

**Census 2000 Sample Data and
ACS 3-year Averages Quality
Measures Comparison**

Data Files Documentation for

Quality Measures Comparison File 1 (QMCF1)
Quality Measures Comparison File 2 (QMCF2)
Quality Measures Comparison File 3 (QMCF3)
Quality Measures Source Data File 1 (QMSDF1)
Quality Measures Source Data File 2 (QMSDF2)
Quality Measures Source Data File 3 (QMSDF3)

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U S C E N S U S B U R E A U

Helping You Make Informed Decisions

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1. FILE CONTENTS

This document describes the content of the six files listed below. These files contain the Census 2000 long form sample and ACS 3-year average quality measures for the 36 ACS counties and the tracts that lie within those counties. There is a separate file for each county. Each county file contains the quality measures for that county and the tracts that lie within that county.

- 1) Quality Measures Comparison File 1 (QMCF1)
- 2) Quality Measures Comparison File 2 (QMCF2)
- 3) Quality Measures Comparison File 3 (QMCF3)
- 4) Quality Measures Source Data File 1 (QMSDF1)
- 5) Quality Measures Source Data File 2 (QMSDF2)
- 6) Quality Measures Source Data File 3 (QMSDF3)

Specifically, for a county and the tracts within that county, the QMCF1 contains the Census quality measures, ACS 3-year average quality measures, difference between the Census and ACS quality measures, and associated standard errors for the following three quality measures:

- Self-response rates
- Sample unit nonresponse rates
- Sample completeness rates

For a county and the tracts within that county, the QMCF2 contains the Census 2000 sample population item allocation rates, ACS 3-year average population item allocation rates, differences between the Census and ACS population item allocation rates, and associated standard errors for the population item allocation rates.

For a county and the tracts within that county, the QMCF3 contains the Census 2000 sample housing unit item allocation rates, ACS 3-year average housing unit item allocation rates, differences between the Census and ACS housing unit item allocation rates, and associated standard errors for the population housing unit item allocation rates.

For a county and the tracts within that county, the QMSDF1 contains the source data for the quality measures found in QMCF1. That is, for the self-response rate, sample unit nonresponse rate, and sample completeness rate quality measures, the QMSDF1 contains the following:

- Numerators for the Census quality measures
- Denominators for the Census quality measures
- ACS single year quality measures for the years 1999, 2000, and 2001
- Standard errors for the ACS single year quality measures
- Numerators for the ACS single year quality measures
- Denominators for the ACS single year quality measures

For a county and the tracts within that county, the QMSDF2 contains the source data for the quality measures found in QMCF2. That is, for the population item allocation rate quality measure, the QMSDF1 contains the following:

- Numerators for the Census 2000 sample population item allocation rates
- Denominators for the Census 2000 sample population item allocation rates
- ACS single year population item allocation rates for the years 1999, 2000, and 2001
- Standard errors for the ACS single year population item allocation rates
- Numerators for the ACS single year population item allocation rates
- Denominators for the ACS single year population item allocation rates

For a county and the tracts within that county, the QMSDF3 contains the source data for the quality measure found in QMCF3. That is, for the housing unit item allocation rate quality measure, the QMSDF1 contains the following:

- Numerators for the Census 2000 sample housing unit item allocation rates
- Denominators for the Census 2000 sample housing unit item allocation rates
- ACS single year housing unit item allocation rates for the years 1999, 2000, and 2001
- Standard errors for the ACS single year housing unit item allocation rates
- Numerators for the ACS single year housing unit item allocation rates
- Denominators for the ACS single year housing unit item allocation rates

Records in each file are ordered as follows:

County 1

Tract 1 in county 1

Tract 2 in county 1

.

.

.

Tract n in county 1

2. FILE NOTES

The quality measures files are available in two formats:

1. ASCII Comma-Separated Valued (CSV) delimited files
2. SAS version 8 files

The variables on the CSV files are ordered as listed in the file layouts contained in sections 4 thru 7. Their file naming conventions are as follows.

QMCF1

CSV file name: qmcf1_SSCCC.csv

SAS 8 file name: qmcf1_SSCCC.sas7bdat

QMCF2

CSV file name: qmcf2_SSCCC.csv
SAS 8 file name: qmcf2_SSCCC.sas7bdat

QMCF3

CSV file name: qmcf3_SSCCC.csv
SAS 8 file name: qmcf3_SSCCC.sas7bdat

QMSDF1

CSV file name: qmsdf1_SSCCC.csv
SAS 8 file name: qmsdf1_SSCCC.sas7bdat

QMSDF2

CSV file name: qmsdf2_SSCCC.csv
SAS 8 file name: qmsdf2_SSCCC.sas7bdat

QMSDF3

CSV file name: qmsdf3_SSCCC.csv
SAS 8 file name: qmsdf3_SSCCC.sas7bdat

Where SS is the state code, and CCC is the county code. These codes are given in the table on the following page.

