Building Capacity to Plan for Demographic Transformations

CareConnection
Board Meeting

November 4, 2005

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University of Missouri-Columbia
Office of Social and Economic Data Analysis

Http://www.oseda.missouri.edu
Presentation Overview

• National and State Trends
• Focus on Care Connection Demographics
• Setting the Stage for a Focused Review Later
• Forthcoming developments
  • Senior Report
  • Care Connection Application & Future Articles
  – Using Data means getting focused
    • Your judgment of what’s important is critical
      – Data Information Knowledge Wisdom
  • In Missouri Community matters
Numerical Change in Population for States and Puerto Rico: April 1, 2000 to July 1, 2004

Source: U.S. Census Bureau
Population Estimates Program
Percentage Change in Population, for States and Puerto Rico: April 1, 2000 to July 1, 2004

Source: U.S. Census Bureau
Population Estimates Program
Percent Change in Missouri Population by Selected Age Cohorts, 2000-2004

Source: USDC, Bureau of the Census, Federal State Cooperative Program for Population Estimates (FSCPE)
Prepared by the University of Missouri Extension, Office of Social & Economic Data Analysis (OSEDA)
Report generated on 01 Sept 2005
Percent Change in Missouri Population by County 2000-2004

Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSED)
Percent Natural Increase* in Missouri, by County
2000-2004

Percent Natural Increase
-3.1% - 0.0% (46)
0.1% - 1.9% (50)
2.0% - 3.7% (19)

Missouri = 1.6%

* Natural increase as a percent of 2000 Adjusted population

Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 04.25.2005
Percent Net Migration* in Missouri, by County
2000-2004

Percent Net Migration
-4.9% - 0.0% (45)
0.1% - 1.9% (28)
2.0% - 15.4% (42)

Missouri = 1.2%

* Net Migration as a percent of 2000 Adjusted population

Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 04.25.2005
Percent of Missouri Population Age 65 to 74 by County, 2004

Percent of Total:
- 4.3% - 6.9% (29)
- 7.0% - 7.9% (33)
- 8.0% - 8.9% (24)
- 9.0% - 14.7% (29)

Missouri = 6.8%

Source: U.S. Census Bureau, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, The Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 08.30.2005
## Age Comparisons

**American Community Survey**
**2003**

### Age Indicators

<table>
<thead>
<tr>
<th>Age Category</th>
<th>U.S.</th>
<th>Missouri</th>
</tr>
</thead>
<tbody>
<tr>
<td>Median age (years)</td>
<td>36.0</td>
<td>36.8</td>
</tr>
<tr>
<td>Under 18 years old</td>
<td>25.67%</td>
<td>25.27%</td>
</tr>
<tr>
<td>65 years and over</td>
<td>11.98%</td>
<td>12.71%</td>
</tr>
</tbody>
</table>
# Poverty Rate Comparison

**American Community Survey 2003**

<table>
<thead>
<tr>
<th>PERCENT in POVERTY IN THE PAST YEAR</th>
<th>U.S.</th>
<th>Missouri</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Persons</td>
<td>12.7</td>
<td>11.7</td>
</tr>
<tr>
<td>65 years and over</td>
<td>9.8</td>
<td>10.4</td>
</tr>
<tr>
<td>Children under 18 years</td>
<td>17.3</td>
<td>15.3</td>
</tr>
<tr>
<td>Children under 5 years</td>
<td>20.5</td>
<td>17.9</td>
</tr>
</tbody>
</table>
Dead Reckoning Plot … where we think we ought to be each hour (our plan)

Fix … where we really are (our data)

Port (our goal)

New Course…Taking into account set and drift the new course we need to sail to reach port

Statistical indicators are like navigational aids – they help us know where we are and what course we need to sail to reach port.

But for data to be useful we have to decide upon a destination – a goal. Then data can be used to help us make decisions—”steer more northerly.”

Without a goal—any course will do and data are not very useful.
CareConnection
for Aging Services

Detail Maps

Maps
- Hospitals and Senior Centers
- Transportation Systems
- Home Delivery Clients
- Ombudsman by Service Area, 2004
- Care Connection Information and Referrals by Service Area, 2004
- Community Cash Match Summary by Service Area, 2004 Total Community Match
- Community Cash Match Summary by Service Area, 2004 Net Community Match
- Community Cash Match Summary by Service Area, 2004 Community Match by Average Daily Unduplicated Individuals
- Care Connection Medicaid Dollars by Service Area, 2004
- Care Connection Grant Dollars by Service Area, 2004
- Clinics by Service Area, 2004
- Pharmacies by Service Area, 2004
Care Connection Home Delivery Clients
Care Connection Medicaid Dollars by Service Area, 2004

Dollars
- $697 - $4,000
- $4,001 - $10,000
- $10,001 - $20,000
- $20,001 - $35,000

Source: Care Connection 2004 Fiscal Year Financial Data
Prepared for Care Connection by: Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 10.17.2006
Profile Narratives

Full Demographic Narrative - 2000 Care Connection 13-County Area Totals

Demographic Narratives - 2000 Care Connection by Service Area
- 01 Brunswick
- 02 Butler
- 03 Carroll
- 04 Clinton
- 05 Cole Camp
- 06 Concordia
- 07 Deepwater
- 08 El Dorado Springs
- 09 Higginsville
- 10 Holden
- 11 Lexington
- 12a Lowry City
- 12b Lowry City
- 12c Lowry City
- 12d Lowry City
- 13 Marshall
- 14 Montrose
- 15 Nevada
- 16 Odessa

http://www.oseda.missouri.edu/careconnection/profile_narratives.shtml
Population

Tables
- Total Population and Population by Sex

Block Group Maps
- Total Population by Block Group Within the 13-county Region, 2000
- Change in Population by Block Group, 2000
- Percent Change in Population by Block Group, 2000
Total Population
by Block Group Within the 13-County Region
2000

