

From: Gardner, Laura M
Sent: Tuesday, October 25, 2016 10:44 AM
To: Poisson, Mary T
Subject: RE: Information to use at our Education Committee meeting on Wednesday

Hi Terry,

Attached is some data from the Census. In addition, is some AACPS data on languages below. Hope this helps! Laura

Data in the ELA app (ESOL department's database), which asks students for their home language. When I pull the "student language counts" spreadsheet and add them all up, the total is 9,331 unique students.

Of those 9,331:

- Spanish=6,251
- Urdu=338
- Vietnamese=223
- Chinese/Mandarin = 262
- Korean=171
- Arabic=171
- Yoruba=117
- Many other languages (about 100 total)

From SMS: we have 7,980 students with at least one parent or contact who speaks a language other than English.

Of those 7,980:

- Spanish = 6453
- Urdu= 187
- Vietnamese = 164
- Chinese/Mandarin = 153
- Korean=120
- Arabic=116
- Tagalog=76
- Tagalog=186
- Yoruba=23

As you can see, even though it's a bit of apples/oranges, I find it hard to reconcile this data between SMS and the ELA App. For example, only 187 students have a parent who speaks Urdu, but then we have in our records that 338 students speak Urdu?? Doesn't make sense that we'd have over 100 students who speak Urdu but their parents don't. Use whatever you'd like to use. 😊 I usually rely on the ELA App data the most because I don't trust the school registrars are capturing the parents' home languages properly. Thanks, Laura



ARIZONA

NEW MEXICO

OKLAHOMA

ARKANSAS

TENNESSEE

NORTH CAROLINA

SOUTH CAROLINA

B16001

LANGUAGE SPOKEN AT HOME BY ABILITY TO SPEAK ENGLISH FOR THE POPULATION 5 YEARS AND OVER

Universe: Population 5 years and over

2010-2014 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

	Anne Arundel County, Maryland	
	Estimate	Margin of Error
Total:	515,174	+/-48
Speak only English	461,254	+/-1,701
Spanish or Spanish Creole:	25,493	+/-1,164
Speak English "very well"	15,537	+/-992
Speak English less than "very well"	9,956	+/-1,073
French (incl. Patois, Cajun):	2,395	+/-447
Speak English "very well"	2,021	+/-434
Speak English less than "very well"	374	+/-167
French Creole:	201	+/-153
Speak English "very well"	115	+/-87
Speak English less than "very well"	86	+/-127
Italian:	749	+/-193
Speak English "very well"	623	+/-165
Speak English less than "very well"	126	+/-73
Portuguese or Portuguese Creole:	814	+/-440
Speak English "very well"	639	+/-357
Speak English less than "very well"	175	+/-114
German:	2,236	+/-408
Speak English "very well"	1,967	+/-365
Speak English less than "very well"	269	+/-105
Yiddish:	0	+/-28
Speak English "very well"	0	+/-28
Speak English less than "very well"	0	+/-28
Other West Germanic languages:	220	+/-142
Speak English "very well"	172	+/-132
Speak English less than "very well"	48	+/-40
Scandinavian languages:	93	+/-62
Speak English "very well"	93	+/-62
Speak English less than "very well"	0	+/-28
Greek:	951	+/-313
Speak English "very well"	831	+/-276
Speak English less than "very well"	120	+/-84
Russian:	613	+/-317