SSCCC Codes

	County/State	SSCCC Code
1	Pima County, AZ	04019
2	Jefferson County, AR	05069
3	San Francisco County, CA	06075
4	Tulare County, CA	06107
5	Broward County, FL	12011
6	Upson County, GA	13293

7	Lake County, IL	17097
8	Miami County, IN	18103
9	Black Hawk County, IA	19013
10	De Soto Parish, LA	22031
11	Calvert County, MD	24009
12	Hampden County, MA	25013

13	Madison County, MS	28089
14	Iron County, MO	29093
15	Reynolds County, MO	29179
16	Washington County, MO	29221
17	Flathead County, MT	30029
18	Lake County, MT	30047

19	Douglas County, NE	31055
20	Otero County, NM	35035
21	Bronx Borough, NY	36005
22	Rockland County, NY	36087
23	Franklin County, OH	39049
24	Multnomah County, OR	41051

25	Fulton County, PA	42057
26	Schuylkill County, PA	42107
27	Sevier County, TN	47155
28	Fort Bend County, TX	48157
29	Harris County, TX	48201
30	Starr County, TX	48427

31	Zapata County, TX	48505
32	Petersburg City, VA	51730
33	Yakima County, WA	53077
34	Ohio County, WV	54069
35	Oneida County, WI	55085
36	Vilas County, WI	55125

3. DOCUMENTATION NOTES

1. The first record(s) of each file is the county record. The value of the **tract** variable is 000000 for the county level records. All other records on the file are tract records. The value of the **tract** variable for tract records can be in the range 00100 to 999999.
2. In addition to the self-response rates and sample unit nonresponse rates, the QMCF1 and QMSDF1 files contain the sample completeness rates. This quality measure was only computed at the county level. So, the tract level sample completeness rates are blank on these files.
3. The QMCF2 and QMSDF2 files contain the population item allocation rates. The population item allocation rates were broken out by mode (self-response and interviewer-response) at the county level, but not at the tract level. So, the tract level self-response population item allocation rates, and the interviewer-response population item allocation rates are blank on the QMCF2 files.
4. The QMCF3 and QMSDF3 files contain the housing unit item allocation rates. The occupied housing unit item allocation rates were broken out by mode (self-response and interviewer-response) at the county level, but not at the tract level. So, the tract level self-response housing unit item allocation rates, and the interviewer-response housing unit item allocation rates are blank on the QMCF3 files. In addition, since the rates were only broken out by mode for occupied housing units, the tract and county level vacant housing unit self-response item allocation rates, and the interviewer response item allocation rates are blank. All vacant units are assumed to be interviewer-response.
5. In Fort Bend County, Texas and Harris County, Texas some of the tracts will be collapsed into neighborhoods. The record order and file format for these two counties will still be the same as the other counties. The difference is the tract records will instead be the neighborhood record or UDAs.
6. Quality measures with a denominator equal to zero are blank on these files. The associated standard errors are also blank on these files. In addition, if a standard error could not be computed for any reason, it is blank on these files.

4. QUALITY MEASURES COMPARISON FILE 1 LAYOUT

Contents of File: Self-response rates, Unit nonresponse rates, sample completeness rates. For information on how to calculate these rates, see the “Census 2000 Long Form Data and ACS 3-Year Averages Quality Measures Comparison Documentation” or qmdocumentation.dat.

Variable Name	Description	Format
state	Tabulation State Code (FIPS) [Right justified, zero filled] 04 – 55 (See section 2, File Notes, for the 36 state codes used in this analysis.)	A2
county	Tabulation County Code (FIPS) [Right justified, zero filled] 005 – 730 (See section 2, File Notes, for the 36 county codes used in this analysis.)	A3
tract	Census Tract Code 000000 = county level record 00100-999999 = tract level records within the county	A6
Self-response rates		
acs_srr	ACS 3-year average self-response rate	F9.4
acs_srrse	Standard error of ACS 3-year average self-response rate	F9.4
cen_srr	Census 2000 long form self-response rate	F9.4
cen_srrse	Standard error of Census long form self-response rate	F9.4
diff_srr	acs_srr minus cen_srr	F9.4
diff_srrse	Standard error of acs_srr minus cen_srr	F9.4
Sample unit nonresponse rates		
acs_unr	ACS 3-year average sample unit nonresponse rate	F9.4
acs_unrse	Standard error of ACS 3-year average sample unit nonresponse rate	F9.4
cen_unr	Census 2000 sample unit nonresponse rate	F9.4
cen_unrse	Standard error of Census 2000 sample unit nonresponse rate	F9.4
diff_unr	acs_srr minus cen_srr	F9.4
diff_unrse	Standard error of acs_unr minus cen_unr	F9.4

Variable Name	Description	Format
Occupied sample unit nonresponse rates		
acs_ounr	ACS 3-year average occupied sample unit nonresponse rate	F9.4
acs_ounrse	Standard error of ACS 3-year average occupied sample unit nonresponse rate	F9.4
cen_ounr	Census 2000 occupied sample unit nonresponse rate	F9.4
cen_ounrse	Standard error of Census 2000 occupied sample unit nonresponse rate	F9.4
diff_ounr	acs_ounr minus cen_ounr	F9.4
diff_ounrse	Standard error of acs_ounr minus cen_ounr	F9.4
Housing unit sample completeness rates		
acs_hcr	ACS 3-year average housing unit sample completeness rate	F9.4
acs_hcrse	Standard error of ACS 3-year average housing unit sample completeness rate	F9.4
cen_hcr	Census 2000 housing unit sample completeness rate	F9.4
cen_hcrse	Standard error of Census 2000 housing unit sample completeness rate	F9.4
diff_hcr	acs_hcr minus cen_hcr	F9.4
diff_hcrse	Standard error of acs_hcr minus cen_hcr	F9.4
Household population sample completeness rates		
acs_pcr	ACS 3-year average household population sample completeness rate	F9.4
acs_pcrse	Standard error of ACS 3-year average household population sample completeness rate	F9.4
cen_pcr	Census 2000 household population sample completeness rate	F9.4
cen_pcrse	Standard error of Census 2000 household population sample completeness rate	F9.4
diff_pcr	acs_pcr minus cen_pcr	F9.4
diff_pcrse	Standard error of acs_pcr minus cen_pcr	F9.4

5. QUALITY MEASURES COMPARISON FILE 2 LAYOUT

Contents of File: Population item allocation rates. There are 54 comparable population items. For information on how to calculate these rates, see the “Census 2000 Long Form Data and ACS 3-Year Averages Quality Measures Comparison Documentation” or qmdocumentation.dat.

