Indicators of Well-Being Among Seniors

St. Louis Times
Geriatrics Symposium
University of Missouri-St. Louis
December 12, 2008

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Director
University of Missouri
Office of Social and Economic Data Analysis
Population for States and Puerto Rico: July 1, 2007

Total Population

World: 6.7 Billion
U.S.: 302 Million
Mo.: 5,878,415
April 1, 2000 to July 1, 2007

U.S. : 20.2 Million
Five States: 10.6 Million

Missouri    5.0% US 7.2%

Source: U.S. Census Bureau, Population Division, 2007
Percent Population 65+, 2007

US
Pop 65+: 37.2 m
Percent 65+: 12.5%

MO
Pop 65+: 786,201
Percent 65+: 13.4%

Source: U.S. Census Bureau, 2007 American Community Survey
Percent Change in Population for Counties and Puerto Rico Municipios:
April 1, 2000 to July 1, 2007

Regions within regions

Map showing the percentage change in population for counties and Puerto Rico municipalities, using a color-coding system to indicate the range of changes.
Natural Increase in Missouri Population by County
2000-2007

Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)
Map Generated on: 23 Apr 2008
Population Pyramids of United States
Percent of Total Population

2000

2020
Population Pyramids of Missouri
Percent of Total Population

2000

2020
Percent Missouri Population Age 65+: 1990-2020
Percent of Population Age 65 and Older
Projected Year: 2025

Missouri = 19.1%

Missouri Senior Report 2008
Source: US Census Bureau, Table 2a. Projected population of the United States, by Age and Sex: 2000 to 2050, US Interim Projections by Age, Sex, Race, and Hispanic Origin, 2004
Produced by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 11.19.2008
- Divergent skill distributions
- The changing economy
- Demographic shifts
Missouri At A Glance

- Gross State Product of $226 billion
- Diversified economy
- Productive and skilled workforce
- Low tax burden – Low investment
- “Quality of Life” opportunities
Unemployment Rates
Missouri vs. U.S.
(past 36 months, seasonally adjusted)
Economic Share in Missouri by County

Source: MERIC, 2007
• **Demographic shifts**
  – Labor force will grow more slowly
  – Impact of the *baby boom*..
  – Dependence on *International migration*
  – Increasing Hispanic population – with lower levels of educational attainment
Percent Students Enrolled for Free and Reduced Lunches by County, 2006

Percent
- 14.9% - 33.7%
- 33.8% - 42.9%
- 43.0% - 50.3%
- 60.4% - 59.7%
- 59.8% - 80.7%

Missouri - 40.7%

Source: Missouri Department of Elementary & Secondary Education
Prepared by: University Outreach and Engagement, Office of Social and Economic Data Analysis (OSEDAR)
Map Generated on 01.14.2008
Hispanic Enrollment Change in Missouri Public Schools From 1.4% to 2.8% in 5 years

Latino Population in Missouri, 2007

176,878
3.0%

Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 13 Nov 2007
American Community Survey, 2007
Trend Changers

Median Home Value

- New York: $138,600
- Missouri: $138,600
- Florida: $138,600
- California: A race to the bottom or an affordable quality of life?
New York

Percent Cost Burdened

30% or More of Household Income for Housing

19.7%
missouriseniornreport.org

Or

Google it
Missouri

Population 65+, 2007
Percent Change 65+, 2000-2007

Outcome Indicators

<table>
<thead>
<tr>
<th>Economic Well-being</th>
<th>Year</th>
<th>Measure</th>
<th>Trend</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSI Payments as Percent of Total Personal Income</td>
<td>2001</td>
<td>0.33</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>0.33</td>
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</table>

Civic Engagement
Senior Voter Registration and Participation Index

Workforce Participation
Percent of Seniors Working for Pay

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>Measure</th>
<th>Trend</th>
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<tbody>
<tr>
<td></td>
<td>2001</td>
<td>9.8%</td>
<td>↑</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>11.5%</td>
<td>↑</td>
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</table>

Long Term Care Costs
Medicaid Costs for Long Term Care per Capita

Economic Contribution
Economic Impact Index

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2007</td>
<td>16.9</td>
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</tbody>
</table>

Safety
Crime and Senior Abuse per 1,000 Persons

Housing
Percent of Seniors Housing Cost Burdened

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2000</td>
<td>23.8%</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>28.5%</td>
</tr>
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</table>

Health Status *
Hospitalizations and ER Visits for Diabetes per 10,000

Transportation
Health Care Access
Status Indicators: Quality of Life

- Senior Owner-Occupied Housing
- Seniors Living in Families
- Seniors in Poverty
- Average Income of Senior Households
- Seniors with a College Education

American Community Survey – County and Regional Estimates
Status Indicators: *Health & Wellness*

- No Exercise
- No Sigmoidoscopy or Colonoscopy
- High Blood Pressure
- Obesity
- Smoking
- No Mammography
- High Cholesterol

Missouri Foundation for Health 2007 County and Regional Estimates
Missouri Senior Report 2008

**Outcome Indicators**

- Economic Well-Being
- Workforce Participation
- Economic Contribution
- Housing
- Transportation
- Household Composition
- Civic Engagement
- Long-Term Care
- Safety
- Health Status
- Health Care Access

Supplemental Security Income Payments as Percent of Total Personal Income, 2006

Missouri = 0.33%

Missouri Senior Report 2008
Source: Missouri Department of Social Services, Research & Evaluation
Produced by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 11.19.2008
Percent of All Seniors with Missouri Driver's License
2007

Missouri = 85.7%

Missouri Senior Report 2008
Source: Missouri Department of Revenue, Division of Motor Vehicle & Drivers Licensing
Produced by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 11.19.2008
Seniors Filing Missouri Joint Tax Returns, 2006

Missouri Senior Report 2008
Source: Missouri Department of Revenue, Division of Taxation & Collections
Produced by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 11.19.2008
Medicaid Costs for Long Term Care per 1,000 Persons 2007

Missouri = $136

Source: Missouri Department of Health and Senior Services, Division of Senior Services, Section for Long-term Care,
Produced by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 11.19.2008
Hospitalization and ER Visits for Diabetes per 10,000 Seniors 2004 - 2006

Missouri = 72

Missouri Senior Report 2008
Source: Missouri Department of Health and Senior Services, Data, Surveillance Systems, & Statistical Reports
Produced by: University of Missouri Extension, Office of Social and Economic Data analysis (OSEDA)
Map Generated on 11.19.2008
Primary Care Physicians per 1,000 Seniors
Current Year: 2007

Health Care Access

Rate Per 1,000
- 0.4 - 3.8
- 3.9 - 7.2
- 7.3 - 13.9
- 14.0 - 26.1
- 26.2 - 44.5

(Natural Breaks)

Missouri = 11.9

Missouri Senior Report 2008
Source: University of Missouri, Department of Health Management & Informatics
Produced by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 11.19.2008
For More Information

Google    OSEDA

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