



INSTITUTE FOR HEALTHCARE POLICY AND INNOVATION

NATIONAL POLL ON HEALTHY AGING  
UNIVERSITY OF MICHIGAN

# Michigan Poll on Healthy Aging

## Wave 2 Survey Data: Health and Household

**Topics:** health; household; experiences with grandchildren; social isolation and loneliness; caregiving; COVID-19 vaccine intention

**Survey:** Michigan Poll on Healthy Aging Wave 2

**Fielded as part of:** National Poll on Healthy Aging (NPHA) Wave 15 Survey

**Survey period:** August 2024

**Survey mode:** Online or by telephone

**Sampled population:** Michigan adults age 50 and over

**Full sample:** 1175 Michigan adults age 50-94

**Margin of error:** +/- 4 percentage points for questions asked of Michigan adults age 50 and over; higher among subgroups

### Additional data and findings from Wave 2:

- Climate and Health [data](#) and [article](#)
- Friendships [data](#) and [article](#)
- Long-Term Care [data](#) and [article](#)
- Work and Health [data](#) and [article](#)

**Summary:** In August 2024, the [Michigan Poll on Healthy Aging](#) surveyed Michigan adults age 50 and over about **their health, household, experiences with grandchildren, social isolation and loneliness, caregiving, and COVID-19 vaccine intention.**

This report presents results from poll data weighted to reflect the Michigan population. Most tables include comparisons by demographics and other characteristics. We show results by age, gender, race and ethnicity, household income, education, [region](#), urbancity, physical and mental health status, disability, chronic condition, and household composition (e.g., living alone). The tables also show how the responses of adults age 50 and older in Michigan compare to those in the rest of the United States. Each table includes weighted percentages and 95% confidence intervals (CI). Some results are omitted due to subgroup size of less than 50 people. The total number of respondents answering each question may vary as some respondents may not have answered every survey question.

The Michigan Poll on Healthy Aging is directed by the University of Michigan Institute for Healthcare Policy and Innovation, with support from the Michigan Health Endowment Fund and Michigan Medicine, U-M's academic medical center. [Learn more about the poll.](#)



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## In general, how would you rate your physical health?

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]				
	Excellent	Very good	Good	Fair	Poor
<b>Michigan vs national</b>					
Michigan (n = 1173)	4.9 [3.6, 6.8]	34.3 [30.5, 38.2]	40.9 [37.0, 45.0]	16.2 [13.6, 19.2]	3.6 [2.3, 5.7]
National, non-Michigan (n = 3134)	5.6 [4.7, 6.8]	33.8 [31.6, 36.1]	40.7 [38.4, 43.1]	16.7 [14.9, 18.5]	3.2 [2.4, 4.3]
<b>Age</b>					
50-64 (n = 510)	4.6 [2.8, 7.3]	35.6 [30.0, 41.6]	36.6 [30.9, 42.8]	18.2 [14.1, 23.2]	5.0 [2.8, 8.6]
65+ (n = 663)	5.3 [3.4, 8.2]	32.8 [28.1, 38.0]	45.4 [40.2, 50.7]	14.2 [11.2, 17.8]	2.3 [1.2, 4.5]
<b>Gender identity</b>					
Men (n = 464)	5.4 [3.2, 8.9]	33.4 [27.9, 39.4]	40.7 [34.5, 47.3]	17.0 [13.0, 21.9]	3.4 [1.7, 6.7]
Women (n = 702)	4.6 [3.1, 6.7]	34.1 [29.2, 39.3]	42.0 [37.1, 47.1]	15.5 [12.2, 19.4]	3.9 [2.1, 6.9]
<b>Race and ethnicity</b>					
Asian, non-Hispanic (n = 16)	-	-	-	-	-
Black, non-Hispanic (n = 297)	6.6 [4.0, 10.7]	32.2 [24.8, 40.6]	39.0 [31.4, 47.1]	17.0 [12.3, 23.0]	5.2 [2.6, 10.1]
Hispanic (n = 14)	-	-	-	-	-
White, non-Hispanic (n = 819)	4.9 [3.3, 7.1]	34.9 [30.6, 39.3]	40.8 [36.4, 45.4]	15.7 [12.8, 19.1]	3.7 [2.2, 6.2]
<b>Household income***</b>					
Less than \$60,000 (n = 744)	3.5 [2.1, 5.8]	27.9 [23.4, 32.9]	40.4 [35.3, 45.7]	22.2 [18.3, 26.6]	6.0 [3.8, 9.3]
\$60,000 or greater (n = 429)	7.0 [4.6, 10.5]	43.3 [37.2, 49.6]	41.7 [35.6, 48.1]	7.7 [5.1, 11.5]	0.3 [0.1, 1.2]
<b>Education***</b>					
Some college or less (n = 799)	4.4 [2.9, 6.6]	29.7 [25.3, 34.4]	41.7 [36.8, 46.8]	19.4 [15.9, 23.4]	4.8 [3.0, 7.7]
Bachelor's degree or higher (n = 374)	6.2 [3.5, 10.6]	45.5 [38.9, 52.3]	39.0 [32.7, 45.7]	8.6 [6.0, 12.1]	0.7 [0.3, 2.1]
<b>Michigan region</b>					
Northern & Upper Peninsula (n = 234)	2.8 [1.2, 6.4]	36.3 [29.1, 44.2]	42.8 [35.5, 50.4]	15.5 [10.5, 22.2]	2.5 [0.9, 7.2]
Southeast (n = 403)	4.7 [2.6, 8.4]	38.6 [32.1, 45.5]	39.7 [33.1, 46.7]	14.7 [10.7, 20.0]	2.2 [1.0, 4.6]
Southwest & South Central (n = 251)	7.1 [3.9, 12.5]	30.0 [23.7, 37.2]	45.6 [38.5, 52.9]	15.9 [11.4, 21.6]	1.4 [0.4, 5.4]
Central (n = 285)	5.1 [3.0, 8.6]	29.4 [23.5, 36.2]	40.1 [33.0, 47.6]	18.6 [13.8, 24.5]	6.7 [3.6, 12.3]
<b>Urbanicity</b>					
Urban (n = 59)	3.3 [0.7, 13.5]	30.8 [18.6, 46.5]	54.8 [39.0, 69.7]	8.6 [3.7, 18.7]	2.4 [0.3, 15.4]
Suburban (n = 173)	6.5 [3.2, 12.7]	44.1 [35.5, 53.2]	37.8 [29.5, 46.9]	10.2 [6.3, 16.0]	1.4 [0.4, 5.6]
Rural (n = 116)	1.3 [0.2, 8.7]	37.2 [26.8, 48.8]	41.8 [29.9, 54.7]	11.1 [6.2, 18.9]	8.7 [2.9, 23.4]
<b>Mental health***</b>					
Excellent, very good, or good (n = 1004)	5.2 [3.7, 7.3]	37.9 [33.8, 42.2]	43.8 [39.4, 48.2]	11.1 [8.8, 13.8]	2.0 [1.1, 3.7]
Fair or poor (n = 152)	3.3 [1.0, 10.5]	9.7 [4.6, 19.0]	19.0 [12.7, 27.5]	52.6 [41.4, 63.5]	15.4 [8.2, 27.1]
<b>Disability***</b>					
Disability that limits daily activities (n = 547)	1.0 [0.5, 2.3]	14.9 [11.3, 19.5]	43.7 [37.9, 49.7]	32.1 [26.9, 37.8]	8.3 [5.3, 12.7]
No disability that limits daily activities (n = 624)	8.0 [5.6, 11.2]	49.2 [43.8, 54.7]	38.8 [33.5, 44.4]	4.0 [2.5, 6.2]	0.0 [0.0, 0.3]
<b>Chronic condition</b>					
Yes (n = 193)	4.5 [1.6, 11.7]	31.4 [23.7, 40.3]	48.2 [38.9, 57.5]	11.3 [7.5, 16.7]	4.6 [1.9, 10.9]
No (n = 980)	5.1 [3.7, 6.9]	35.1 [31.0, 39.5]	38.7 [34.5, 43.1]	17.7 [14.6, 21.4]	3.3 [2.0, 5.5]
<b>Lives alone**</b>					
Yes (n = 381)	2.5 [1.3, 4.6]	28.0 [22.1, 34.9]	51.1 [43.7, 58.5]	15.2 [11.4, 20.1]	3.2 [1.4, 7.2]
No (n = 792)	6.1 [4.2, 8.7]	37.1 [32.5, 41.9]	36.3 [31.9, 41.0]	16.7 [13.4, 20.6]	3.9 [2.3, 6.5]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001

