → *SKIP to question 28a*
☐ Now on active duty
☐ On active duty in the past, but not now

27 When did this person serve on active duty in the U.S. Armed Forces? *Mark (X) a box for EACH period in which this person served, even if just for part of the period.*

☐ September 2001 or later
☐ August 1990 to August 2001 (including

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Availability of ACS Data Products

Estimated Population of Geographic Area	1-Year Estimates	3-Year Estimates	5-Year Estimates
65,000 or more	X	X	X
20,000 to 64,999		X	X
Less than 20,000			X
Next Planned Release Date	September 2016	N/A	December 2016

ACS Topics

Social

Education
Marital Status
Fertility
Veterans
Disability
Citizenship
Language
Migration

Economic

Employment Status
Income
Commuting
Occupation & Industry
Health Insurance
Class of Worker

Housing

Tenure (Own/Rent)
Occupancy & Structure
Home Value
Costs (Mortgage, Taxes, Insurance)
Utilities
Plumbing/Kitchen Facilities

Demographic

Sex
Age
Race
Hispanic Origin
Relationship

Key ACS Data Products

Key ACS Data Products	
Data Product	**Description**
• Data Profiles	Provide broad social, economic, housing, and demographic profiles.
• Narrative Profiles	Summarize the information in the data profiles using concise, nontechnical text.
• Selected Population Profiles	Provide broad social, economic, and housing profiles for a large number of race, ethnic, ancestry, and country/region of birth groups.
• Ranking Tables	Provide state rankings of estimates across 86 key variables.
• Subject Tables	Similar to data profiles but include more detailed ACS data, classified by subject.
• Detailed Tables	Provide access to the most detailed ACS data and crosstabulations of ACS variables.
• Geographic Comparison Tables	Compare geographic areas other than states (e.g., counties or congressional districts) for key variables.
• Thematic Maps	Interactive, online maps that can be used to display ACS data.
• Custom Tables	Allow the user to extract specific rows of data from the ACS detailed tables.
• Summary File	Provide access to the detailed tables through a series of comma-delimited text files on the Census Bureau's FTP site <www2.census.gov>.
• Public Use Microdata Samples	Provide access to ACS microdata for data users with SAS and SPSS software experience.

Three Tips for Using Census Data

- Be clear about the detail you want—census, surveys and estimates
- Understand census jargon – Glossary
- Use census data to draw comparisons between your community/neighborhood and look at changes over time.

Data Tables, Maps, & Geography

- Data Tables
  - QuickFacts
  - Census Business Builder
  - My Congressional District
  - Census Reporter
  - American FactFinder (AFF)
    - Community Facts
- Maps and Geography
  - Census Explorer
  - Interactive Maps

Making Comparisons

Make Comparisons

- Over time (2000, 2010 and survey data)
  - Demonstrate emerging issues affecting your target population
- Compare subset data to larger group
  - State to national
  - City/town to county or State
  - Census tract to other tracts or to city/county

Comparing ACS Data Guidance

About the Survey
Respond to the Survey
News & Updates
Data
Guidance for Data Users
Subjects Included in the Survey
Which Data Tool Should I Use?
When to Use 1-year, 3-year, or 5-year Estimates
Handbooks
Comparing ACS Data
ACS/Census Table Comparisons
2015
2014
2013
2012

Comparing ACS Data

Tweet Share

The strength of the American Community Survey (ACS) is in estimating characteristic distributions. If you are looking for population totals, we recommend the 2010 Census or Population Estimates Program.

It is also important to keep in mind that **all ACS data are estimates**. We collect data from a sample of the population in the United States and Puerto Rico rather than from the whole population. To help you interpret the reliability of the estimates, the Census Bureau publishes a margin of error (MOE) for every ACS estimate.

Can I compare ACS estimates?

Yes	Compare non-overlapping datasets (example: compare 2008-2010 ACS 3-year estimates to 2011-2013 ACS 3-year estimates).
No	Do not compare overlapping datasets (example: do not compare 2005-2009 ACS 5-year estimates to 2006-2010 ACS 5-year estimates).

