Long-Term Care Services and Supports Data

Presentation to the Pennsylvania Long-Term Care Commission on July 11, 2014
Purpose

• To provide a comparison of Pennsylvania’s data with those states previously identified as having better LTCSS systems

• To provide data that provides insight into Pennsylvania’s Long Term Care Services and Supports (LTCSS) programs
Data Sources and Citations


• Source: Department of Aging, SAMS System as of 5/31/2014.

• Source: Department of Public Welfare, PROMISe Data Warehouse, as of 6/01/2014.

• Source: Truven Health Analytics, 2014, Medicaid Expenditures for Long-Term Services and Supports in FFY 2012.

• Source: U.S. Census Bureau, Population Division, Population Division, Table 2. Intercensal Estimates of the Resident Population by Sex and Age for Pennsylvania: April 1, 2000 to July 1, 2010 (ST-EST00INT-02-42).


National LTCSS Data Comparison
Comparison of Selected States’ Characteristics

• Population characteristics
• Number delegated tasks
• LTI per 1000 residents > 40 years of age
State Population Characteristics, 2012

Source: AARP Public Policy Institute, 2010
LTC Insurance Policies in Effect Per 1000 Residents Age 40 and Over, 2010

Source: AARP Public Policy Institute, 2010
Number of Health Maintenance Tasks able to be Delegated to LTCSS Workers (out of 16 tasks), 2011

Source: AARP Public Policy Institute, 2012
Health Maintenance Tasks Able to be Delegated to LTCSS Workers

- Administer Oral Medications
- Administer Medication on an as Needed Basis
- Administer Medication via Pre-Filled Insulin or Insulin Pen
- Draw Up Insulin for Dosage Measurement
- Administer Intramuscular Injection Medications
- Administer Glucometer Test
- Administer Medication through Tubes
- Insert Suppository
- Administer Eye/Ear Drops
- Gastrostomy Tube Feeding
- Administer Enema
- Perform Intermittent Catheterization
- Perform Ostomy Care Including Skin Care and Changing Appliance
- Perform Nebulizer Treatment
- Administer Oxygen Therapy
- Perform Ventilator Respiratory Care

Source: AARP Public Policy Institute, 2012
Comparison of Nursing Facility Data

• NF resident characteristics
• NF residents per 1000 age 65 and over
Nursing Facility Resident Characteristics

Residents with Dementia, 2010
Nursing Residents with Low Care Needs, 2008

Source: AARP Public Policy Institute, 2012
NF Residents Per 1000 Population Age 65 and Over, 2010

Source: AARP Public Policy Institute, 2012
Comparison of Selected States’ Quality Related Items

• Direct care nursing hours
• NF turnover rate
• NF quality outcomes
• Percent HH patients with hospital admission
Direct Care Nursing Hours Per Resident Day, 2010

Source: AARP Public Policy Institute, 2012
Nursing Facility Turnover Rate, 2010

Source: AARP Public Policy Institute, 2012
Nursing Facility Quality, 2008

Source: AARP Public Policy Institute, 2012
Percent of Home Health Patients with Hospital Admission, 2012

<table>
<thead>
<tr>
<th>State</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK</td>
<td>25.6%</td>
</tr>
<tr>
<td>CO</td>
<td>24.5%</td>
</tr>
<tr>
<td>MA</td>
<td>26.7%</td>
</tr>
<tr>
<td>MN</td>
<td>27.6%</td>
</tr>
<tr>
<td>NY</td>
<td>29.5%</td>
</tr>
<tr>
<td>OR</td>
<td>21.4%</td>
</tr>
<tr>
<td>PA</td>
<td>25.1%</td>
</tr>
<tr>
<td>WA</td>
<td>23.3%</td>
</tr>
<tr>
<td>WI</td>
<td>25.1%</td>
</tr>
<tr>
<td>US</td>
<td>26.2%</td>
</tr>
</tbody>
</table>

Source: A State Scorecard on Long-Term Services and Supports for Older Adults, People with Physical Disabilities, and Family Caregivers, 2014
Comparison of Selected States’ Expenditures

- Per capita Medicaid spend by service
- Percent Medicaid LTCSS spend on HCBS
- State funded HCBS
- Economic value of family caregivers
Medicaid LTCSS Expenditures for Older People and People with Physical Disabilities per State Resident in FFY 2012

