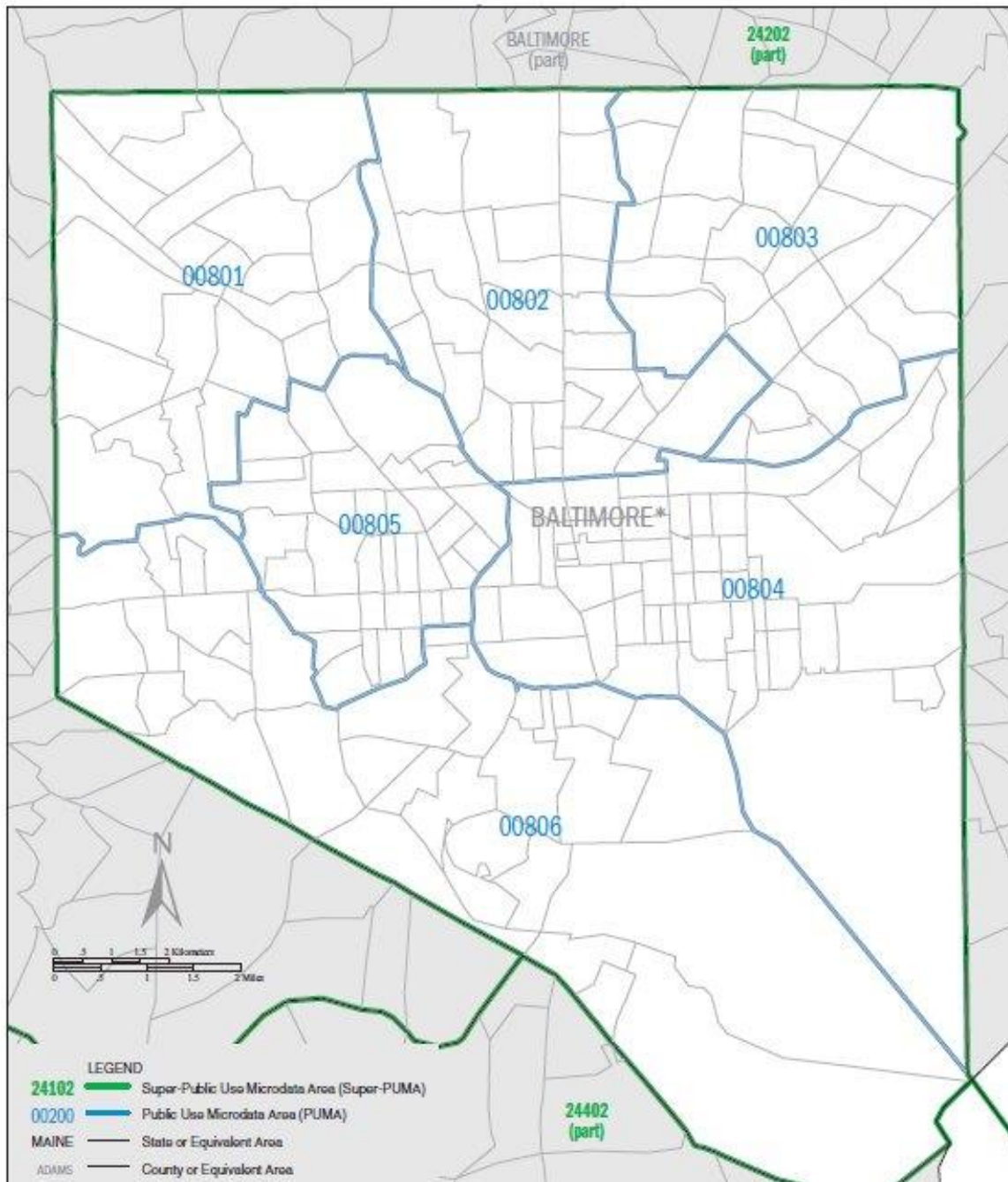

ACS

USING PUBLIC USE MICRODATA FILES

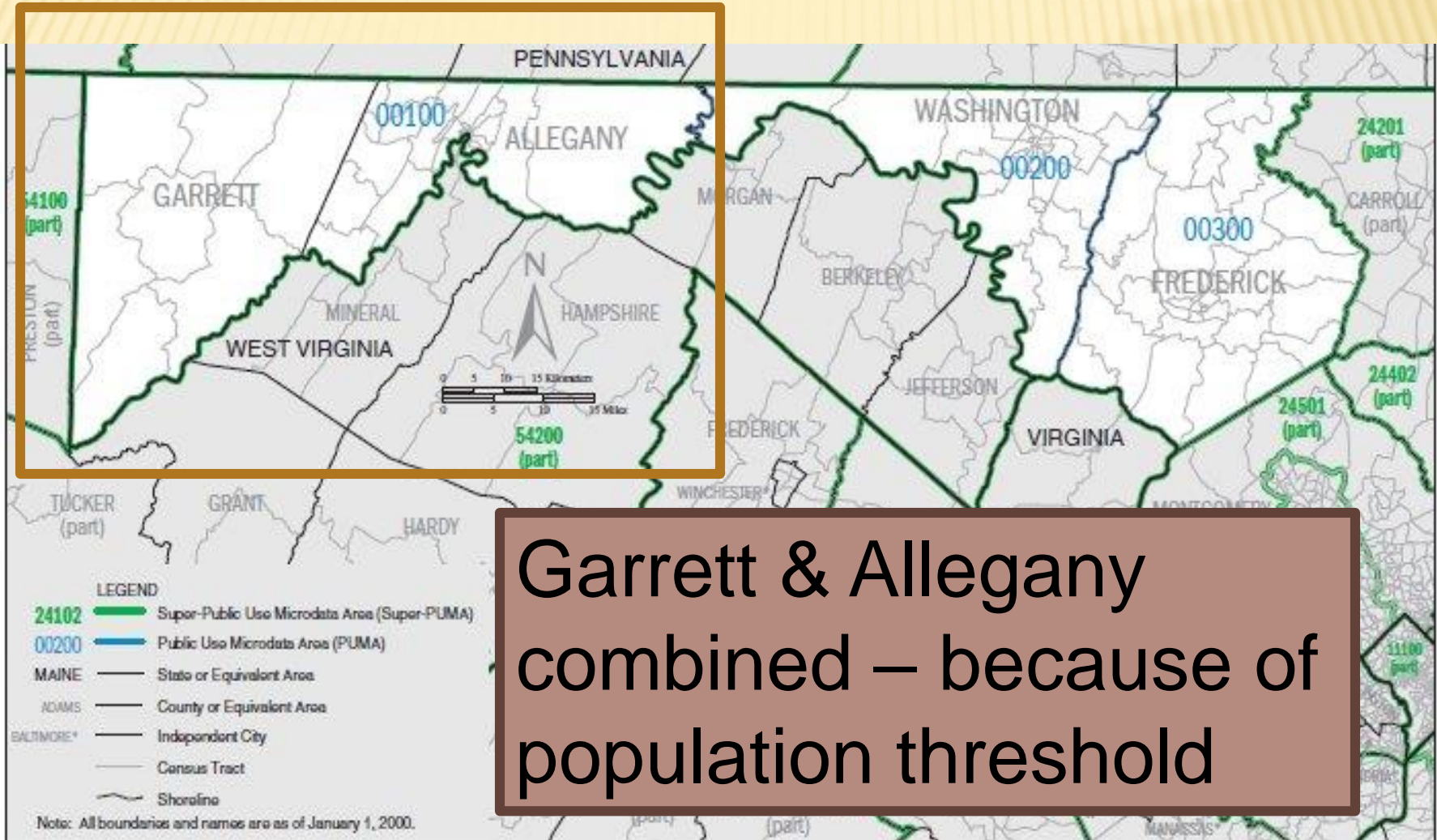
WHAT IS PUMS?

