

# **Census 2000 Public Use Microdata Sample (PUMS) Files**

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## **What are Microdata?**

- Individual records which contain information collected about each person and housing unit
- They are used to produce the summary data that go into various reports, summary files, and special tabulations
- The PUMS files are extracts from the long form confidential microdata taken in a manner that avoids disclosure of information about households or individuals

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## Public Use Microdata File Types

	1% Sample File	5% Sample File
Data Detail	Most detail in PUMS files	Some detail filtered out for confidentiality reasons
Geography	400,000 population threshold Super-Public Use Microdata Areas (PUMAs)	100,000 population threshold Public Use Microdata Areas (PUMAs)
Records	2.8 million people Over 1 million housing units	14 million people over 5 million housing units

## Confidentiality of the Data

Confidentiality is protected, in part, by the use of the following processes:

- Data swapping (exchanging selected characteristics for a sample of cases)
- Top-coding (all cases at or above a certain percentage of the distribution are placed in a single category)

## Confidentiality of the Data

- Geographic population thresholds (no disclosure of data for geographic units with a population below a specified level)
- Age perturbation (age of household members is modified for households containing 10 people or more)
- Collapsing of categorical variables (detail is collapsed if categories do not meet a specified minimum threshold)

## PUMS Files vs. Standard Data Products

- PUMS files allow the user to create tabulations that are not available in standard products
  - For example, tables that cross single years of age or user-defined age groups with other characteristics

## Limitations of the PUMS files

- Two independently drawn samples of the full census sample (1 percent sample and 5 percent sample)
- Limited geography
  - The smallest unit for the 1 percent files is the Super-PUMA which contains a population of 400,000 or more
  - The smallest unit for the 5 percent files is the PUMA which contains a population of 100,000 or more

## Limitations of the PUMS Files

- Continuous variables (age, income, etc.) are topcoded in order to protect the confidentiality of the data
  - For example, age is topcoded at 90. All individuals with ages at or above the topcode receive the state mean of topcoded age. In the case of Alabama for the 5 percent file, everyone age 90 and above is shown as being age 93.

## Limitations of the PUMS Files

- 1 percent files – all values for the variables are shown (Except race and Hispanic Origin categories meet a national population threshold of 8,000)
- 5 percent files – groups within categorical variables meet a minimum national population threshold of 10,000
- Information on how to combine the two samples is found in the technical documentation

## File Structure

**These are state files (includes Puerto Rico)**

- Beyond 20/20 software aggregates the data for the 1 percent files and presents a “total” for the U.S. The 5 percent files are state files only and do not include a “total” for the U.S.
- Users of the ASCII version of the 1 percent and 5 percent files must use their own software to aggregate the state data and produce a “national” number
- Geographic equivalency files and maps for each state are online and on the DVD

## 2 Record Types

### ▪ **Housing unit record**

- Includes all of the housing variables such as acreage, annual cost of electricity, property value, and gross rent, as well as many others
- It also includes household variables such as household type, number of people 65 years and over in the household, number of related children under 18 years in the household, and household total income in 1999

## Record Type

### ▪ **Person record**

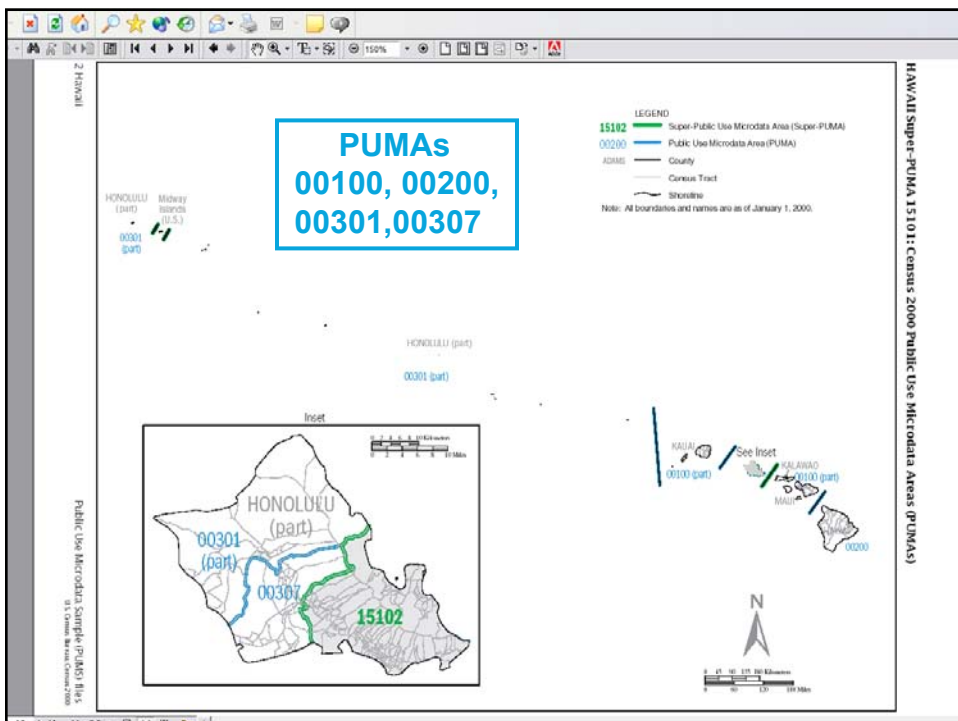
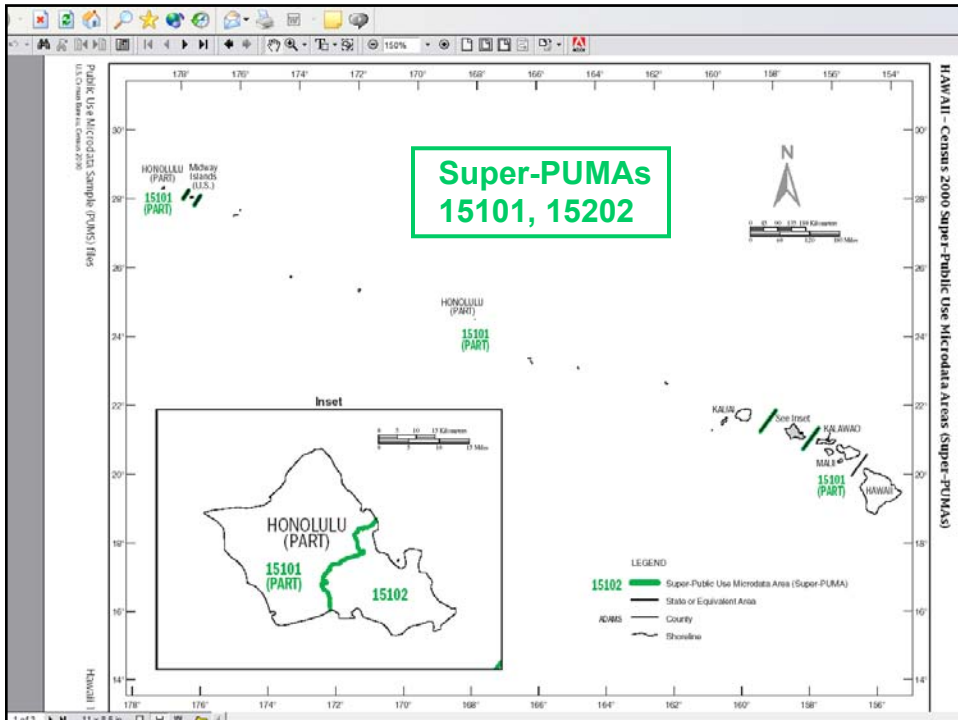
- Includes all of the person record variables such as sex, age, race, citizenship, veteran status, place of work, and means of transportation to work, as well as many others
- Vacant housing units have no person data
- The housing unit record and the person record are linked using the variables STATE and SERIALNO

