# Proposed Format Change to Simplify the ACS Summary File

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# The American Community Survey The Foundation

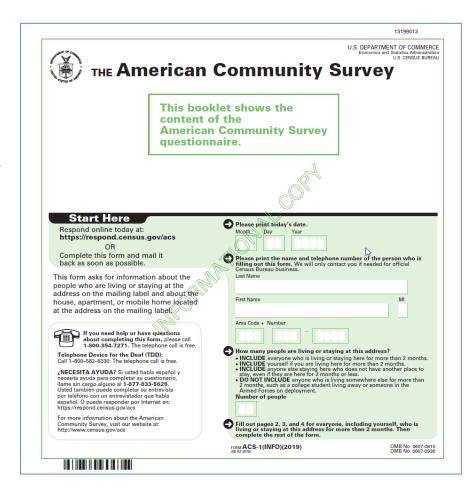
- Quick introduction to the ACS and its Summary File
- Overview of the beta format proposal and feedback
- Live demo of the new format
- Resources and feedback
- Questions



# The American Community Survey The Foundation

### The American Community Survey is on the leading edge of survey design, continuous improvement, and data quality

- The nation's most current, reliable, and accessible data source for local statistics on critical planning topics such as age, children, veterans, commuting, education, income, and employment
- Surveys 3.5 million addresses and informs over \$675 billion of Federal government spending each year
- Covers 40+ topics, supports over 300 evidence-based Federal government uses, and produces 11 billion estimates each year
- Three key annual data releases:
  - 1-year Estimates (for large populations)
  - 1-year Supplemental Estimates (for small populations)
  - 5-year Estimates (for very small populations)





# The American Community Survey Background of the Current Summary File

### The ACS Summary File:

- is a set of comma-delimited text files that contain all of the ACS Detailed Tables
- 3 files: estimates, margins of error, and geography files
- found in the FTP site, accessible through the Summary File Data page

### The problem with the current format:

- confusing for data users
- extra work for ACS staff to support two different deliveries



# The American Community Survey Overview of the New Format - General

### **Proposed change:**

- ACS Summary File will now be <u>one</u> delivery
- Split by table ID (no longer split by state and sequence number)
- Therefore 1 file for each table containing estimates, MOEs, for all geographies

### **Benefits of the change:**

- For Data Users:
  - Estimates and margins of error for each table are combined into one file
  - All geography identifiers and labels combined into one file
  - Simplified documentation
- For Census Bureau:
  - Save time and resources



The American Community Survey Release Plan

The new format is a beta version only.

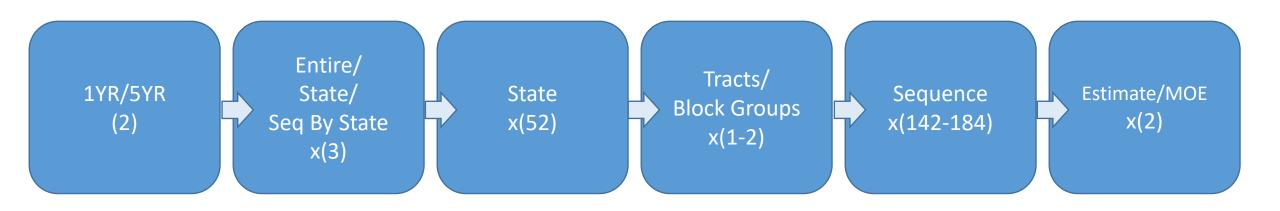
The beta version will be released in parallel with the regular 2019 ACS Summary File production file this December.

There are no changes for the regular 2019 ACS Summary File production file itself planned at this time, and it is not a final decision for the 2020 ACS Summary File.



# The American Community Survey Overview of the New Format - Detailed

### ACS Produces over 140,000 files for the summary file each year



https://www2.census.gov/programs-surveys/acs/summary\_file/2018/data/



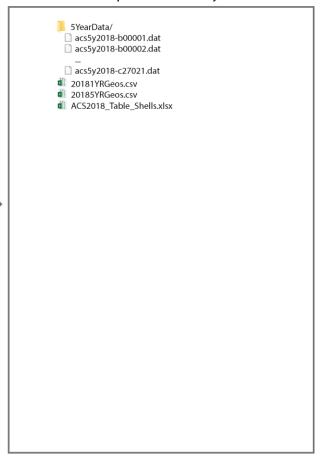
### The American Community Survey

#### Overview of the New Format - Detailed

#### **Current Summary File**



#### **Proposed Summary File**





# The American Community Survey Overview of the New Format - Detailed

#### Figure 2.7. Excerpt of Estimate File for the State of Maryland ACSSF,2017e1,md,000,0038 0000001,2804022,2389014,2135024,253990,192590,33311,28089,153222, ACSSF.2017e1.md.000.0038 0000012 291454.264734.240994.23740.17901.3456.2383.4263.3555.288.8 ACSSF,2017e1,md,000,0038 0000013 368593,319033,286262,32771,27160,3310,2301,19414,17889,0,1 ACSSF,2017e1,md,000,0038,0000015,,,,,,,,,,,,,,,,,,,,,,,,,,,,,55677,1577,5974,8536,8636,7698,4 ACSSF,2017e1,md,000,0038,0000016,...,33645,1616,2924,5013,4548,6590,2 ACSSF,2017e1,md,000,0038,0000017,,,,,,,,,,,,,,,,,,,,,,41962,352,2464,7056,5652,5320,32 Source: U.S. Census Bureau, 2017 ACS Summary File, e20171md0038000.txt, <a href="https://www2.census.gov/programs-surveys/acs">https://www2.census.gov/programs-surveys/acs</a> /summary file/2017/data/1 year seg by state/Maryland/>.