Because ACS variables change over time, some areas and subjects must be **compared with caution**, or **not compared at all**. Use the years in the **left navigation** to get yearly guidance on specific topics/subjects.

Can I compare ACS estimates with Census 2000?

Yes	Compare ACS 1-year, 3-year or 5-year estimates **with** Census 2000 data. However, differences in the **universe**, **question wording**, **residence rules**, **reference periods**, and **the way in which the data are tabulated** can impact comparability with Census 2000.

ACS: Making Comparisons

1) comparisons of estimates from different geographic areas within the same time period (e.g., comparing the proportion of people below the poverty level in two counties)

2) comparisons of estimates for the same geographic area across time periods (e.g., comparing the proportion of people below the poverty level in a county for 2009 and 2014)

ACS: Making Comparisons

Comparison must take into account the sampling error associated with each estimate, thus determining whether the observed differences between estimates are statistically significant.

Statistical significance means that there is statistical evidence that a true difference exists within the full population, and that the observed difference is unlikely to have occurred by chance due to sampling.

ACS: Making Comparisons

3) comparisons of ACS estimates with the corresponding estimates from past decennial census samples (e.g., comparing the proportion of people below the poverty level in a county for 2006 and 2000).

Comparison Profiles

- **Comparison Profiles**
  Provide detailed demographic, social, economic and housing data about a selected geography over several years to help users identify trends and patterns over time.
- 2014 ACS 1 Year CP
- *Statistical Significance denoted

COMPARATIVE ECONOMIC CHARACTERISTICS
2015 American Community Survey 1-Year estimates

Subject	Anchorage Municipality, Alaska								
	2015 Estimate	2014 Estimate	2015 - 2014 Statistical Significance	2013 Estimate	2015 - 2013 Statistical Significance	2012 Estimate	2015 - 2012 Statistical Significance	2011 Estimate	2015 - 2011 Statistical Significance
EMPLOYMENT STATUS									
Population 16 years and over	231,969	233,479	*	232,014		231,715		228,812	*
In labor force	73.2%	73.5%		74.3%		73.9%		74.6%	
Civilian labor force	69.3%	69.6%		70.7%		71.0%		70.7%	
Employed	64.9%	65.6%		66.1%		66.4%		65.2%	
Unemployed	4.4%	4.0%		4.7%		4.6%		5.4%	
Armed Forces	3.9%	3.9%		3.6%		2.9%	*	4.0%	
Not in labor force	26.8%	26.5%		25.7%		26.1%		25.4%	
Civilian labor force	160,783	162,425		164,114		164,459		161,682	
Unemployment Rate	6.4%	5.7%		6.6%		6.5%		7.7%	
Females 16 years and over	113,156	114,196		112,447		114,323		114,046	
In labor force	67.5%	66.5%		69.5%		69.1%		71.4%	*
Civilian labor force	66.3%	65.5%		68.4%		68.5%		70.4%	*
Employed	63.0%	61.6%		64.7%		64.9%		65.4%	

Statistical testing tool

Statistical Testing Tool

Statistical Testing for Two Estimates

United States Census Bureau

Purpose

This spreadsheet determines whether there is statistical evidence to conclude that two estimates are different from each another.

Results

Yes	Estimates are statistically different.
No	Estimates are NOT statistically different (or are statistically tied).
N/A	Statistical testing is not applicable for one or both of the estimates.

Overview | Instructions | Statistical Testing for Multiple Estimates | Worked Example | Contact Us

	Label	First Estimate	First Margin of Error (MOE)	Second Estimate	Second Margin of Error (MOE)	Statistically Different?
1	Place your Geography of statistical variable keyword	48759	+/-2,395	28621	*****	Yes
2	in the gray column here. This text is here as an	6.2	+/-0.1	6	+/-0.3	No
3	example. You may delete the text before using the	22147046	+/-234,312	17997953	+/-199,112	Yes
4	spreadsheet.	-	**	27047	+/-230	N/A
5						
6						
7						
8						
9						
10						
11						

Overview | Instructions | Stat_Test_for_Two_Est | Stat_Test_for_Multiple_Est | Worked_Example | Contact_US ...