# Weighting

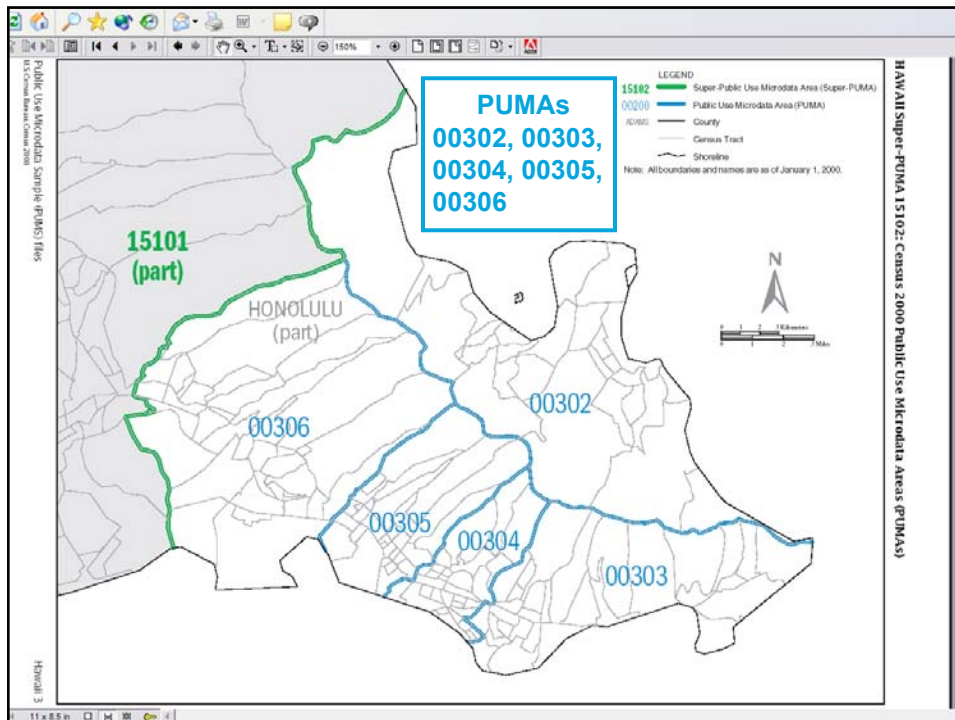
- There is a housing unit weight on the housing unit record and a person weight on the person record
- Information on when to use which weight is available as Data Note 5 in Chapter 8 of the technical documentation

# Geography

1 Percent Sample	5 Percent Sample
<b>h_msacmsa1 (for super PUMA)</b>	<b>h_msacmsa5 (for PUMA)</b>
<b>h_msapmsa1 (for super PUMA)</b>	<b>h_msapmsa5 (for PUMA)</b>
<b>h_puma1 (Hawaii Super PUMAs: 15101, 15102)</b>	<b>h_puma5 (PUMAs: 00100, 00200, 00301, 00302, 00303, 00304, 00305, 00306, 00307)</b>
<b>h_region</b>	<b>h_region</b>
<b>h_state (Hawaii = state code 15)</b>	<b>h_state</b>







## PUMS Files

**Availability:** Available on a single DVD containing Beyond 20/20 software. States also available as downloadable ASCII files via FTP (5-percent files) and FTP (1-percent files). 1-percent files also available separately on CD-ROM.

**Subject Content:** DVD containing both the 1-percent and 5-percent PUMS files providing individual records of responses to questionnaires with unique identifiers (names, address, etc.) removed so the confidentiality of respondents is protected. These files enable users to produce their own tabulations within the limits of the data provided.

**Product ID and Pricing:** V1-D00-PUMS-08-US1 \$70.00  
Released December 31, 2003.  
Customer Services Center (orders) 301-763-INFO (4636)

**Census Contact:** Population Division (content), 301-763-2422

## Helpful Websites

### **PUMS 1% data and related files**

<http://www.census.gov/PressRelease/www/2003/PUMS.html>

### **PUMS 5% data and related files**

<http://www.census.gov/PressRelease/www/2003/PUMS5.html>

### **Technical Documentation**

[www.census.gov/prod/cen2000/doc/pums.pdf](http://www.census.gov/prod/cen2000/doc/pums.pdf)

## Helpful Websites

### **Notes and Errata**

<http://www.census.gov/prod/cen2000/notes/errata.pdf>

### **PUMS support**

[Censtats.census.gov/techdoc/pums.htm](http://Censtats.census.gov/techdoc/pums.htm)

### **PUMS support for the DVD**

[www.census.gov/support/PUMSdata.html](http://www.census.gov/support/PUMSdata.html)

# 1% and 5% p\_race1 9 groups

Beyond 20/20 Browser - Race Recode 1 (Read-only)

File Edit View Dimension Item Window Help

← p\_race1 →

**Race Recode 1 (Read-only)**

	Code	Label
1	Total	Total
2	1	White alone
3	2	Black or African American alone
4	3	American Indian alone
5	4	Alaska Native alone
6	5	American Indian and Alaska Native
7	6	Asian alone
8	7	Native Hawaiian and Other Pacific
9	8	Some other race alone
10	9	Two or more major race groups

For Help, press F1

10/10 Total IT ENG

# 1% p\_race2 66 groups

Beyond 20/20 Browser - Race Recode 2 (Read-only)

File Edit View Dimension Item Window Help

← p\_race2 →

**Race Recode 2 (Read-only)**

	Code	Label
38		Asian alone:
39	37	Asian Indian alone
40	38	Bangladeshi alone
41	39	Cambodian alone
42	40	Chinese, except Taiwanese, alone
43	41	Taiwanese alone
44	42	Filipino alone
45	43	Hmong alone
46	44	Indonesian alone
47	45	Japanese alone
48	46	Korean alone
49	47	Laotian alone
50	48	Malaysian alone
51	49	Pakistani alone
52	50	Sri Lankan alone
53	51	Thai alone
54	52	Vietnamese alone
55	53	Other specified Asian alone
56	54	Asian, not specified, alone
57	55	All combinations of Asian races or
58	56	Native Hawaiian alone
59	57	Samoa alone
60	58	Tongan alone
61	59	Other Polynesian alone or in comb
62	60	Guamanian or Chamorro alone
63	61	Other Micronesian alone or in comb
64	62	Melanesian alone or in combinatio
65	63	Other Native Hawaiian and Other F
66	64	Some other race alone
67	65	Two or more major races

For Help, press F1

67/67 Total IT ENG

# 5% p\_race2 61 groups

Beyond 20/20 Browser - Race Recode 2 (Read-only)

File Edit View Dimension Item Window Help

← p\_race2 →

Race Recode 2 (Read-only)