## In general, how would you rate your mental health?

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]				
	Excellent	Very good	Good	Fair	Poor
<b>Michigan vs national</b>					
Michigan (n = 1158)	17.4 [14.7, 20.5]	38.4 [34.5, 42.4]	31.9 [28.1, 36.0]	10.9 [8.6, 13.6]	1.4 [0.8, 2.6]
National, non-Michigan (n = 3097)	19.8 [18.0, 21.7]	40.5 [38.2, 42.9]	29.1 [27.0, 31.4]	8.9 [7.6, 10.5]	1.6 [1.1, 2.4]
<b>Age***</b>					
50-64 (n = 505)	14.0 [10.5, 18.3]	34.5 [29.0, 40.5]	33.6 [27.9, 39.9]	15.7 [11.8, 20.6]	2.2 [1.0, 4.6]
65+ (n = 653)	21.0 [17.1, 25.5]	42.4 [37.3, 47.8]	30.2 [25.4, 35.4]	5.8 [4.1, 8.2]	0.6 [0.2, 1.6]
<b>Gender identity</b>					
Men (n = 455)	18.9 [14.7, 24.0]	37.3 [31.5, 43.5]	33.8 [27.7, 40.5]	9.3 [6.3, 13.7]	0.7 [0.3, 1.6]
Women (n = 696)	15.6 [12.4, 19.5]	39.6 [34.6, 44.8]	30.1 [25.7, 34.9]	12.5 [9.4, 16.4]	2.2 [1.0, 4.6]
<b>Race and ethnicity*</b>					
Asian, non-Hispanic (n = 15)	-	-	-	-	-
Black, non-Hispanic (n = 293)	23.8 [17.8, 31.0]	37.3 [29.5, 45.8]	26.2 [19.8, 33.8]	12.4 [8.5, 17.6]	0.3 [0.1, 0.9]
Hispanic (n = 14)	-	-	-	-	-
White, non-Hispanic (n = 809)	17.4 [14.3, 21.0]	38.8 [34.5, 43.4]	32.4 [28.1, 37.0]	9.8 [7.5, 12.8]	1.6 [0.8, 3.1]
<b>Household income***</b>					
Less than \$60,000 (n = 734)	14.5 [11.4, 18.4]	33.3 [28.6, 38.3]	37.2 [32.0, 42.6]	13.2 [10.0, 17.1]	1.9 [0.9, 3.9]
\$60,000 or greater (n = 424)	21.5 [16.9, 26.8]	45.7 [39.5, 52.1]	24.4 [19.2, 30.6]	7.6 [4.8, 11.7]	0.8 [0.3, 2.0]
<b>Education</b>					
Some college or less (n = 791)	16.4 [13.3, 20.1]	36.2 [31.6, 41.1]	34.0 [29.2, 39.1]	12.2 [9.4, 15.8]	1.1 [0.4, 2.9]
Bachelor's degree or higher (n = 367)	19.7 [14.8, 25.7]	43.8 [37.2, 50.6]	26.9 [21.3, 33.3]	7.5 [4.6, 12.0]	2.1 [1.1, 4.3]
<b>Michigan region</b>					
Northern & Upper Peninsula (n = 233)	16.6 [11.3, 23.7]	43.0 [35.6, 50.8]	29.7 [23.5, 36.7]	8.2 [4.4, 14.7]	2.5 [0.9, 6.6]
Southeast (n = 395)	18.0 [13.5, 23.6]	41.1 [34.5, 48.1]	29.4 [23.1, 36.5]	11.1 [7.5, 16.0]	0.5 [0.1, 1.5]
Southwest & South Central (n = 247)	20.2 [15.0, 26.7]	36.4 [29.7, 43.6]	32.6 [26.1, 39.9]	9.5 [6.0, 14.6]	1.3 [0.4, 4.4]
Central (n = 283)	15.8 [11.5, 21.3]	34.0 [27.5, 41.1]	35.8 [28.9, 43.4]	12.1 [8.1, 17.6]	2.4 [0.9, 6.3]
<b>Urbanicity</b>					
Urban (n = 60)	8.3 [3.4, 18.9]	52.2 [36.4, 67.5]	33.3 [19.6, 50.4]	6.2 [2.3, 15.6]	00.0
Suburban (n = 170)	19.4 [13.2, 27.5]	46.8 [37.9, 55.8]	27.6 [20.1, 36.5]	5.1 [2.5, 10.2]	1.2 [0.4, 3.3]
Rural (n = 115)	16.8 [9.6, 27.6]	31.0 [21.9, 41.9]	37.1 [25.4, 50.5]	9.1 [4.4, 17.9]	6.0 [1.5, 20.9]
<b>Physical health***</b>					
Excellent, very good, or good (n = 912)	19.7 [16.5, 23.4]	43.6 [39.2, 48.2]	31.7 [27.4, 36.4]	4.6 [3.2, 6.6]	0.3 [0.1, 0.9]
Fair or poor (n = 244)	8.2 [4.7, 14.0]	16.8 [11.8, 23.4]	32.8 [25.1, 41.5]	36.2 [28.0, 45.3]	6.0 [3.0, 11.8]
<b>Disability***</b>					
Disability that limits daily activities (n = 535)	12.2 [9.0, 16.2]	28.1 [23.0, 33.8]	38.5 [32.7, 44.6]	18.5 [14.2, 23.7]	2.8 [1.4, 5.6]
No disability that limits daily activities (n = 622)	21.3 [17.3, 25.9]	46.2 [40.8, 51.7]	27.0 [22.1, 32.6]	5.1 [3.2, 7.9]	0.4 [0.1, 1.3]
<b>Chronic condition</b>					
Yes (n = 190)	19.3 [12.9, 28.0]	39.9 [31.1, 49.3]	31.7 [23.5, 41.3]	6.3 [3.5, 11.0]	2.8 [0.9, 8.5]
No (n = 968)	16.8 [14.0, 20.0]	37.9 [33.7, 42.3]	32.0 [27.8, 36.5]	12.3 [9.5, 15.6]	1.0 [0.5, 1.9]
<b>Lives alone</b>					
Yes (n = 377)	15.8 [11.5, 21.3]	37.0 [30.1, 44.5]	36.0 [28.8, 43.9]	9.9 [6.7, 14.4]	1.3 [0.6, 3.1]
No (n = 781)	18.1 [14.8, 22.0]	39.0 [34.5, 43.8]	30.1 [25.7, 34.8]	11.3 [8.5, 14.9]	1.5 [0.6, 3.3]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001