- ✘ Public Use Microdata Sample – sample file of unaggregated raw data with no identifying information about an individual person or household (no addresses, names, etc)
- ✘ PUMAS - Statistical areas of 100,000 or more population
- ✘ State Data Centers with support of the community define PUMAS
- ✘ Will be redefined in Summer of 2011



Census 2000 PUMAS for Baltimore City

Western MD PUMAS



WHY USE MICRODATA FILES?

- ✘ Aggregated data – such as the tables found in FactFinder are not sufficient; you need additional detail for characteristics –do it yourself tabulations
- ✘ May have less detail for geography however

WAYS TO PROCESS ACS MICRODATA

- ✘ Download the microdata file from FactFinder and use statistical software (SAS,SPSS,etc.)
- ✘ Use an online microdata application such as:
 - + IPUMS (Integrated Public Use Microdata Series from the MN Population Center)
 - + DataFerrett – US Census Bureau

POPULATION FINDER

FACT SHEET

PEOPLE

HOUSING

BUSINESS AND
GOVERNMENT

ABOUT THE DATA

DATA SETS

- Decennial Census
- **American Community Survey**
- Puerto Rico Community Survey
- Annual Population Estimates
- Economic Census
- Annual Economic Surveys

DOWNLOAD CENTER

MAPS

TOOLS AND
REFERENCES

[Main](#) ▶ [Data Sets](#)

AMERICAN COMMUNITY SURVEY

[Load Query](#) | [Clear all selections](#)

The American Community Survey is a nationwide survey designed to provide communities a fresh look at how they are changing. The Puerto Rico Community Survey is the equivalent of the American Community Survey for Puerto Rico. [more...](#)

[2008 Quick Guide](#) | [Errata Notes](#)

Other Resources

- [American Community Survey Main Page](#)
- [Quality Measures](#)
- [Public Use Microdata Sample \(PUMS\)](#) - download data and view documentation
- [Download Center](#)
- [Download 1996-2004 data via FTP](#)

 [Explain Table and Map Formats](#)

2008

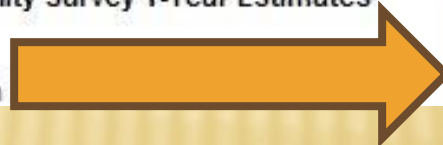
2006-2008 American Community Survey 3-Year Estimates

- Data from the American Community Survey and the Puerto Rico Community Survey
- Collected during calendar years 2006, 2007 and 2008
- Available for geographic areas with populations of 20,000 or more

[Explain 1-year vs. 3-year estimates](#)

2008 American Community Survey 1-Year Estimates

- Data from the American



Select from the following:

- [Data Profiles](#)
- [Selected Population Profiles](#)
- [Subject Tables](#)
- [Detailed Tables](#)
- [Geographic Comparison Tables](#)
- [Thematic Maps](#)
- [Reference Maps](#)
- [Custom Table](#)

- [Enter a table number](#)
- [List all tables](#)
- [List all maps](#)
- [Download PUMS data](#)

IPUMS USA

Minnesota Population Center

MPC

HOME DATA VARIABLES SAMPLES DOCUMENTATION SEARCH

▼ DATA

- Create an Extract
- Download or Revise Extracts
- Analyze Data Online
- IPUMS Registration



▼ DOCUMENTATION

- FAQ
- User's Guide
- Variables
- Samples

▼ RESOURCES

- Enumeration Forms
- Published Census Volumes
- Errata and Revisions

▼ RESEARCH

- Citation and Use
- Bibliography
- Related Sites

Integrated Public Use Microdata Series

census microdata for social and economic research

▼ IPUMS-USA NEWS

- New! June data update
- New! Final linked samples
- IPUMS Workshop at ASA
- Info: PUMS age data errors
- Data release schedule

▼ OTHER MPC PROJECTS

- Linked Representative Samples
- ATUS-X
- IPUMS-International
- IPUMS-CPS
- NAPP
- NHGIS
- IHIS

IPUMS-USA is a project dedicated to collecting and distributing United States census data. Its goals are to:

Use it for GOOD -- never for EVIL

<http://usa.ipums.org/usa/>

IPUMS USA

[HOME](#) [DATA](#) [VARIABLES](#) [SAMPLES](#) [DOCUMENTATION](#) [SEARCH](#)

IPUMS-USA Registration

- [Login](#)
- [Apply for access](#)
- [View application form](#) (without applying)
- [Reset password](#) (forgot password)

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Create a New Extract

Extract Options

[help](#)

- Standard Interface
- Simplified Interface (offers fewer samples, variables, and extraction options)

Sample Density

[help](#)

- Regular Most of the regular samples are 1% but the density of these samples varies. Refer to the [online documentation](#) for more information.
- Small Small samples contain approximately 50,000 adults and their households.