### The American Community Survey

#### Overview of the New Format - Detailed

#### B01001A: SEX By AGE (WHITE ALONE) 2018 5YR

```
#GEO ID|B01001A 001E|B01001A 001M|B01001A 002E|B01001A 002M|B01001A 003
 0100000US|234904818|49642|116135803|26875|6716284|6458|6908776|13637|72:
 0100001US|180998817|78005|88920822|40785|5285425|8061|5313378|13189|548
 0100043US|53906001|53919|27214981|30714|1430859|6007|1595398|8506|17384
 0100089US|377642|2875|192050|1647|9839|431|9977|360|11066|411|6914|292|
6 0100090US|161|60|76|39|12|11|8|9|8|10|0|11|0|11|7|9|3|5|14|13|7|7|4|6|7
 0100091US | 1866434 | 2847 | 923102 | 1765 | 53724 | 510 | 56563 | 937 | 57726 | 887 | 35621 |
 0100092US|40661|515|19643|327|857|105|830|85|859|73|657|63|253|36|858|9
 0100093US|162793|984|85665|665|5032|121|5028|255|5733|279|3299|104|1726
  0100094US|596611|4056|293928|2238|18613|538|18334|693|18340|727|10860|4
  0100095US|1436|141|690|81|16|10|17|17|17|13|33|41|10|10|37|21|16|11|61|:
 01000A0US|219393848|50922|108368101|27881|6295583|6437|6452003|13588|67
  01000C0US|196200397|51105|96827340|28172|5640677|6319|5763077|12408|603
  01000C1US | 64646889 | 39580 | 31965850 | 26639 | 1924976 | 7678 | 1793180 | 8480 | 17531
  01000C2US|131553508|41783|64861490|29071|3715701|8480|3969897|11084|427
  01000E0US|23193451|8382|11540761|5368|654906|1812|688926|4752|719025|45
```



# The American Community Survey Live Demo of the New Format

### Live Demo of the Test Format



# The American Community Survey Resources and Feedback on the New Format

Access all necessary information on the Updates to the ACS Summary File webpage at:

www.census.gov/updates-acs-summary-file

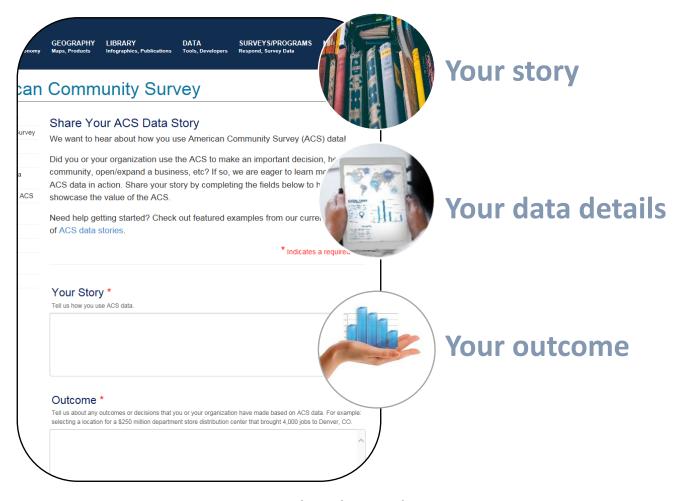
To provide feedback, comment on the "Proposed changes to the ACS Summary File format" discussion form in the ACS Data Users Group site, or send an email to <a href="mailto:acso.users.support@census.gov">acso.users.support@census.gov</a> with the subject "ACS SF Feedback".

Feedback due Friday, November 13, 2020.



### The American Community Survey

#### Data Tell Stories. Tell us Yours!





census.gov/acs/www/share-your-story

# The American Community Survey Continue the Conversation



Sign up for and manage alerts at https://public.govdelivery.com/accounts/USCENSUS/subscriber/new



Social media: @uscensusbureau #ACSdata



More information online: census.gov/acs



acso.users.support@census.gov



Census Customer Service Center 800-923-8282



Source Us:

U.S. Census Bureau's [YYYY – YYYY] American Community Survey [1/3/5]-year [estimates/statistics/data release]



The American Community Survey Questions?

Questions?

Please submit any questions through the webinar's question box.

Feedback goes to: "Proposed changes to the ACS Summary File format" discussion thread -or- acso.users.support@census.gov with the subject "ACS SF Feedback" by Friday, November 13, 2020.

Webpage link:

www.census.gov/updates-acs-summary-file

