Using Data to Enhance your Grant Application

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Grants are funded because...

- You have a plan of action with time-frames and expectations
- Your organization is committed to the project
- Your problem is significant and backed by supportive data
Key Elements

- Reliable source for data
- Clearly identified need
- Data relevant to the area of need
- Describes the problem and justifies the need for the project
- Compare data over a time period and to other geographies
Data Sources

- Census Data
- American Community Survey
- Census Estimates
- U.S. Bureau of Economic Analysis (BEA)
- Longitudinal Employer-Household Dynamics (LEHD)
Census 2010

The Census 2010 form asked everyone 10 Short questions about:

- Age
- Race, Hispanic/Latino
- Gender
- Own/Rent
- Relationship of persons in household

No long form – that data collected through American Community Survey (ACS)
Citizen Voting-Age Population

The U.S. Census Bureau released today selected characteristics of the citizen voting-age population from the 2015 American Community Survey for all U.S. states and congressional districts.
# American Community Survey

**One-year estimates** | **Five-year estimates**
--- | ---
12 months of collected data | 60 months of collected data
2015 latest year data | 2010-2014 latest data
Data for areas with populations of 65,000+ | Data for all areas
Small sample size | Large sample size
Less reliable than 5-year | Most reliable
Most current data | Least current

* Three-year ACS is discontinued after 2011-2013
American Community Survey

Main Topics

- Social (DP02)
- Economic (DP03)
- Housing (DP04)
- Demographic (DP05)
American Community Survey

Social (DP02)
- Total Households
- Household population and relationships
- School enrollment
- Educational attainment
- Disability
- Place of birth – native/foreign
- Languages spoken
- Households with computer/Internet
American Community Survey

Economic (DP03)
- Employment status
- Labor force
- Commute to work (car, transit...)
- Occupation and Industry
- Income (median household and range)
- Health Insurance
- Poverty data
American Community Survey

Housing (DP04)

- Total housing units – occupied/vacant
- Units in structure (single family, multi family)
- Year built
- Rooms/bedrooms
- Owner occupied/renter occupied
- Vehicles available
- Value of home, mortgage status
- Monthly costs for owner – mortgage
- Rent and rent as a percent of household income
American Community Survey

Demographic (DP05)
  o Total population
  o Male/female and age details
  o Race details
  o Hispanic or Latino
  o Citizen, voting age population
American Community Survey
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The American Community Survey (ACS) is an ongoing, nationwide, monthly survey covering approximately three-million households each year and is now the source for all of the socioeconomic data that was formerly obtained from the decennial census. ACS data is available for three types of releases depending on population size: annually, three-year periods and five-year periods.

Annual ACS data are available for all geographies (e.g., U.S., states, counties, municipalities, places) with a population of 65,000 or more.

Three-year period ACS estimates are available for all geographies with a population of 20,000 or more.

Five-year period ACS estimates are available for all geographies down to census tracts and block groups.

Data and Reports

- Comparing ACS Data to Census and to Other ACS Data
- Guidelines, Documentation, and Guidelines on Using ACS Data

ACS Annual Data (population of 65,000 or more for all geographies):

ACS Three-year Data (population of 20,000 or more for all geographies):
- Note: The Census Bureau has discontinued the three-year ACS data. The last three-year data release was for the 2011-2013 period. There will be no more three-year data releases.

Socioeconomic Characteristics for Maryland’s Jurisdictions and Places:

ACS Five-year Data (data available for all geographies down to census tracts & block groups):
Census Bureau Estimates

Population and Housing Unit Estimates

- Population estimates for U.S., all states, counties, cities and towns
- Components of Change (births, deaths and migration)
- Housing unit estimates are produced for U.S., all states and counties
- Data produced yearly
Estimates

This section contains estimates of various socioeconomic variables. An estimate differs from a projection in that it is for either the current year or a past time period. Projections deal with the future and can be found under the Projections tab.

Estimates of Jobs by Place of Work and Personal Income can be found at the Jobs and Income Tab. A good summary of estimates covering a wide variety of socioeconomic variables can be found in our Maryland Statistical Handbook.

Estimates can be divided into five basic categories:

Population

Post 2010 U.S. Census Bureau Population Estimates

- 2015 Estimates by Age, Race and Gender for Maryland and its Jurisdictions (6/23)
- 2015 Estimates for Maryland's Municipalities (5/16)
- 2015 Estimates for Maryland's Jurisdictions (3/16)
- 2015 Estimates for Maryland and All States (12/15)

U.S. Census Bureau Intercensal Population Estimates 2000 to 2010 for Maryland (4/12)

- Total Population Estimates: PDF | XLS
- Estimates by Gender and Age Group
- Estimates by Gender, Race and Hispanic Origin
- Estimates by Age, Gender, Race and Hispanic Origin

Revised U.S. Census Bureau Intercensal Population Estimates 1990 to 1999 for Maryland
Income and Jobs data

- Data available for the nation, states, metropolitan areas and counties.
- Data is available annually and quarterly
- Personal and per capita income
- Total full time and part-time employment by industry
Jobs and Income

The jobs and income section has personal income estimates from the U.S. Bureau of Economic Analysis for states (quarterly and annual) and Maryland counties (annual). Jobs by place of work data from the U.S. BEA are available for states and Maryland counties annually.