Data and Tools

Factfinder Allows for Instant Table Comparison

S0101

AGE AND SEX
2015 American Community Survey 1-Year Estimates

Table View

BACK TO ADVANCED SEARCH

Actions: Modify Table | Add/Remove Geographies | Bookmark/Save | Print | Download | Create a Map

View Geography Notes | View Table Notes

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.

Versions of this table are available for the following years:

- 2015
- 2014
- 2013
- 2012
- 2011
- 2010
- 2009
- 2008
- 2007
- 2006
- 2005

1 - 36 of 36

Subject	Anchorage Municipality, Alaska						Fairbanks North Star Borough, Alaska					
	Total		Male		Female		Total		Male		Female	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total population	298,695	*****	152,945	+/-982	145,750	+/-982	99,631	*****	54,872	+/-799	44,759	+/-799
AGE												
Under 5 years	7.7%	+/-0.2	7.5%	+/-0.2	7.9%	+/-0.4	7.2%	+/-0.6	7.2%	+/-1.1	7.3%	+/-0.9
5 to 9 years	7.3%	+/-0.6	7.1%	+/-0.8	7.4%	+/-0.9	6.6%	+/-1.0	6.5%	+/-1.6	6.7%	+/-1.8
10 to 14 years	5.9%	+/-0.6	6.2%	+/-0.8	5.7%	+/-0.8	6.4%	+/-1.0	6.8%	+/-1.6	6.0%	+/-1.4
15 to 19 years	6.1%	+/-0.3	6.0%	+/-0.6	6.2%	+/-0.4	7.8%	+/-1.5	8.3%	+/-2.1	7.2%	+/-1.9
20 to 24 years	9.4%	+/-0.4	10.8%	+/-0.7	7.9%	+/-0.4	12.3%	+/-1.2	14.1%	+/-1.7	10.0%	+/-1.3
25 to 29 years	9.5%	+/-0.3	9.6%	+/-0.5	9.3%	+/-0.4	9.0%	+/-0.8	9.5%	+/-1.0	8.4%	+/-0.9
30 to 34 years	8.2%	+/-0.4	8.4%	+/-0.6	8.1%	+/-0.6	7.9%	+/-1.0	8.0%	+/-1.6	7.8%	+/-1.1
35 to 39 years	6.5%	+/-0.7	6.6%	+/-0.9	6.5%	+/-0.9	7.3%	+/-1.2	6.5%	+/-1.4	8.2%	+/-1.5
40 to 44 years	6.0%	+/-0.7	5.6%	+/-0.8	6.3%	+/-0.9	4.9%	+/-1.2	4.6%	+/-1.3	5.2%	+/-1.8
45 to 49 years	5.9%	+/-0.3	5.8%	+/-0.6	6.0%	+/-0.4	5.5%	+/-0.7	4.9%	+/-0.7	6.2%	+/-1.2
50 to 54 years	6.3%	+/-0.2	6.2%	+/-0.4	6.4%	+/-0.3	6.3%	+/-0.7	6.1%	+/-0.7	6.5%	+/-1.0
55 to 59 years	6.7%	+/-0.5	6.3%	+/-0.8	7.2%	+/-0.7	4.7%	+/-0.8	4.1%	+/-1.2	5.4%	+/-1.4
60 to 64 years	5.3%	+/-0.5	5.5%	+/-0.8	5.1%	+/-0.7	6.3%	+/-0.7	6.3%	+/-1.3	6.4%	+/-1.2

Demographic Profiles

- Good place to start
- Fact sheets on the social, economic, demographic, and housing characteristics for different geographic areas
- About 450 different characteristics

2010 Demographic Profile—DP-1

DP-1 | Profile of General Population and Housing Characteristics: 2010

2010 Census Summary File 1

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/doc/sf1.pdf.