	Code	Label
1	01	White alone
2	02	Black or African American alone
3	03	Apache alone
4	04	Blackfeet alone
5	05	Cherokee alone
6	06	Cheyenne alone
7	07	Chickasaw alone
8	08	Chippewa alone
9	09	Choctaw alone
10	10	Comanche alone
11	11	Creek alone
12	14	Iroquois alone
13	15	Kowa alone
14	16	Latin American Indian alone
15	17	Lumbee alone
16	18	Navajo alone
17	21	Potawatomi alone
18	22	Pueblo alone
19	23	Puget Sound Salish alone
20	24	Seminole alone
21	25	Sioux alone
22	26	Tohono O'odham alone
23	28	Yaqut alone
24	29	Other specified American Indian tribes alone
25	30	All other specified American Indian tribe combinations
26	31	Alaskan Athabascan alone
27	32	Aleut alone
28	33	Eskimo alone
29	34	Tlingit-Haida alone
30	35	All specified American Indian and Alaska Native tribes alone or in combination with other tribes
31	36	American Indian and Alaska Native, not specified
32		Asian alone:
33	07	Asian Indian alone
34	08	Bangladeshi alone
35	09	Cambodian alone
36	40	Chinese, except Taiwanese, alone

For Help, press F1

61/61 White alone ENG

# 1% p\_race3 71 groups

Beyond 20/20 Browser - Race Recode 3 (Read-only)

File Edit View Dimension Item Window Help

← p\_race3 →

Race Recode 3 (Read-only)

	Code	Label
1	Total	Total
2	01	Some other race alone
3	02	Other Pacific Islander alone
4	03	Other Pacific Islander; Some other race
5	04	Samoa alone
6	05	Guamanian or Chamorro alone
7	06	Native Hawaiian alone
8	07	Other Asian alone
9	08	Other Asian; Some other race
10	09	Other Asian; Other Pacific Islander
11	10	Vietnamese alone
12	11	Korean alone
13	12	Japanese alone
14	13	Japanese; Some other race
15	14	Japanese; Native Hawaiian
16	15	Filipino alone
17	16	Filipino; Some other race
18	17	Filipino; Other Pacific Islander
19	18	Filipino; Native Hawaiian
20	19	Filipino; Japanese
21	20	Chinese alone
22	21	Chinese; Some other race
23	22	Chinese; Native Hawaiian
24	23	Chinese; Other Asian
25	24	Chinese; Vietnamese
26	25	Chinese; Japanese
27	26	Chinese; Filipino
28	27	Chinese; Filipino; Native Hawaiian
29	28	Asian Indian alone
30	29	Asian Indian; Some other race
31	30	Asian Indian; Other Pacific Islander
32	31	Asian Indian; Other Asian

For Help, press F1

72/72 White; Japanese IM ENG

## 5% p\_race3 62 groups

Beyond 20/20 Browser - Race Recode 3 (Read-only)

Race Recode 3 (Read-only)

	Code	Label
1	01	Some other race alone
2	02	Other Pacific Islander alone
3	03	Other Pacific Islander, Some other
4	04	Samoa alone
5	05	Guamanian or Chamorro alone
6	06	Native Hawaiian alone
7	07	Other Asian alone
8	08	Other Asian, Some other race
9	09	Other Asian, Other Pacific Islander
10	10	Vietnamese alone
11	11	Korean alone
12	12	Japanese alone
13	13	Filipino alone
14	14	Filipino, Some other race
15	15	Filipino, Other Pacific Islander
16	16	Filipino, Native Hawaiian
17	17	Filipino, Japanese
18	20	Chinese alone
19	21	Chinese, Some other race
20	22	Chinese, Native Hawaiian
21	23	Chinese, Other Asian
22	24	Chinese, Vietnamese
23	25	Chinese, Japanese
24	26	Chinese, Filipino
25	28	Asian Indian alone
26	29	Asian Indian, Some other race
27	30	Asian Indian, Other Pacific Islander
28	31	Asian Indian, Other Asian
29	32	American Indian and Alaska Native
30	33	American Indian and Alaska Native
31	36	American Indian and Alaska Native
32	37	Black or African American alone
33	38	Black or African American, Some
34	39	Black or African American, Other F

For Help, press F1

62/62

Some other race alone

END

## 1 Percent PUMS

Beyond 20/20 Browser - Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

File Edit View Dimension Item Data Window Help

Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

1 Dimension bar  
2 Column (header) dimension area  
3 Row (stub) dimension area

Double click to view "source field" content

Click and drag a geographic source field  
h\_state, h\_msacmsa, h\_msapmsa1, hpuma1  
into a row or column to establish a geography

Click and drag a source field into the other  
area (row or column)

Source fields:

- p\_pweight
- p\_race1
- p\_race2
- p\_race3
- p\_racea
- p\_rc
- p\_recall
- p\_relate
- p\_relatea
- p\_rspnsbl
- p\_rspnsbla
- p\_sensory
- p\_sensorya
- p\_sex
- p\_sexa
- p\_sfn
- p\_sfrl
- p\_slfcare
- p\_slfcarea
- p\_speak
- p\_speaka
- p\_trvms
- p\_trvmsa
- p\_trvtime

Beyond 20/20 Browser - Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

File Edit View Dimension Item Data Window Help

Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

h\_state

Set a column and row

Click go (green light)  
to run table

p_race1	Total	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska ...	Asian alone
h_state							
Total							
Alabama							
Alaska							
Arizona							
Arkansas							
California							
Colorado							
Connecticut							
Delaware							
District of Colu...							
Florida							
Georgia							
Hawaii							
Idaho							
Illinois							
Indiana							
Iowa							
Kansas							
Kentucky							
Louisiana							
Maine							
Maryland							
Massachusetts							
Michigan							
Minnesota							
Mississippi							
Missouri							
Montana							
Nebraska							
Nevada							

Source fields:

- h\_nrc
- h\_oil
- h\_oila
- h\_p18
- h\_p65
- h\_paoc
- h\_parc
- h\_persons
- h\_phone
- h\_phonea
- h\_psf
- h\_puma1
- h\_region
- h\_rent
- h\_renta
- h\_rooms
- h\_roomsa
- h\_smoc
- h\_smocapi
- h\_smt
- h\_state
- h\_subsampl
- h\_sval
- h\_taxamt

Beyond 20/20 Browser - h\_state by p\_sex by p\_race1(2000)

File Edit View Dimension Item Data Window Help

h\_state by p\_sex by p\_race1(2000)