Population
1 Dot = 10 People

Missouri = 5,595,211

Interstate
Highway

Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF3]
Prepared for Care Connection by: Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 10.06.2006
Age

Tables
- Senior Population by Age Cohort

Block Group Maps
- Percent of the Population Age 60 and Older
- Percent of the Population Age 65 and Older
- Percent of the Population Age 75 and Older
- Percent of the Population Age 85 and Older

Service Area Maps
- Population Age 60 and Older by Service Area, 2000
- Population Age 65 and Older by Service Area, 2000
- Population Age 75 and Older by Service Area, 2000
- Population Age 85 and Older by Service Area, 2000
### Senior Count Demographic Profile - 2000
#### Care Connection 13-County Area Totals -

<table>
<thead>
<tr>
<th>Subject</th>
<th>Number</th>
<th>Percent</th>
<th>SF3 Table</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Total Population by Sex</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Universe: Total Population</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Persons (Sample Est)</td>
<td>271,709</td>
<td></td>
<td>P1</td>
</tr>
<tr>
<td>Total Males</td>
<td>133,426</td>
<td>49.1</td>
<td>P3</td>
</tr>
<tr>
<td>Total Females</td>
<td>138,283</td>
<td>50.9</td>
<td></td>
</tr>
</tbody>
</table>

Report by the [Office of Social and Economic Data Analysis](http://www.umsl.edu/~oaseda/), Univ. of Missouri Outreach & Extension
Under a contract with the [St. Louis County Department of Health](http://www.stlouishealth.org/)
SOURCE: U.S. Bureau of the Census, Summary File 3, 2000 Decennial Census

Generated on 01NOV05 using srcountdp.sas, Rev. 10/12/2005 3:52PM
Address questions and comments to blodgett@umsystem.edu

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Request took 1.06 seconds of real time (v9.1 build 1461).
Living Arrangements

Tables
- Household Type by Relationship for Population 65 and Older
- Grandparents Living With Own Grandchildren Under 18 Years
- Marital Status of Population 65 and Older by Age Cohorts

Service Area Maps
- Percent Population 65 and Older in Nonfamily Households, 2000
- Percent Population 65 and Older Family Households, 2000
- Percent Population 65 and Older Married Couples, 2000
- Percent Population 65 and Older Living Alone, 2000
- Percent Population 65 and Older Widowed, 2000
- Percent Population 85 and Older Married Couples, 2000
- Percent Population 85 and Older Widowed, 2000
Percent Population 65 & Older Living Alone by Service Area Within the 13-County Region 2000

Percent
- 18.9 - 25.0
- 25.1 - 30.0
- 30.1 - 32.0
- 32.1 - 35.1
- 35.2 - 41.5

13-County Region = 30.2%
Missouri = 30.2%

Source: USDH, Bureau of the Census, Census of Population and Housing [2000 EH3]
Prepared for Care Connection by: Office of Social and Economic Data Analysis (CSEDA)
Map Generated on 10.06.2005
### Poverty

**Tables**
- Poverty Status by Age

**Block Group Maps**
- Percent of the Population Age 65 and Older Below Poverty
- Percent of the Population Age 75 and Older Below Poverty

**Service Area Maps**
- Percent Population 65 and Older Below Poverty, 2000
- Percent Population 75 and Older Below Poverty, 2000
Percent Population 65 & Older Below Poverty by Service Area Within the 13-County Region, 2000

Percent
- 6.7 - 9.0
- 9.1 - 11.0
- 11.1 - 15.0
- 15.1 - 20.1

13-County Area = 11.7%
Missouri = 9.9%

Source: USDC, Bureau of the Census, Census of Population and Housing (2000 SF 3)
Prepared for Care Connection by Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 11/05/2005
Percent of the Population Age 65 and Older Below Poverty
Care Connection Senior Center Service Areas

Source: 2000 Census of Population and Housing
Housing Units

Tables
- Housing Units by Tenure By Age of Householder
- Tenure by Year Structure Built

Maps
- Percent of Householders Age 55 to 64 that Own their Home
- Percent of Householders Age 65 to 74 that Own their Home
- Percent of Householders Age 75 and Older that Own their Home
- Percent of Householders Age 55 to 64 that Rent their Home
- Percent of Householders Age 65 to 74 that Rent their Home
- Percent of Householders Age 75 and Older that Rent their Home
Percent of Householders Age 65 to 74 that Own their Home
Care Connection Senior Center Service Areas

Source: 2000 Census of Population and Housing
# Disability

## Tables
- Types of Disabilities for Persons 65 and Older

## Service Area Maps
- Percent 65 and Older With Sensory Disability, 2000
- Percent 65 and Older With Mental Disability, 2000
- Percent 65 and Older With Go-outside-home Disability, 2000
- Percent 65 and Older With Self-care Disability, 2000
- Percent 65 and Older With Physical Disability, 2000
- Ratio of Disabilities Tailled to Population 65 and Older, 2000
Ratio of Disabilities Tallied to Population 65 & Older by Service Area Within the 13-County Region 2000

Source: U.S. Census Bureau, Census of Population and Housing (2000 SF-3)
Prepared for Care Connection by the Office of Social and Economic Data Analyses (OSEDA)
Map Generated on 11/06/2005
Percent Population 65 & Older With a Go-out-of-home Disability by Service Area Within the 13-County Region
2000

13-County Region = 17.7%
Missouri = 18.7%

Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF3]
Prepared for Care Connection by: Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 10.06.2005
Next Steps

• Identify issues that are important to you
• Focused Reports
  – Care Connection and OSEDA staff
• Show the rest of the state