Geography: Hawaii

Subject	Number	Percent
SEX AND AGE		
Total population	1,360,301	100.0
Under 5 years	87,407	6.4
5 to 9 years	83,361	6.1
10 to 14 years	81,539	6.0
15 to 19 years	85,994	6.3
20 to 24 years	95,829	7.0
25 to 29 years	97,302	7.2
30 to 34 years	88,031	6.5
35 to 39 years	86,756	6.4
40 to 44 years	89,617	6.6
45 to 49 years	95,787	7.0
50 to 54 years	97,978	7.2
55 to 59 years	93,340	6.9
60 to 64 years	82,222	6.0
65 to 69 years	59,170	4.3
70 to 74 years	41,353	3.0
75 to 79 years	34,675	2.5
80 to 84 years	29,702	2.2
85 years and over	30,238	2.2
Median age (years)	38.6	(X)
16 years and over	1,091,079	80.2
18 years and over	1,056,483	77.7
21 years and over	1,003,512	73.8
62 years and over	241,984	17.8
65 years and over	195,138	14.3
Male population	681,243	50.1
Under 5 years	45,019	3.3
5 to 9 years	42,847	3.1
10 to 14 years	41,699	3.1
15 to 19 years	44,590	3.3
20 to 24 years	51,981	3.8

ACS: DP-2, DP-3, DP-4, DP-5

DP02 | SELECTED SOCIAL CHARACTERISTICS IN THE UNITED STATES

2011 American Community Survey 1-Year Estimates

Supporting documentation on code lists, subject defi
website in the Data and Documentation section.

Sample size and data quality measures (including co
Survey website in the Methodology section.

Although the American Community Survey (ACS) pro
Estimates Program that produces and disseminates t
estimates of housing units for states and counties.

Subject	E
HOUSEHOLDS BY TYPE	
Total households	
Family households (families)	
With own children under 18 years	
Married-couple family	
With own children under 18 years	
Male householder, no wife present, family	
With own children under 18 years	
Female householder, no husband present, family	
With own children under 18 years	
Nonfamily households	
Householder living alone	
65 years and over	
Households with one or more people under 18 years	
Households with one or more people 65 years and over	
Average household size	
Average family size	
RELATIONSHIP	
Population in households	
Householder	
Spouse	
Child	
Other relatives	
Nonrelatives	
Unmarried partner	
MARITAL STATUS	
Males 15 years and over	
Never married	
Now married, except separated	
Separated	
Widowed	

DP03 | SELECTED ECONOMIC CHARACTERISTICS

2011 American Community Survey 1-Year Estimates

Supporting documentation on code lists, subject definitions, da
website in the Data and Documentation section.

Sample size and data quality measures (including coverage ra
Survey website in the Methodology section.

Although the American Community Survey (ACS) produces po
Estimates Program that produces and disseminates the official
estimates of housing units for states and counties.

Subject	Estimate
EMPLOYMENT STATUS	
Population 16 years and over	1,102,147
In labor force	718,139
Civilian labor force	681,799
Employed	629,523
Unemployed	52,276
Armed Forces	36,340
Not in labor force	384,008
Civilian labor force	681,799
Percent Unemployed	(X
Females 16 years and over	553,907
In labor force	330,645
Civilian labor force	326,653
Employed	305,127
Own children under 6 years	97,960
All parents in family in labor force	63,136
Own children 6 to 17 years	190,439
All parents in family in labor force	137,891
COMMUTING TO WORK	
Workers 16 years and over	650,062
Car, truck, or van – drove alone	436,336

DP04 | SELECTED HOUSING CHARACTERISTICS

2011 American Community Survey 1-Year Estimates

Supporting documentation on code lists, subject definitions, data a
website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates,
Survey website in the Methodology section.

Although the American Community Survey (ACS) produces popula
Estimates Program that produces and disseminates the official est
estimates of housing units for states and counties.

