## Lempster (Sullivan)



HEALTHY AGING INDICATORS	BETTER / WORSE STATE RATE <sup>1</sup>	COMMUNITY ESTIMATE	MARGIN OF ERROR <sup>2</sup>	STATE ESTIMATE	MARGIN OF ERROR <sup>2</sup>
POPULATION CHARACTERISTICS					
Age-sex adjusted 1-year mortality rate		3.3%	[ 2.18% - 4.51% ]	4.1%	[ 4.02% - 4.19%]
WELLNESS & PREVENTION					
% 60+ with any physical activity within last month		71.7%	[ 67.23% - 76.10% ]	74.5%	[ 73.36% - 75.59% ]
% 60+ met CDC guidelines for muscle-strengthening activity		26.4%	[ 21.62% - 31.13% ]	26.0%	[ 24.93% - 27.14% ]
% 60+ met CDC guidelines for aerobic physical activity		59.6%	[ 54.26% - 64.88% ]	58.6%	[ 57.33% - 59.82% ]
% 60+ met CDC guidelines for both types of physical activities		20.1%	[ 15.76% - 24.39% ]	19.9%	[ 18.92% - 20.93% ]
% 60+ getting recommended hours of sleep		70.6%	[ 66.26% - 75.03% ]	66.4%	[ 65.16% - 67.60% ]
% 60+ injured in a fall within last 12 months		11.2%	[ 8.63% - 13.84% ]	10.4%	[ 9.65% - 11.16% ]
% 65+ had hip fracture		3.3%	[ 2.44% - 4.22% ]	3.3%	[ 3.19% - 3.34%]
% 60+ with self-reported fair or poor health status		18.1%	[ 14.47% - 21.72% ]	16.5%	[ 15.54% - 17.40% ]
% 60+ with 15+ physically unhealthy days last month		13.5%	[ 10.20% - 16.74% ]	12.5%	[ 11.69% - 13.37% ]
% 60+ with physical exam/check-up in past year		84.8%	[ 81.54% - 88.14% ]	86.5%	[ 85.66% - 87.39% ]
% 60+ met CDC preventive health screening goals		40.7%	[ 34.84% - 46.59% ]	40.3%	[ 38.77% - 41.81% ]
% 60+ flu shot past year		60.6%	[ 55.62% - 65.57% ]	59.3%	[ 58.06% - 60.63% ]
% 65+ with pneumonia vaccine		78.0%	[ 73.23% - 82.81% ]	77.8%	[ 76.56% - 79.12% ]
% 60+ with cholesterol screening		94.1%	[ 91.70% - 96.56% ]	95.3%	[ 94.78% - 95.82% ]
% 60+ women with a mammogram within last 2 years		76.7%	[ 71.52% - 81.92% ]	79.3%	[ 77.96% - 80.69% ]
% 60+ with colorectal cancer screening		73.1%	[ 68.64% - 77.52% ]	77.0%	[ 75.92% - 78.16% ]
% 60+ with HIV test		13.1%	[ 9.92% - 16.36% ]	13.5%	[ 12.50% - 14.41% ]
% 60+ current smokers		7.4%	[ 5.03% - 9.72% ]	8.1%	[ 7.38% - 8.79%]
Oral Health					
% 60+ with loss of 6 or more teeth		32.8%	[ 28.12% - 37.48% ]	29.0%	[ 27.79% - 30.12% ]
% 60+ with annual dental exam		73.2%	[ 69.17% - 77.29% ]	75.7%	[ 74.65% - 76.84% ]
NUTRITION/DIET					
% 60+ with 5 or more servings of fruit or vegetables per day		18.2%	[ 14.27% - 22.19% ]	20.2%	[ 19.23% - 21.21% ]
% 60+ self-reported obese		31.5%	[ 26.65% - 36.42% ]	27.2%	[ 26.03% - 28.35% ]
% 65+ clinically diagnosed obese	В	13.8%	[ 11.32% - 16.37% ]	16.7%	[ 16.56% - 16.94% ]
% 65+ with high cholesterol	В	66.4%	[ 63.05% - 69.66% ]	72.2%	[ 72.01% - 72.44%]
% 60+ excessive drinking		8.2%	[ 5.57% - 10.86%]	9.2%	[ 8.45% - 9.94%]