Sample Selection List

[help](#)

- Only the most commonly requested samples
- All of the available samples



Continue to Sample Selection

Sample Selection

[Continue to Variable Selection](#)

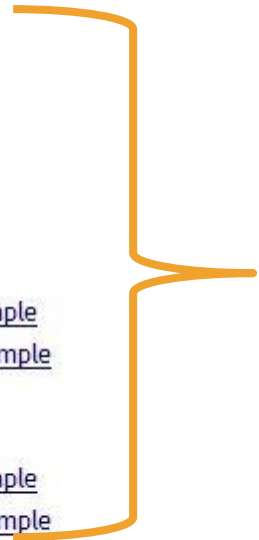
Extract File Type

- Rectangular
- Hierarchical
- Household records only

Sample

-
-

- [2003 ACS sample](#)
- [2004 ACS sample](#)
- [2005 ACS sample](#)
- [2005 PRCS sample](#)
- [2006 ACS sample](#)
- [2006 PRCS sample](#)
- [2007 ACS sample](#)
- [2007 PRCS sample](#)
- [2005-2007, ACS 3-year sample](#)
- [2005-2007, PRCS 3-year sample](#)
- [2008 ACS sample](#)
- [2008 PRCS sample](#)
- [2006-2008, ACS 3-year sample](#)
- [2006-2008, PRCS 3-year sample](#)



[Continue to Variable Selection](#)

Selecting the number of rooms by heating costs

Technical Variables (Household)					top
Detailed Version	General Version	Variable	Label	Case Selection	2008
<input checked="" type="checkbox"/>		<u>YEAR</u>	Census year		x
<input type="checkbox"/>		<u>MULTYEAR</u>	Actual year of survey, multi-year ACS/PRCS		
<input type="checkbox"/>		<u>DATANUM</u>	Data set number		x
<input type="checkbox"/>		<u>SERIAL</u>	Household serial number		x
<input type="checkbox"/>		<u>NUMPREC</u>	Number of person records following	<input type="checkbox"/>	x
<input type="checkbox"/>		<u>SUBSAMP</u>	Subsample number	<input type="checkbox"/>	x
<input checked="" type="checkbox"/>		<u>HHWT</u>	Household weight		x
<input type="checkbox"/>		<u>HHTYPE</u>			
<input type="checkbox"/>		<u>REPWT</u>			
<input type="checkbox"/>		<u>ADJUST</u>			





Geographic Variables (Household)					top
Detailed Version	General Version	Variable	Label	Case Selection	2008
<input type="checkbox"/>		<u>REGION</u>	Census region and division	<input type="checkbox"/>	
<input type="checkbox"/>		<u>STATEICP</u>	State (ICPSR code)	<input type="checkbox"/>	x
<input checked="" type="checkbox"/>		<u>STATEFIP</u>	State (FIPS code)	<input checked="" type="checkbox"/>	x
<input type="checkbox"/>		<u>METRO</u>	Metropolitan status	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<u>METAREA</u>	Metropolitan area	<input type="checkbox"/>	x
<input type="checkbox"/>		<u>CITY</u>	City	<input type="checkbox"/>	
<input type="checkbox"/>		<u>CITYPOP</u>	City population		
<input checked="" type="checkbox"/>		<u>PUMA</u>	Public Use Microdata Area		x
<input type="checkbox"/>		<u>PUMASUPR</u>	Super Public Use Microdata Area		x

<input type="checkbox"/>	<u>MOBLHOME</u>	Annual mobile home costs		x
<input type="checkbox"/>	<u>COSTELEC</u>	Annual electricity cost		x
<input type="checkbox"/>	<u>COSTGAS</u>	Annual gas cost		x
<input type="checkbox"/>	<u>COSTWATR</u>	Annual water cost		x
<input checked="" type="checkbox"/>	<u>COSTFUEL</u>	Annual home heating fuel cost		x
<input type="checkbox"/>	<u>HHINCOME</u>	Total household income		x
<input type="checkbox"/>	<u>FOODSTMP</u>	Food stamp reciprocity	<input type="checkbox"/>	x
<input type="checkbox"/>	<u>VALUEH</u>	House value		x
<input type="checkbox"/>	All Economic Characteristic Variables			

Dwelling Characteristic Variables (Household)

[top](#)

<u>Detailed Version</u>	<u>General Version</u>	<u>Variable</u>	<u>Label</u>	<u>Case Selection</u>	2008
<input type="checkbox"/>		<u>LINGISOL</u>	Linguistic isolation	<input type="checkbox"/>	x
<input type="checkbox"/>		<u>VACANCY</u>	Vacancy status	<input type="checkbox"/>	x
<input type="checkbox"/>		<u>KITCHEN</u>	Kitchen or cooking facilities	<input type="checkbox"/>	x

<input type="checkbox"/>		<u>PROBAPI</u>	Probability of Asian/Pacific Islander race response	<input type="checkbox"/>	
<input type="checkbox"/>		<u>PROBBLK</u>	Probability of black race response	<input type="checkbox"/>	
<input type="checkbox"/>		<u>PROBOTH</u>	Probability of 'other race' race response	<input type="checkbox"/>	
<input type="checkbox"/>		<u>PROBWHT</u>	Probability of white race response	<input type="checkbox"/>	
<input type="checkbox"/>	All Other Variables				

Continue



Number of rooms (Household)

- 00 N/A
- 01 1 room
- 02 2
- 03 3
- 04 4
- 05 5
- 06 6
- 07 7
- 08 8
- 09 9 (9+, 1960-2007)

State (FIPS code) (Household)

- 16 Idaho
- 17 Illinois
- 18 Indiana
- 19 Iowa
- 20 Kansas
- 21 Kentucky
- 22 Louisiana
- 23 Maine
- 24 Maryland
- 25 Massachusetts

Continue to Extract Request Summary

Selecting the cases to include for # of rooms and for the State of interest

A review of the file selected; the variables chosen and an opportunity to make a change if you need to

2006-2008, ACS 3-year sample

Regular

Extract File Type

rectangular

Variables and Case Selection

Type	Variable	Label	Case Selection
H	<u>YEAR</u>	Census year	--
H	<u>HHWT</u>	Household weight	--
H	<u>STATEFIP</u>	State (FIPS code)	details
H	<u>PUMA</u>	Public Use Microdata Area	--
H	<u>COSTFUEL</u>	Annual home heating fuel cost	--
H	<u>ROOMS</u>	Number of rooms	details
P	<u>PERWT</u>	Person weight	--

Case selection method: Include only those persons meeting case selection criteria.

