

THE OHIO LONG-TERM CARE RESEARCH PROJECT

Annual Report FY 2017-18

Scripps Gerontology Center, Miami University

An Ohio Center of Excellence

With more than 2.6 million people age 60 and older, Ohio ranks sixth nationally in the size of its aged population. **A growing older population is a marker of successful societal advancement. Such increases require effective planning and innovative policies, particularly in the area of long-term services and supports.**

The number of older Ohioans with severe disability is projected to increase by 43% to 262,000 between 2015 and 2030. Compounding the effect of demographic change is the fact that today Ohio's Medicaid program accounts for one-quarter of total state expenditures, with almost 40% of that total allocated to long-term services.

Ohio's quest to support the health, independence, and quality-of-life of older citizens with disability in a fiscally responsible manner will be one of the biggest challenges facing state policymakers.

Ohio's Population (2015 - 2030)

Age Group	Population 2015	Population 2030	Percent Change 2015 - 2030
All Ages	11.64 Million	11.76 Million	1.6
60 and over	2.60 Million	3.37 Million	30.0
65 and over	1.84 Million	2.58 Million	40.2
80 and over	482,518	704,362	46.0

Source: Mehdizadeh, S., Applebaum, R., Nelson, M., & Straker, J. K. (2017). *Policy does matter: Continued progress in providing long-term services and supports for Ohio's older population*. Scripps Gerontology Center, Miami University: Oxford, Ohio.



NEARLY

10,000

PAGE VIEWS ON
OUR WEBSITE

OHIO-POPULATION.ORG

OUR RECENT LONG-TERM
CARE REPORTS
DOWNLOADED

5,500+

TIMES IN FY 2017-18

15

PRESENTATIONS
TO PROFESSIONAL
ORGANIZATIONS

The Ohio Long-Term Care Research Project (OLTCRP) was established by the Ohio legislature in 1988 and is housed at Scripps Gerontology Center, an Ohio Center of Excellence at Miami University. The OLTCRP provides applied research, policy analysis, technical assistance, training and education for Ohio legislators, public administrators, service providers, and the community at large. The OLTCRP supports original research projects and evidence-based programmatic innovations; dissemination of research findings through journal articles, reports, briefings, and educational sessions with legislators and professionals; and the distribution of informational materials to consumers and their families.

2017/18 Major Research Activities

- » Tracking trends on home- and community-based and institutional long-term services
- » Improvements in measuring nursing home resident and family satisfaction
- » Examining Ohio's nursing home quality in a national context
- » Adult guardianship in Ohio
- » Projected growth of Ohio's older population with disability
- » Improving the family caregiving process
- » An evaluation of service access models in senior housing
- » Trend of those under age 65 using nursing homes in Ohio

Products and Research Impact

To meet our goal of providing effective information to a variety of audiences we disseminate our research results in various formats. Our population website (ohio-population.org) had nearly 10,000 page views; our recent long-term care reports were downloaded over 5,500 times; our publications about continued progress in providing long-term services and supports for Ohio's older population have been downloaded more than 1,500 times. The OLTCRP also allowed Scripps to partner with the Ohio Department of Medicaid to draw \$250,000 in federal matching funds for several state projects.

The wide use of our research findings impacts older Ohioans in a variety of ways.

Our report on the growth of individuals under age 65 using nursing homes was discussed extensively in the media and we hope will contribute to continued efforts to improve facility quality. Our work on long-term services utilization documented dramatic improvements in how Ohio has been able to rebalance its delivery system and helped policy makers to better serve Ohioans with disability. Our study of Ohio's new guardianship legislative change provided critical information about how the program is being implemented across the state. These and the other studies funded by the OLTCRP are designed to improve the efficiency and effectiveness of long-term services in our state and to help prepare Ohio for the dramatic increase in older people that we will experience between now and 2040.

Age Distribution of Medicaid Long-Stay Nursing Home Residents, Ohio Compared to the Nation

	Age 0-44	Age 45-54	Age 55-64	Age 65-74	Age 75-84	Age 85-94	Age 95+	Age Under 65	Age 65 and Over
2011									
Ohio (N=53,989)	2.3%	5.6%	11.3%	14.9%	26.6%	32.6%	6.7%	19.2%	80.8%
National (N=877,279)	2.2%	4.5%	9.8%	14.6%	26.9%	34.0%	8.0%	16.5%	83.5%
2013									
Ohio (N=54,067)	2.2%	5.4%	12.4%	15.8%	25.8%	31.5%	6.9%	20.0%	80.0%
National (N=904,256)	2.1%	4.3%	10.4%	15.8%	26.1%	33.2%	8.1%	16.9%	83.1%
2015									
Ohio (N=53,901)	2.0%	5.1%	12.8%	17.5%	25.2%	30.5%	7.0%	19.9%	80.2%
National (N=928,300)	2.1%	4.2%	11.1%	17.0%	25.6%	31.9%	8.2%	17.4%	82.6%

Source: Nelson, M. & Bowblis, J. (2017). *A new group of medicaid nursing home residents: The unexpected trend of those under age 65 using nursing homes in Ohio*. Scripps Gerontology Center, Miami University: Oxford, Ohio.