Lempster (Sullivan) Page 1

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BEHAVIORAL HEALTH						
% 60+ with 15+ days poor mental health last month		5.6%	[	3.68% - 7.60% ]	6.9%	[ 6.29% - 7.61% ]
% 65+ with depression	В	22.1%	[	19.29% - 24.92% ]	28.8%	[ 28.59% - 29.01% ]
% 65+ with anxiety disorders	В	16.0%	[	13.35% - 18.57% ]	21.9%	[ 21.74% - 22.15% ]
% 65+ with bipolar disorders	В	2.1%	[	1.29% - 2.81% ]	3.1%	[ 2.97% - 3.14% ]
% 65+ with post-traumatic stress disorder		1.3%	[	0.59% - 1.95% ]	1.4%	[ 1.35% - 1.48% ]
% 65+ with schizophrenia & other psychotic disorders	В	2.8%	[	1.96% - 3.66% ]	4.9%	[ 4.81% - 5.02% ]
% 65+ with personality disorders		1.1%	[	0.49% - 1.74% ]	1.1%	[ 1.00% - 1.11% ]
% 65+ with substance use disorders (drug use +/or alcohol abuse)	В	3.9%	[	2.49% - 5.25% ]	5.5%	[ 5.41% - 5.64% ]
% 65+ with tobacco use disorders	В	7.1%	[	5.18% - 8.98% ]	10.4%	[ 10.23% - 10.54% ]
CHRONIC DISEASE						
% 65+ with Alzheimer's disease or related dementias	В	9.2%	ſ	7.22% - 11.10% ]	12.0%	[ 11.89% - 12.19% ]
% 65+ with diabetes	В	19.8%		16.89% - 22.61% ]	28.2%	[ 27.97% - 28.41% ]
% 65+ with stroke	В	8.2%	ī	6.34% - 9.96% ]	10.8%	[ 10.64% - 10.92% ]
% 65+ with chronic obstructive pulmonary disease	В	17.7%	<u>.</u>	15.16% - 20.29% ]	20.5%	[ 20.36% - 20.73% ]
% 65+ with asthma		11.0%		8.96% - 13.13% ]	13.0%	[ 12.89% - 13.21% ]
% 65+ with hypertension	В	65.3%	[	61.96% - 68.60% ]	70.2%	[ 70.02% - 70.46% ]
% 65+ ever had a heart attack		4.3%	[	2.99% - 5.68% ]	4.5%	[ 4.37% - 4.56%]
% 65+ with ischemic heart disease	В	30.1%	[	26.82% - 33.32% ]	34.3%	[ 34.12% - 34.58% ]
% 65+ with congestive heart failure	В	12.6%	[	10.33% - 14.88% ]	17.7%	[ 17.57% - 17.93% ]
% 65+ with atrial fibrillation		12.7%	[	10.51% - 14.94% ]	14.4%	[ 14.28% - 14.60% ]
% 65+ with peripheral vascular disease		12.4%	[	10.10% - 14.68% ]	14.7%	[ 14.51% - 14.84% ]
% 65+ with osteoarthritis/rheumatoid arthritis		49.6%	[	45.88% - 53.22% ]	49.1%	[ 48.82% - 49.32% ]
% 65+ with osteoporosis		16.4%	[	13.93% - 18.82% ]	17.4%	[ 17.22% - 17.57% ]
% 65+ with leukemias and lymphomas		2.6%	[	1.70% - 3.47% ]	2.0%	[ 1.91% - 2.05%]
% 65+ with lung cancer		1.4%	[	0.77% - 1.98% ]	1.6%	[ 1.54% - 1.66%]
% 65+ with colon cancer		2.0%	[	1.30% - 2.74% ]	2.4%	[ 2.37% - 2.51%]
% 65+ women with breast cancer		10.6%	[	7.75% - 13.52% ]	9.8%	[ 9.59% - 9.96% ]
% 65+ women with endometrial cancer		1.8%	[	0.85% - 2.71% ]	1.7%	[ 1.60% - 1.76% ]
% 65+ men with prostate cancer		11.3%	[	8.30% - 14.32% ]	11.5%	[ 11.24% - 11.68% ]
% 65+ with benign prostatic hyperplasia		40.4%	[	35.57% - 45.16% ]	36.8%	[ 36.47% - 37.14% ]
% 65+ with HIV/AIDS		0.05%	[	0.02% - 0.08% ]	0.05%	[ 0.04% - 0.06% ]
% 65+ with hypothyroidism		21.0%	[	18.25% - 23.75% ]	20.8%	[ 20.62% - 20.99% ]
% 65+ with anemia	В	31.5%	[	28.40% - 34.67% ]	37.3%	[ 37.12% - 37.57% ]
% 65+ with chronic kidney disease	В	14.0%	[	11.60% - 16.47% ]	22.3%	[ 22.14% - 22.54% ]
% 65+ with liver diseases		6.4%	[	4.61% - 8.12% ]	6.9%	[ 6.75% - 6.99%]
% 65+ with fibromyalgia, chronic pain and fatigue	В	13.7%	[	11.20% - 16.12% ]	18.6%	[ 18.42% - 18.80% ]
% 65+ with migraine and other chronic headache		5.3%	[	4.04% - 6.48% ]	4.0%	[ 3.95% - 4.15% ]
% 65+ with epilepsy		1.5%	[	0.79% - 2.15% ]	2.1%	[ 2.00% - 2.14% ]
% 65+ with traumatic brain injury		1.3%	[	0.62% - 1.88% ]	1.1%	[ 1.06% - 1.16% ]