h_state	p_race1	Total	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska ...	Asian alone	Native Haws and Other F
Total	Total	281,421,908	211,264,815	34,404,747	1,852,290	97,589	490,290	10,149,943	404
	Male	138,031,205	103,742,815	16,306,775	912,786	50,011	253,787	4,899,727	203
	Female	143,390,701	107,522,000	18,097,972	939,504	47,578	236,503	5,250,216	200
Alabama	Total	4,445,562	3,149,954	1,157,451	19,677	-	4,038	29,092	
	Male	2,145,646	1,537,212	538,427	10,032	-	1,797	13,322	
	Female	2,299,916	1,612,742	619,024	9,645	-	2,241	15,770	
Alaska	Total	628,493	431,236	19,830	4,120	79,630	13,218	25,749	4
	Male	332,145	230,056	10,850	1,424	40,809	5,964	12,380	1
	Female	296,348	201,180	8,980	2,696	39,021	7,254	13,369	2
Arizona	Total	5,129,713	3,871,901	164,581	227,646	385	25,711	84,631	4
	Male	2,556,941	1,914,117	88,225	110,409	251	12,619	40,459	2
	Female	2,572,772	1,957,784	76,356	117,237	134	13,092	44,172	2
Arkansas	Total	2,675,687	2,123,431	420,394	15,372	201	5,340	21,344	3
	Male	1,317,560	1,048,469	201,126	7,080	53	3,338	9,960	1
	Female	1,358,127	1,074,962	219,268	8,292	148	2,002	11,384	1
California	Total	33,879,320	20,105,863	2,223,673	207,514	1,917	96,338	3,655,699	125
	Male	16,878,673	10,006,434	1,086,222	104,349	1,167	48,415	1,760,798	64
	Female	17,000,647	10,099,429	1,127,451	103,165	750	47,923	1,894,901	61
Colorado	Total	4,301,983	3,555,781	155,984	31,577	-	13,438	88,596	5
	Male	2,176,042	1,785,376	83,329	15,935	-	7,403	41,725	2
	Female	2,125,941	1,770,405	72,655	15,642	-	6,035	46,871	3
Connecticut	Total	3,406,431	2,779,948	309,012	5,757	123	3,149	78,807	1
	Male	1,639,705	1,336,329	144,275	2,434	-	1,515	39,245	
	Female	1,766,726	1,443,619	164,737	3,323	123	1,634	39,562	
Delaware	Total	783,683	584,292	149,704	1,702	-	619	16,421	
	Male	381,416	282,532	72,388	921	-	533	8,265	
	Female	402,267	301,760	77,316	781	-	86	8,156	
District of Colu...	Total	572,781	176,231	343,770	208	-	1,047	13,991	
	Male	269,383	87,405	154,666	104	-	524	7,288	
	Female	303,398	88,826	189,104	104	-	523	6,703	

For Help, press F1

## Scroll down stub to view Hawaii

Beyond 20/20 Browser - h\_state by p\_sex by p\_race1(2000)

File Edit View Dimension Item Data Window Help

h\_state by p\_sex by p\_race1(2000)

h_state	p_race1	Total	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska ...	Asian alone	Native Haws and Other F
Hawaii	Total	1,211,064	296,343	22,039	2,630	-	794	504,784	119
	Male	609,215	161,543	13,517	1,070	-	322	240,675	57
	Female	601,849	134,800	8,522	1,560	-	472	264,109	61
Idaho	Total	1,293,454	1,179,285	4,972	14,908	299	2,897	11,743	
	Male	643,340	583,625	2,761	7,871	257	1,376	5,027	
	Female	650,114	595,660	2,211	7,037	42	1,521	6,716	
Illinois	Total	12,420,669	9,120,944	1,879,262	17,524	222	10,563	426,925	2
	Male	6,072,909	4,465,798	874,747	9,010	111	5,776	208,695	1
	Female	6,347,760	4,655,146	1,004,515	8,514	111	4,787	218,230	1
Indiana	Total	6,076,995	5,308,853	501,043	13,366	191	4,448	55,116	1
	Male	2,971,458	2,589,676	239,059	7,269	86	2,450	26,377	1
	Female	3,105,537	2,719,177	261,984	6,097	105	1,998	28,739	
Iowa	Total	2,923,524	2,743,296	64,721	4,597	-	2,179	34,564	
	Male	1,426,416	1,333,995	32,553	2,638	-	994	17,016	
	Female	1,497,108	1,409,301	32,168	1,959	-	1,185	17,548	
Kansas	Total	2,687,648	2,306,886	147,489	17,097	490	5,189	45,301	
	Male	1,314,661	1,123,824	70,039	8,449	119	2,156	22,272	
	Female	1,373,187	1,184,862	77,450	8,648	371	3,033	23,029	
Kentucky	Total	4,041,737	3,636,011	294,847	5,879	-	3,968	32,116	
	Male	1,967,782	1,784,866	144,281	2,827	-	2,720	15,169	
	Female	2,053,955	1,851,145	150,566	3,052	-	1,248	16,947	
Louisiana	Total	4,470,170	2,889,969	1,443,122	16,628	-	7,211	51,538	1
	Male	2,134,302	1,392,460	661,522	8,456	-	3,065	26,889	
	Female	2,335,868	1,467,509	781,600	8,172	-	4,146	24,649	
Maine	Total	1,274,571	1,236,915	6,116	5,281	-	1,137	9,684	
	Male	627,062	610,464	3,264	2,659	-	630	3,245	
	Female	647,509	626,451	2,852	2,622	-	507	6,439	
Maryland	Total	5,297,739	3,377,205	1,482,515	9,187	-	5,407	214,937	2
	Male	2,550,495	1,643,957	694,130	4,514	-	3,237	101,934	1
	Female	2,747,244	1,733,248	788,385	4,673	-	2,170	113,003	1

For Help, press F1

File Edit View Dimension Item Data Window Help

h\_state

Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

h\_state

alifornia  
olorado  
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istrict of Colu...  
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diana  
wa  
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ouisiana  
aine  
aryland  
assachusetts  
ichigan  
innesota  
ississippi  
issouri  
ontana  
ebraska  
evada  
ew Hampshire  
ew Jersey  
ew Mexico  
ew York  
orth Carolina  
orth Dakota  
hio

To view just one geography:  
Right click on Hawaii and a drop  
down menu will appear

Show  
Hide  
Drill up  
Dimension Summary  
Copy  
Paste

Click "show"  
to see only  
Hawaii

This applies to select and view any  
element in any of the source fields

h\_paoc  
h\_parc  
h\_persons  
h\_phone  
h\_phonea  
h\_psf  
h\_puma1  
h\_region  
h\_rent  
h\_renta  
h\_rooms  
h\_roomsa  
h\_smoc  
h\_smocapi  
h\_smt  
h\_state  
h\_subsampl  
h\_sval  
h\_taxamt  
h\_taxamta  
h\_taxincl  
h\_taxincla  
h\_tenure  
h\_tenurea

Beyond 20/20 Browser - Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

File Edit View Dimension Item Data Window Help

h\_state

Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

h\_state

Hawaii

h\_paoc  
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h\_tenurea



File Edit View Dimension Item Data Window Help

h\_state

Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

ate	-
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olorado	-
onnecticut	-
elaware	-
istrict of Colu...	-
orida	-
eorgia	-
awaii	-
aho	-
nois	-
diana	-
wa	-
ansas	-
entucky	-
ouisiana	-
aine	-
aryland	-
assachusetts	-
ichigan	-
innesota	-
ississippi	-
issouri	-
ontana	-
braska	-
evada	-
ew Hampshire	-
ew Jersey	-
ew Mexico	-
ew York	-
orth Carolina	-
orth Dakota	-
hio	-

**To view multiple geographies you must "hide" those that you do not want. Right click on a geography and a drop down menu will appear**

**Show**  
**Hide**  
**Drill up**  
**Dimension Summary**  
**Copy**  
**Paste**

**Click "hide" on all elements that you do not want to view**

**This applies to select and view any element in any of the source fields**

h_paoc
h_parc
h_persons
h_phone
h_phonea
h_psf
h_puma1
h_region
h_rent
h_renta
h_rooms
h_roomsa
h_smoc
h_smocapi
h_smt
h_state
h_subsampl
h_sval
h_taxamt
h_taxamta
h_taxincl
h_taxincla
h_tenure
h_tenurea