If you would like to make changes to your extract request...

Change Density Selection

Change Variable Selection

Change Sample Selection

Change Case & Flag Selection

If your extract request is complete...

Confirmation

Your extract request 00019 has been submitted.

You will be notified by e-mail at jtraynham@mdp.state.md.us when it has been created.

When your extract is ready, [download the data, codebook, and command files](#) for your statistical software.

Download or Revise Extracts

Use the links provided below to download a data extract (right-click the links for the data, command files, and codebook) or to revise an extract (that is, use a previous extract as the basis for defining a new extract). For instructions on downloading and opening a data extract on your computer go [here](#). Note: data files will be available for 72 hours, after which they are subject to deletion.

Request	Created	Description	Data	Codebook	Command
00019	08-24-10	Example of heating costs by number of rooms - up to 7 rooms for SDC meeting	data	codebook	SPSS SAS STATA
00018	08-03-10	Revision of (Household income for baby boomers MD PUMAs)			



Zipped ASCII file

yr	hhwt	state code	PUMA	fuelcost	no.rooms	per wt
2008	2500	24	1004	9993	7	2600
2008	2500	24	1004	9993	7	2600
2008	2500	24	1004	9993	7	2600
2008	2500	24	1004	9993	7	2800
2008	2500	24	1004	9993	7	2800
2008	2500	24	1004	9993	7	2600
2008	4100	24	901	9993	3	4100
2008	4100	24	901	9993	3	3700
2008	2300	24	1500	534	6	2200
2008	2300	24	1500	534	6	2500
2008	2000	24	100	9993	7	2000
2008	2000	24	100	9993	7	2500
2008	2300	24	1104	9993	4	2200
2008	2300	24	1004	9993	4	2300
2008	2300	24	1004	9993	4	3500
2008	3100	24	601	9993	5	3100
2008	3100	24	601	9993	5	3100
2008	1100	24	200	9993	6	1100
2008	1100	24	200	9993	6	1400
2008	1100	24	200	9993	6	1500

Initial file from IPUMS is available in either SAS, SPSS or ASCII

This file was converted to EXCEL and has over 98,000 records

Implied 2 decimal pts, ie 25.00 not 2500 wt per hh

Pros: easy to use, but ultimately need expertise in SAS/SPSS or database software to be able to “collapse” categories within PUMAs

Cons: can not easily “recode” or aggregate variables or geographies; need to submit data request and wait to receive the completed file – which is normally only a few minutes, but may need to do this several times to “get it right”

yr	hhwt	PUMA	fuelcost	no.rooms
2008	6600	100	9993	1
2008	6900	100	9993	1
2008	7800	100	9993	1
2008	2100	100	9993	1
2008	2100	100	9993	1
2008	6600	100	9993	1
2008	2000	100	9997	1
2008	4200	100	9993	1
2008	1000	100	9993	1
2008	3600	100	9993	1
2008	3600	100	9993	1
2008	3600	100	9993	1
2008	3600	100	9993	1
2008	7800	100	9993	1
2008	7800	100	9993	1
2008	7800	100	9993	1
2008	700	100	9993	1
2008	16800	100	9997	1
total	946			

PUMA 100 (Alle/Garr co); 1 room – all have either no charge or no solid fuel used or their fuel is included in their rent or condo fee

16 households with no chg/no fuel; 2 w/ fuel included in rent or condo fee

Codes

0000 = N/A

0002 = \$1 or \$2 (2000)

9993 = no charge or no solid or liquid fuel used (2003-2007 ACS)

9997 = fuel included in rent or in condo fee (2003-2007 ACS)

yr	hhwt	PUMA	fuelcost	no.rooms
2008	6600	100	9993	1
2008	6900	100	9993	1
2008	7800	100	9993	1
2008	2100	100	9993	1
2008	2100	100	9993	1
2008	6600	100	9993	1
2008	2000	100	9997	1
2008	4200	100	9993	1
2008	1000	100	9993	1
2008	3600	100	9993	1
2008	3600	100	9993	1
2008	3600	100	9993	1
2008	3600	100	9993	1
2008	7800	100	9993	1
2008	7800	100	9993	1
2008	7800	100	9993	1
2008	700	100	9993	1
2008	16800	100	9997	1
total	946			18

18 * 946 = 17,028
units in Allegany &
Garrett that are 1
room that do not
pay a separate bill
for heating costs

*note: does not
include analysis for
Margins of Error

DATAFERRETT – U.S. CENSUS BUREAU

U.S. Census Bureau

People | Business | Geography | Newsroom | Subjects A to Z | Search@Census



[Click Here to Launch BETA](#)

DATAFERRETT!

data: (da • ta) n. a collection of facts from which conclusions may be drawn

ferret: (fer' • it) v. To uncover and to bring to light by searching; to search intensively

TheDataWeb is a site to support and promote organizational and multi-agency collaborative efforts to enhance the DataFerrett project

- ▶What is DataFerrett
- ▶Datasets Available
- ▶FAQs

▶What is TheDataWeb

▶DataFerrett HelpDesk:
Toll Free: 866-437-0171
▶DataFerrettTeam Email:
dsd_ferrett@census.gov

▶DataFerrett Video

DataFerrett

Welcome to the DataFerrett for TheDataWeb



DataFerrett is a unique data analysis and extraction tool—with recoding capabilities—to customize federal, state, and local data to suit your requirements. (FERRETT stands for Federated Electronic Research, Review, Extraction, and Tabulation Tool.) Using DataFerrett, you can develop an unlimited array of customized spreadsheets that are as versatile and complex as your usage demands.