Variable Name	Description	Format
state	Tabulation State Code (FIPS) [Right justified, zero filled] 04 – 55 (See section 2, File Notes, for the 36 state codes used in this analysis.)	A2
county	Tabulation County Code (FIPS) [Right justified, zero filled] 005 – 730 (See section 2, File Notes, for the 36 county codes used in this analysis.)	A3
tract	Census Tract Code 000000 = county level record 00100-999999 = tract level records within the county	A6
item	Population items allocated qrel = Relationship qsex = Sex qage = Age qspan = Hispanic qrace = Race qms = Marital status qattend = School enrollment qgrade = Grade attending qhigh = Educational attainment qspeak = Non-English language qlang = Language spoken qendabil = English ability qpob = Place of birth qcitizen = Citizenship qyr2us = Year of entry qmig = Mobility status qmigst = Migration – state qmigco = Migration – county qmigpl = Migration – place qsense = Vision of hearing difficulty qlmob = Physical difficulty qabmen = Mental difficulty qabphys = Self-care difficulty qabgo = Difficulty going out qabwork = Difficulty working at a job	A12

Variable Name	Description	Format
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qgrandc = Grandchildren living in home
 qrespnsbl = Responsible for grandchildren
 qhowlong = Months responsible for grandchildren
 qmilad = Served in armed forces
 qmil = Periods of military service
 qmiltot = Years of active duty
 qesr = Employment status recode
 qpowst = Place of work – state
 qpowco = Place of work - county
 qpowpl = Place of work – place
 qcommute = Transportation to work
 qcarpol = Carpool size
 qleavetm = Time of departure
 qctime = Commuting time
 qlastwk = When last worked
 qind = Industry
 qocc = Occupation
 qcow = Class of worker
 qwklyrkw = Weeks worked last year
 qwklyrhr = Hours worked each week
 qincwg = Wages & salary income
 qincse = Self-employment income
 qincint = Interest, dividend, etc. income
 qincss = Social security/railroad retirement
 qincssi = Supplemental security income
 qincpa = Public assistance
 qincret = Retirement income
 qincoth = Other income
 qinctsome = All income allocated

Note: There are 54 population items listed on this file. It only contains item allocation rates for population items. QMCF3 contains the item allocation rates for the housing unit items.

Total item allocation rates

acs_tal	ACS 3-year average total item allocation rate	F9.4
acs_talse	Standard error of ACS 3-year average item allocation rate	F9.4
cen_tal	Census 2000 sample total item allocation rate	F9.4
cen_talse	Standard error of Census 2000 sample total item allocation rate	F9.4
diff_tal	acs_tal minus cen_tal	F9.4
diff_talse	Standard error of acs_tal minus cen_tal	F9.4

Self-response item allocation rates

acs_sal	ACS 3-year average self-response item allocation rate	F9.4
acs_salse	Standard error of ACS 3-year average self-response item allocation rate	F9.4
cen_sal	Census 2000 sample self-response item allocation rate	F9.4

Variable Name	Description	Format
cen_salse	Standard error of Census 2000 sample self-response item allocation rate	F9.4
diff_sal	acs_sal minus cen_sal	F9.4
diff_salse	Standard error of acs_sal minus cen_sal	F9.4
Interviewer-response item allocation rates		
acs_ial	ACS 3-year average interviewer-response item allocation rate	F9.4
acs_ialse	Standard error of ACS 3-year average interviewer-response item allocation rate	F9.4
cen_eal	Census 2000 sample enumerator-response item allocation rate	F9.4
cen_ealse	Standard error of Census 2000 sample enumerator-response item allocation rate	F9.4
diff_ial	acs_ial minus cen_eal	F9.4
diff_ialse	Standard error of acs_ial minus cen_eal	F9.4

6. QUALITY MEASURES COMPARISON FILE 3 LAYOUT

Contents of File: Housing unit item allocation rates. There are 29 comparable items for occupied housing units, and 12 comparable items for vacant housing units. For information on how to calculate these rates, see the “Census 2000 Long Form Data and ACS 3-Year Averages Quality Measures Comparison Documentation” or qmdocumentation.dat.

Variable Name	Description	Format
state	Tabulation State Code (FIPS) [Right justified, zero filled] 04 – 55 (See section 2, File Notes, for the 36 state codes used in this analysis.)	A2
county	Tabulation County Code (FIPS) [Right justified, zero filled] 005 – 730 (See section 2, File Notes, for the 36 county codes used in this analysis.)	A3
tract	Census Tract Code 000000 = county level record 00100-999999 = tract level records within the county	A6
occvac	Occupied or vacant housing unit item indicator O = occupied housing unit item allocation rate V = vacant housing unit item allocation rate	A1
item	Housing unit items allocated stenure = Tenure sbldgsz = Units in structure syrbld = Year built smovein = Year moved in sroom = Rooms sbedrm = Bedrooms scplumb = Complete plumbing sckitch = Complete kitchen stel = Telephone sfuel = Heating fuel sautos = Number of vehicles sbiz = Business on property sacres = Lot size sagsales = Agricultural sales selecdx = Electricity cost sgasdx = Gas cost swaterdx = Water and sewer cost soildx = Other fuel cost	A12

Variable Name	Description	Format
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srent = monthly rent
smeals = meals in rent
smortg = mortgage
smortgd = mortgage payment
sinctax = Payment incl property taxes
sincins = payment incl insurance
smortg2d = second mortgage payment
staxd = yearly real estate taxes
sinsd = yearly property insurance
svalue = Value
smhcost = Total cost on mobile home
sisvac = Vacancy Status

Note: This file only contains item allocation rates for housing unit items. QMCF2 contains the item allocation rates for population items. There are 30 housing unit items. Twenty-nine of the 30 housing unit items are computed for occupied housing units (occvac='O'), and 12 are computed for vacant housing units (occvac='O'). The 12 items computed for vacant housing units are bolded. All of the bolded items are also computed for occupied housing units except for vacancy status, which is only computed for vacant housing units.