Subject	Estimate
HOUSING OCCUPANCY	
Total housing units	522,314
Occupied housing units	448,563
Vacant housing units	73,751
Homeowner vacancy rate	2.2
Rental vacancy rate	8.4
UNITS IN STRUCTURE	
Total housing units	522,314
1-unit, detached	281,053
1-unit, attached	46,294
2 units	15,833
3 or 4 units	21,395
5 to 9 units	31,651
10 to 19 units	25,368
20 or more units	99,614
Mobile home	817
Boat, RV, van, etc.	289
YEAR STRUCTURE BUILT	
Total housing units	522,314
Built 2005 or later	37,579
Built 2000 to 2004	37,905

DP05 | ACS DEMOGRAPHIC AND HOUSING ESTIMATES

2011 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	Hawaii			
	Estimate	Margin of Error	Percent	Percent Margin of Error
SEX AND AGE				
Total population	1,374,810	*****	1,374,810	(X)
Male	688,600	+/-1,358	50.1%	+/-0.1
Female	686,210	+/-1,358	49.9%	+/-0.1
Under 5 years	88,020	+/-336	6.4%	+/-0.1
5 to 9 years	81,643	+/-3,009	5.9%	+/-0.2
10 to 14 years	83,794	+/-2,981	6.1%	+/-0.2
15 to 19 years	83,289	+/-1,382	6.1%	+/-0.1
20 to 24 years	98,552	+/-1,697	7.2%	+/-0.1
25 to 34 years	192,625	+/-2,002	14.0%	+/-0.1
35 to 44 years	176,023	+/-1,511	12.8%	+/-0.1
45 to 54 years	188,751	+/-1,455	13.7%	+/-0.1
55 to 59 years	91,572	+/-3,980	6.7%	+/-0.3
60 to 64 years	87,072	+/-3,798	6.3%	+/-0.3
65 to 74 years	106,372	+/-809	7.7%	+/-0.1
75 to 84 years	64,305	+/-2,074	4.7%	+/-0.2
85 years and over	32,792	+/-2,096	2.4%	+/-0.2
Median age (years)	38.5	+/-0.2	(X)	(X)
18 years and over	1,070,453	+/-515	77.9%	+/-0.1
21 years and over	1,019,781	+/-2,435	74.2%	+/-0.2
62 years and over	252,389	+/-2,939	18.4%	+/-0.2
65 years and over	203,469	+/-861	14.8%	+/-0.1

Community Analysis Worksheet

Sources: 2015 ACS 5 year --Data points DP-1, DP2 and DP3

Exercise 6: Community Analysis Worksheet:

Geographic Areas		
	Target Area	*Comparison*
Name (Apt. complex, BTWHS, NHWSN, home address):		
Address (include zip):		
Census tract number:		
Part 1: **2010 Demographic Profile Data Points (DP-1)** (report both number and percent, if available) ex. *12,490, 36%*		
Total Population		
Age		
Population 5 and under		
Population 65 and over		

5-year Estimates, American Community Survey Data Points (DP-2 and 3)		
Educational Attainment		
Less than High School		
High School or Equivalent		
Bachelor's Degree		
Graduate or Professional Degree		
Income and Poverty		
Median Household Income		
Median Family Income		
Less than $10,000		
$35,000 to $49,999		
$150,000 or more		
Percentage of individuals below poverty level		
Percentage of families below poverty level		

Anchorage Municipality Narrative Profile

Households and Families

In 2010-2014 there were 105,200 households in Anchorage Municipality, Alaska. The average household size was 2.8 people.

Families made up 67 percent of the households in Anchorage Municipality, Alaska. This figure includes both married-couple families (49 percent) and other families (17 percent). Of other families, 8 percent are female householder families with no husband present and own children under 18 years. Nonfamily households made up 33 percent of all households in Anchorage Municipality, Alaska. Most of the nonfamily households were people living alone, but some were composed of people living in households in which no one was related to the householder.

In Anchorage Municipality, Alaska, 37 percent of all households have one or more people under the age of 18; 16 percent of all households have one or more people 65 years and over.