The DataFerrett helps you locate and retrieve the data you need across the Internet to your desktop or system, regardless of where the data resides.

You can then develop and customize tables. Selecting your results in your table you can create a chart or graph for a visual presentation into an html page. Save your data in the databasket and save your table for continued reuse.

The DataFerrett is a **Beta** testing version that will incorporate the latest bug fixes, enhancements,

Get Data ~ Run:



**Launch
BetaDataFerrett**

▶Troubleshooting
▶1st time only:
Run SecurityPolicy


▶Production DataFerrett
Application
We recommend using beta

▶QuickTour
▶Tutorials
▶Users' Guide
▶Advanced Topics
▶Use Examples
▶Types of Datasets

<http://dataferrett.census.gov/>

Introduction Step1: Select Dataset & Variable Step2: DataBasket/Download/Make A Table

data: (da • ta) *n.* A collection of facts from which conclusions may be drawn



DataFerrett
Browser to TheDataWeb

Tutorials
Brand new to using DataFerrett ...

Examples
Sample Analysis and instruction ...

Users' Guide
Handbook on all DataFerrett functionality ...

Kinds of Datasets
Overview different Data Set types and how they behave ...

Datasets Available
Datasets and topics that are available ...

About TheDataWeb
A collaborative network of Internet data bases ...

Download Server
Adding/Publishing your data to TheDataWeb ...

Discussion Group
Information sharing with other users ...

Get Data Now

Example selecting specific ages for householders (reference person) by home ownership



Introduction

Step 1: Select Dataset & Variable

Step 2: DataBasket/Download/Make A Table

Select Data Types:

- MicroData
- Aggregate Data
- Longitudinal Data
- Time Series Data

Refresh Dataset List

Microdata is data in which every record is at the unit of analysis level and all records must be added up to get the totals for each data item. For example, for surveys of individuals, microdata contain records for each individual interviewed; for surveys of organizations, the microdata contain records for each organization.

Variable Labels Names Topics Question Text Values

match ANY word match ALL words



Search



Instructions



Empty DataBasket

Select Dataset(s) to search:

Highlight the variables you are interested in

Browse/Select

- Search All Datasets
- American Community Survey
 - 3-Year Estimates - Public Use Microdata Sample
 - 2006-2008**
 - 2005-2007
 - 3-Year Estimates - Puerto Rico Public Use Microdata Sample
 - Public Use Microdata Sample
 - 2008
 - 2007
 - 2006
 - 2005
 - 2004
 - Puerto Rico Public Use Microdata Sample
- American Housing Survey
- Common Core of Data(Educational Demographics)
- Consumer Expenditure Survey
- County Business Patterns
- Current Population Survey
- Decennial Census of Population and Housing
- Decennial Public Use Microdata Sample
- Home Mortgage Disclosure Survey
- Mortality

Select Dataset(s) to search:

Highlight the variables you are interested in

0 Variables returned from search. 0 variables selected in DataBasket.

Browse/Select Highlighted Variables

Select All Topics

- Housing
- Selectable Geographies
- Population
- Geographic Entities



Search Variables

Topic	Name	Availability	Variable Label
Housing	WGTP	2006-2008 - 2006-2008	Housing Weight
Population	PWGTP	2006-2008 - 2006-2008	Person's weight
Housing	ACR	2006-2008 - 2006-2008	Lot size
Housing	ADJHSG	2006-2008 - 2006-2008	Adjustment Factor for housing dollar amounts (6 implied decimal places)
Population	ADJINC	2006-2008 - 2006-2008	Adjustment Factor for income and earnings dollar amounts (6 implied decimal places)
Population	AGEP	2006-2008 - 2006-2008	Age
Housing	AGS	2006-2008 - 2006-2008	Sales of Agriculture Products

Housing	PSF	2006-2008 - 2006-2008	Presence of subfamilies in Household
---------	-----	-----------------------	--------------------------------------

Selectable Geographies	Geography	2006-2008 - 2006-2008	Geographic Items
------------------------	-----------	-----------------------	------------------

Population	PWGTP1	2006-2008 - 2006-2008	Person's Weight, replicate 1
------------	--------	-----------------------	------------------------------

Population	RACWHT	2006-2008 - 2006-2008	White recode (White alone or in combination with one or more other races)
------------	--------	-----------------------	---

Population	RC	2006-2008 - 2006-2008	Related child
------------	----	-----------------------	---------------

Population	REL	2006-2008 - 2006-2008	Relationship
------------	-----	-----------------------	--------------

Housing	RESMODE	2006-2008 - 2006-2008	Response mode
---------	---------	-----------------------	---------------

Housing	TAXP	2006-2008 - 2006-2008	Property taxes (yearly amount)
---------	------	-----------------------	--------------------------------

Housing	TEL	2006-2008 - 2006-2008	Telephone in Unit
---------	-----	-----------------------	-------------------

Housing	TEN	2006-2008 - 2006-2008	Tenure
---------	-----	-----------------------	--------

Housing	TYPE	2006-2008 - 2006-2008	Type of unit
---------	------	-----------------------	--------------

Population	UWRK	2006-2008 - 2006-2008	Worked last week (UNEDITED - See "Employment Status Recode" (ESR))
------------	------	-----------------------	--

Housing	VACS	2006-2008 - 2006-2008	Vacancy status
---------	------	-----------------------	----------------

Variables selected – Housing weight; Age; Geography; Relationship in HH; Tenure (own/rent)

Click on

**Browse/Select
Highlighted Variables**



Browse/Select Variables & Values

Your highlighted variables:

ACS WGTP (2006-2008 - 2006-2008) Housing Weight
 ACS AGEP (2006-2008 - 2006-2008) Age
 ACS TEN (2006-2008 - 2006-2008) Tenure