## How would you rate your memory overall?

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]				
	Excellent	Very good	Good	Fair	Poor
<b>Michigan vs national</b>					
Michigan (n = 1167)	9.8 [7.9, 12.3]	35.5 [31.8, 39.4]	39.3 [35.3, 43.3]	13.4 [10.8, 16.6]	2.0 [1.2, 3.4]
National, non-Michigan (n = 3122)	9.5 [8.2, 11.1]	37.0 [34.7, 39.3]	39.3 [37.0, 41.7]	11.9 [10.4, 13.7]	2.2 [1.5, 3.1]
<b>Age*</b>					
50-64 (n = 509)	10.3 [7.4, 14.2]	34.0 [28.5, 39.8]	36.0 [30.4, 42.0]	17.1 [12.7, 22.7]	2.6 [1.2, 5.4]
65+ (n = 658)	9.3 [6.9, 12.5]	37.1 [32.2, 42.3]	42.7 [37.5, 48.1]	9.5 [7.1, 12.5]	1.4 [0.7, 2.6]
<b>Gender identity</b>					
Men (n = 462)	9.8 [7.1, 13.5]	32.3 [26.8, 38.3]	41.7 [35.5, 48.2]	15.2 [11.1, 20.5]	1.0 [0.4, 2.3]
Women (n = 698)	9.3 [6.7, 12.8]	38.7 [33.9, 43.8]	37.1 [32.3, 42.1]	11.9 [8.7, 16.0]	3.0 [1.6, 5.7]
<b>Race and ethnicity**</b>					
Asian, non-Hispanic (n = 16)	-	-	-	-	-
Black, non-Hispanic (n = 294)	15.7 [10.6, 22.6]	37.9 [30.5, 46.0]	36.4 [29.0, 44.6]	8.3 [5.2, 13.0]	1.6 [0.3, 7.2]
Hispanic (n = 14)	-	-	-	-	-
White, non-Hispanic (n = 816)	9.0 [6.8, 11.7]	35.8 [31.5, 40.2]	40.9 [36.4, 45.5]	12.3 [9.6, 15.5]	2.1 [1.2, 3.8]
<b>Household income***</b>					
Less than \$60,000 (n = 740)	9.2 [6.9, 12.1]	32.5 [27.8, 37.5]	37.9 [32.9, 43.2]	17.9 [14.0, 22.8]	2.4 [1.2, 4.8]
\$60,000 or greater (n = 427)	10.7 [7.4, 15.3]	39.8 [33.9, 46.0]	41.1 [35.0, 47.6]	6.9 [4.6, 10.4]	1.4 [0.7, 2.9]
<b>Education**</b>					
Some college or less (n = 797)	8.7 [6.5, 11.5]	33.3 [28.9, 38.0]	39.6 [34.7, 44.6]	15.8 [12.3, 20.1]	2.6 [1.5, 4.6]
Bachelor's degree or higher (n = 370)	12.6 [8.8, 17.9]	40.8 [34.3, 47.6]	38.4 [32.2, 45.1]	7.6 [5.0, 11.3]	0.5 [0.1, 2.2]
<b>Michigan region**</b>					
Northern & Upper Peninsula (n = 234)	9.5 [5.6, 15.8]	31.4 [24.8, 38.8]	39.9 [32.7, 47.6]	15.8 [10.8, 22.5]	3.4 [1.4, 7.7]
Southeast (n = 401)	11.6 [8.1, 16.3]	37.6 [31.3, 44.4]	41.0 [34.3, 48.0]	8.7 [5.4, 13.7]	1.1 [0.4, 2.7]
Southwest & South Central (n = 250)	11.6 [7.5, 17.5]	34.5 [27.9, 41.7]	44.2 [37.2, 51.5]	7.9 [4.7, 12.9]	1.8 [0.7, 4.4]
Central (n = 282)	7.0 [4.4, 10.8]	34.5 [28.1, 41.6]	34.8 [28.1, 42.2]	20.9 [15.2, 27.9]	2.8 [1.1, 7.3]
<b>Urbanicity**</b>					
Urban (n = 60)	1.5 [0.4, 6.4]	39.7 [25.8, 55.5]	35.8 [21.7, 52.8]	23.0 [11.9, 39.7]	00.0
Suburban (n = 170)	8.5 [4.8, 14.4]	40.1 [31.6, 49.2]	42.7 [34.0, 51.8]	7.3 [4.1, 12.6]	1.5 [0.5, 4.4]
Rural (n = 116)	4.2 [1.3, 12.5]	27.5 [18.4, 39.0]	49.4 [37.3, 61.6]	10.7 [5.4, 19.9]	8.3 [3.0, 20.9]
<b>Physical health***</b>					
Excellent, very good, or good (n = 916)	11.2 [8.8, 14.1]	40.1 [35.8, 44.6]	39.4 [35.0, 44.0]	8.6 [6.2, 11.8]	0.7 [0.3, 1.6]
Fair or poor (n = 249)	4.7 [2.5, 8.7]	17.5 [12.1, 24.6]	37.9 [29.9, 46.6]	32.8 [25.0, 41.7]	7.1 [3.6, 13.6]
<b>Mental health***</b>					
Excellent, very good, or good (n = 1002)	10.9 [8.7, 13.7]	38.8 [34.7, 43.0]	39.8 [35.5, 44.2]	10.0 [7.5, 13.2]	0.5 [0.2, 1.2]
Fair or poor (n = 150)	1.7 [0.4, 7.1]	12.6 [7.0, 21.6]	36.1 [26.1, 47.4]	36.8 [26.5, 48.5]	12.8 [6.8, 22.8]
<b>Disability***</b>					
Disability that limits daily activities (n = 542)	8.5 [5.9, 12.0]	22.3 [18.0, 27.3]	40.9 [35.2, 46.9]	24.1 [19.1, 30.1]	4.2 [2.3, 7.3]
No disability that limits daily activities (n = 623)	10.9 [8.2, 14.5]	45.7 [40.3, 51.2]	38.0 [32.7, 43.5]	5.1 [3.2, 8.1]	0.3 [0.1, 1.1]
<b>Chronic condition</b>					
Yes (n = 191)	5.4 [2.6, 10.9]	30.9 [23.0, 40.0]	47.8 [38.6, 57.2]	12.5 [7.9, 19.3]	3.3 [1.2, 8.8]
No (n = 976)	11.2 [8.8, 14.0]	36.9 [32.8, 41.2]	36.7 [32.5, 41.1]	13.7 [10.6, 17.4]	1.6 [0.9, 3.0]
<b>Lives alone</b>					
Yes (n = 378)	7.4 [4.8, 11.3]	33.1 [26.6, 40.4]	43.0 [35.7, 50.7]	14.8 [10.1, 21.3]	1.7 [0.7, 3.7]
No (n = 789)	10.9 [8.4, 14.1]	36.6 [32.2, 41.2]	37.6 [33.0, 42.3]	12.8 [9.7, 16.6]	2.2 [1.1, 4.2]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001

## Are your day-to-day activities limited because of a health problem or disability?

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]		
	Yes, a lot	Yes, a little	No
<b>Michigan vs national</b>			
Michigan (n = 1173)	11.1 [8.9, 13.8]	32.4 [28.8, 36.3]	56.5 [52.4, 60.4]
National, non-Michigan (n = 3130)	10.1 [8.7, 11.8]	29.2 [27.1, 31.4]	60.6 [58.3, 63.0]
<b>Age*</b>			
50-64 (n = 511)	14.0 [10.4, 18.6]	29.1 [23.9, 34.8]	56.9 [50.8, 62.8]
65+ (n = 662)	8.1 [5.9, 10.8]	36.0 [31.0, 41.2]	56.0 [50.7, 61.1]
<b>Gender identity</b>			
Men (n = 463)	9.2 [6.4, 13.0]	35.7 [29.9, 42.0]	55.1 [48.8, 61.2]
Women (n = 703)	13.1 [9.9, 17.2]	29.1 [24.8, 33.8]	57.8 [52.7, 62.7]
<b>Race and ethnicity</b>			
Asian, non-Hispanic (n = 16)	-	-	-
Black, non-Hispanic (n = 297)	11.4 [7.4, 17.1]	32.7 [25.5, 40.8]	55.9 [47.8, 63.7]
Hispanic (n = 14)	-	-	-
White, non-Hispanic (n = 819)	10.3 [7.9, 13.3]	31.9 [27.9, 36.2]	57.8 [53.3, 62.2]
<b>Household income***</b>			
Less than \$60,000 (n = 743)	15.9 [12.5, 20.1]	35.4 [30.6, 40.5]	48.7 [43.5, 54.0]
\$60,000 or greater (n = 430)	4.3 [2.6, 6.8]	28.3 [23.0, 34.3]	67.5 [61.4, 73.0]
<b>Education**</b>			
Some college or less (n = 800)	13.1 [10.2, 16.6]	34.0 [29.5, 38.9]	52.9 [47.9, 57.8]
Bachelor's degree or higher (n = 373)	6.3 [4.0, 9.7]	28.5 [23.1, 34.6]	65.2 [58.9, 71.0]
<b>Michigan region*</b>			
Northern & Upper Peninsula (n = 234)	12.3 [7.7, 19.0]	30.4 [24.2, 37.5]	57.3 [49.6, 64.6]
Southeast (n = 404)	9.0 [6.1, 13.1]	27.6 [21.9, 34.0]	63.4 [56.7, 69.6]
Southwest & South Central (n = 250)	10.3 [6.7, 15.5]	39.5 [32.7, 46.7]	50.2 [43.0, 57.5]
Central (n = 285)	13.7 [9.3, 19.7]	36.9 [30.1, 44.4]	49.3 [42.1, 56.6]
<b>Urbanicity</b>			
Urban (n = 60)	6.8 [2.7, 16.1]	45.8 [30.5, 61.9]	47.4 [32.1, 63.1]
Suburban (n = 173)	6.7 [3.8, 11.4]	26.3 [19.2, 34.9]	67.0 [58.3, 74.7]
Rural (n = 116)	12.3 [6.4, 22.4]	28.3 [18.7, 40.4]	59.4 [47.0, 70.6]
<b>Physical health***</b>			
Excellent, very good, or good (n = 921)	4.5 [3.0, 6.7]	27.9 [24.1, 32.1]	67.5 [63.2, 71.6]
Fair or poor (n = 250)	37.7 [29.7, 46.3]	51.0 [42.3, 59.5]	11.4 [7.3, 17.4]
<b>Mental health***</b>			
Excellent, very good, or good (n = 1005)	8.6 [6.5, 11.2]	30.2 [26.4, 34.3]	61.2 [57.0, 65.4]
Fair or poor (n = 152)	29.5 [20.4, 40.5]	45.3 [34.4, 56.7]	25.2 [16.8, 35.9]
<b>Chronic condition</b>			
Yes (n = 194)	11.1 [7.1, 17.0]	36.7 [28.1, 46.2]	52.2 [43.0, 61.3]
No (n = 979)	11.1 [8.6, 14.2]	31.1 [27.3, 35.3]	57.7 [53.4, 62.0]
<b>Lives alone</b>			
Yes (n = 379)	12.3 [8.4, 17.6]	37.4 [30.5, 45.0]	50.2 [42.8, 57.7]
No (n = 794)	10.6 [8.0, 13.8]	30.2 [26.1, 34.7]	59.2 [54.5, 63.8]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001