Total item allocation rates

acs_tal	ACS 3-year average total item allocation rate	F9.4
acs_talse	Standard error of ACS 3-year average item allocation rate	F9.4
cen_tal	Census 2000 sample total item allocation rate	F9.4
cen_talse	Standard error of Census 2000 sample total item allocation rate	F9.4
diff_tal	acs_tal minus cen_tal	F9.4
diff_talse	Standard error of acs_tal minus cen_tal	F9.4

Self-response item allocation rates

acs_sal	ACS 3-year average self-response item allocation rate	F9.4
acs_salse	Standard error of ACS 3-year average self-response item allocation rate	F9.4
cen_sal	Census 2000 sample self-response item allocation rate	F9.4
cen_salse	Standard error of Census 2000 sample self-response item allocation rate	F9.4
diff_sal	acs_sal minus cen_sal	F9.4
diff_salse	Standard error of acs_sal minus cen_sal	F9.4

Interviewer-response item allocation rates

acs_ial	ACS 3-year average interviewer-response item allocation rate	F9.4
acs_ialse	Standard error of ACS 3-year average interviewer-response item allocation rate	F9.4

Variable Name	Description	Format
cen_eal	Census 2000 sample enumerator-response item allocation rate	F9.4
cen_ealse	Standard error of Census 2000 sample enumerator-response item allocation rate	F9.4
diff_ial	acs_ial minus cen_eal	F9.4
diff_ialse	Standard error of acs_ial minus cen_eal	F9.4

7. QUALITY MEASURES SOURCE DATA FILE 1 LAYOUT

Contents of File: ACS single year self-response rates, sample unit nonresponse rates, and sample completeness rates for 1999, 2000, and 2001. Also the numerators and denominators for the Census 2000 long form and ACS single year self-response rates, sample unit nonresponse rates, and sample completeness rates.

Variable Name	Description	Format
state	Tabulation State Code (FIPS) [Right justified, zero filled] 04 – 55 (See section 2, File Notes, for the 36 state codes used in this analysis.)	A2
county	Tabulation County Code (FIPS) [Right justified, zero filled] 005 – 730 (See section 2, File Notes, for the 36 county codes used in this analysis.)	A3
tract	Census Tract Code 000000 = county level record 00100-999999 = tract level records within the county	A6
aw99	Average weights for 1999 (see section 3.2 of quality measures documentation)	I4
aw00	Average weights for 2000 (see section 3.2 of quality measures documentation)	I4
aw01	Average weights for 2001 (see section 3.2 of quality measures documentation)	I4
Self-response rates		
A99_srr	ACS self-response rate for 1999	F9.4
A99_srrse	Standard error for 1999 ACS self-response rate	F9.4
A99_srrn	ACS WSSF weighted count of occupied self-response housing units including self-response noninterviews (numerator) for 1999	F10.2
A99_srrsen	Standard error of A99_srrn (numerator for 1999)	F10.3
A99_srrd	ACS WSSF weighted count of total occupied housing units including noninterviews (denominator) for 1999	F10.2
A99_srrsed	Standard error of A99_srrd (denominator for 1999)	F10.3
A00_srr	ACS self-response rate for 2000	F9.4
A00_srrse	Standard error for 2000 ACS self-response rate	F9.4

Variable Name	Description	Format
A00_srrn	ACS WSSF weighted count of occupied self-response housing units including self-response noninterviews (numerator) for 2000	F10.2
A00_srrsen	Standard error of A00_srrn (numerator for 2000)	F10.3
A00_srrd	ACS WSSF weighted count of total occupied housing units including noninterviews (denominator) for 2000	F10.2
A00_srrsed	Standard error of A00_srrd (denominator for 2000)	F10.3
A01_srr	ACS self-response rate for 2001	F9.4
A01_srrse	Standard error for 2001 ACS self-response rate	F9.4
A01_srrn	ACS WSSF weighted count of occupied self-response housing units including self-response noninterviews (numerator) for 2001	F10.2
A01_srrsen	Standard error of A01_srrn (numerator for 2001)	F10.3
A01_srrd	ACS WSSF weighted count of total occupied housing units including noninterviews (denominator) for 2001	F10.2
A01_srrsed	Standard error of A01_srrd (denominator for 2001)	F10.3
cen_srlu	Census BSAM weighted count of occupied self-response long form housing units enumerated in mailback TEAs (numerator)	I8
cen_olhu	Census BSAM weighted count of occupied long form housing units enumerated in mailback TEAs (denominator)	I8
Sample unit nonresponse rates		
A99_unr	ACS sample unit nonresponse rate for 1999	F9.4
A99_unrse	Standard error for 1999 ACS sample unit nonresponse rate	F9.4
A99_unrn	ACS WSSF weighted count of noninterview units (numerator) for 1999	F10.2
A99_unrsen	Standard error of A99_unrn (numerator for 1999)	F10.3
A99_unrd	ACS WSSF weighted count of total housing units (denominator) for 1999	F10.2
A99_unrsed	Standard error of A99_unrd (denominator for 1999)	F10.3
A00_unr	ACS sample unit nonresponse rate for 2000	F9.4
A00_unrse	Standard error for 2000 ACS sample unit nonresponse rate	F9.4
A00_unrn	ACS WSSF weighted count of noninterview units (numerator) for 2000	F10.2