Source: Truven Health Analytics, 2014
Percentage of Total Medicaid HCBS LTCSS Expenditures to Total Medicaid LTCSS Expenditures for Older People and People with Physical Disabilities, FFY 2012

<table>
<thead>
<tr>
<th>State</th>
<th>Percentage of LTCSS For HCBS</th>
<th>2012 Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minnesota</td>
<td>65.4%</td>
<td>1</td>
</tr>
<tr>
<td>Alaska</td>
<td>62.4%</td>
<td>2</td>
</tr>
<tr>
<td>Washington</td>
<td>61.7%</td>
<td>3</td>
</tr>
<tr>
<td>Oregon</td>
<td>60.7%</td>
<td>4</td>
</tr>
<tr>
<td>California</td>
<td>57.1%</td>
<td>5</td>
</tr>
<tr>
<td>Texas</td>
<td>50.1%</td>
<td>6</td>
</tr>
<tr>
<td>DC</td>
<td>47.9%</td>
<td>7</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>47.9%</td>
<td>7</td>
</tr>
<tr>
<td>New York</td>
<td>45.9%</td>
<td>9</td>
</tr>
<tr>
<td>Colorado</td>
<td>45.5%</td>
<td>10</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>24.7%</td>
<td></td>
</tr>
</tbody>
</table>

Note: Total LTCSS includes HCBS, LIFE and NF

Source: Truven Health Analytics, 2014
State Funded HCBS Per Person in the State, 2009

Note: For PA, this includes Act 150 and Options

Source: AARP Public Policy Institute, 2012
### Economic Value of Family Caregivers Per 1000 Population, 2009

<table>
<thead>
<tr>
<th>State</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK</td>
<td>$1,310</td>
</tr>
<tr>
<td>CO</td>
<td>$1,660</td>
</tr>
<tr>
<td>MA</td>
<td>$1,570</td>
</tr>
<tr>
<td>MN</td>
<td>$1,440</td>
</tr>
<tr>
<td>NY</td>
<td>$1,580</td>
</tr>
<tr>
<td>OR</td>
<td>$1,630</td>
</tr>
<tr>
<td>PA</td>
<td>$1,580</td>
</tr>
<tr>
<td>WA</td>
<td>$1,590</td>
</tr>
<tr>
<td>WI</td>
<td>$1,460</td>
</tr>
<tr>
<td>Average</td>
<td>$1,460</td>
</tr>
</tbody>
</table>

Note: PA’s total economic value was $19.9 billion

Source: AARP Public Policy Institute, 2012
Pennsylvania LTCSS Data Comparison

• Percent of Medicaid LTCSS spent on HCBS
• OLTL Utilization and Expenditure Data Department of Aging Utilization and Expenditure Data
• Department of Aging Activities of Daily Living Data
Percentage of Medicaid LTCSS Expenditures For HCBS to Total LTCSS Expenditures for Older Individuals and Individuals with Physical Disabilities, FFY 2007 to FFY 2012

Note: Total LTCSS includes HCBS, LIFE and NF

Source: Truven Health Analytics, 2014
OLTL LTCSS Data 2007 - 2011

- Waiver users by age group
- Users by program type
- Total expenditures by program type
- Monthly spend comparison by age group
- Average cost by user by program type
- Consumer and average spend comparison
- Service comparisons per 1000 users
Waiver Users SFY 2007/2008 to 2012/2013 By Age Group

Source: PROMISe Data Warehouse; Date of Extraction: 6/01/2014; Information includes both paid Claims and Supplemental Payments
SFY 2007/2008 to 2012/2013 LTCSS Users by Program Type

Source: PROMISe Data Warehouse; Date of Extraction: 6/01/2014; Information includes both paid Claims and Supplemental Payments
SFY 2007/2008 to 2012/2013 LTCSS Users Per 1000

Source: U.S. Census Bureau, Population Division
Total LTCSS Expenditures SFY 2007/2008 to 2012/2013 By Program Type

Source: PROMISe Data Warehouse; Date of Extraction: 6/01/2014; Information includes both paid Claims and Supplemental Payments
Average Monthly Spend Per Waiver User SFY 2007/2008 to 2012/2013 By Age

The Average Monthly cost per unduplicated users is calculated as the total expenditures for the fiscal year divided by the total unduplicated users for the year. Since the users are unduplicated at a fiscal year level, the average may not be representative of 12 months of expenditures per user.