	Anne Arundel County, Maryland	
	Estimate	Margin of Error
Speak English "very well"	510	+/-284
Speak English less than "very well"	103	+/-63
Polish:	567	+/-225
Speak English "very well"	407	+/-172
Speak English less than "very well"	160	+/-86
Serbo-Croatian:	184	+/-136
Speak English "very well"	126	+/-93
Speak English less than "very well"	58	+/-94
Other Slavic languages:	331	+/-133
Speak English "very well"	240	+/-104
Speak English less than "very well"	91	+/-77
Armenian:	104	+/-78
Speak English "very well"	104	+/-78
Speak English less than "very well"	0	+/-28
Persian:	260	+/-150
Speak English "very well"	256	+/-150
Speak English less than "very well"	4	+/-7
Gujarati:	442	+/-255
Speak English "very well"	322	+/-203
Speak English less than "very well"	120	+/-107
Hindi:	652	+/-283
Speak English "very well"	405	+/-186
Speak English less than "very well"	247	+/-183
Urdu:	1,203	+/-447
Speak English "very well"	800	+/-343
Speak English less than "very well"	403	+/-155
Other Indic languages:	816	+/-382
Speak English "very well"	441	+/-221
Speak English less than "very well"	375	+/-216
Other Indo-European languages:	481	+/-248
Speak English "very well"	390	+/-221
Speak English less than "very well"	91	+/-78
Chinese:	2,201	+/-480
Speak English "very well"	1,421	+/-394
Speak English less than "very well"	780	+/-242
Japanese:	530	+/-210
Speak English "very well"	430	+/-185
Speak English less than "very well"	100	+/-55
Korean:	2,842	+/-491
Speak English "very well"	1,234	+/-256
Speak English less than "very well"	1,608	+/-314
Mon-Khmer, Cambodian:	113	+/-105
Speak English "very well"	57	+/-59
Speak English less than "very well"	56	+/-50
Hmong:	0	+/-28
Speak English "very well"	0	+/-28
Speak English less than "very well"	0	+/-28
Thai:	207	+/-138
Speak English "very well"	108	+/-94
Speak English less than "very well"	99	+/-66
Laotian:	71	+/-71
Speak English "very well"	71	+/-71
Speak English less than "very well"	0	+/-28
Vietnamese:	1,245	+/-405
Speak English "very well"	627	+/-269
Speak English less than "very well"	618	+/-274
Other Asian languages:	1,267	+/-360
Speak English "very well"	907	+/-277
Speak English less than "very well"	360	+/-144

	Anne Arundel County, Maryland	
	Estimate	Margin of Error
Tagalog:	3,297	+/-692
Speak English "very well"	2,382	+/-616
Speak English less than "very well"	915	+/-295
Other Pacific Island languages:	152	+/-85
Speak English "very well"	121	+/-80
Speak English less than "very well"	31	+/-29
Navajo:	9	+/-14
Speak English "very well"	9	+/-14
Speak English less than "very well"	0	+/-28
Other Native North American languages:	7	+/-13
Speak English "very well"	7	+/-13
Speak English less than "very well"	0	+/-28
Hungarian:	93	+/-80
Speak English "very well"	93	+/-80
Speak English less than "very well"	0	+/-28
Arabic:	765	+/-349
Speak English "very well"	559	+/-320
Speak English less than "very well"	206	+/-129
Hebrew:	244	+/-136
Speak English "very well"	230	+/-134
Speak English less than "very well"	14	+/-22
African languages:	1,933	+/-518
Speak English "very well"	1,614	+/-483
Speak English less than "very well"	319	+/-149
Other and unspecified languages:	139	+/-122
Speak English "very well"	107	+/-115
Speak English less than "very well"	32	+/-49

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Methodological changes to data collection in 2013 may have affected language data for 2013. Users should be aware of these changes when using multi-year data containing data from 2013.

While the 2010-2014 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '***' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.

8. An '(X)' means that the estimate is not applicable or not available.



B16007

AGE BY LANGUAGE SPOKEN AT HOME FOR THE POPULATION 5 YEARS AND OVER

Universe: Population 5 years and over
2015 American Community Survey 1-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

	Anne Arundel County, Maryland	
	Estimate	Margin of Error
Total:	528,581	+/-313
5 to 17 years:	91,318	+/-173
Speak only English	82,212	+/-1,651
Speak Spanish	6,133	+/-1,424
Speak other Indo-European languages	1,507	+/-688
Speak Asian and Pacific Island languages	900	+/-562
Speak other languages	566	+/-451
18 to 64 years:	360,708	+/-563
Speak only English	318,841	+/-3,287
Speak Spanish	19,202	+/-1,904
Speak other Indo-European languages	10,250	+/-1,888
Speak Asian and Pacific Island languages	7,938	+/-1,528
Speak other languages	4,477	+/-1,858
65 years and over:	76,555	+/-466
Speak only English	71,609	+/-1,013
Speak Spanish	679	+/-421
Speak other Indo-European languages	2,297	+/-732
Speak Asian and Pacific Island languages	1,842	+/-351
Speak other languages	128	+/-166

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Due to methodological changes to data collection that began in data year 2013, comparisons of language estimates from that point to estimates from 2013 forward should be made with caution. For more information, see: Language User Note.

While the 2015 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '***' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.