OK

Select ALL Variables

Select ACS WGTP Housing Weight

Housing Weight

0001 to 9999 Integer weight of housing unit

Ferrett Geography Codebook



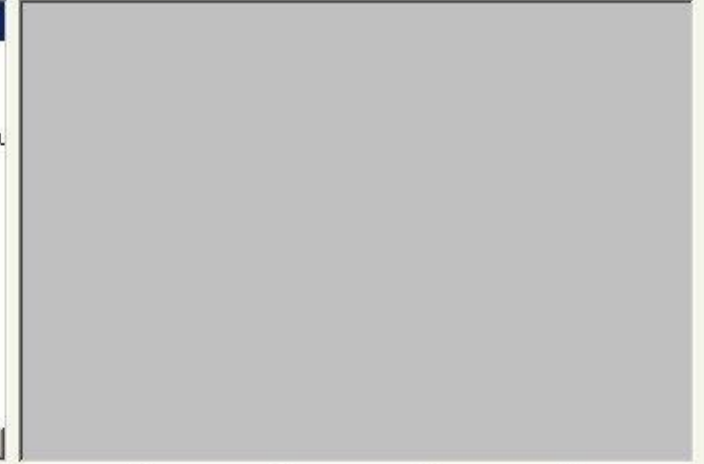
Browse/Select Geographies



Select Geography Unit:

FIPS State Code	ST	State Code
FIPS State Code	ST	State Code
--Public Use Microdata Area (PUMA) PUMA Pu		

Geographies Selected:



<Back

Next>

Delete

Cancel

Finish

Geographies>



Browse/Select Variables & Values

Your highlighted variables:

- ACS WGTP (2006-2008 - 2006-2008) Housing Weight
- ACS AGEP (2006-2008 - 2006-2008) Age
- ACS REL (2006-2008 - 2006-2008) Religion
- ACS TEN (2006-2008 - 2006-2008) Tenure

OK

Ferrett Geography Codebook



Browse/Select ST



Select ST from list:

- Delaware
- District of Columbia
- Florida
- Georgia
- Hawaii
- Idaho
- Illinois
- Indiana
- Iowa
- Kansas
- Kentucky
- Louisiana
- Maine
- Maryland

ST Selected:



<Back

Next>

Delete

Cancel

Finish

Select ALL Variables

Select ACS WGTP

Housing Weight

0001 to 9999 Integer weight

Geographies>ST>

Additional Metadata Tags here

Values



Instructions



Empty DataBasket



Search

Start



2 Microsoft Office Out...

BETA DataFerrett Applet...

Microsoft PowerPoint - [...]

BETA DataFerrett - Be...

2:48 PM



Browse/Select Variables & Values

Your highlighted variables:

- ACS WGTP (2006-2008 - 2006-2008) Housing Weight
- ACS AGE (2006-2008 - 2006-2008) Age
- ACS REL (2006-2008 - 2006-2008) ...
- ACS TEN (2006-2008 - 2006-2008) ...

Ferrett Geography Codebook



Browse/Select Geographies



Select ALL Variables

Select ACS WGTP

Housing Weight

Select Geography Unit:

FIPS State Code	ST	State Code
FIPS State Code	ST	State Code
--Public Use Microdata Area (PUMA)	PUMA	PUMA

Geographies Selected:

ST = Maryland

<Back **Next>** Delete Cancel Finish

Geographies >

Additional Metadata Tags here

Values

Instructions

Empty DataBasket

Search

ables:

- 2006-2008) Housing Weight
- 2006-2008) Age
2006-2008) Tenure

OK

Ferrett Geography Codebook

Browse/Select Geographies

Select Geography Unit:

FIPS State Code	ST	State Code
FIPS State Code	ST	State Code
Public Use Microdata Area (PUMA)	PUMA	PUMA

Geographies Selected:

ST = Maryland

Ferrett Geography Codebook

Browse/Select PUMA

Select PUMA from list:

Select All ←

- Puma# 00100, Maryland
- Puma# 00200, Maryland
- Puma# 00300, Maryland
- Puma# 00400, Maryland
- Puma# 00501, Maryland
- Puma# 00502, Maryland
- Puma# 00503, Maryland
- Puma# 00504, Maryland
- Puma# 00505, Maryland
- Puma# 00506, Maryland
- Puma# 00507, Maryland
- Puma# 00601, Maryland

PUMA Selected:

<Back Next> Delete **Cancel** Finish

Geographies>PUMA>



Browse/Select Variables & Values

Your highlighted variables:

- ACS WGTP (2006-2008 - 2006-2008) Housing Weight
- ACS AGEP (2006-2008 - 2006-2008) Age
- ACS REL (2006-2008 - 2006-2008)
- ACS TEN (2006-2008 - 2006-2008)

Ferrett Geography Codebook



Browse/Select PUMA



Select PUMA from list:

- Select All
-
- Puma# 00100, Maryland
 - Puma# 00200, Maryland
 - Puma# 00300, Maryland
 - Puma# 00400, Maryland
 - Puma# 00501, Maryland
 - Puma# 00502, Maryland
 - Puma# 00503, Maryland
 - Puma# 00504, Maryland
 - Puma# 00505, Maryland
 - Puma# 00506, Maryland
 - Puma# 00507, Maryland
 - Puma# 00601, Maryland

PUMA Selected:

- Puma# 00100, Maryland
- Puma# 00200, Maryland
- Puma# 00300, Maryland
- Puma# 00400, Maryland
- Puma# 00501, Maryland
- Puma# 00502, Maryland
- Puma# 00503, Maryland
- Puma# 00504, Maryland
- Puma# 00505, Maryland
- Puma# 00506, Maryland
- Puma# 00507, Maryland
- Puma# 00601, Maryland
- Puma# 00602, Maryland
- Puma# 00700, Maryland



- <Back
- Next>
- Delete
- Cancel
- Finish

Click Next to add additional geographies or finish your selection.