Source: PROMISE Data Warehouse; Date of Extraction: 6/01/2014; Information includes both paid Claims and Supplemental Payments
<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>NF</th>
<th>HCBS</th>
<th>LIFE</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFY 2007-08</td>
<td>$42,537</td>
<td>$19,574</td>
<td>$35,437</td>
<td>$97,548</td>
</tr>
<tr>
<td>SFY 2008-09</td>
<td>$43,565</td>
<td>$20,050</td>
<td>$35,565</td>
<td>$100,180</td>
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<tr>
<td>SFY 2009-10</td>
<td>$42,384</td>
<td>$20,243</td>
<td>$35,557</td>
<td>$98,284</td>
</tr>
<tr>
<td>SFY 2010-11</td>
<td>$43,770</td>
<td>$21,539</td>
<td>$36,460</td>
<td>$101,769</td>
</tr>
<tr>
<td>SFY 2011-12</td>
<td>$43,484</td>
<td>$22,072</td>
<td>$34,829</td>
<td>$100,385</td>
</tr>
<tr>
<td>SFY 2012-13</td>
<td>$43,469</td>
<td>$22,555</td>
<td>$32,584</td>
<td>$100,594</td>
</tr>
</tbody>
</table>

Source: PROMISe Data Warehouse; Date of Extraction: 6/01/2014; Information includes both paid Claims and Supplemental Payments.

The Average Monthly cost per unduplicated users is calculated as the total expenditures for the fiscal year divided by the total unduplicated users for the year. Since the users are unduplicated at a fiscal year level, the average may not be representative of 12 months of expenditures per user.
Department of Aging Utilization Data 2011 - 2013

- Total state funds spend
- Assessments per 1000 by referral type
- Assessments per 1000 by service
State Funds Spent on Department of Aging Services
SFY 2011/2012 to 2012/2013

Expenditure data: Department of Aging
Assessments Per 1000 Total PA Population
By Referral Type SFY 2011/2012 to 2012/2013

Assessment data: Department of Aging
Population Data: U.S. Census Bureau, Population Division
Department of Aging Data on Activities of Daily Living (ADL) Comparisons between 7/1/11 and 6/30/13

- Need for assistance with indoor walking
- Need for assistance with bathing
- Need for assistance with dressing
- Need for assistance with grooming
- Need for assistance with eating
- Need for assistance with transfer
- Need for assistance with toileting
- Percent diagnosis of dementia
- Frequency and duration of need for supervision
ADL Responses

• Initial Level of Care Assessments (LOCA) were completed for 6,795 individuals between 7/1/2011 and 6/30/12.

• A recertification LOCA was completed for these same 6,795 individuals the next year.

• The following slides compare the results.
Definition of Response Scores

• 0 – Didn’t answer
• 1 – Independent
• 2 - Uses Assistive Device, Takes a Long Time, or Does with Great Difficulty
• 3 - Does with Supervision, Setup, Cueing or Coaxing
• 4 - Does with Hands On Help
• 5 - Does with Maximum Help or Does Not Do At All. Helper Does More Than Half
Need for Assistance with Indoor Walking

Source: Department of Aging
Need for Assistance with Bathing

Source: Department of Aging
Need for Assistance with Dressing

Source: Department of Aging
Need Assistance with Grooming

Source: Department of Aging
Need for Assistance with Eating

Initial Percent
Recertification Percent

Source: Department of Aging
Need for Assistance with Transfer

Source: Department of Aging
Need for Assistance with Toileting

Source: Department of Aging
Percent Diagnosis of Dementia

- Consumer Reported-not treated by regular plan of care by skilled medical professional
- Not Present-No diagnosis by skilled medical professional
- Present-Diagnosis and regular plan of care by a skilled medical professional
- Unreported

Expenditure data: Department of Aging
Frequency and Duration of Need for Supervision

- Indefinitely
- Entire Day and Overnight
- 8 Hours A Day - Day or Night
- 8 Hours a Day - Daytime Only
- A Few Hours
- Can't Be Left Alone
- Unknown

Source: Department of Aging
Questions?