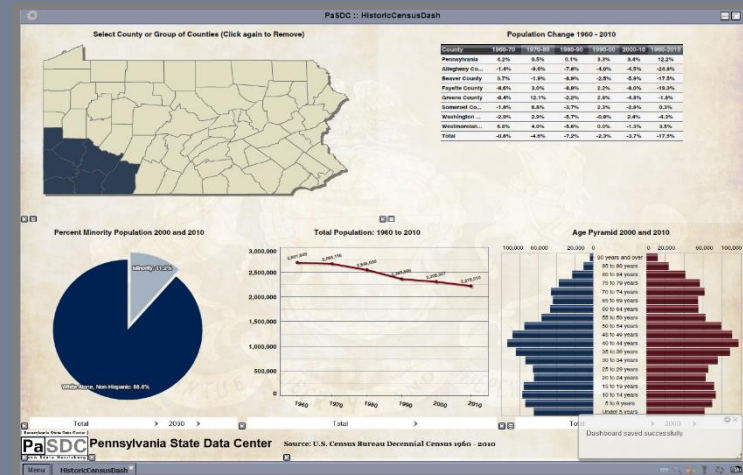
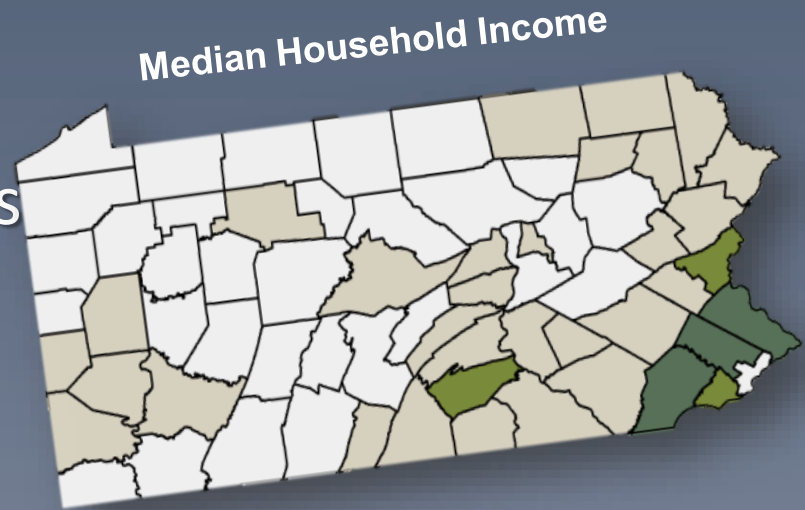


Using the Census API to Develop ACS-Related Data Products

Presented to the
American Community Survey
Data Users Conference
Washington, DC: May 12, 2015

Data Products

- Map of the Day
 - Show County Comparisons
 - Highlight ACS topics
 - Identify Outliers
- Digital Dashboards
 - Topic Driven
 - Use graphs, charts and color
 - Highlight trends
 - Drill-down capabilities



The API Call


- PaSDC
Developers call out to the U.S. Census Bureau API via SQL server




- Census Bureau API sends back data variables to PaSDC SQL Server

- API = Application Program Interface
<http://www.census.gov/developers/>

Map of the Day



Pennsylvania State Data Center



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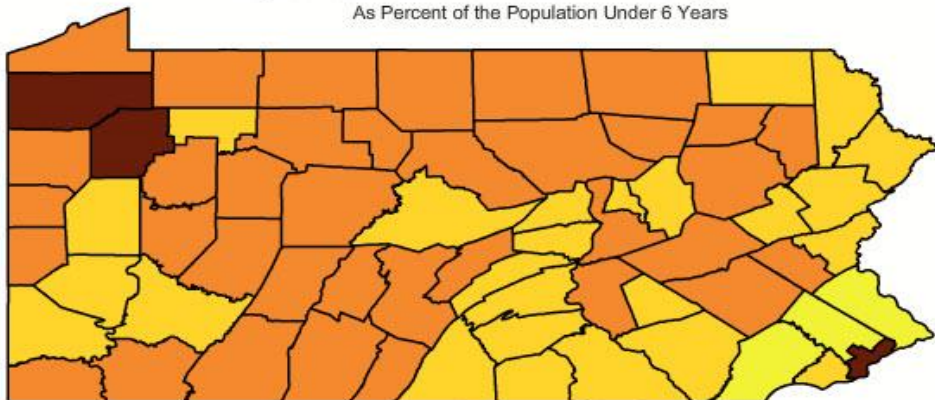
The Commonwealth's official source for demographic and economic data