Beyond 20/20 Browser - Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

File Edit View Dimension Item Data Window Help

h\_state

Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

h_state	-
Total	-
Hawaii	-
Kentucky	-
North Dakota	-
Ohio	-

h_rent
h_renta
h_rooms
h_roomsa
h_smoc
h_smocapi
h_smt
h_state
h_subsampl
h_sval
h_taxamt
h_taxamta
h_taxincl
h_taxincla
h_tenure
h_tenurea
h_unitttype
h_vacstat
h_vacstata
h_value
h_valuea
h_vehicl
h_vehicla
h_water

For Help, press F1

5/52 Ohio M ENG

# Nesting

Beyond 20/20 Browser - Extract: (E:\EXTRACTS\UNITED STATES\PHU,2000.IVx)

File Edit View Dimension Item Data Window Help

h\_state

Extract: (E:\EXTRACTS\UNITED STATES\PHU,2000.IVx)

p_race1	Total	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska ...	Asian alone
h_state							
Total							
Alabama							
Alaska							
Arizona							
Arkansas							
California							
Colorado							
Connecticut							
Delaware							
District of Colu...							
Florida							
Georgia							
Hawaii							
Idaho							
Illinois							
Indiana							
Iowa							
Kansas							
Kentucky							
Louisiana							
Maine							
Maryland							
Massachusetts							
Michigan							
Minnesota							
Mississippi							
Missouri							
Montana							
Nebraska							
Nevada							

h\_nrc  
h\_oil  
h\_oila  
h\_p18  
h\_p65  
h\_paoc  
h\_parac  
h\_persons  
h\_phone  
h\_phonea  
h\_psf  
h\_puma1  
h\_region  
h\_rent  
h\_renta  
h\_rooms  
h\_roomsa  
h\_smoc  
h\_smocapi  
h\_smt  
h\_state  
h\_subsampl  
h\_sval  
h\_taxamt

Click and drag source fields to establish your header and stub

# Nesting

Beyond 20/20 Browser - Extract: (E:\EXTRACTS\UNITED STATES\PHU,2000.IVx)

File Edit View Dimension Item Data Window Help

h\_state

Extract: (E:\EXTRACTS\UNITED STATES\PHU,2000.IVx)

p_race1	Total	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska ...	Asian alone
h_state							
Total							
Alabama							
Alaska							
Arizona							
Arkansas							
California							
Colorado							
Connecticut							
Delaware							
District of Colu...							
Florida							
Georgia							
Hawaii							
Idaho							
Illinois							
Indiana							
Iowa							
Kansas							
Kentucky							
Louisiana							
Maine							
Maryland							
Massachusetts							
Michigan							
Minnesota							
Mississippi							
Missouri							
Montana							
Nebraska							
Nevada							

h\_nrc  
h\_oil  
h\_oila  
h\_p18  
h\_p65  
h\_paoc  
h\_parac  
h\_persons  
h\_phone  
h\_phonea  
h\_psf  
h\_puma1  
h\_region  
h\_rent  
h\_renta  
h\_rooms  
h\_roomsa  
h\_smoc  
h\_smocapi  
h\_smt  
h\_state  
h\_subsampl  
h\_sval  
h\_taxamt

Click and drag another source field such as p-sex to the inner edge of either the row or column

A black line will appear

Drop the source field

Beyond 20/20 Browser - Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

File Edit View Dimension Item Data Window Help

← p\_sex →

Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

h_state	p_race1	p_sex	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska ...	Asian a
Total	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Alabama	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Alaska	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Arizona	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Arkansas	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
California	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Colorado	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Connecticut	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Delaware	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
District of Col...	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-

For Help, press F1

3/3 Total IT ENG

Right sidebar fields:

- p\_pweight
- p\_race1
- p\_race2
- p\_race3
- p\_racea
- p\_rc
- p\_recall
- p\_relate
- p\_relatea
- p\_rspnsbl
- p\_rspnsbla
- p\_sensory
- p\_sensorya
- p\_sex
- p\_sex\_a
- p\_sfn
- p\_sfnl
- p\_slfcare
- p\_slfcarea
- p\_speak
- p\_speaka
- p\_trvmns
- p\_trvmnsa
- p\_trvtime

Another source field can be added including source fields with values that can be calculated

Beyond 20/20 Browser - Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

File Edit View Dimension Item Data Window Help

← p\_sex →

Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

h_state	p_race1	p_sex	Total	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American and Alas
Total	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Alabama	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Alaska	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Arizona	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Arkansas	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
California	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Colorado	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Connecticut	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
Delaware	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-
District of Col...	Total		-	-	-	-	-	-
	Male		-	-	-	-	-	-
	Female		-	-	-	-	-	-

For Help, press F1

3/3 Total IT ENG

Right sidebar fields:

- p\_hours
- p\_hourea
- p\_howlong
- p\_howlonga
- p\_incint
- p\_incinta
- p\_incoth
- p\_incotha
- p\_incpa
- p\_incpaa
- p\_incret
- p\_increta
- p\_incse
- p\_incsea
- p\_incssa
- p\_incssi
- p\_incssia
- p\_inctot
- p\_inctota
- p\_incws
- p\_incwsa
- p\_indcen
- p\_indcena

## Add another source field with unit values to be calculated

Beyond 20/20 Browser - Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

File Edit View Dimension Item Data Window Help

Extract: (E:\EXTRACTS\UNITED STATES\PHU\2000.IVX)

h_state	p_race1	Total	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American and Alaska Native alone
Total	Total						
	Male						
Alabama	Total						
	Male						
Alaska	Total						
	Male						
Arizona	Total						
	Male						
Arkansas	Total						
	Male						
California	Total						
	Male						
Colorado	Total						
	Male						
Connecticut	Total						
	Male						
Delaware	Total						
	Male						
District of Columbia	Total						
	Male						

Source fields with # symbol

Click and drag a source field "p\_inctot" into cell area

p\_hours  
 p\_hoursa  
 p\_howlong  
 p\_howlonga  
 p\_incint  
 p\_incinta  
 p\_incoth  
 p\_incotha  
 p\_incpa  
 p\_incpaa  
 p\_incret  
 p\_increta  
 p\_incse  
 p\_incsea  
 p\_incss  
 p\_incssa  
 p\_incssi  
 p\_incssia  
 p\_inctot  
 p\_inctota  
 p\_incws  
 p\_incwsa  
 p\_indcen  
 p\_indcena

## Select Unit Item for Source Fields that have numeric fields to calculate

- Select item average, count, maximum, minimum, non-missing count or sum
- Click OK
- Go to green light and click to run calculations for table

Edit Unit Item

Based on Field: p\_incint

Item Name: Sum(p\_incint)

Calculated As:

- Average
- Count
- Maximum
- Minimum
- Non-Missing Count
- Sum

OK Cancel Help...