The Types of Households in 2010-2014

	Percent
Other nonfamily households	8.4
People living alone	25.0
Other families	17.5
Married-couple families	49.1

Types of Households in Anchorage Municipality, Alaska in 2010-2014

click graph to view data in table format

Census Explorer

- Benefits
  - Thematic maps display selected characteristic for both demographic and business topics
  - Maps also display change over time (demographic topics only)
- Geographies: state, county, census tract
- Topics
  - 10 demographic characteristics
  - 6 business characteristics

Census Explorer

- Limitations: small number of characteristics and geographies available
- Access
  - census.gov > Data tab > Data Tools and Apps > Census Explorer
- Data sources
  - 2013 ACS 5-year estimates
  - 2012 County Business Patterns
  - 2000 Decennial Census
  - 1990 Decennial

Comparison - Geographic and or Historical

Census Tools

Census Explorer

http://www.census.gov/censusexplorer/censusexplorer.html

Census Explorer

Interactive Maps

census.gov > Geography tab > Interactive maps

OR

census.gov footer > Find Data column > Interactive maps

Presenting Data

Good Data…

- Comes from a reliable source
- Presented clearly
- Relevant to the need you have identified
- Drawn from or closely related to your target population
- Tells a story—more than just a series of numbers
- Presented both in narrative and graphic form

Make charts and graphs self-explanatory

Median Age	White, AK	AIAN, AK	AIAN, ANVSA	AIAN, Urban	AIAN, Rural	AIAN, Ahtna	AIAN, Aleut	AIAN, Arctic Slope
Both sexes	37.9	27.8	26.3	29	26.8	29.8	34.2	25.7
Male	37.9	27.1	26.2	27.3	26.9	29.2	35.1	25.9
Female	37.9	28.7	26.4	30.6	26.7	30.7	33.2	25.5

Median	AIAN, Bering Straits	AIAN, Bristol Bay	AIAN, Calista	AIAN, Chugach	AIAN, Cook Inlet	AIAN, Doyon	AIAN, Koniag	AIAN, NANA	AIAN, Sealaska
Both sexes	24.8	27.2	23.1	31	29.7	30	30.9	23.5	35
Male	25.2	27	23.2	30.1	27.6	29.2	28.9	23.9	34.2
Female	24.1	27.5	23	32.7	31.5	30.8	33.1	22.9	36.1

Source: U.S. Census Bureau, 2010 Census, Summary File – 1, Table QT-P1

The figure and table above shows median age by sex for AIAN (alone) people by region compared to the White population statewide. The median age for the AIAN alone population statewide was 27.8 years old compared to 37.9 years for the White population (both male and female).

- The region with the lowest AIAN median age was Calista with a median age of 23.1.
- The region with the second lowest AIAN median age was NANA.
- The region with the highest AIAN median age was Sealaska at 35.

Source: NCAI Policy Research Center. (2014). NCAI Alaska Region Profile. Available at: http://www.ncai.org/policy-research-center/research-data/prc-publications/Alaska_Region.pdf.

Presenting Census Data in a Grant Proposal
Thematic Maps

Example: Median Age by Census Tract in Anchorage Municipality, AK

Thematic Map of Total; Estimate; SUMMARY INDICATORS - Median age (years)
Geography: by Census Tract

Censusreporter.org

Income

$39,389

Per capita income

about 10 percent higher than the amount in the Anchorage, AK Metro Area: $36,733

about 20 percent higher than the amount in Alaska: $34,352

$78,662

Median household income

about the same as the amount in the Anchorage, AK Metro Area: $78,238

about 10 percent higher than the amount in Alaska: $73,355

Household income

Show data / Embed

Poverty

8.4%

Persons below poverty line

a little less than the rate in the Anchorage, AK Metro Area: 8.8% †

about 80 percent of the rate in Alaska: 10.3%

Children (Under 18)

Show data / Embed

Seniors (65 and over)

Show data / Embed

Take Aways

Limitations of Census Bureau Data

- Some concepts / definitions not easily understood – footnote
- Might not be in exact tabular form as funding agency is requesting -- download
- Can be cumbersome to get specific data by tract or other small area -- aggregate
- Most socio-economic census data based on a sample estimate – consider MOE

Citing AFF Tables and Maps

Frequently Asked Questions ADA/508 friendly site

citation style Search

Text FAQ #

Explore Topics

Browse by Group

Top Questions

Search results

American FactFinder: How do I cite tables and maps in American FactFinder?

Dynamically generated tables, maps, and files from American FactFinder:(Use semicolons to separa... *(more)*

Help! I read about your data in the newspapers, but I don't know which data source it came from.