Official liasion to the U.S. Census Bureau

Map of the Day





Population Under 6 Years in Poverty

As Percent of the Population Under 6 Years



Prepared by the PA State Data Center

Source: 2008-2012 ACS 5-Year Estimates

 Less than 10.0 %	 Between 10.0 % and 21.0 %	 Between 21.0 % and 33.0 %	 More than 33.0 %
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Featured Items

2013 County Population Estimates Released

Cumberland County is Pennsylvania's fastest-growing since 2010

The U.S. Census Bureau reported today on where the heaviest population growth in Pennsylvania was concentrated since 2010.

Cumberland County, in central Pennsylvania, was the fastest-growing county between April 1, 2010 and July 1, 2013. The population of Cumberland County rose 2.5 percent over the period. Chester County followed with a 2.1 percent gain since 2010. Lancaster County (2.0 percent percent) ranked third in terms of percent population increase, followed by Clinton and Philadelphia counties, which each grew at 1.8 percent during the period.

Announcements - News

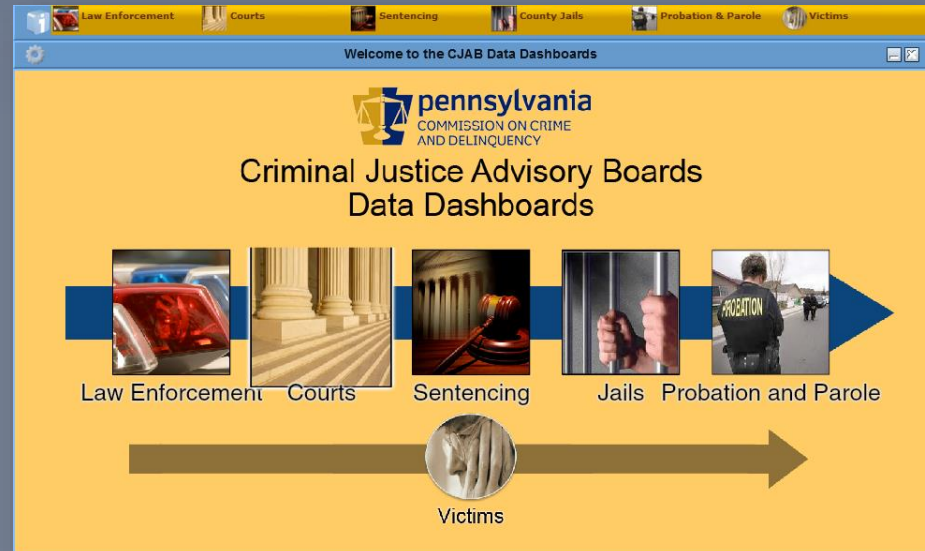
Tue, 04 Mar 2014 06:00:00 -0500

PaSDC News PaSDC Census Data Workshop to be Held on

Digital Dashboards



- Use iDashboard software
- Originally developed dashboards as part of a project with PA Commission on Crime and Delinquency
- Using ACS data
- Dashboard Design
- Using the API
- Updates