**What type(s) of health insurance do you have now? (select all that apply)**

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]
Medicare Advantage plan	35.0 [31.4, 38.8]
Insurance provided through your own or someone else's employer	24.5 [21.1, 28.3]
Medicaid	19.9 [16.8, 23.4]
Traditional Medicare plus Medigap (a supplemental Medicare plan)	9.2 [7.4, 11.5]
Traditional Medicare without a Medigap plan	9.0 [7.1, 11.4]
Retiree health plan from a job that you or someone else retired from	8.0 [6.0, 10.8]
Individual insurance plan you bought directly, including from an online marketplace	6.4 [4.5, 9.0]
VA / CHAMPVA	3.1 [1.8, 5.3]
Military health care (TRICARE)	1.9 [1.0, 3.5]

**Who lives in your household? (select all that apply)**

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]
Spouse / partner	53.0 [49.0, 57.1]
I live alone	31.1 [27.4, 35.0]
Other adults (age 18 and older)	24.9 [21.5, 28.7]
Child / children age 0-17 (biological, step, or adopted)	7.4 [5.5, 9.8]
Grandchild / grandchildren age 0-17 (biological, step, or adopted)	2.5 [1.6, 3.8]
Other children (age 0-17)	0.4 [0.1, 1.1]

## How many grandchildren do you have (include great grandchildren, step-grandchildren or adopted grandchildren)?

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]			
	1	2-4	5 or more	None
<b>Michigan vs national</b>				
Michigan (n = 1172)	9.5 [7.2, 12.4]	25.6 [22.3, 29.2]	27.5 [24.0, 31.2]	37.4 [33.6, 41.4]
National, non-Michigan (n = 3130)	7.6 [6.5, 8.9]	25.7 [23.6, 27.8]	26.6 [24.5, 28.8]	40.1 [37.8, 42.5]
<b>Age***</b>				
50-64 (n = 508)	12.5 [8.7, 17.7]	21.6 [17.2, 26.9]	17.1 [12.9, 22.3]	48.7 [42.7, 54.8]
65+ (n = 664)	6.3 [4.4, 9.0]	29.7 [25.0, 34.9]	38.3 [33.2, 43.6]	25.7 [21.6, 30.3]
<b>Gender identity*</b>				
Men (n = 464)	13.0 [9.0, 18.4]	25.1 [20.1, 30.7]	23.5 [18.5, 29.3]	38.5 [32.6, 44.8]
Women (n = 702)	6.2 [4.3, 8.9]	26.0 [21.7, 30.9]	31.5 [26.8, 36.5]	36.3 [31.6, 41.2]
<b>Race and ethnicity**</b>				
Asian, non-Hispanic (n = 16)	-	-	-	-
Black, non-Hispanic (n = 294)	14.1 [8.9, 21.6]	22.9 [16.7, 30.5]	22.3 [16.6, 29.2]	40.7 [33.1, 48.8]
Hispanic (n = 14)	-	-	-	-
White, non-Hispanic (n = 821)	7.9 [5.7, 10.8]	26.1 [22.4, 30.2]	29.5 [25.5, 33.8]	36.5 [32.2, 41.0]
<b>Household income</b>				
Less than \$60,000 (n = 742)	9.4 [6.5, 13.5]	27.3 [22.9, 32.3]	30.0 [25.5, 35.1]	33.2 [28.5, 38.2]
\$60,000 or greater (n = 430)	9.6 [6.4, 13.9]	23.1 [18.4, 28.6]	23.9 [18.9, 29.7]	43.5 [37.3, 49.8]
<b>Education***</b>				
Some college or less (n = 800)	9.1 [6.4, 12.7]	28.1 [23.9, 32.8]	31.1 [26.7, 35.8]	31.8 [27.4, 36.5]
Bachelor's degree or higher (n = 372)	10.5 [6.9, 15.6]	19.5 [15.0, 24.9]	18.7 [14.2, 24.2]	51.4 [44.7, 58.0]
<b>Michigan region***</b>				
Northern & Upper Peninsula (n = 235)	10.2 [6.4, 15.7]	34.2 [27.2, 42.0]	25.0 [18.9, 32.3]	30.7 [24.2, 38.0]
Southeast (n = 401)	13.0 [8.8, 18.8]	21.8 [16.6, 28.1]	19.9 [15.0, 26.0]	45.3 [38.6, 52.2]
Southwest & South Central (n = 251)	4.3 [2.6, 7.1]	31.2 [24.9, 38.2]	36.1 [29.4, 43.4]	28.4 [22.2, 35.6]
Central (n = 285)	6.6 [3.7, 11.3]	25.5 [19.6, 32.5]	35.1 [28.3, 42.5]	32.8 [26.5, 39.8]
<b>Urbanicity</b>				
Urban (n = 59)	7.3 [1.7, 26.2]	31.8 [18.6, 48.8]	28.9 [16.5, 45.7]	32.0 [19.9, 47.0]
Suburban (n = 173)	10.9 [6.2, 18.5]	25.7 [18.3, 34.7]	22.1 [15.6, 30.3]	41.3 [33.0, 50.2]
Rural (n = 116)	7.3 [3.6, 14.3]	25.0 [16.7, 35.7]	34.1 [23.2, 46.9]	33.6 [22.6, 46.8]
<b>Physical health</b>				
Excellent, very good, or good (n = 921)	10.1 [7.5, 13.4]	25.6 [21.8, 29.8]	27.1 [23.3, 31.3]	37.2 [32.9, 41.7]
Fair or poor (n = 249)	7.3 [3.4, 14.7]	24.6 [18.2, 32.4]	29.3 [21.8, 38.1]	38.8 [30.8, 47.4]
<b>Mental health</b>				
Excellent, very good, or good (n = 1003)	9.6 [7.2, 12.7]	26.4 [22.8, 30.5]	27.5 [23.8, 31.5]	36.4 [32.4, 40.7]
Fair or poor (n = 152)	7.6 [2.6, 20.2]	21.6 [14.2, 31.4]	26.5 [17.3, 38.5]	44.3 [33.7, 55.4]
<b>Disability*</b>				
Disability that limits daily activities (n = 547)	10.5 [6.9, 15.6]	25.0 [20.1, 30.5]	33.3 [27.9, 39.2]	31.3 [26.3, 36.7]
No disability that limits daily activities (n = 623)	8.7 [6.1, 12.3]	26.1 [21.6, 31.1]	23.0 [18.7, 27.9]	42.2 [36.9, 47.8]
<b>Chronic condition</b>				
Yes (n = 194)	10.8 [6.0, 18.6]	29.5 [21.6, 38.8]	25.4 [18.2, 34.1]	34.4 [26.3, 43.5]
No (n = 978)	9.1 [6.7, 12.2]	24.4 [20.9, 28.3]	28.1 [24.3, 32.3]	38.4 [34.2, 42.8]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001

**What are the age ranges of your grandchildren? (select all that apply)**

Universe: Michigan adults age 50+ with 1 or more grandchildren (n = 745)

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	Weighted % [95% CI]
10 to 17 years old	56.4 [51.2, 61.5]
5 to 9 years old	46.2 [41.2, 51.4]
18 years old or older	45.0 [40.0, 50.2]
1 to 4 years old	37.6 [32.7, 42.8]
Infant (0 to 11 months)	13.9 [10.7, 17.7]

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## Do you have primary custody / primary parental responsibility for any grandchild aged 0 to 17?

Universe: Michigan adults age 50+ with 1 or more grandchildren (n = 745)