# Average

Beyond 20/20 Browser - Units by h\_state by p\_sex by p\_race1(2000)

File Edit View Dimension Item Data Window Help

Units: Avg(p\_inctot)

h_state	p_race1	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska ...	Asian alone	Native Hawaiian and Other Pa...	Some other r...
Total	Total	29,783	19,265	17,723	20,155	17,155	27,460	20,886	15,...
	Male	39,965	21,433	22,157	21,450	20,771	36,015	25,708	19,...
	Female	20,187	17,399	13,571	18,877	13,320	19,762	15,596	11,...
Alabama	Total	25,847	14,969	18,141	-	13,924	30,516	11,305	14,...
	Male	35,985	17,221	25,564	-	19,869	36,194	26,350	14,...
	Female	16,462	13,156	10,391	-	8,892	25,778	3,831	13,...
Alaska	Total	36,078	26,961	30,623	19,850	14,550	21,162	46,889	18,...
	Male	45,843	23,582	33,906	19,446	11,852	24,477	73,504	19,...
	Female	25,031	30,673	26,848	20,254	16,392	18,224	14,873	17,...
Arizona	Total	28,865	21,073	13,542	16,293	12,725	29,167	19,299	15,...
	Male	38,476	23,467	16,330	24,991	9,406	43,010	20,594	19,...
	Female	19,646	18,361	11,136	0	15,863	17,221	18,258	10,...
Arkansas	Total	22,984	14,510	20,547	9,425	14,754	15,904	11,234	12,...
	Male	30,853	16,142	28,422	290	22,729	20,563	10,835	17,...
	Female	15,512	13,020	13,868	16,760	4,807	12,332	11,708	6,...
California	Total	34,795	23,072	20,875	23,948	18,286	27,731	21,916	15,...
	Male	46,026	25,157	25,481	32,254	24,303	35,609	26,917	19,...
	Female	23,826	21,084	16,195	11,070	12,109	20,720	16,598	10,...
Colorado	Total	32,046	24,083	21,137	-	17,574	24,715	23,979	16,...
	Male	42,343	27,492	24,828	-	21,591	33,975	24,026	20,...
	Female	21,924	19,963	17,711	-	13,131	16,365	23,933	11,...
Connecticut	Total	38,691	22,261	27,711	16,000	19,214	31,623	10,734	15,...
	Male	52,763	23,884	35,749	-	20,895	43,517	10,153	19,...
	Female	25,921	20,883	22,004	16,000	17,945	20,411	11,332	12,...
Delaware	Total	31,679	21,737	16,964	-	8,064	34,801	8,340	21,...
	Male	42,678	24,849	26,914	-	8,064	54,001	8,340	21,...
	Female	21,604	18,991	7,058	-	-	16,337	-	21,...
District of Col...	Total	56,859	23,121	28,360	-	50,924	28,925	117,154	16,...
	Male	65,976	22,980	40,000	-	60,237	34,777	117,154	19,...
	Female	47,888	23,233	16,700	-	44,157	23,089	-	13,...

For Help, press F1

# Count

Beyond 20/20 Browser - Units by h\_state by p\_sex by p\_race1(2000)

File Edit View Dimension Item Data Window Help

Units: Count

h_state	p_race1	Total	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska ...	Asian alone	Native Hawaiian and Other Pa...
Total	Total	281,421,906	211,264,815	34,404,747	1,852,290	97,589	490,290	10,149,943	404,1...
	Male	138,031,205	103,742,815	16,306,775	912,786	50,011	253,787	4,899,727	203,...
	Female	143,390,701	107,522,000	18,097,972	939,504	47,578	236,503	5,250,216	200,...
Alabama	Total	4,445,562	3,149,954	1,157,451	19,677	-	4,038	23,092	-
	Male	2,145,646	1,537,212	538,427	10,032	-	1,797	13,322	-
	Female	2,299,916	1,612,742	619,024	9,645	-	2,241	15,770	-
Alaska	Total	628,493	431,236	19,830	4,120	79,630	13,218	25,749	4,1...
	Male	332,145	230,056	10,850	1,424	40,609	5,964	12,380	1,8...
	Female	296,348	201,180	8,980	2,696	39,021	7,254	13,369	2,2...
Arizona	Total	5,129,713	3,871,901	164,581	227,646	365	25,711	84,631	4,5...
	Male	2,556,941	1,914,117	88,225	110,409	251	12,619	40,459	2,8...
	Female	2,572,772	1,957,784	76,356	117,237	134	13,092	44,172	2,2...
Arkansas	Total	2,675,687	2,123,431	420,394	15,372	201	5,340	21,344	3,1...
	Male	1,317,560	1,048,469	201,126	7,080	53	3,338	9,960	1,8...
	Female	1,358,127	1,074,962	219,268	8,292	148	2,002	11,384	1,2...
California	Total	33,679,320	20,105,863	2,223,673	207,514	1,917	96,338	3,655,699	125,...
	Male	16,878,673	10,006,434	1,096,222	104,349	1,167	48,415	1,760,798	64,...
	Female	17,000,647	10,099,429	1,127,451	103,165	750	47,923	1,894,901	61,...
Colorado	Total	4,301,983	3,555,781	155,984	31,577	-	13,438	88,596	5,1...
	Male	2,176,042	1,785,376	83,329	15,935	-	7,403	41,725	2,2...
	Female	2,125,941	1,770,405	72,655	15,642	-	6,035	46,871	3,0...
Connecticut	Total	3,408,431	2,779,848	309,012	5,757	123	3,149	78,807	1,0...
	Male	1,639,705	1,336,329	144,275	2,434	-	1,515	39,245	6,0...
	Female	1,768,726	1,443,619	164,737	3,323	123	1,634	39,562	5,0...
Delaware	Total	783,683	584,292	149,704	1,702	-	619	16,421	1,0...
	Male	381,416	282,532	72,388	921	-	533	8,265	1,0...
	Female	402,267	301,760	77,316	781	-	86	8,156	1,0...
District of Col...	Total	572,781	176,231	343,770	208	-	1,047	13,991	1,0...
	Male	269,383	87,405	154,666	104	-	524	7,288	1,0...
	Female	303,398	88,826	189,104	104	-	523	6,703	1,0...

For Help, press F1

# Sum

Beyond 20/20 Browser - Units by h\_state by p\_race1(2000)

File Edit View Dimension Item Data Window Help

← p\_sex →

Units by h\_state by p\_sex by p\_race1(2000)

Units: Sum(p\_incoth)