Additional Metadata Tags here

Values

Instructions

Empty DataBasket

Search



Browse/Select Variables & Values

Your highlighted variables:

- ACS WGTP (2006-2008 - 2006-2008) Housing Weight
- ACS AGEP (2006-2008 - 2006-2008) Age**
- ACS REL (2006-2008 - 2006-2008) Relationship
- ACS TEN (2006-2008 - 2006-2008) Tenure

OK

Cancel

Select ALL Variables

Select ACS AGEP Age

Age

00) Under 1 year

01) Year

46 to 64

Your highlighted variables:

- ACS WGTP (2006-2008 - 2006-2008) Housing Weight
- ACS AGEP (2006-2008 - 2006-2008) Age
- ACS REL (2006-2008 - 2006-2008) Relationship
- ACS TEN (2006-2008 - 2006-2008) Tenure**

Select ALL Variables

Select ACS TEN Tenure

Tenure

0) N/A (GQ/vacant)

1) Owned with mortgage

2) Owned Free And Clear

3) Rented

Select ALL Variables

Select ACS REL Relationship

Relationship

00) Reference person

01) Husband/wife

02) Son/daughter

03) Brother/sister

04) Father/mother

05) Grandchild

06) In-law

07) Other relative



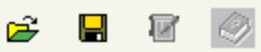
OK

Cancel



Deselect
all values

Unsort
Ranges



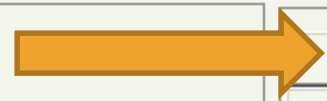
Introduction

Step1 : Select Dataset & Variable

Step2 : DataBasket/Download/Make A Table



Review your variables then go back to select more variables or go on to get data



Act on Your Query:

Recode Variable(s)

Delete Variable(s)

Modify Variable(s)

Advanced Sql Option

Change Longitudinal Period

Add TimeSeries Time

Current Query Variables:

Name	Variable Label	Availability
GEOG-105	Public Use Microdata Area (PUMA)	2006-2008 - 2006-2008
GEOG-106	FIPS State Code	2006-2008 - 2006-2008
AGEP	Age	2006-2008 - 2006-2008
RECODE1	ages 46-64	
PWGTP	Person's weight	
REL	Relationship	
TEN	Tenure	

Ferrett Microdata Recode2



Recode/Regroup Variables



is label for the Variable Recode of TEN

Highlight the value(s) to recode/regroup

Description

Owned with mortgage or loan (include t

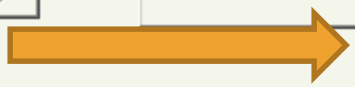
Owned Free And Clear

Label	Values
1	owned {1,2}

Recoding a variable – select “recode variable”; give it a label such as “owned”; highlight the two owner categories to form 1

Set to value 1

Redefine Current Row



GO Get Data

Formula Bar


Pivot(s) can be dropped on pivot image above R1.

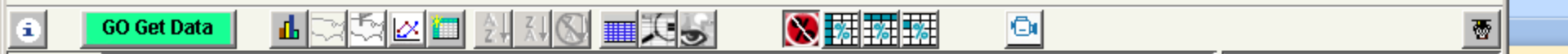
	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17
R1																	
R2																	
R3																	
R4																	
R5																	
R6																	
R7																	
R8																	
R9																	
R10																	
R11																	
R12																	
R13																	
R14																	
R15																	
R16																	
R17																	
R18																	
R19																	
R20																	
R21																	
R22																	
R23																	
R24																	
R25																	
R26																	
R27																	

Drag and drop variables to either a row or a column

GEOG-103 Public Use Microdata A
GEOG-104 FIPS State Code
AGEP Age
Average AGEP Age
REL Relationship

Drag and drop a variable(s) to a column or row.





Formula Bar

Pivot(s) can be dropped on pivot image above R1.

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13
R1			Total RECODE3	Between 46 and 64									
R2	Total GEOG-108			?	?								
R3	Maryland			?	?								
R4	Total GEOG-107			?	?								
R5	Puma# 00100, Maryland			?	?								
R6	Puma# 00200, Maryland			?	?								
R7	Puma# 00300, Maryland			?	?								
R8	Puma# 00400, Maryland			?	?								
R9	Puma# 00501, Maryland			?	?								
R10	Puma# 00502, Maryland			?	?								
R11	Puma# 00503, Maryland			?	?								
R12	Puma# 00504, Maryland			?	?								
R13	Puma# 00505, Maryland			?	?								
R14	Puma# 00506, Maryland			?	?								
R15	Puma# 00507, Maryland			?	?								
R16	Puma# 00601, Maryland			?	?								
R17	Puma# 00602, Maryland			?	?								
R18	Puma# 00700, Maryland			?	?								
R19	Puma# 00801, Maryland			?	?								
R20	Puma# 00802, Maryland			?	?								
R21	Puma# 00803, Maryland			?	?								
R22	Puma# 00804, Maryland			?	?								
R23	Puma# 00805, Maryland			?	?								
R24	Puma# 00806, Maryland			?	?								
R25	Puma# 00901, Maryland			?	?								
R26	Puma# 00902, Maryland			?	?								
R27	Puma# 01001, Maryland			?	?								

- GEOG-107 Public Use Microdata Ar
- GEOG-108 FIPS State Code
- AGEP Age
- Average AGEP Age
- RECODE1 ages 46-64
- REL Relationship
- TEN Tenure
- RECODE2 owned
- RECODE3 Recode3**



Errett Tabulation

File Edit Format View Options Help

GO Get Data

- Automatic Totals
- Automatic Cross Variable Expansion
- Create Thematic Maps

Col C6 =SUM(C10)

Print(s) can be dropped on pi

List Mode

- Average across time
- Cumulative
- Percent
- Specify Sequence
- Variances
- Weighting
 - Unweighted
 - PWGTP
 - WGTP**

	C6	C7	C8	C9	C10	C11
DE3	Between 46 and 64					
RecodeValue_1	Total		RecodeValue_1			
al Reference person	Total	Reference person	Total	Reference person		
R1	?	?	?	?	?	?
R2	?	?	?	?	?	?
R3	?	?	?	?	?	?
R4	?	?	?	?	?	?
R5	?	?	?	?	?	?
R6	?	?	?	?	?	?
R7	?	?	?	?	?	?
R8	?	?	?	?	?	?
R9	?	?	?	?	?	?
R10	?	?	?	?	?	?
R11	?	?	?	?	?	?
R12	?	?	?	?	?	?
R13	?	?	?	?	?	?
R14	?	?	?	?	?	?
R15	?	?	?	?	?	?
R16	?	?	?	?	?	?
R17	?	?	?	?	?	?
R18	?	?	?	?	?	?
R19	?	?	?	?	?	?
R20	?	?	?	?	?	?
R21	?	?	?	?	?	?
R22	?	?	?	?	?	?
R23	?	?	?	?	?	?
R24	?	?	?	?	?	?
R25	?	?	?	?	?	?