Variable Name	Description	Format
A00_unrsen	Standard error of A00_unrn (numerator for 2000)	F10.3
A00_unrd	ACS WSSF weighted count of total housing units (denominator) for 2000	F10.2
A00_unrsed	Standard error of A00_unrd (denominator for 2000)	F10.3
A01_unr	ACS sample unit nonresponse rate for 2001	F9.4
A01_unrse	Standard error for 2001 ACS sample unit nonresponse rate	F9.4
A01_unrn	ACS WSSF weighted count of noninterview units (numerator) for 2001	F10.2
A01_unrsen	Standard error of A01_unrn (numerator for 2001)	F10.3
A01_unrd	ACS WSSF weighted count of total housing units (denominator) for 2001	F10.2
A01_unrsed	Standard error of A01_unrd (denominator for 2001)	F10.3
cen_tothu	Census total housing units	I8
cen_ddhu	Census 2000 BSAM weighted count of long form sample data defined housing units	I8
Occupied sample unit nonresponse rates		
A99_ounr	ACS occupied sample unit nonresponse rate for 1999	F9.4
A99_ounrse	Standard error for 1999 ACS occupied sample unit nonresponse rate	F9.4
A99_ounrn	ACS WSSF weighted count of occupied noninterview units (numerator) for 1999	F10.2
A99_ounrsen	Standard error of A99_ounrn (numerator for 1999)	F10.3
A99_ounrd	ACS WSSF weighted count of total occupied housing units (denominator) for 1999	F10.2
A99_ounrsed	Standard error of A99_ounrd (denominator for 1999)	F10.3
A00_ounr	ACS occupied sample unit nonresponse rate for 2000	F9.4
A00_ounrse	Standard error for 2000 ACS occupied sample unit nonresponse rate	F9.4
A00_ounrn	ACS WSSF weighted count of occupied noninterview units (numerator) for 2000	F10.2
A00_ounrsen	Standard error of A00_ounrn (numerator for 2000)	F10.3
A00_ounrd	ACS WSSF weighted count of total occupied housing units (denominator) for 2000	F10.2
A00_ounrsed	Standard error of A00_ounrd (denominator for 2000)	F10.3
A01_ounr	ACS occupied sample unit nonresponse rate for 2001	F9.4

Variable Name	Description	Format
A01_ounrse	Standard error for 2001 ACS occupied sample unit nonresponse rate	F9.4
A01_ounrn	ACS WSSF weighted count of occupied noninterview units (numerator) for 2001	F10.2
A01_ounrsen	Standard error of A01_ounrn (numerator for 2001)	F10.3
A01_ounrd	ACS WSSF weighted count of total occupied housing units (denominator) for 2001	F10.2
A01_ounrsed	Standard error of A01_ounrd (denominator for 2001)	F10.3
cen_occhu	Census 2000 occupied housing units	I8
cen_oddhu	Census 2000 BSAM weighted count of long form occupied sample data defined housing units	I8
Housing unit sample completeness rates		
A99_hcr	ACS housing unit completeness rate for 1999	F9.4
A99_hcrse	Standard error for 1999 ACS housing unit completeness rate	F9.4
A99_huc	ACS final total housing units (denominator) for 1999	I10
A99_huw	ACS WSSF weighted total housing units (numerator) for 1999	F10.2
A00_hcr	ACS housing unit sample completeness rate for 2000	F9.4
A00_hcrse	Standard error for 2000 ACS housing unit sample completeness rate	F9.4
A00_huc	ACS final total housing units (denominator) for 2000	I10
A00_huw	ACS WSSF weighted total housing units (numerator) for 2000	F10.2
A01_hcr	ACS housing unit sample completeness rate for 2001	F9.4
A01_hcrse	Standard error for 2001 ACS housing unit sample completeness rate	F9.4
A01_huc	ACS final total housing units (denominator) for 2001	I10
A01_huw	ACS WSSF weighted total housing units (numerator) for 2001	F10.2
Household population sample completeness rates		
A99_pcr	ACS household population sample completeness rate for 1999	F9.4
A99_pcrse	Standard error for 1999 ACS household population sample completeness rate	F9.4
A99_pc	ACS final household population (denominator) for 1999	I10

Variable Name	Description	Format
A99_pw	ACS WSSF weighted household population (numerator) for 1999	F10.2
A00_pcr	ACS household population sample completeness rate for 2000	F9.4
A00_pcse	Standard error for 2000 ACS household population sample completeness rate	F9.4
A00_pc	ACS final household population (denominator) for 2000	I10
A00_pw	ACS WSSF weighted household population (numerator) for 2000	F10.2
A01_pcr	ACS household population sample completeness rate for 2001	F9.4
A01_pcse	Standard error for 2001 ACS household population sample completeness rate	F9.4
A01_pc	ACS final household population (denominator) for 2001	I10
A01_pw	ACS WSSF weighted household population (numerator) for 2001	F10.2
cen_totp	Census 2000 total household population (denominator)	I8
cen_lfp	Census 2000 BSAM weighted count of long form household population in sample data defined housing units (numerator).	I8
dfh	Design factor used to calculate standard errors for Census 2000 long form self-response rates, sample unit nonresponse rates, and housing unit sample completeness rates	F7.5
dfp	Design factor used to calculate standard errors for the Census 2000 household population sample completeness rates	F7.5

8. QUALITY MEASURES SOURCE DATA FILE 2 LAYOUT

Contents of File: ACS single year population item allocation rates for 1999, 2000, and 2001. Also the numerators and denominators for the Census 2000 long form and ACS single year population item allocation rates.