h_state	p_sex	Total	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska ...	Asian alone	Native Hi and Othe
Total	Total	114,560,730,128	92,809,530,402	12,589,738,858	719,429,368	41,001,910	160,250,250	2,922,282,968	121,5
	Male	56,444,824,552	46,236,585,766	5,848,597,708	346,806,460	23,131,870	71,245,270	1,447,228,848	65,6
	Female	58,115,905,576	46,572,944,636	6,741,141,150	372,622,908	17,870,040	89,004,980	1,475,054,140	56,5
Alabama	Total	1,875,891,528	1,407,178,346	432,693,932	4,468,390	-	3,211,140	4,113,150	-
	Male	960,524,440	744,528,418	201,050,652	1,928,690	-	1,977,260	0	-
	Female	915,367,088	662,649,928	231,643,280	2,539,700	-	1,233,880	4,113,150	-
Alaska	Total	290,233,648	214,725,588	9,798,900	732,300	32,041,330	2,017,300	9,915,300	10,5
	Male	176,806,990	130,551,390	5,552,900	318,000	17,167,350	90,000	7,796,200	10,5
	Female	113,426,658	84,174,198	4,246,000	414,300	14,873,980	1,927,300	2,119,100	-
Arizona	Total	2,305,896,982	1,983,070,002	60,516,200	50,537,300	574,200	3,729,480	27,852,100	-
	Male	1,242,108,014	1,087,287,324	35,588,720	21,515,360	574,200	475,000	7,661,950	-
	Female	1,063,788,968	895,782,678	24,927,480	29,021,940	0	3,254,480	20,190,150	-
Arkansas	Total	1,103,609,598	933,166,022	131,329,406	5,786,550	0	10,018,800	3,117,850	-
	Male	567,007,692	487,938,076	53,272,586	1,300,400	0	9,727,800	263,100	-
	Female	536,601,906	445,227,946	78,056,820	4,486,150	0	291,000	2,854,750	-
California	Total	14,130,026,636	10,082,621,408	1,006,339,540	99,754,968	4,593,240	21,152,850	1,227,751,270	26,5
	Male	6,810,854,984	4,855,449,334	530,911,420	57,124,900	3,914,240	7,844,680	614,194,980	7,5
	Female	7,319,171,652	5,227,172,074	475,428,120	42,630,068	679,000	13,308,170	613,556,290	19,0
Colorado	Total	1,802,149,560	1,555,485,970	105,846,170	8,720,900	-	4,645,500	35,556,850	3,5
	Male	872,461,710	714,410,900	81,804,500	2,949,200	-	3,553,500	14,785,200	3,5
	Female	929,687,850	841,075,070	24,041,670	5,771,700	-	1,092,000	20,771,650	-
Connecticut	Total	1,434,650,352	1,248,844,248	93,651,100	133,200	0	278,000	27,795,780	-
	Male	677,550,438	610,686,138	36,157,580	0	-	0	14,114,400	-
	Female	757,099,914	638,158,110	57,493,520	133,200	0	278,000	13,681,380	-
Delaware	Total	280,841,840	232,421,020	44,891,850	550,000	-	0	0	-
	Male	134,937,670	122,575,380	11,087,390	0	-	0	0	-
	Female	145,904,170	109,845,640	33,804,460	550,000	-	-	0	-
District of Columbia	Total	332,056,044	121,801,300	177,036,784	0	-	8,798,300	2,472,400	-
	Male	139,826,844	49,238,220	69,887,124	0	-	0	702,000	-
	Female	192,229,200	72,563,080	107,149,660	0	-	8,798,300	1,770,400	-

For Help, press F1

# Preparing a Chart for totaled information

Beyond 20/20 Browser - h\_state by p\_race1(2000)

File Edit View Dimension Item Data Window Help

← h\_state →

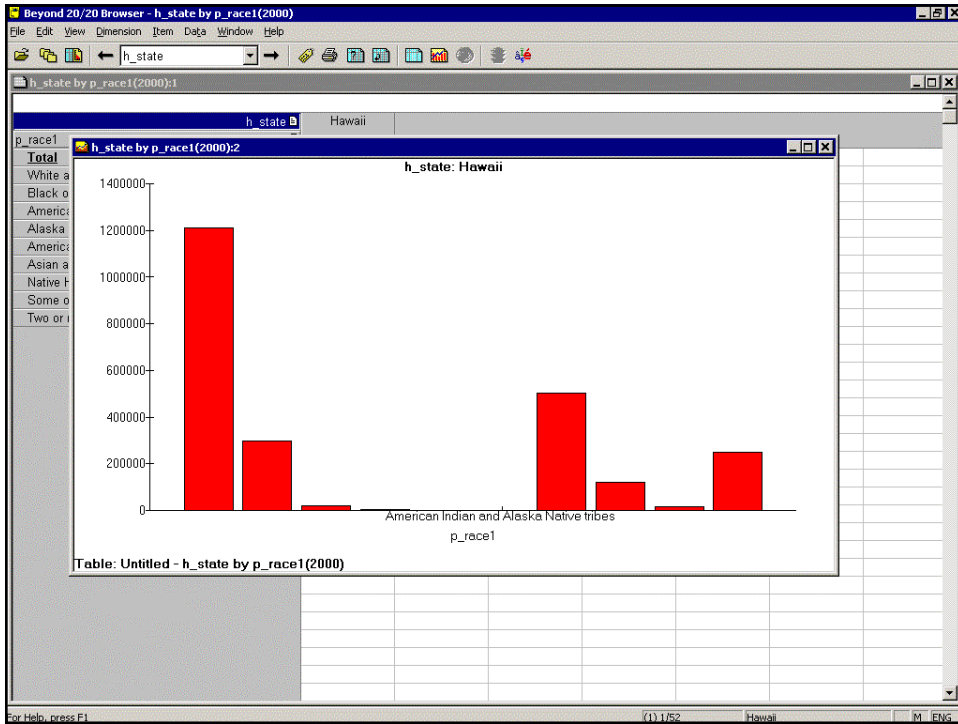
h\_state by p\_race1(2000)

h_state	Hawaii
p_race1	
Total	1,211,064
White alone	296,343
Black or African American alone	22,039
American Indian alone	2,630
Alaska Native alone	-
American Indian and Alaska Native tribes specif...	794
Asian alone	504,784
Native Hawaiian and Other Pacific Islander alone	119,927
Some other race alone	14,288
Two or more major race groups	250,259

To prepare a chart:  
Click total, and column total values will be highlighted.

Right click and dialog box pops up—  
Select chart and chart will appear

For Help, press F1



# 5 Percent PUMS



Beyond 20/20 Browser - Extract: (D:\EXTRACTS\5%\PHU\HN\2000.IVX)

File Edit View Dimension Item Data Window Help

h\_puma5

Extract: (D:\EXTRACTS\5%\PHU\HN\2000.IVX)

h\_puma5

p\_race1

Total

White alone

Black or African American alone

American Indian alone

Alaska Native alone

American Indian and Alaska Nati

Asian alone

Native Hawaiian and Other Paci

Some other race alone

Two or more major race groups

1500100 1500200 1500301 1500302 1500303 1500304 1500305 1500306 1500307

Set a column p\_race1 and row h\_puma5

p\_ancand5

p\_asian

p\_blackwk

p\_black

p\_carpool

p\_carpoola

p\_citizen

p\_citizena

p\_chldr

p\_chldra

p\_dlp

p\_disable

p\_eams

p\_educ

p\_educ

p\_engabil

p\_engabila

p\_enroll

p\_enrolla

p\_esp

p\_err

p\_erra

p\_grade

p\_gradea

p\_grandc

p\_grandca

For Help, press F1

10/10 Total T ENG

Beyond 20/20 Browser - Extract: (D:\EXTRACTS\5%\PHU\HN\2000.IVX)

File Edit View Dimension Item Data Window Help

p\_engabil

Extract: (D:\EXTRACTS\5%\PHU\HN\2000.IVX)

h\_puma5

p\_race1

Total

Not in universe

Very well

Well

Not well

Not at all

White alone

Black or African American alone

American Indian alone

Alaska Native alone

American Indian and Alaska Nati

1500100 1500200 1500301 1500302 1500303 1500304 1500305 1500306 1500307

Nest p\_engabil into column

Click go (green light) to run table

p\_ancand5

p\_asian

p\_blackwk

p\_black

p\_carpool

p\_carpoola

p\_citizen

p\_citizena

p\_chldr

p\_chldra

p\_dlp

p\_disable

p\_eams

p\_educ

p\_educ

p\_engabil

p\_engabila

p\_enroll

p\_enrolla

p\_esp

p\_err

p\_erra

p\_grade

p\_gradea

p\_grandc

p\_grandca

For Help, press F1

6/6 Total T ENG





# Select Unit Item for Source Fields That have numeric fields to calculate

**Select Unit Item for Source Fields That have numeric fields to calculate**

Drag **h\_hinc** Into a cell

Select Average, Count, Maximum, Minimum, Sum  
Click OK  
Click green light to run tabulation

The screenshot shows a web browser window titled 'Beyond 20/20 Browser - Units by h\_puma5 by p\_race1(2000)'. The address bar shows 'h\_puma5'. The main content area displays a table with the following columns: 'Total', 'White alone', 'Black or African American alone', 'American Indian alone', 'Alaska Native alone', 'American Indian and Alaska ...', 'Asian alone', 'Native Hawaiian and Other Pa...', 'Some other race alone', and 'Two or more major race gr...'. The table lists data for various racial and ethnic groups, including 'Total', '1500100', '1500200', '1500301', '1500302', '1500303', '1500304', '1500305', '1500306', and '1500307'. A large red text overlay reads 'Average Household Income'.