	Weighted % [95% CI]	
	Yes	No
<b>Michigan vs national</b>		
Michigan (n = 743)	2.8 [1.6, 5.0]	97.2 [95.0, 98.4]
National, non-Michigan (n = 1833)	3.3 [2.4, 4.5]	96.7 [95.5, 97.6]
<b>Age*</b>		
50-64 (n = 260)	4.9 [2.3, 9.9]	95.1 [90.1, 97.7]
65+ (n = 483)	1.4 [0.6, 2.9]	98.6 [97.1, 99.4]
<b>Gender identity</b>		
Men (n = 293)	2.7 [1.1, 6.1]	97.3 [93.9, 98.9]
Women (n = 448)	3.0 [1.4, 6.5]	97.0 [93.5, 98.6]
<b>Race and ethnicity**</b>		
Asian, non-Hispanic (n = 3)	-	-
Black, non-Hispanic (n = 173)	5.9 [2.3, 14.2]	94.1 [85.8, 97.7]
Hispanic (n = 9)	-	-
White, non-Hispanic (n = 546)	2.1 [1.0, 4.4]	97.9 [95.6, 99.0]
<b>Household income</b>		
Less than \$60,000 (n = 479)	1.9 [0.9, 3.8]	98.1 [96.2, 99.1]
\$60,000 or greater (n = 264)	4.4 [1.9, 9.9]	95.6 [90.1, 98.1]
<b>Education</b>		
Some college or less (n = 542)	2.5 [1.3, 5.0]	97.5 [95.0, 98.7]
Bachelor's degree or higher (n = 201)	3.9 [1.4, 10.5]	96.1 [89.5, 98.6]
<b>Michigan region*</b>		
Northern & Upper Peninsula (n = 159)	2.2 [0.6, 7.1]	97.8 [92.9, 99.4]
Southeast (n = 216)	4.9 [2.2, 10.6]	95.1 [89.4, 97.8]
Southwest & South Central (n = 184)	3.3 [1.2, 8.5]	96.7 [91.5, 98.8]
Central (n = 184)	0.7 [0.2, 2.4]	99.3 [97.6, 99.8]
<b>Urbanicity</b>		
Urban (n = 36)	-	-
Suburban (n = 103)	0.6 [0.1, 4.1]	99.4 [95.9, 99.9]
Rural (n = 80)	0.6 [0.1, 4.5]	99.4 [95.5, 99.9]
<b>Physical health</b>		
Excellent, very good, or good (n = 593)	2.3 [1.2, 4.3]	97.7 [95.7, 98.8]
Fair or poor (n = 148)	5.1 [1.6, 14.9]	94.9 [85.1, 98.4]
<b>Mental health</b>		
Excellent, very good, or good (n = 651)	2.0 [1.1, 3.8]	98.0 [96.2, 98.9]
Fair or poor (n = 82)	7.7 [2.1, 24.7]	92.3 [75.3, 97.9]
<b>Disability</b>		
Disability that limits daily activities (n = 355)	3.2 [1.6, 6.2]	96.8 [93.8, 98.4]
No disability that limits daily activities (n = 386)	2.5 [1.0, 6.4]	97.5 [93.6, 99.0]
<b>Chronic condition***</b>		
Yes (n = 131)	0.2 [0.0, 1.7]	99.8 [98.3, 100.0]
No (n = 612)	3.7 [2.1, 6.5]	96.3 [93.5, 97.9]
<b>Lives alone***</b>		
Yes (n = 215)	0.4 [0.1, 1.3]	99.6 [98.7, 99.9]
No (n = 528)	3.8 [2.1, 6.8]	96.2 [93.2, 97.9]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001

## How often do you see your [grandchild/grandchildren]?

Universe: Michigan adults age 50+ with grandchildren under 18 (n = 638)

	Weighted % [95% CI]					
	Almost daily / daily	At least once a week	About once or twice a month	Once every few months	About once a year or less	Almost never / never
<b>Michigan vs national</b>						
Michigan (n = 638)	16.2 [12.9, 20.1]	29.2 [24.2, 34.8]	24.0 [19.8, 28.9]	15.8 [12.2, 20.3]	7.9 [5.6, 11.1]	6.8 [4.2, 10.7]
National, non-Michigan (n = 1555)	18.3 [15.8, 21.1]	22.4 [19.8, 25.4]	23.3 [20.4, 26.4]	16.2 [14.0, 18.8]	13.1 [10.9, 15.7]	6.7 [5.2, 8.6]
<b>Age</b>						
50-64 (n = 251)	17.4 [12.4, 23.8]	33.2 [25.0, 42.5]	22.3 [16.0, 30.1]	12.8 [7.8, 20.2]	7.6 [4.4, 12.9]	6.8 [3.5, 13.0]
65+ (n = 387)	15.2 [11.2, 20.3]	25.7 [20.0, 32.5]	25.6 [20.2, 31.9]	18.5 [13.8, 24.4]	8.2 [5.2, 12.7]	6.8 [3.5, 12.6]
<b>Gender identity*</b>						
Men (n = 253)	10.9 [7.1, 16.5]	24.2 [17.3, 32.7]	29.4 [22.4, 37.5]	18.7 [12.9, 26.3]	10.5 [6.4, 16.8]	6.3 [2.7, 13.9]
Women (n = 384)	21.1 [16.3, 26.9]	33.0 [26.1, 40.6]	19.5 [14.7, 25.3]	13.4 [9.3, 18.9]	5.7 [3.6, 8.8]	7.3 [4.3, 12.1]
<b>Race and ethnicity</b>						
Asian, non-Hispanic (n = 3)	-	-	-	-	-	-
Black, non-Hispanic (n = 153)	29.7 [20.6, 40.7]	22.7 [15.0, 32.7]	26.7 [17.3, 38.7]	7.3 [3.3, 15.4]	9.4 [4.1, 20.3]	4.3 [2.0, 8.9]
Hispanic (n = 7)	-	-	-	-	-	-
White, non-Hispanic (n = 463)	14.6 [11.1, 18.9]	29.4 [23.8, 35.7]	23.6 [18.9, 28.9]	17.2 [13.1, 22.3]	7.9 [5.3, 11.5]	7.4 [4.4, 12.1]
<b>Household income</b>						
Less than \$60,000 (n = 409)	17.6 [13.3, 22.8]	25.5 [19.3, 32.8]	24.1 [18.7, 30.5]	16.2 [11.5, 22.3]	10.3 [6.9, 15.3]	6.3 [3.8, 10.3]
\$60,000 or greater (n = 229)	14.0 [9.5, 20.1]	35.4 [27.1, 44.6]	24.0 [17.5, 31.8]	15.2 [10.2, 22.0]	4.0 [2.3, 6.8]	7.5 [3.1, 17.1]
<b>Education**</b>						
Some college or less (n = 467)	16.2 [12.4, 20.8]	31.9 [25.8, 38.7]	20.1 [15.6, 25.4]	15.5 [11.3, 20.9]	8.7 [5.9, 12.8]	7.7 [4.5, 12.6]
Bachelor's degree or higher (n = 171)	16.2 [10.5, 24.2]	19.6 [13.3, 27.9]	38.2 [28.7, 48.7]	17.1 [11.3, 25.0]	5.2 [2.7, 9.6]	3.7 [1.6, 8.3]
<b>Michigan region</b>						
Northern & Upper Peninsula (n = 137)	13.4 [7.8, 22.0]	17.7 [10.8, 27.7]	22.5 [15.3, 31.7]	22.8 [15.4, 32.4]	15.9 [9.9, 24.5]	7.8 [4.1, 14.4]
Southeast (n = 185)	17.8 [11.9, 25.7]	29.0 [20.0, 40.0]	24.6 [17.3, 33.8]	16.5 [9.9, 26.3]	4.4 [1.5, 12.3]	7.7 [3.7, 15.2]
Southwest & South Central (n = 147)	17.5 [11.3, 26.2]	29.2 [21.4, 38.5]	19.6 [13.2, 28.1]	14.9 [9.4, 22.8]	11.4 [6.9, 18.3]	7.4 [3.5, 14.8]
Central (n = 169)	15.2 [10.3, 21.9]	33.5 [24.9, 43.4]	25.5 [18.2, 34.6]	12.9 [8.0, 20.2]	7.5 [4.0, 13.7]	5.3 [1.7, 15.5]
<b>Urbanicity</b>						
Urban (n = 23)	-	-	-	-	-	-
Suburban (n = 90)	12.1 [6.5, 21.4]	37.9 [26.0, 51.4]	23.9 [15.2, 35.5]	14.2 [7.4, 25.4]	5.0 [1.3, 17.6]	6.9 [2.6, 17.3]
Rural (n = 69)	16.8 [8.8, 29.8]	29.1 [16.7, 45.8]	15.0 [7.9, 26.7]	28.0 [14.9, 46.2]	10.5 [4.4, 23.2]	0.5 [0.1, 3.8]
<b>Physical health</b>						
Excellent, very good, or good (n = 506)	16.2 [12.6, 20.7]	32.2 [26.4, 38.6]	24.3 [19.5, 29.8]	14.6 [10.7, 19.5]	6.3 [4.1, 9.6]	6.4 [3.7, 10.8]
Fair or poor (n = 131)	16.2 [10.0, 25.3]	17.8 [9.2, 31.5]	22.6 [14.3, 33.7]	20.8 [12.6, 32.5]	14.3 [7.8, 24.6]	8.3 [3.2, 20.1]
<b>Mental health</b>						
Excellent, very good, or good (n = 557)	15.9 [12.4, 20.1]	27.7 [22.5, 33.6]	25.7 [21.0, 31.0]	15.7 [11.9, 20.4]	8.8 [6.1, 12.4]	6.2 [3.7, 10.4]
Fair or poor (n = 73)	16.2 [8.7, 28.1]	38.9 [23.1, 57.4]	12.8 [5.1, 28.6]	18.1 [8.5, 34.5]	2.5 [0.9, 6.7]	11.5 [4.2, 28.0]
<b>Disability*</b>						
Disability that limits daily activities (n = 310)	16.2 [11.7, 21.9]	23.8 [17.3, 31.8]	21.3 [15.7, 28.2]	19.6 [14.0, 26.8]	9.6 [6.2, 14.6]	9.5 [5.0, 17.0]
No disability that limits daily activities (n = 326)	16.3 [11.8, 22.0]	34.2 [27.0, 42.3]	26.6 [20.5, 33.7]	12.2 [8.0, 17.9]	6.4 [3.6, 11.2]	4.4 [2.4, 8.0]
<b>Chronic condition</b>						
Yes (n = 111)	13.1 [7.4, 22.2]	26.9 [16.9, 40.1]	26.8 [17.5, 38.7]	19.8 [11.6, 31.5]	4.5 [1.9, 9.9]	9.0 [3.0, 23.7]
No (n = 527)	17.2 [13.4, 21.7]	29.9 [24.3, 36.3]	23.2 [18.6, 28.5]	14.6 [10.8, 19.4]	9.0 [6.2, 13.1]	6.1 [3.8, 9.6]
<b>Lives alone**</b>						
Yes (n = 175)	8.8 [4.7, 15.8]	18.3 [11.7, 27.4]	31.2 [21.7, 42.7]	23.9 [15.5, 35.0]	6.9 [3.4, 13.3]	10.9 [4.9, 22.6]
No (n = 463)	18.9 [14.8, 23.7]	33.2 [27.0, 39.9]	21.4 [17.1, 26.6]	12.9 [9.3, 17.5]	8.3 [5.6, 12.3]	5.3 [3.0, 9.1]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001