Lempster (Sullivan) Page 2

HEALTHY AGING INDICATORS	BETTER / WORSE STATE RATE <sup>1</sup>	COMMUNITY ESTIMATE	MARGIN OF ERROR <sup>2</sup> I	STATE ESTIMATE	MARGIN OF ERROR <sup>2</sup>
% 65+ with autism spectrum disorders			N/A	0.03%	[ 0.02% - 0.04%
% 65+ with glaucoma	В	18.6%	[ 15.97% - 21.17% ]	22.9%	[ 22.74% - 23.13%
% 65+ with cataract	W	65.8%	[ 62.43% - 69.10% ]	61.2%	[ 61.00% - 61.47%
% 65+ with pressure ulcer or chronic ulcer	В	4.8%	[ 3.30% - 6.30% ]	7.1%	[ 6.99% - 7.24%
% 65+ with 4+ (out of 15) chronic conditions	В	47.8%	[ 44.42% - 51.27% ]	54.4%	[ 54.19% - 54.66%
% 65+ with 0 chronic conditions	В	12.9%	[ 10.44% - 15.28% ]	10.3%	[ 10.12% - 10.42%
LIVING WITH DISABILITY					
% 65+ with clinical diagnosis of deafness or hearing impairment		12.4%	[ 10.13% - 14.69% ]	14.4%	[ 14.23% - 14.56%
% 65+ with clinical diagnosis of blindness or visual impairment	В	0.7%	[ 0.57% - 0.75% ]	0.9%	[ 0.81% - 0.90%
% 65+ with clinical diagnosis of mobility impairments		2.6%	[ 1.69% - 3.43% ]	3.2%	[ 3.14% - 3.31%
ACCESS TO CARE					
Medicare (65+ population)					
% Medicare managed care enrollees	*	2.0%	[ 1.14% - 2.88% ]	7.9%	[ 7.8% - 8.02%
% dually eligible for Medicare and Medicaid	*	3.6%	[ 2.46% - 4.78% ]	7.5%	[ 7.40% - 7.62%
% 60+ with a regular doctor		94.3%	[ 92.11% - 96.48% ]	95.8%	[ 95.34% - 96.33%
% 60+ who did not see doctor when needed due to cost		4.5%	[ 2.77% - 6.18% ]	5.4%	[ 4.75% - 5.97%
SERVICE UTILIZATION					
Physician visits per year	*	4.2	[ 3.8 - 4.5 ]	6.3	[ 6.2 - 6.3
Emergency room visits/1000 persons 65+ years per year		513	[ 439 - 586 ]	572	[ 566 - 578
Part D monthly prescription fills per person per year	*	42.3	[ 39.3 - 45.4 ]	49.1	[ 48.9 - 49.3
Home health visits per year		2.1	[ 1.4 - 2.8 ]	2.5	[ 2.4 - 2.5
Durable medical equipment claims per year	*	1.5	[ 1.2 - 1.8 ]	2.0	[ 2.0 - 2.0
Inpatient hospital stays/1000 persons 65+ years per year		207	[ 165 - 250 ]	237	[ 234 - 241
Medicare inpatient hospital readmissions (as % of admissions)		12.7%	[ 6.62% - 18.82% ]	15.8%	[ 15.41% - 16.22%
# skilled nursing facility stays/1000 persons 65+ years per year		77	[ 50 - 105 ]	76	[ 74 - 77
% 65+ getting Medicaid long term services and supports	*	2.0%	[ 1.14% - 2.88% ]	3.7%	[ 3.59% - 3.74%
COMMUNITY VARIABLES & CIVIC ENGAGEMENT					
% 60+ who used Internet in last month		76.5%	[ 72.56% - 80.42% ]	77.6%	[ 76.53% - 78.64%
SAFETY & TRANSPORTATION					
% 60+ who always drive wearing a seatbelt		72.2%	[ 67.81% - 76.57% ]	77.1%	[ 76.02% - 78.18%
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Questions or suggestions? Beth.Dugan@umb.edu

Lempster (Sullivan) Page 3

Notes. 

Community-state differences where the margin of error do not overlap each other are noted B, W, or \*.

All community and state margins of error are 95% confidence intervals.

The margin of erroe of the estimate is larger relative to the indicator value for current smokers, excessive drinking, 15+ days poor mental health last montth, and did not see doctor when needed due to cost.