Best place to look for starters is the Latest News Releases on... *(more)*

Examples of Citing

U.S. Census Bureau; Census 2000, Summary File 1, Matrix P7; generated by Joe Smith; using American FactFinder; <http://factfinder2.census.gov>; (15 February 2012).

U.S. Census Bureau; American Community Survey, 2010 American Community Survey 1-Year Estimates, Table GCT0101; generated by John Smith; using American FactFinder; <http://factfinder2.census.gov>; (7 January 2012).

U.S. Census Bureau; Census 2000, Summary File 1, Table P001; generated by Jane Jones; using American FactFinder; <http://factfinder2.census.gov>; (20 February 2012)

U.S. Census Bureau; 2010 Census Summary File 1; Tables P1 and QT-P1; generated by John Smith; using American FactFinder; <http://factfinder2.census.gov>; (12 December 2011).

Resources

Helpful Websites: grants.gov

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Grants.gov Updates

Grants.gov Calendar
Check out our calendar to get the latest updates about our upcoming releases, maintenance, and outages.

Grants.gov Scheduled Maintenance Outage: August 15-17, 2015

Grants.gov Notices - Updated June 25, 2015
For more information on upcoming changes with user impacts, please visit the Grants.gov notices page for the latest information.

Grants.gov Releases
For information about recent changes and enhancements to Grants.gov, review the latest release notes.

Grants.gov Blog
Visit the Grants.gov Blog to get up-to-date status of upcoming maintenance and outages.

Helpful Websites: Researching Grants

Libraries

- Foundation Center
  - Maintains comprehensive database on U.S. (and some global) grantmakers and grants
  - Subscription service
- Your state, university, and local library
  - May subscribe to online databases – free to library card holders
  - “Ask a librarian” online service may provide simple lookup service

Resources for You

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Training Opportunities

The Census Bureau offers both web-based and in-person courses to help you access and use Census Bureau statistics. These free courses can teach you how to use our databases and mapping tools, find local and national demographic information for a variety of uses including grant proposals, economic data statistics for business plans, research papers, etc. Check out our eTutorials and course descriptions.

Interested in training for your company or organization?

We have a network of Data Specialists who can provide training throughout the nation.

*Thank you for your interest in Census Bureau webinars. **Effectively immediately**, training offerings listed below no longer require you to register beforehand! If you are interested in participating in one of our offerings, log-in details will be available here no later than 24 hours before the event.*

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Course Schedule

Feb 25, 2016 History of Census Geography Seminar

Feb 29, 2016 On the Map: The Road to Employment Dynamics

Feb 29, 2016 MAP TAB LAB

Mar 01, 2016 Income & Poverty Related Statistics

Data Tools

- Easy Stats
- Interactive Maps
- Population Finder
- QuickFacts
- American FactFinder
- DataFerrett
- Local Employment Dynamics
- OnTheMap
- QWI Online

Related Sites

- American Community Survey
- 2012 Economic Census
- 2012 Census of Governments
- Statistical Abstract of U.S.
- State Data Center

Workshop Information

and

Data Questions

Lia Bolden

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U.S. Census Bureau

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Mobile: 510-406-8841

Los Angeles Regional Office

818-267-1725 or

888-806-6389 (toll-free)

Projected Community Housing Needs (Demand)	
Projected Population 2015	35,000
(-) Number of Persons in Group Quarters	600
(=) Household Population	34,400
(÷) Average Household Size	2.21
(=) Projected Households	15,600
(×) 1 + Vacancy Rate	1.04
(=) Projected Number of Housing Units Needed	16,200
Projected Community Housing Available (Supply)	
Existing Number of Housing Units (2010)	15,500
(-) Projected Number of Existing Units that will be beyond repair by 2015	500
(=) Projected Number of Housing Units Available (2015)	15,000
Demand for Additional Community Housing Units	
Projected Number of Housing Units Needed	16,200
(-) Projected Number of Housing Units Available	15,000
(=) Projected Number of Additional Units Needed	1,200

Thank you!