**In the past year, have you provided any of the following for your [grandchild/grandchildren] aged 0 to 17? (select all that apply)**

Universe: Michigan adults age 50+ with grandchildren under 18 (n = 638)

	Weighted % [95% CI]
Day-to-day expenses (such as groceries, meals, clothing etc.)	27.2 [22.5, 32.5]
Major expenses (such as daycare, summer camps, sports, medical costs)	8.5 [5.9, 12.1]
Education	6.9 [5.0, 9.4]
None of the above	69.0 [63.7, 73.9]

**How often do you provide care / babysitting for your [grandchild/grandchildren] aged 0 to 17? (select all that apply)**

Universe: Michigan adults age 50+ with grandchildren under 18 (n = 638)

	Weighted % [95% CI]
I do not provide care for my {grandchild/grandchildren}	27.9 [23.3, 33.0]
About once or twice a month	21.4 [16.8, 26.9]
At least once a week	14.3 [10.7, 18.9]
Once every few months	12.5 [9.4, 16.3]
Almost never / never	11.2 [7.9, 15.5]
Almost daily / daily	8.1 [6.0, 10.9]
About once a year or less	5.7 [4.0, 8.0]

**In the past month, have you done any of the following activities with or for your [grandchild/grandchildren] aged 1 to 17? (select all that apply)**

Universe: Michigan adults age 50+ with grandchildren aged 1 to 17 (n = 619)

	Weighted % [95% CI]
Ate meals or snacks with them	63.8 [58.2, 69.1]
Prepared meals or snacks for them	51.2 [45.6, 56.8]
Bought food for them	47.1 [41.5, 52.7]
Cooked food or baked with them	42.4 [36.9, 48.0]
I have not done any of the above with or for my {grandchild/grandchildren}	27.2 [22.5, 32.5]

## In the past year, how often have you felt a lack of companionship?

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]		
	Hardly ever	Some of the time	Often
<b>Michigan vs national</b>			
Michigan (n = 1170)	59.5 [55.5, 63.5]	28.7 [25.2, 32.5]	11.8 [9.3, 14.8]
National, non-Michigan (n = 3127)	63.0 [60.7, 65.3]	27.4 [25.4, 29.6]	9.6 [8.2, 11.1]
<b>Age***</b>			
50-64 (n = 510)	51.6 [45.5, 57.6]	32.5 [27.1, 38.5]	15.9 [11.7, 21.2]
65+ (n = 660)	67.9 [62.9, 72.5]	24.7 [20.5, 29.4]	7.4 [5.2, 10.5]
<b>Gender identity</b>			
Men (n = 462)	61.0 [54.5, 67.1]	28.0 [22.5, 34.2]	11.1 [7.4, 16.3]
Women (n = 701)	57.9 [52.8, 62.8]	29.5 [25.1, 34.3]	12.6 [9.5, 16.6]
<b>Race and ethnicity*</b>			
Asian, non-Hispanic (n = 16)	-	-	-
Black, non-Hispanic (n = 295)	59.4 [51.6, 66.8]	36.9 [29.7, 44.7]	3.7 [2.6, 5.2]
Hispanic (n = 14)	-	-	-
White, non-Hispanic (n = 818)	60.5 [56.0, 64.9]	26.4 [22.6, 30.7]	13.0 [10.1, 16.6]
<b>Household income**</b>			
Less than \$60,000 (n = 743)	53.3 [48.0, 58.5]	32.5 [27.7, 37.7]	14.3 [10.8, 18.6]
\$60,000 or greater (n = 427)	68.5 [62.3, 74.1]	23.3 [18.4, 29.0]	8.2 [5.3, 12.7]
<b>Education*</b>			
Some college or less (n = 799)	56.5 [51.4, 61.4]	30.6 [26.1, 35.4]	12.9 [9.8, 16.9]
Bachelor's degree or higher (n = 371)	67.1 [60.6, 72.9]	24.0 [19.0, 29.8]	8.9 [5.7, 13.8]
<b>Michigan region</b>			
Northern & Upper Peninsula (n = 235)	61.5 [53.8, 68.7]	28.9 [22.3, 36.4]	9.6 [6.0, 15.1]
Southeast (n = 401)	62.1 [55.2, 68.5]	26.2 [20.8, 32.5]	11.7 [7.6, 17.6]
Southwest & South Central (n = 250)	59.9 [52.5, 66.8]	26.4 [20.4, 33.4]	13.8 [9.4, 19.8]
Central (n = 284)	55.4 [47.9, 62.6]	32.7 [26.0, 40.3]	11.9 [7.9, 17.5]
<b>Urbanicity</b>			
Urban (n = 60)	64.1 [47.8, 77.7]	29.0 [16.7, 45.5]	6.9 [2.4, 18.3]
Suburban (n = 173)	71.5 [62.9, 78.9]	20.6 [14.2, 28.8]	7.9 [4.4, 13.8]
Rural (n = 116)	58.0 [45.0, 69.9]	31.3 [20.4, 44.9]	10.7 [4.6, 22.7]
<b>Physical health***</b>			
Excellent, very good, or good (n = 919)	65.2 [60.7, 69.5]	26.0 [22.2, 30.2]	8.8 [6.4, 12.0]
Fair or poor (n = 249)	37.0 [29.4, 45.4]	39.0 [30.8, 47.9]	23.9 [17.0, 32.5]
<b>Mental health***</b>			
Excellent, very good, or good (n = 1002)	64.8 [60.4, 68.9]	27.0 [23.3, 31.1]	8.2 [5.9, 11.3]
Fair or poor (n = 151)	19.5 [12.7, 28.7]	42.8 [31.9, 54.3]	37.7 [27.6, 49.1]
<b>Disability***</b>			
Disability that limits daily activities (n = 545)	47.0 [41.1, 52.9]	36.8 [31.1, 42.9]	16.2 [12.2, 21.2]
No disability that limits daily activities (n = 623)	69.2 [63.9, 74.0]	22.5 [18.3, 27.2]	8.4 [5.5, 12.5]
<b>Chronic condition</b>			
Yes (n = 194)	64.7 [55.2, 73.2]	28.2 [20.4, 37.6]	7.0 [3.6, 13.4]
No (n = 976)	57.9 [53.5, 62.3]	28.8 [25.0, 33.0]	13.2 [10.3, 16.9]
<b>Lives alone***</b>			
Yes (n = 379)	45.6 [38.3, 53.1]	37.7 [30.7, 45.2]	16.7 [11.5, 23.5]
No (n = 791)	65.8 [61.1, 70.2]	24.6 [20.7, 29.0]	9.6 [7.0, 12.9]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001