Beds Per 65+ (Estimated/Projected) Population Ratio among Ohio Counties in 2009 - 2020

Beds Per 1,000 65+ Population	2009 (Optimal Bed Per 1,000)			2015 (Optimal Bed Per 1,000)			2020 (Optimal Bed Per 1,000)		
	N of Counties	% of State 65+ Population	Average Occupancy Rate	N of Counties	% of State 65+ Population	Average Occupancy Rate	N of Counties	% of State 65+ Population	Average Occupancy Rate*
Under-Bedded by More than 15 Beds	5	3.4	86.3	2	1.4	78.2	2	1.5	78.2
Under-Bedded by Less than 15 up to 5 Beds	17	20	86.4	15	13.2	78.1	15	12.3	77.6
Under or Over-Bedded by 5 beds	27	30.7	85.1	35	41.6	83.4	33	37.9	83
Over-Bedded by 5 to 15 Beds	21	37.5	82.7	24	31.2	82.1	26	41.7	83.6
Over-Bedded by more 15 Beds	17	8.4	83.5	12	12.6	83.0	12	6.6	82.4
Total (Average)	88	100	85.2	88	100	82.4	18	100	82.4

Note: Optimal beds per 1,000 65+ were 54, 46, and 42 in 2009, 2015, and 2020 respectively.
*Assuming occupancy rate remains as 2015.

Source: Mehdizadeh, S., Sauer, P. E., Nelson, M., & Hua, C. (2018). *The impact of state nursing home bed relocation policy in Ohio*. Scripps Gerontology Center, Miami University: Oxford, Ohio.

Research Reports Released in 2017/18

Reece, H. R., & Roberts, A. R. (2017). *Ohio guardianship, guardians, and the courts: Findings from the Survey of Adult Guardianship in Ohio*. Scripps Gerontology Center, Miami University: Oxford, Ohio.

Mehdizadeh, S., Nelson, M., Applebaum, R. & Straker, J. K. (2017). *Policy does matter: Continued progress in providing long-term services and supports for Ohio's older population*. (Full Report & Research Brief). Scripps Gerontology Center, Miami University: Oxford, Ohio.

Nelson, M., & Bowblis, J. (2017). *A new group of long-stay Medicaid nursing home residents: The unexpected trend of those under age 65 using nursing homes in Ohio*. (Research Brief). Scripps Gerontology Center, Miami University: Oxford, Ohio.

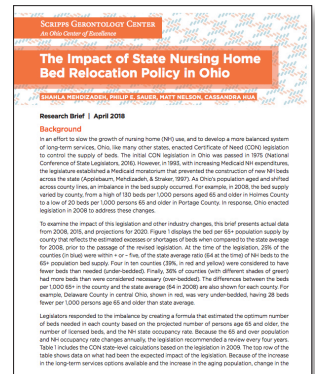
Mehdizadeh, S., Nelson, M., & Applebaum, R. (2017). *PASSPORT, Assisted Living Waiver, and MyCare use by region, 2016*. Unpublished deliverable to the Ohio Department of Aging.

Bowblis, J., & Applebaum, R. (2017). *Using national data to examine the quality of care in Ohio's skilled nursing facilities*. Scripps Gerontology Center, Miami University: Oxford, Ohio.

Mehdizadeh, S. (2017). *Serving an increasing older population with severe disability: Serious challenges await Ohio over the next twenty years*. Scripps Gerontology Center, Miami University: Oxford, Ohio.

Mehdizadeh, S., Sauer, P. E., Nelson, M., & Hua, C. (2018). *The impact of state nursing home bed relocation policy in Ohio*. Scripps Gerontology Center, Miami University: Oxford, Ohio.

Our research portfolio is available online at:
[MiamiOH.edu/ScrippsAging/Publications](https://miamioh.edu/ScrippsAging/Publications)



Presentation Highlights in 2017/18

Ohio Meetings

- » Ohio Person-Centered Care Coalition
- » Ohio Health Care Association Annual Meeting
- » Ohio LeadingAge Annual Conference
- » Ohio Senior Health Sciences Annual Conference
- » Health Policy Institute of Ohio, Conference on Planning for an Aging Society

Regional or National Meetings

- » Aging in America Annual Conference
- » International World Congress of Gerontology & Geriatrics
- » Academy Health Annual Research Meeting
- » Midwest Economic Association Annual Meeting

Journal Articles in 2017/18

Lokon, E., Li, Y., & Parajuli, J. (2017). Using art in an intergenerational program to improve students' attitudes toward people with dementia. *Journal of Gerontology and Geriatrics Education* 38(4), 407-424. DOI: 10.1080/02701960.2017.1281804

Bowblis, J. R., & Applebaum, R. (2017). How does Medicaid reimbursement impact nursing home quality? The effects of small anticipatory changes. *Health Services Research*, 52(5), 1729-1748.

Applebaum, R., & Cummins P. A. (2017). From rock 'n' roll to rock 'n' chair: Are baby boomers financially ready for retirement? *Generations*, 41(2), 88-94.

The Ohio Long-Term Care Research Project is an extension of the nationally recognized research and education undertaken by Scripps Gerontology Center for over 30 years.

For more information about the project, visit ScrippsAging.org, contact Robert Applebaum, Ohio Long-Term Care Project Director or Suzanne Kunkel, Executive Director, Scripps Gerontology Center (513-529-2914).



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