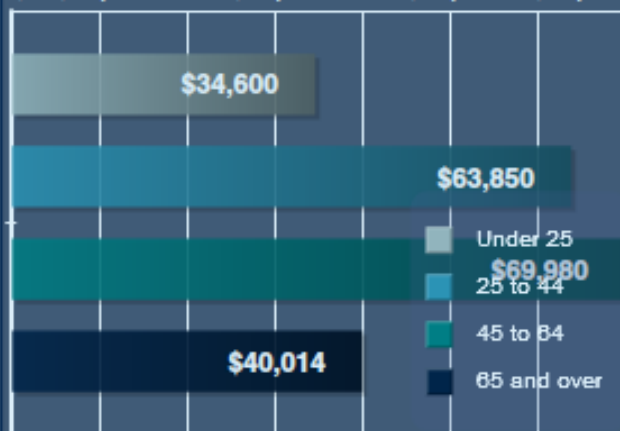
Median Household Income

Statewide Median = \$52,548



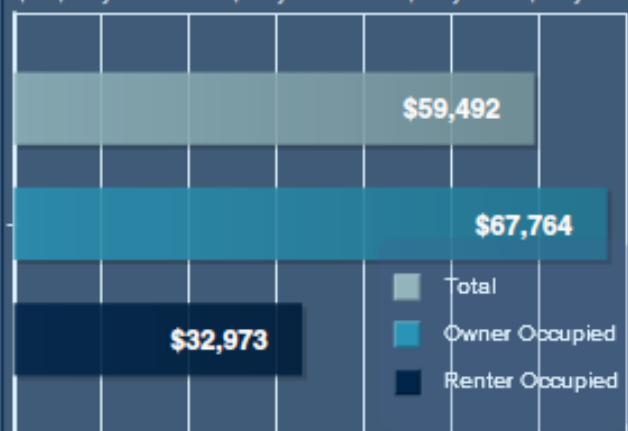
Median Household Income by Age

\$0 \$10,000 \$30,000 \$50,000 \$70,000

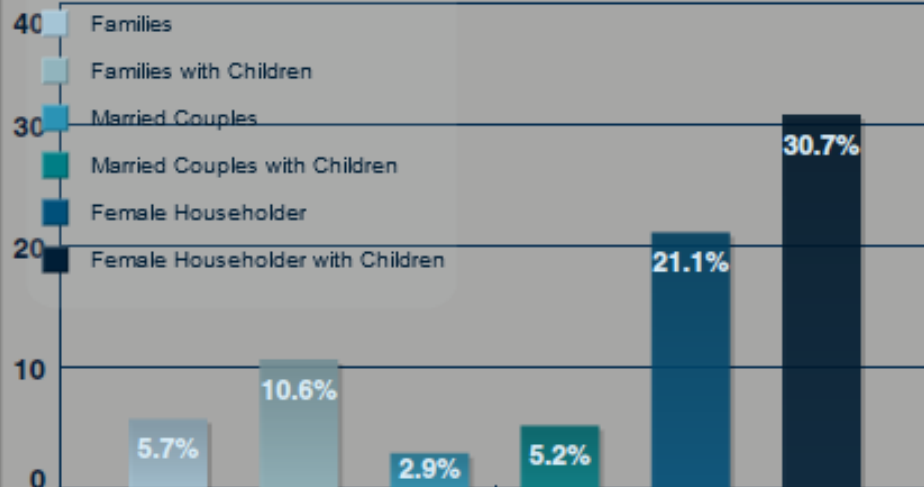


Median Household Income by Tenure

\$0 \$10,000 \$30,000 \$50,000 \$70,000



Percent Below Poverty by Family Type



Percent Below Poverty by Age

Municipality	Under 5	5 to 17	18 to 64
Abbottstown borough	9.4%	0.0%	5.3%
Arendtsville borough	36.4%	31.0%	25.3%
Bendersville borough	0.0%	28.7%	13.7%
Berwick township	23.8%	11.7%	5.3%
Biglerville borough	45.5%	13.1%	14.4%
Bonneauville borough	13.6%	19.8%	11.4%
Butler township	8.3%	9.6%	6.4%
Carroll Valley borough	0.0%	0.0%	1.0%
Gettysburg borough	18.8%	11.8%	8.8%

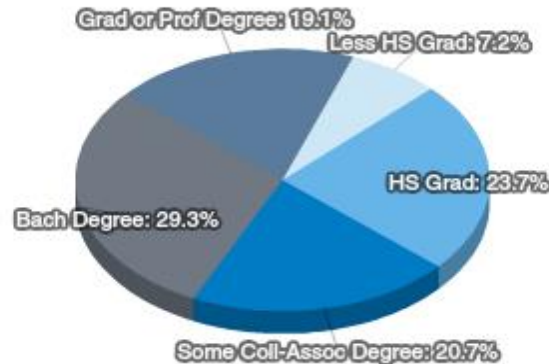
Source: 2009-2013 American Community Survey 5-Year Estimates, U.S. Census Bureau