## In the past year, how often have you felt isolated from others?

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]		
	Hardly ever	Some of the time	Often
<b>Michigan vs national</b>			
Michigan (n = 1169)	63.0 [59.0, 66.9]	27.6 [24.1, 31.5]	9.3 [7.2, 12.0]
National, non-Michigan (n = 3087)	67.7 [65.4, 69.9]	24.9 [22.9, 27.1]	7.4 [6.2, 8.9]
<b>Age***</b>			
50-64 (n = 508)	54.3 [48.1, 60.3]	31.4 [25.9, 37.5]	14.3 [10.6, 19.2]
65+ (n = 661)	72.2 [67.3, 76.6]	23.7 [19.5, 28.5]	4.1 [2.8, 6.1]
<b>Gender identity</b>			
Men (n = 462)	63.1 [56.6, 69.2]	28.0 [22.3, 34.4]	8.9 [5.9, 13.3]
Women (n = 700)	62.9 [57.8, 67.6]	27.3 [23.0, 32.0]	9.9 [7.2, 13.4]
<b>Race and ethnicity</b>			
Asian, non-Hispanic (n = 15)	-	-	-
Black, non-Hispanic (n = 295)	65.9 [58.2, 72.9]	28.9 [22.3, 36.5]	5.2 [2.9, 9.1]
Hispanic (n = 14)	-	-	-
White, non-Hispanic (n = 818)	62.9 [58.3, 67.3]	27.1 [23.1, 31.5]	10.0 [7.5, 13.1]
<b>Household income*</b>			
Less than \$60,000 (n = 742)	58.2 [52.9, 63.4]	30.8 [26.0, 36.1]	11.0 [8.0, 14.8]
\$60,000 or greater (n = 427)	69.9 [63.8, 75.5]	23.0 [18.1, 28.9]	7.0 [4.4, 10.9]
<b>Education</b>			
Some college or less (n = 799)	61.0 [55.9, 65.8]	29.2 [24.7, 34.1]	9.8 [7.3, 13.2]
Bachelor's degree or higher (n = 370)	68.2 [61.6, 74.1]	23.7 [18.5, 29.9]	8.1 [5.0, 12.8]
<b>Michigan region</b>			
Northern & Upper Peninsula (n = 234)	69.6 [62.0, 76.3]	20.8 [15.1, 28.0]	9.6 [5.9, 15.1]
Southeast (n = 401)	63.1 [56.1, 69.5]	28.0 [22.2, 34.7]	8.9 [5.6, 13.9]
Southwest & South Central (n = 250)	65.4 [58.1, 72.0]	24.3 [18.6, 31.0]	10.3 [6.6, 15.9]
Central (n = 284)	59.9 [52.4, 66.9]	30.7 [24.2, 38.1]	9.4 [6.0, 14.6]
<b>Urbanicity</b>			
Urban (n = 60)	67.2 [50.8, 80.3]	30.1 [17.6, 46.6]	2.6 [0.4, 13.9]
Suburban (n = 172)	70.2 [61.5, 77.7]	22.4 [15.8, 30.7]	7.4 [4.1, 13.3]
Rural (n = 116)	61.8 [48.3, 73.7]	29.0 [18.1, 43.0]	9.2 [3.6, 21.5]
<b>Physical health***</b>			
Excellent, very good, or good (n = 918)	68.7 [64.2, 72.9]	25.7 [21.7, 30.0]	5.6 [3.8, 8.1]
Fair or poor (n = 249)	40.4 [32.3, 49.1]	35.1 [27.3, 43.9]	24.5 [17.6, 33.0]
<b>Mental health***</b>			
Excellent, very good, or good (n = 1001)	68.8 [64.5, 72.9]	26.3 [22.5, 30.5]	4.8 [3.2, 7.2]
Fair or poor (n = 151)	19.9 [12.3, 30.4]	37.4 [27.2, 48.9]	42.8 [32.1, 54.1]
<b>Disability***</b>			
Disability that limits daily activities (n = 544)	48.9 [43.0, 54.9]	36.9 [31.1, 43.0]	14.2 [10.6, 18.8]
No disability that limits daily activities (n = 623)	73.9 [68.7, 78.5]	20.5 [16.4, 25.4]	5.6 [3.4, 9.1]
<b>Chronic condition</b>			
Yes (n = 194)	66.7 [57.3, 74.9]	28.6 [20.8, 37.9]	4.8 [2.2, 10.1]
No (n = 975)	61.9 [57.4, 66.2]	27.3 [23.4, 31.6]	10.7 [8.2, 14.0]
<b>Lives alone**</b>			
Yes (n = 380)	52.9 [45.4, 60.3]	35.8 [28.8, 43.4]	11.4 [7.5, 16.9]
No (n = 789)	67.6 [62.9, 72.0]	23.9 [20.0, 28.4]	8.4 [6.1, 11.6]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001

**In the past year, have you provided regular care or assistance to an adult family member or friend who has a health problem or disability? (select all that apply)**

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]
Yes, to someone who does not live with me	14.3 [11.6, 17.4]
Yes, to someone who lives with me	13.3 [10.9, 16.2]
No	73.9 [70.3, 77.3]

## Do you have any family members (children or adults) who have been diagnosed as being on the autism spectrum, including Asperger's Syndrome?

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]	
	Yes	No
<b>Michigan vs national</b>		
Michigan (n = 1171)	16.2 [13.3, 19.5]	83.8 [80.5, 86.7]
National, non-Michigan (n = 3128)	15.8 [14.1, 17.6]	84.2 [82.4, 85.9]
<b>Age*</b>		
50-64 (n = 508)	19.3 [14.8, 24.8]	80.7 [75.2, 85.2]
65+ (n = 663)	12.9 [9.8, 16.8]	87.1 [83.2, 90.2]
<b>Gender identity*</b>		
Men (n = 463)	12.2 [8.4, 17.5]	87.8 [82.5, 91.6]
Women (n = 701)	19.1 [15.3, 23.6]	80.9 [76.4, 84.7]
<b>Race and ethnicity</b>		
Asian, non-Hispanic (n = 16)	-	-
Black, non-Hispanic (n = 295)	12.5 [7.8, 19.4]	87.5 [80.6, 92.2]
Hispanic (n = 14)	-	-
White, non-Hispanic (n = 819)	16.4 [13.3, 20.1]	83.6 [79.9, 86.7]
<b>Household income*</b>		
Less than \$60,000 (n = 742)	19.0 [15.1, 23.6]	81.0 [76.4, 84.9]
\$60,000 or greater (n = 429)	12.2 [8.5, 17.2]	87.8 [82.8, 91.5]
<b>Education*</b>		
Some college or less (n = 798)	18.0 [14.4, 22.3]	82.0 [77.7, 85.6]
Bachelor's degree or higher (n = 373)	11.6 [8.0, 16.6]	88.4 [83.4, 92.0]
<b>Michigan region*</b>		
Northern & Upper Peninsula (n = 234)	13.9 [9.2, 20.3]	86.1 [79.7, 90.8]
Southeast (n = 402)	12.1 [8.3, 17.3]	87.9 [82.7, 91.7]
Southwest & South Central (n = 251)	16.6 [11.8, 22.8]	83.4 [77.2, 88.2]
Central (n = 284)	22.2 [16.4, 29.3]	77.8 [70.7, 83.6]
<b>Urbanicity*</b>		
Urban (n = 59)	20.5 [9.6, 38.4]	79.5 [61.6, 90.4]
Suburban (n = 171)	10.9 [6.8, 17.0]	89.1 [83.0, 93.2]
Rural (n = 115)	28.0 [16.8, 42.9]	72.0 [57.1, 83.2]
<b>Physical health</b>		
Excellent, very good, or good (n = 919)	15.1 [12.0, 18.8]	84.9 [81.2, 88.0]
Fair or poor (n = 250)	20.5 [14.2, 28.7]	79.5 [71.3, 85.8]
<b>Mental health**</b>		
Excellent, very good, or good (n = 1002)	14.3 [11.4, 17.7]	85.7 [82.3, 88.6]
Fair or poor (n = 152)	29.2 [19.6, 41.0]	70.8 [59.0, 80.4]
<b>Disability**</b>		
Disability that limits daily activities (n = 545)	21.6 [16.9, 27.2]	78.4 [72.8, 83.1]
No disability that limits daily activities (n = 624)	12.0 [8.8, 16.1]	88.0 [83.9, 91.2]
<b>Chronic condition</b>		
Yes (n = 193)	14.0 [8.6, 22.0]	86.0 [78.0, 91.4]
No (n = 978)	16.8 [13.6, 20.6]	83.2 [79.4, 86.4]
<b>Lives alone</b>		
Yes (n = 379)	14.2 [9.3, 20.9]	85.8 [79.1, 90.7]
No (n = 792)	17.1 [13.7, 21.0]	82.9 [79.0, 86.3]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001

## Do you provide regular care or assistance for any family members (children or adults) who are on the autism spectrum, or have Asperger's Syndrome?