Variable Name	Description	Format
state	Tabulation State Code (FIPS) [Right justified, zero filled] 04 – 55 (See section 2, File Notes, for the 36 state codes used in this analysis.)	A2
county	Tabulation County Code (FIPS) [Right justified, zero filled] 005 – 730 (See section 2, File Notes, for the 36 county codes used in this analysis.)	A3
tract	Census Tract Code 000000 – county level record 00100-999999 – tract level records within the county	A6
item	Population items allocated qrel = Relationship qsex = Sex qage = Age qspan = Hispanic qrace = Race qms = Marital status qattend = School enrollment qgrade = Grade attending qhigh = Educational attainment qspeak = Non-English language qlang = Language spoken qendabil = English ability qpob = Place of birth qcitizen = Citizenship qyr2us = Year of entry qmig = Mobility status qmigst = Migration – state qmigco = Migration – county qmigpl = Migration – place qsense = Vision of hearing difficulty qlmob = Physical difficulty qabmen = Mental difficulty qabphys = Self-care difficulty qabgo = Difficulty going out qabwork = Difficulty working at a job	A12

Variable Name	Description	Format
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qgrandc = Grandchildren living in home
 qrespnsbl = Responsible for grandchildren
 qhowlong = Months responsible for grandchildren
 qmilad = Served in armed forces
 qmil = Periods of military service
 qmiltot = Years of active duty
 qesr = Employment status recode
 qpowst = Place of work – state
 qpowco = Place of work - county
 qpowpl = Place of work – place
 qcommute = Transportation to work
 qcarpol = Carpool size
 qleavetm = Time of departure
 qctime = Commuting time
 qlastwk = When last worked
 qind = Industry
 qocc = Occupation
 qcow = Class of worker
 qwklyrwk = Weeks worked last year
 qwklyrhr = Hours worked each week
 qincwg = Wages & salary income
 qincse = Self-employment income
 qincint = Interest, dividend, etc. income
 qincss = Social security/railroad retirement
 qincssi = Supplemental security income
 qincpa = Public assistance
 qincret = Retirement income
 qincoth = Other income
 qinctsome = All income allocated

Note: This file contains the source data for the population item allocation rates only. QMSDF3 contains the source data for the housing unit item allocation rates. There are 54 population items listed.

aw99	Average weights for 1999 (see section 3.2 of quality measures documentation)	I4
aw00	Average weights for 2000 (see section 3.2 of quality measures documentation)	I4
aw01	Average weights for 2001 (see section 3.2 of quality measures documentation)	I4

Total item allocation rates

A99_tal	ACS total item allocation rate for 1999	F9.4
A99_talse	Standard error of ACS total item allocation rate for 1999	F9.4
A99_tot	ACS final weighted total of persons/units in the universe (denominator) for 1999	F10.2
A99_totse	Standard error of A99_tot (denominator for 1999)	F10.3

Variable Name	Description	Format
A99_altot	ACS final weighted total persons/units with that item allocated (numerator) for 1999	F10.2
A99_altotse	Standard error of A99_altot (numerator for 1999)	F10.3
A00_tal	ACS total item allocation rate for 2000	F9.4
A00_talse	Standard error of ACS total item allocation rate for 2000	F9.4
A00_tot	ACS final weighted total of persons/units in the universe (denominator) for 2000	F10.2
A00_totse	Standard error of A00_tot (denominator for 2000)	F10.3
A00_altot	ACS final weighted total persons/units with that item allocated (numerator) for 2000	F10.2
A00_altotse	Standard error of A00_altot (numerator for 2000)	F10.3
A01_tal	ACS total item allocation rate for 2001	F9.4
A01_talse	Standard error of ACS total item allocation rate for 2001	F9.4
A01_tot	ACS final weighted total of persons/units in the universe (denominator) for 2001	F10.2
A01_totse	Standard error of A01_tot (denominator for 2001)	F10.3
A01_altot	ACS final weighted total persons/units with that item allocated (numerator) for 2001	F10.2
A01_altotse	Standard error of A01_altot (numerator for 2001)	F10.3
cen_tot	Census 2000 sample final weighted total persons/units in the universe (denominator)	I10
cen_altot	Census 2000 sample final weighted total persons/units with that item allocated (numerator)	I9
Self-response item allocation rates		
A99_sal	ACS self-response item allocation rate for 1999	F9.4
A99_salse	Standard error of ACS self-response item allocation rate for 1999	F9.4
A99_stot	ACS final weighted total of persons/units in the universe (denominator) for 1999, which were self-respondents	F10.2
A99_stotse	Standard error of A99_stot (denominator for 1999)	F10.3
A99_saltot	ACS final weighted total persons/units with that item allocated (numerator) for 1999, which were self-respondents	F10.2
A99_saltotse	Standard error of A99_saltot (numerator for 1999)	F10.3
A00_sal	ACS self-response item allocation rate for 2000	F9.4
A00_salse	Standard error of ACS self-response item allocation rate for 2000	F9.4