Percent Bachelor Degree or Higher

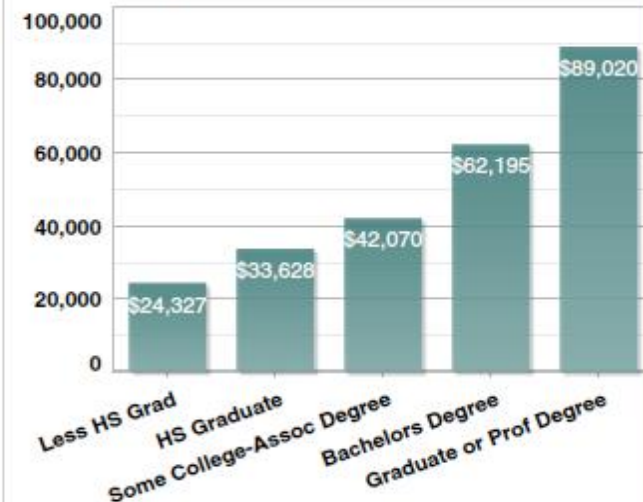
Click on County to view all Education/Earnings Data Items.



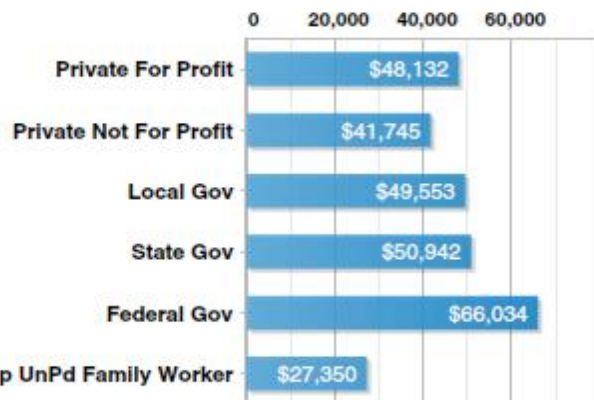
Educational Attainment



Earnings by Educational Attainment *



Median Earnings by Class of Worker



Statewide Median Earnings by Class of ...



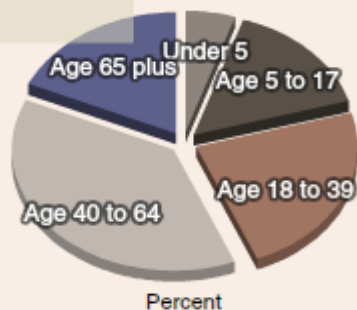
Income by Type

Municipality	HH with Earnings	Mean Household Earnings
Atglen borough	91.8%	\$78,863
Avondale borough	96.1%	\$66,313
Birmingham township	89.7%	\$210,986
Calm township	85.6%	\$82,476
Charlestown township	84.6%	\$177,456
Coatesville city	72.2%	\$56,393
Downingtown borough	84.3%	\$69,943
East Bradford township	82.2%	\$158,843
East Brandywine towns...	92.4%	\$116,211
East Caln township	75.4%	\$130,112
East Coventry township	86.4%	\$105,694

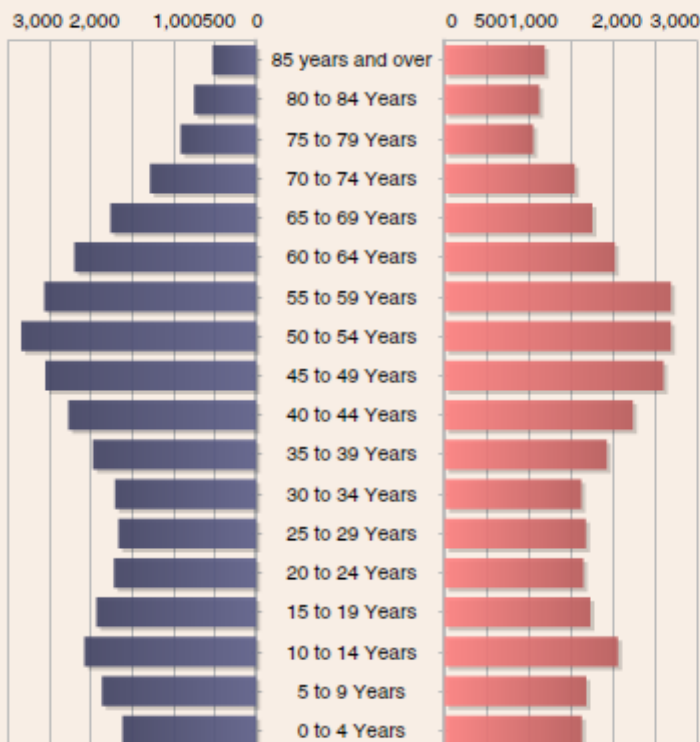
Source: 2009-2013 American Community Survey 5-Year Estimates, U.S. Census Bureau