GEOG-107 Public Use Microdata An
 GEOG-108 FIPS State Code
 AGEP Age
 Average AGEP Age
 RECODE1 ages 46-64
 REL Relationship
 TEN Tenure
 RECODE2 owned
 RECODE3 Recode3

Click to add notes

Slide 22 of 24 "Trek"

6 Internet... Microsoft P... 2 Java(T... 2 Microso... ACSPUMS... 2 Microso... Paint Shop ... 4:14 PM

Start 6 Internet... Microsoft P... 2 Java(T... 2 Microso... ACSPUMS... 2 Microso... Paint Shop ... 4:15 PM

Ferrett Tabulation

File Edit Format View Options Help

Undo Dropping

Cut
Copy
Paste
Select All
Hide
unHide
Clear
Delete
Insert
Sort
Column Spanners

Place image above R1.

	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12
	Total RECODE3				Between 46 and 64						
	Total		Reference person		Total		Reference person				
	Total	RecodeValue_1	Total	RecodeValue_1	Total	RecodeValue_1	Total	RecodeValue_1			
R1											
R2	620,285	620,285	620,285	620,285	620,285	620,285	620,285	620,285	620,285		
R3	620,285	620,285	620,285	620,285	620,285	620,285	620,285	620,285	620,285		
R4	620,285	620,285	620,285	620,285	620,285	620,285	620,285	620,285	620,285		
R5	11,012	11,012	11,012	11,012	11,012	11,012	11,012	11,012	11,012		
R6	13,428	13,428	13,428	13,428	13,428	13,428	13,428	13,428	13,428		
R7	26,173	26,173	26,173	26,173	26,173	26,173	26,173	26,173	26,173		
R8	21,136	21,136	21,136	21,136	21,136	21,136	21,136	21,136	21,136		
R9	17,496	17,496	17,496	17,496	17,496	17,496	17,496	17,496	17,496		
R10	12,205	12,205	12,205	12,205	12,205	12,205	12,205	12,205	12,205		
R11	Puma# 00503, Maryland	12,546	12,546	12,546	12,546	12,546	12,546	12,546	12,546		
R12	Puma# 00504, Maryland	11,363	11,363	11,363	11,363	11,363	11,363	11,363	11,363		
R13	Puma# 00505, Maryland	12,253	12,253	12,253	12,253	12,253	12,253	12,253	12,253		
R14	Puma# 00506, Maryland	10,623	10,623	10,623	10,623	10,623	10,623	10,623	10,623		
R15	Puma# 00507, Maryland	11,320	11,320	11,320	11,320	11,320	11,320	11,320	11,320		
R16	Puma# 00601, Maryland	18,335	18,335	18,335	18,335	18,335	18,335	18,335	18,335		
R17	Puma# 00602, Maryland	11,371	11,371	11,371	11,371	11,371	11,371	11,371	11,371		
R18	Puma# 00700, Maryland	12,616	12,616	12,616	12,616	12,616	12,616	12,616	12,616		
R19	Puma# 00801, Maryland	8,415	8,415	8,415	8,415	8,415	8,415	8,415	8,415		
R20	Puma# 00802, Maryland	9,363	9,363	9,363	9,363	9,363	9,363	9,363	9,363		
R21	Puma# 00803, Maryland	11,466	11,466	11,466	11,466	11,466	11,466	11,466	11,466		
R22	Puma# 00804, Maryland	7,669	7,669	7,669	7,669	7,669	7,669	7,669	7,669		
R23	Puma# 00805, Maryland	5,488	5,488	5,488	5,488	5,488	5,488	5,488	5,488		
R24	Puma# 00806, Maryland	7,785	7,785	7,785	7,785	7,785	7,785	7,785	7,785		
R25	Puma# 00901, Maryland	17,415	17,415	17,415	17,415	17,415	17,415	17,415	17,415		

GEOG-107 Public Use Microdata An
 GEOG-108 FIPS State Code
 AGEF Age
 Average AGEF Age
 RECODE1 ages 46-64
 REL Relationship
 TEN Tenure
 RECODE2 owned
RECODE3 Recode3

Universe: ((AGEF be
 Weight used: WGTP
 DataSet(s) selector

Click to add notes

	Total 46-64				Percent			
	Total	owned	SE	90% CI	owned	SE	90% CI	R
Maryland	790,911	620,285	6007	9,881	78.4%	0.4%	0.7%	
Alle,Garr	13,693	11,012	818	1,345	80.4%	3.1%	5.1%	
Anne Arundel	73,402	62,179	1858	3,056	84.7%	1.2%	2.0%	
Baltimore City	84,535	50,186	1808	2,975	59.4%	1.5%	2.5%	
Baltimore Co.	111,560	87,806	2283	3,756	78.7%	1.1%	1.8%	
Calvert, St. Mary's	24,788	21,277	1091	1,795	85.8%	2.0%	3.3%	
Caroline,Dorc,QA,Talb	20,855	17,117	998	1,642	82.1%	2.4%	4.0%	
Carroll	23,730	21,136	1058	1,740	89.1%	1.8%	3.0%	
Cecil,Kent	15,477	12,616	863	1,419	81.5%	2.8%	4.7%	
Charles	17,586	15,583	939	1,544	88.6%	2.2%	3.6%	
Frederick	31,367	26,173	1213	1,996	83.4%	1.9%	3.1%	
Harford	34,929	29,706	1283	2,111	85.0%	1.7%	2.9%	
Howard	39,991	34,181	1365	2,245	85.5%	1.6%	2.6%	
Montgomery	140,395	113,520	2505	4,121	80.9%	1.0%	1.6%	
Prince George's	118,432	87,471	2264	3,724	73.9%	1.2%	1.9%	
Some, Wico,Worc	22,117	16,894	1021	1,679	76.4%	2.6%	4.3%	
Washington	18,054	13,428	918	1,510	74.4%	3.0%	4.9%	

Copy spreadsheet from DataFerrett into blank Excel file , insert your calculations for SE and MOE