Variable Name	Description	Format
A00_stot	ACS final weighted total of persons/units in the universe (denominator) for 2000, which were self-respondents	F10.2
A00_stotse	Standard error of A00_stot (denominator for 2000)	F10.3
A00_saltot	ACS final weighted total persons/units with that item allocated (numerator) for 2000, which were self-respondents	F10.2
A00_saltotse	Standard error of A00_saltot (numerator for 2000)	F10.3
A01_sal	ACS self-response item allocation rate for 2001	F9.4
A01_salse	Standard error of ACS self-response item allocation rate for 2001	F9.4
A01_stot	ACS final weighted total of persons/units in the universe (denominator) for 2001, which were self-respondents	F10.2
A01_stotse	Standard error of A01_stot (denominator for 2001)	F10.3
A01_saltot	ACS final weighted total persons/units with that item allocated (numerator) for 2001, which were self-respondents	F10.2
A01_saltotse	Standard error of A01_saltot (numerator for 2001)	F10.3
cen_stot	Census 2000 sample final weighted total persons/units in the universe, which were self-respondents (denominator)	I10
cen_saltot	Census 2000 sample final weighted total persons/units with that item allocated, which were self-respondents (numerator)	I9
Interviewer-response item allocation rates		
A99_ial	ACS interviewer-response item allocation rate for 1999	F9.4
A99_ialse	Standard error of ACS interviewer-response item allocation rate for 1999	F9.4
A99_itot	ACS final weighted total of persons/units in the universe (denominator) for 1999, which were interviewer-respondents	F10.2
A99_itotse	Standard error of A99_itot (denominator for 1999)	F10.3
A99_ialtot	ACS final weighted total persons/units with that item allocated (numerator) for 1999, which were interviewer-respondents	F10.2
A99_ialtotse	Standard error of A99_ialtot (numerator for 1999)	F10.3
A00_ial	ACS interviewer-response item allocation rate for 2000	F9.4
A00_ialse	Standard error of ACS interviewer-response item allocation rate for 2000	F9.4

Variable Name	Description	Format
A00_itot	ACS final weighted total of persons/units in the universe (denominator) for 2000, which were interviewer-respondents	F10.2
A00_itotse	Standard error of A00_itot (denominator for 2000)	F10.3
A00_ialtot	ACS final weighted total persons/units with that item allocated (numerator) for 2000, which were interviewer-respondents	F10.2
A00_ialtotse	Standard error of A00_ialtot (numerator for 2000)	F10.3
A01_ial	ACS interviewer-response item allocation rate for 2001	F9.4
A01_ialse	Standard error ACS interviewer-response item allocation rate for 2001	F9.4
A01_itot	ACS final weighted total of persons/units in the universe (denominator) for 2001, which were interviewer-respondents	F10.2
A01_itotse	Standard error of A01_itot (denominator for 2001)	F10.3
A01_ialtot	ACS final weighted total persons/units with that item allocated (numerator) for 2001, which were interviewer-respondents	F10.2
A01_ialtotse	Standard error of A01_ialtot (numerator for 2001)	F10.3
cen_etot	Census 2000 sample final weighted total persons/units in the universe, which were enumerator-respondents (denominator)	I10
cen_ealtot	Census 2000 sample final weighted total persons/units with that item allocated, which were enumerator-respondents (numerator)	I9
dfp	Design factor used to calculate the standard error for the Census 2000 sample population item allocation rate	F7.5

9. QUALITY MEASURES SOURCE DATA FILE 3 LAYOUT

Contents of File: ACS single year housing unit item allocation rates for 1999, 2000, and 2001. Also the numerators and denominators for the Census 2000 long form and ACS single year housing unit item allocation rates.

Variable Name	Description	Format
state	Tabulation State Code (FIPS) [Right justified, zero filled] 04 – 55 (See section 2, File Notes, for the 36 state codes used in this analysis.)	A2
county	Tabulation County Code (FIPS) [Right justified, zero filled] 005 – 730 (See section 2, File Notes, for the 36 county codes used in this analysis.)	A3
tract	Census Tract Code 000000 – county level record 00100-999999 – tract level records within the county	A6
occvac	Occupied or vacant housing unit item indicator O= occupied housing unit item allocation rate V = vacant housing unit item allocation rate	A1
item	Housing unit item allocated stenure = Tenure sbldgsz = Units in structure syrbld = Year built smovein = Year moved in sroom = Rooms sbedrm = Bedrooms splumb = Complete plumbing sckitch = Complete kitchen stel = Telephone sfuel = Heating fuel sautos = Number of vehicles sbiz = Business on property sacres = Lot size sagsales = Agricultural sales selecdx = Electricity cost sgasdx = Gas cost swaterdx = Water and sewer cost soildx = Other fuel cost srent = monthly rent smeals = meals in rent	A12

Variable Name	Description	Format
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smortg = mortgage
smortgd = mortgage payment
sinctax = Payment incl property taxes
sincins = payment incl insurance
smortg2d = second mortgage payment
staxd = yearly real estate taxes
sinsd = yearly property insurance
svalue = Value
smhcost = Total cost on mobile home
sisvac = Vacancy Status

Note: This file contains the source data for the housing unit item allocation rates only. QMSDF2 contains the population item allocation rates. There are 30 housing unit items. Twenty-nine of the 30 housing unit items are computed for occupied housing units (occvac='O'), and 12 are computed for vacant housing units (occvac='V'). The 12 items computed for vacant housing units are bolded. All of the bolded items are also computed for occupied housing units except for vacancy status, which is only computed for vacant housing units.

aw99	Average weights for 1999 (see section 3.2 of quality measures documentation)	I4
aw00	Average weights for 2000 (see section 3.2 of quality measures documentation)	I4
aw01	Average weights for 2001 (see section 3.2 of quality measures documentation)	I4