Note: **Population by Age**

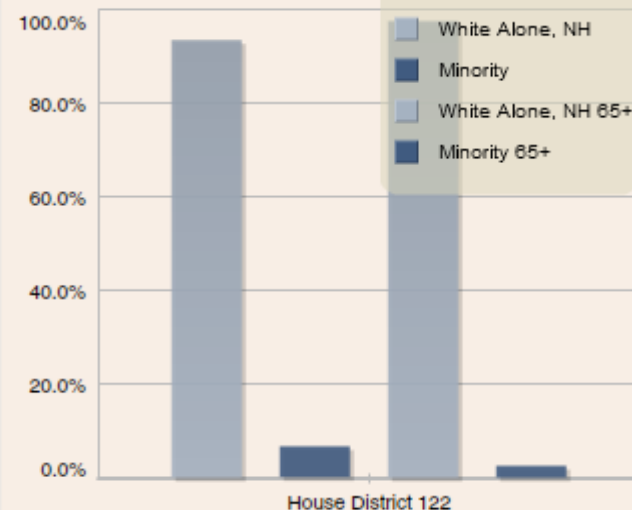
Click pie chart for more details...



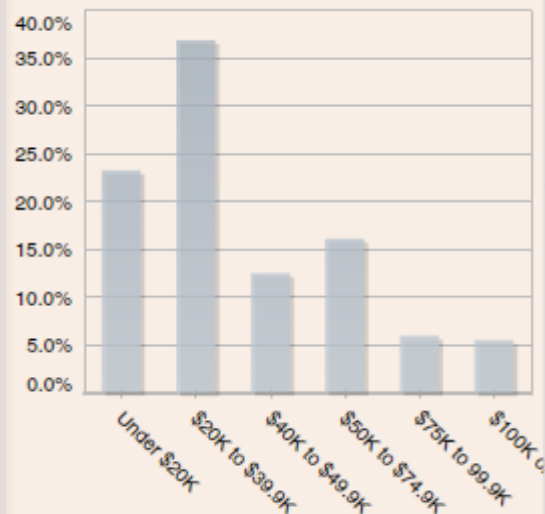
Population by Sex and Age



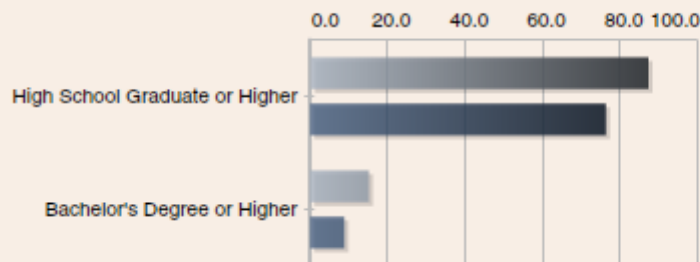
Minority Population



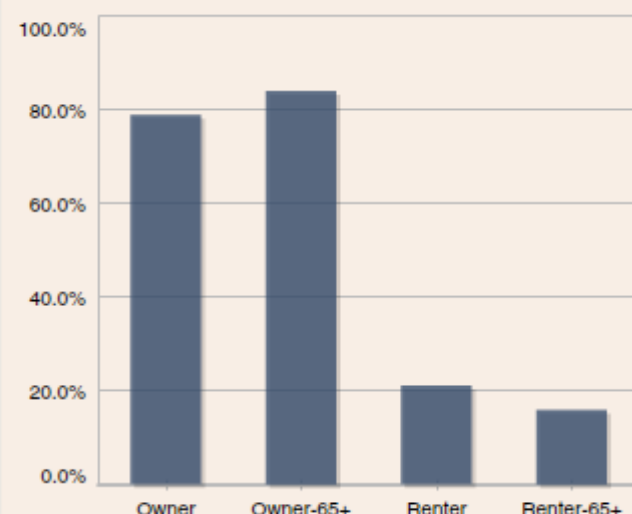
Household Income for Pop 65+



Educational Attainment



Owner vs Renter



How to Contact Us

- By phone at: 717.948.6336
- By email at: jrm55@psu.edu
- On-line at: PaSDC.hbg.psu.edu