	Total	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska ...	Asian alone	Native Hawaiian and Other Pa...	Some other race alone	Two or more major race gr...
Total	69,865	71,156	44,227	54,183	118,131	45,327	77,145	59,121	51,898	62,372
1500100	70,280	76,736	64,438	55,782	-	49,143	76,587	57,170	56,520	59,061
1500200	57,136	61,177	56,579	51,264	53,724	60,628	62,075	46,933	49,381	52,841
1500301	56,132	50,779	32,530	19,133	18,000	15,700	71,430	52,904	53,675	54,465
1500302	82,603	84,811	35,180	20,614	-	38,063	98,265	71,850	26,069	75,610
1500303	95,874	108,374	93,602	45,870	152,000	-	91,976	92,624	152,163	90,595
1500304	58,372	66,925	42,716	85,494	-	59,047	50,046	39,820	45,922	54,922
1500305	64,326	60,056	35,745	54,044	-	21,274	70,101	51,377	60,573	54,636
1500306	69,972	55,237	40,888	59,613	-	0	82,292	70,177	50,755	66,810
1500307	76,039	73,635	64,627	69,866	-	54,478	82,638	60,608	51,781	69,248

Average Household Income

Beyond 20/20 Browser - Units by h\_puma5 by p\_race1(2000)

File Edit View Dimension Item Data Window Help

h\_race1

Units by h\_puma5 by p\_race1(2000):1

Units: Avg(h_race1)		Total	White alone	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska	Asian alone	Native Hawaiian and Other Pa...	Some other race alone	Two or more major race gr...
h_puma5											
Total		69,866	71,156	44,227	54,183	118,131	45,327	77,145	59,121	51,898	62,372
1500100		70,280	76,736	64,438	55,782	-	49,143	76,587	57,170	56,520	59,061
1500200		57,136	61,177	56,579	51,264	53,724	60,628	62,075	46,933	49,381	52,641
1500301		56,132	50,779	32,530	19,133	18,000	15,700	71,430	52,904	53,675	54,465
1500302		82,603	84,811	35,180	20,614	-	38,063	98,265	71,850	26,069	75,610
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1500304		58,372	66,925	42,716	85,494	-	-	59,047	50,046	39,820	45,922
1500305		64,326	60,056	35,745	54,044	-	21,274	70,101	51,377	60,573	54,636
1500306		69,972	55,237	40,888	59,613	-	0	82,292	70,177	50,755	66,810
1500307		76,039	73,635	64,627	69,866	-	54,478	82,638	60,608	51,781	69,248

For Help, press F1

(9) 10/10 White alone M ENG

Highlight cells to prepare a chart

Beyond 20/20 Browser - Units by h\_puma5 by p\_race1(2000)

File Edit View Dimension Item Data Window Help

Open...  
Save  
Reset

Units: Avg  
h\_race1  
h\_puma5

Decimals  
Change Language F9

Dimension Ctrl+D

Chart Ctrl+G

Chart Options...

Chart Link...

Switch Axes

Map Ctrl+M

Map Options...

Zoom In

Zoom Out

Restore

Set Active Dimension...

Move Dimensions

Time Series...

Fiscal Year...

Distributions...

Calculate

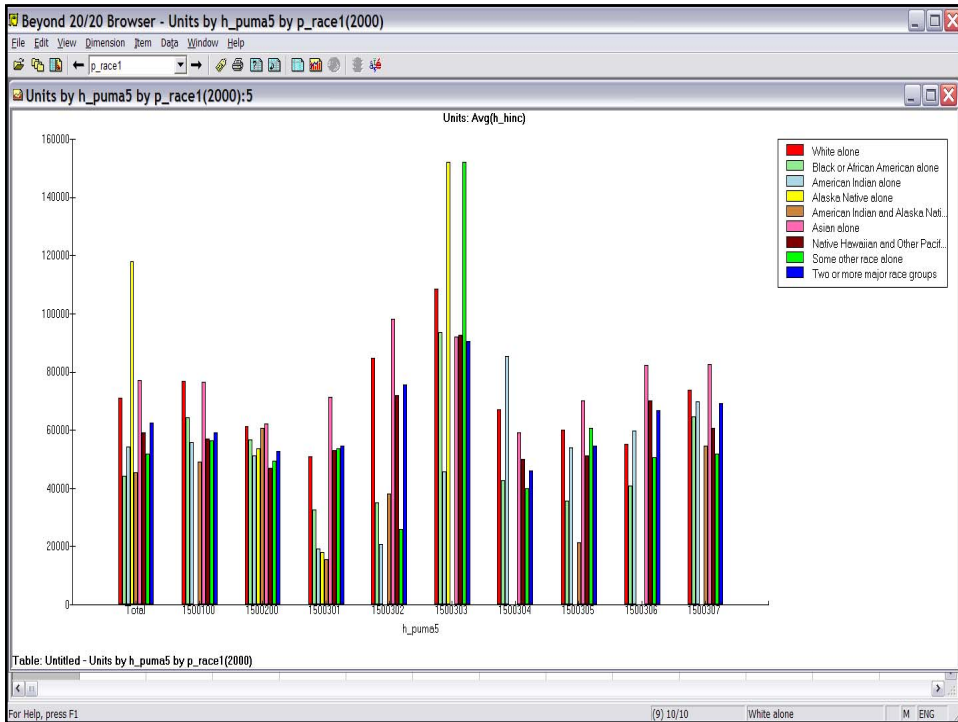
2000):1

Units: Avg(h_race1)		Total	Black or African American alone	American Indian alone	Alaska Native alone	American Indian and Alaska	Asian alone	Native Hawaiian and Other Pa...	Some other race alone	Two or more major race gr...
h_puma5										
Total		69,866	44,227	54,183	118,131	45,327	77,145	59,121	51,898	62,372
1500100		70,280	64,438	55,782	-	49,143	76,587	57,170	56,520	59,061
1500200		57,136	56,579	51,264	53,724	60,628	62,075	46,933	49,381	52,641
1500301		56,132	32,530	19,133	18,000	15,700	71,430	52,904	53,675	54,465
1500302		82,603	35,180	20,614	-	38,063	98,265	71,850	26,069	75,610
1500303		95,874	93,602	45,870	152,000	-	91,976	92,624	152,163	90,595
1500304		58,372	42,716	85,494	-	-	59,047	50,046	39,820	45,922
1500305		64,326	35,745	54,044	-	21,274	70,101	51,377	60,573	54,636
1500306		69,972	40,888	59,613	-	0	82,292	70,177	50,755	66,810
1500307		76,039	64,627	69,866	-	54,478	82,638	60,608	51,781	69,248

Display chart

(9) 10/10 White alone M ENG

Go to View  
Click on Chart



## Chart for PUMA 00100