Total item allocation rates

A99_tal	ACS total item allocation rate for 1999	F9.4
A99_talse	Standard error of ACS total item allocation rate for 1999	F9.4
A99_tot	ACS final weighted total of persons/units in the universe (denominator) for 1999	F10.2
A99_totse	Standard error of A99_tot (denominator for 1999)	F10.3
A99_altot	ACS final weighted total persons/units with that item allocated (numerator) for 1999	F10.2
A99_altotse	Standard error of A99_altot (numerator for 1999)	F10.3
A00_tal	ACS total item allocation rate for 2000	F9.4
A00_talse	Standard error of ACS total item allocation rate for 2000	F9.4
A00_tot	ACS final weighted total of persons/units in the universe (denominator) for 2000	F10.2
A00_totse	Standard error of A00_tot (denominator for 2000)	F10.3
A00_altot	ACS final weighted total persons/units with that item allocated (numerator) for 2000	F10.2

Variable Name	Description	Format
A00_altotse	Standard error of A00_altot (numerator for 2000)	F10.3
A01_tal	ACS total item allocation rate for 2001	F9.4
A01_talse	Standard error of ACS total item allocation rate for 2001	F9.4
A01_tot	ACS final weighted total of persons/units in the universe (denominator) for 2001	F10.2
A01_totse	Standard error of A01_tot (denominator for 2001)	F10.3
A01_altot	ACS final weighted total persons/units with that item allocated (numerator) for 2001	F10.2
A01_altotse	Standard error of A01_altot (numerator for 2001)	F10.3
cen_tot	Census 2000 sample final weighted total persons/units in the universe (denominator)	I10
cen_altot	Census 2000 sample final weighted total persons/units with that item allocated (numerator)	I9
Self-response item allocation rates		
A99_sal	ACS self-response item allocation rate for 1999	F9.4
A99_salse	Standard error of ACS self-response item allocation rate for 1999	F9.4
A99_stot	ACS final weighted total of persons/units in the universe (denominator) for 1999, which were self-respondents	F10.2
A99_stotse	Standard error of A99_stot (denominator for 1999)	F10.3
A99_saltot	ACS final weighted total persons/units with that item allocated (numerator) for 1999, which were self-respondents	F10.2
A99_saltotse	Standard error of A99_saltot (numerator for 1999)	F10.3
A00_sal	ACS self-response item allocation rate for 2000	F9.4
A00_salse	Standard error of ACS self-response item allocation rate for 2000	F9.4
A00_stot	ACS final weighted total of persons/units in the universe (denominator) for 2000, which were self-respondents	F10.2
A00_stotse	Standard error of A00_stot (denominator for 2000)	F10.3
A00_saltot	ACS final weighted total persons/units with that item allocated (numerator) for 2000, which were self-respondents	F10.2
A00_saltotse	Standard error of A00_saltot (numerator for 2000)	F10.3
A01_sal	ACS self-response item allocation rate for 2001	F9.4
A01_salse	Standard error of ACS self-response item allocation rate for 2001	F9.4

Variable Name	Description	Format
A01_stot	ACS final weighted total of persons/units in the universe (denominator) for 2001, which were self-respondents	F10.2
A01_stotse	Standard error of A01_stot (denominator for 2001)	F10.3
A01_saltot	ACS final weighted total persons/units with that item allocated (numerator) for 2001, which were self-respondents	F10.2
A01_saltotse	Standard error of A01_saltot (numerator for 2001)	F10.3
cen_stot	Census 2000 sample final weighted total persons/units in the universe, which were self-respondents (denominator)	I10
cen_saltot	Census 2000 sample final weighted total persons/units with that item allocated, which were self-respondents (numerator)	I9
Interviewer-response item allocation rates		
A99_ial	ACS interviewer-response item allocation rate for 1999	F9.4
A99_ialse	Standard error of ACS interviewer-response item allocation rate for 1999	F9.4
A99_itot	ACS final weighted total of persons/units in the universe (denominator) for 1999, which were interviewer-respondents	F10.2
A99_itotse	Standard error of A99_itot (denominator for 1999)	F10.3
A99_ialtot	ACS final weighted total persons/units with that item allocated (numerator) for 1999, which were interviewer-respondents	F10.2
A99_ialtotse	Standard error of A99_ialtot (numerator for 1999)	F10.3
A00_ial	ACS interviewer-response item allocation rate for 2000	F9.4
A00_ialse	Standard error of ACS interviewer-response item allocation rate for 2000	F9.4
A00_itot	ACS final weighted total of persons/units in the universe (denominator) for 2000, which were interviewer-respondents	F10.2
A00_itotse	Standard error of A00_itot (denominator for 2000)	F10.3
A00_ialtot	ACS final weighted total persons/units with that item allocated (numerator) for 2000, which were interviewer-respondents	F10.2
A00_ialtotse	Standard error of A00_ialtot (numerator for 2000)	F10.3
A01_ial	ACS interviewer-response item allocation rate for 2001	F9.4

Variable Name	Description	Format
A01_ialse	Standard error ACS interviewer-response item allocation rate for 2001	F9.4
A01_itot	ACS final weighted total of persons/units in the universe (denominator) for 2001, which were interviewer-respondents	F10.2
A01_itotse	Standard error of A01_itot (denominator for 2001)	F10.3
A01_ialtot	ACS final weighted total persons/units with that item allocated (numerator) for 2001, which were interviewer-respondents	F10.2
A01_ialtotse	Standard error of A01_ialtot (numerator for 2001)	F10.3
Cen_etot	Census 2000 sample final weighted total persons/units in the universe, which were enumerator-respondents (denominator)	I10
cen_ealtot	Census 2000 sample final weighted total persons/units with that item allocated, which were enumerator-respondents (numerator)	I9
dfh	Design factor used to calculate the standard error for the Census 2000 sample housing unit item allocation rate	F7.5