Also available from this site are annual job estimates for Maryland (and other states) from the current employment statistics (CES) program. There is a difference in coverage between the BEA and CES data. The BEA series is more comprehensive in that it includes federal military, railroad, household, agricultural, and other workers not covered by the unemployment insurance system. In addition, the BEA data includes estimates of proprietors. As a result, BEA job estimates will always be significantly higher than job estimates from the CES program.

The County Business Patterns data on this site are an analysis of high tech and biotech establishments available at the zip code level.

U.S. Bureau of Economic Analysis (BEA)
Jobs and Income Data for U. S. and Maryland's Jurisdictions:

- State Quarterly Personal Income Through the Fourth Quarter of 2016 (4/16)
- 2014 Annual Jobs and Income Data for Maryland's Jurisdictions (12/16)
- 2014 Annual Jobs and Personal Income for all States & Regions in U.S. (11/16)
- Number of State and Local Government Employees per 10,000 Population (2/16)
- Real Personal Income for States (7/16)
Longitudinal Employer-Household Dynamics (LEHD) Data

LEHD data is available in three groups

- Residence Area Characteristics
- Workforce Area Characteristics
- Origin Destination data
Residence/Workplace Characteristics

- Total number of Jobs by area of residence/work
- Number of jobs by age in three groups
- Number of jobs by monthly earnings in three groups
- Number of workers in NAICS sector
- Number of workers by Race, ethnicity, educational attainment and sex
LEHD Data

Origin-Destination Data

- OD data includes total jobs by area
- Number of jobs by three age groups
- Number of jobs by monthly earnings in three groups
- Jobs by major industry sector (three)
LEHD Website

Longitudinal Employer-Household Dynamics

Applications
- LEHD Explorer
- Planning Hub
- Monitoring or Monitoring Management
- LED Extraction Tool

Useful Links
- Center for Economic Studies
- QWI Data
- CODES Data

Contact Information
Email us:
CES Local Employment Dynamics
CEJoint@berkeley.edu

What's New?
- 10/30/15 Using LEHD Data to Analyze Economic Development Districts

About Us
The Longitudinal Employer-Household Dynamics (LEHD) program is part of the Center for Economic Studies at the U.S. Census Bureau. The LEHD program produces new, cost-effective, public-use information combining Federal, State and Census Bureau data on employers and employees. The Local Employment Dynamics (LED) Partnership provides data and information for states and local governments.

Under the LED Partnership, states agree to share Unemployment Insurance earnings data and the Quarterly Census of Employment and Wages (QCEW) data with the Census Bureau. The LEHD program provides state and local governments with detailed data on employment, earnings, and job flows at detailed levels of geography and industry and for different demographic groups. In addition, the LEHD program uses these data to create partially synthetic data on workers’ residential patterns.
OnTheMap Analysis
### OnTheMap Analysis

**Analysis Settings**

#### Area Profile Analysis in 2014 by Primary Jobs

<table>
<thead>
<tr>
<th>Home/Work Area</th>
<th>Analysis Type</th>
<th>Year</th>
<th>Job Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>○ Home</td>
<td>○ Area Profile</td>
<td></td>
<td></td>
</tr>
<tr>
<td>○ Work</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Home/Work Area**
  - Determines whether the selection area is analyzed on where workers live ("Home") or where workers are employed ("Work").

- **Area Profile**
  - Labor Market Segment:
    - All Workers

- **Analysis Type**
  - Determines the type of results that will be generated for the selected area.

- **Year**
  - Determines the year(s) of data that will be processed in the analysis.

- **Job Type**
  - Determines the scope of jobs that will be processed in the analysis.
    - ○ All Jobs
    - ○ Primary Jobs

- **Cancel**
- **Go!**

Note: Home/Work choice does not affect results.
Area Comparison
Distance Direction
Destination Analysis
Inflow Outflow
Export Data

Change Analysis Year

Export geography, data and print charts
LODES Data
Example

Chesapeake Enterprise Zone

- Unemployment, income and poverty statistics for subject area compared with County data to highlight the need
- Bringing back jobs
- County and Maryland tax credits
  - Brownfields tax credits for cleanup
  - Baltimore Green Building for commercial buildings with LEED certification
  - Maryland Job Creation tax credit for 25 or more new jobs
  - Maryland Research and Development