Universe: Michigan adults age 50+ with a family member who has been diagnosed as being on the autism spectrum (n = 174)

	Weighted % [95% CI]	
	Yes	No
<b>Michigan vs national</b>		
Michigan (n = 174)	27.8 [19.4, 38.0]	72.2 [62.0, 80.6]
National, non-Michigan (n = 452)	23.6 [18.8, 29.2]	76.4 [70.8, 81.2]
<b>Age</b>		
50-64 (n = 87)	32.9 [20.8, 47.7]	67.1 [52.3, 79.2]
65+ (n = 87)	19.8 [11.5, 31.9]	80.2 [68.1, 88.5]
<b>Gender identity</b>		
Men (n = 47)	-	-
Women (n = 124)	24.9 [15.9, 36.8]	75.1 [63.2, 84.1]
<b>Race and ethnicity</b>		
Asian, non-Hispanic (n = 1)	-	-
Black, non-Hispanic (n = 37)	-	-
Hispanic (n = 2)	-	-
White, non-Hispanic (n = 130)	25.2 [16.5, 36.5]	74.8 [63.5, 83.5]
<b>Household income*</b>		
Less than \$60,000 (n = 123)	20.9 [13.1, 31.6]	79.1 [68.4, 86.9]
\$60,000 or greater (n = 51)	43.1 [25.6, 62.5]	56.9 [37.5, 74.4]
<b>Education</b>		
Some college or less (n = 132)	25.7 [16.5, 37.7]	74.3 [62.3, 83.5]
Bachelor's degree or higher (n = 42)	-	-
<b>Michigan region</b>		
Northern & Upper Peninsula (n = 31)	-	-
Southeast (n = 49)	-	-
Southwest & South Central (n = 41)	-	-
Central (n = 53)	35.0 [20.8, 52.5]	65.0 [47.5, 79.2]
<b>Physical health</b>		
Excellent, very good, or good (n = 125)	30.0 [20.0, 42.4]	70.0 [57.6, 80.0]
Fair or poor (n = 49)	-	-
<b>Mental health</b>		
Excellent, very good, or good (n = 136)	27.9 [18.4, 40.0]	72.1 [60.0, 81.6]
Fair or poor (n = 36)	-	-
<b>Disability</b>		
Disability that limits daily activities (n = 103)	22.3 [13.5, 34.6]	77.7 [65.4, 86.5]
No disability that limits daily activities (n = 71)	35.3 [21.2, 52.5]	64.7 [47.5, 78.8]
<b>Chronic condition</b>		
Yes (n = 30)	-	-
No (n = 144)	28.3 [19.5, 39.1]	71.7 [60.9, 80.5]
<b>Lives alone***</b>		
Yes (n = 42)	-	-
No (n = 132)	35.8 [25.2, 48.0]	64.2 [52.0, 74.8]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001

## How likely are you to get a COVID-19 vaccine this fall?

Universe: Michigan adults age 50+ (n = 1175)

	Weighted % [95% CI]				
	Very likely	Somewhat likely	Somewhat unlikely	Very unlikely	Don't know / Not sure
<b>Michigan vs national*</b>					
Michigan (n = 1173)	36.4 [32.7, 40.3]	13.2 [10.5, 16.6]	5.7 [4.1, 7.8]	34.2 [30.5, 38.1]	10.5 [8.2, 13.4]
National, non-Michigan (n = 3133)	32.9 [30.8, 35.1]	11.7 [10.2, 13.3]	8.3 [7.0, 9.7]	39.1 [36.7, 41.5]	8.1 [6.9, 9.5]
<b>Age**</b>					
50-64 (n = 510)	29.5 [24.4, 35.2]	15.4 [11.0, 21.0]	5.0 [3.1, 7.8]	38.8 [33.2, 44.9]	11.3 [8.0, 15.9]
65+ (n = 663)	43.6 [38.4, 48.8]	11.0 [8.0, 14.9]	6.4 [4.1, 9.9]	29.4 [24.9, 34.3]	9.6 [6.7, 13.6]
<b>Gender identity</b>					
Men (n = 463)	38.4 [32.5, 44.6]	13.7 [9.4, 19.5]	6.6 [4.0, 10.5]	31.0 [25.7, 36.9]	10.3 [6.8, 15.4]
Women (n = 704)	35.1 [30.5, 40.1]	13.0 [9.8, 17.1]	4.9 [3.3, 7.3]	36.5 [31.7, 41.7]	10.4 [7.7, 14.0]
<b>Race and ethnicity</b>					
Asian, non-Hispanic (n = 16)	-	-	-	-	-
Black, non-Hispanic (n = 296)	40.4 [32.6, 48.8]	7.3 [4.8, 11.1]	7.5 [4.1, 13.5]	29.1 [22.5, 36.6]	15.7 [10.9, 22.0]
Hispanic (n = 14)	-	-	-	-	-
White, non-Hispanic (n = 821)	36.2 [32.1, 40.6]	14.1 [10.9, 18.0]	5.4 [3.6, 7.9]	35.3 [31.1, 39.7]	9.0 [6.6, 12.3]
<b>Household income</b>					
Less than \$60,000 (n = 743)	34.4 [29.6, 39.5]	12.0 [8.7, 16.3]	5.6 [3.8, 8.1]	34.8 [30.0, 39.9]	13.3 [9.8, 17.7]
\$60,000 or greater (n = 430)	39.3 [33.4, 45.4]	14.9 [10.6, 20.7]	5.8 [3.2, 10.0]	33.5 [27.8, 39.7]	6.6 [4.2, 10.0]
<b>Education**</b>					
Some college or less (n = 799)	31.8 [27.4, 36.4]	14.5 [11.0, 18.9]	5.5 [3.6, 8.2]	37.0 [32.4, 41.9]	11.2 [8.3, 15.0]
Bachelor's degree or higher (n = 374)	47.8 [41.1, 54.4]	10.1 [6.6, 15.0]	6.1 [3.7, 9.8]	27.4 [21.9, 33.8]	8.7 [5.5, 13.4]
<b>Michigan region</b>					
Northern & Upper Peninsula (n = 235)	31.2 [24.7, 38.7]	10.3 [6.5, 15.9]	9.3 [5.9, 14.4]	42.2 [34.7, 50.1]	6.8 [4.2, 11.1]
Southeast (n = 402)	37.6 [31.3, 44.3]	16.5 [11.4, 23.3]	3.2 [1.8, 5.6]	32.4 [26.3, 39.1]	10.3 [6.8, 15.3]
Southwest & South Central (n = 251)	40.6 [33.7, 47.9]	11.1 [7.3, 16.4]	4.6 [2.4, 8.4]	35.8 [29.1, 43.2]	7.9 [4.7, 13.0]
Central (n = 285)	35.0 [28.5, 42.1]	10.7 [7.2, 15.8]	8.0 [4.5, 13.9]	33.2 [26.8, 40.4]	13.0 [8.6, 19.3]
<b>Urbanicity</b>					
Urban (n = 60)	51.9 [36.1, 67.4]	15.2 [6.6, 31.1]	8.1 [1.8, 29.6]	18.0 [9.1, 32.6]	6.8 [1.8, 22.5]
Suburban (n = 173)	35.5 [27.6, 44.4]	16.9 [11.0, 25.2]	4.2 [2.0, 8.6]	33.4 [25.6, 42.2]	9.9 [5.4, 17.7]
Rural (n = 116)	31.7 [22.1, 43.1]	10.9 [6.0, 19.2]	3.4 [1.4, 8.1]	47.1 [35.0, 59.6]	6.9 [2.1, 20.3]
<b>Physical health</b>					
Excellent, very good, or good (n = 923)	36.9 [32.7, 41.3]	14.5 [11.3, 18.5]	4.8 [3.2, 7.1]	34.4 [30.2, 38.8]	9.3 [6.9, 12.5]
Fair or poor (n = 248)	33.9 [26.1, 42.6]	8.0 [4.4, 14.3]	8.7 [4.9, 14.9]	34.1 [26.5, 42.5]	15.4 [9.8, 23.3]
<b>Mental health*</b>					
Excellent, very good, or good (n = 1005)	37.0 [32.9, 41.2]	13.7 [10.7, 17.5]	4.9 [3.3, 7.2]	34.7 [30.7, 39.0]	9.7 [7.3, 12.7]
Fair or poor (n = 151)	33.1 [23.2, 44.8]	7.3 [4.0, 13.0]	10.5 [5.8, 18.2]	32.7 [23.1, 44.0]	16.5 [9.3, 27.5]
<b>Disability</b>					
Disability that limits daily activities (n = 547)	37.5 [32.0, 43.4]	11.2 [7.7, 16.1]	7.8 [5.0, 12.1]	31.4 [26.3, 37.0]	12.0 [8.5, 16.7]
No disability that limits daily activities (n = 624)	35.6 [30.6, 40.9]	14.7 [10.9, 19.6]	4.0 [2.6, 6.1]	36.4 [31.3, 41.8]	9.3 [6.5, 13.3]
<b>Chronic condition</b>					
Yes (n = 194)	42.5 [33.7, 51.7]	16.0 [10.2, 24.1]	5.7 [2.3, 13.5]	29.4 [21.7, 38.6]	6.4 [2.8, 13.9]
No (n = 979)	34.5 [30.5, 38.8]	12.4 [9.4, 16.1]	5.6 [4.1, 7.7]	35.7 [31.6, 40.0]	11.8 [9.1, 15.1]
<b>Lives alone</b>					
Yes (n = 380)	37.1 [30.4, 44.3]	13.8 [8.7, 21.3]	5.8 [2.9, 11.2]	32.1 [25.8, 39.1]	11.2 [6.9, 17.7]
No (n = 793)	36.1 [31.7, 40.7]	12.9 [9.9, 16.7]	5.6 [3.9, 7.9]	35.2 [30.7, 39.9]	10.2 [7.6, 13.5]

Pearson, \*p<.05, \*\*p<.01, \*\*\*p<.001