

South Dakota

Metric	2016 Value	2016 Rank	2016 No 1 State	2015 Value	2015 Rank	2014 Value	2014 Rank
Overall	0.120	25	0.627	0.132	23	0.043	27

Strengths

High flu vaccination coverage

Low percentage of hospital readmissions

Low prevalence of frequent mental distress

Challenges

Low SNAP enrollment

Low percentage of seniors with dedicated provider

Low hospice care use



Behaviors

Smoking (% of adults aged 65+)	8.5	21	4.5	8.4	17	9.2	29
Excessive Drinking (% of adults aged 65+)	5.1	13	2.9	-	-	-	-
Obesity (% of adults 65+)	26.7	16	14.1	28.7	37	28.4	40
Underweight (% of adults aged 65+ in fair or better health)	2.1	46	0.7	1.0	2	0.8	1
Physical Inactivity (% of adults aged 65+ in fair or better health)	26.6	8	22.7	31.1	17	32.4	40
Dental Visit (% of adults aged 65+)	65.4	27	78.1	64.0	27	64.0	27
Pain Management (% of adults aged 65+ with arthritis)	41.8	42	53.2	41.8	42	52.1	25
Behaviors Total*	0.021	20	0.205	0.714	15	-0.021	27

Community & Environment

Poverty (% of adults aged 65+)	10.6	41	4.3	10.5	41	11.0	43
Volunteerism (% of adults aged 65+)	36.0	5	46.3	37.5	4	37.1	5
Nursing Home Quality (% of beds rated 4- or 5-stars)	43.3	31	62.9	36.4	36	43.2	37
Community & Environment--Macro Total*	0.034	21	0.138	0.016	24	0.016	26
Home-Delivered Meals (participants as a % of adults aged 65+ in poverty)	23.7	22	101.3	25.2	24	-	-
Food Insecurity (% of adults aged 60+)	14.0	22	8.3	13.0	17	11.7	14
Community Support (dollars per adults aged 65+ in poverty)	\$1,079	13	\$6,701	\$1,141	13	\$1,063	15
Community & Environment--Micro Total*	0.029	20	0.192	0.032	17	0.044	15
Community & Environment Total*	0.062	23	0.290	0.048	24	0.057	23

Policy

Low-Care Nursing Home Residents (% of residents)	16.8	44	4.1	16.7	41	16.7	41
Prescription Drug Coverage (% of adults aged 65+)	84.0	31	88.0	88.6	3	88.6	3
Geriatrician Shortfall (% of required geriatricians)	67.3	26	25.8	67.3	26	74.0	40
SNAP Reach (participants as a % of adults aged 60+ in poverty)	40.0	47	124.4	43.6	47	-	-
Policy Total*	-0.106	44	0.204	-0.055	38	-0.044	36

Clinical Care

Dedicated Health Care Provider (% of adults aged 65+)	90.2	47	96.9	92.9	38	90.3	47
Flu Vaccine (% of adults aged 65+)	70.7	1	70.7	71.3	3	66.4	8
Health Screenings (% of adults aged 65 to 74)	88.6	12	92.3	86.2	25	86.2	25
Recommended Hospital Care (% of hospitalized patients aged 65+)	98.2	5	98.7	96.8	17	97.2	49
Diabetes Management (% of Medicare beneficiaries aged 65 to 75)	73.9	44	86.2	74.5	43	74.6	43
Home Health Care (number of workers per 1,000 adults age 75+)	49.0	49	278.8	45.1	49	39.7	48
Preventable Hospitalizations (discharges per 1,000 Medicare beneficiaries)	51.8	27	24.4	57.5	28	63.0	27
Hospital Readmissions (% of hospitalized patients aged 65+)	12.6	2	12.4	14.2	9	14.8	9
Hospice Care (% of decedents aged 65+)	38.1	45	65.5	38.3	45	36.0	44
Hospital Deaths (% of decedents aged 65+)	20.3	20	15.3	19.5	11	21.3	12
Clinical Care Total	0.010	24	0.102	0.004	29	-0.060	43

All Determinants*

	-0.013	28	0.428	0.043	25	-0.068	30
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Outcomes

ICU Use (% of decedents aged 65+)	8.2	15	4.4	8.3	12	6.9	8
Falls (% of adults aged 65+)	28.5	24	20.6	27.9	23	27.9	23
Hip Fractures (hospitalizations per 1,000 Medicare beneficiaries)	5.9	27	3.1	6.1	24	7.1	20
Health Status (% of adults aged 65+ with very good or excellent health)	41.1	28	50.7	40.0	29	38.2	32
Able-bodied (% of adults aged 65+)	65.5	17	69.6	64.3	26	64.3	24
Premature Death (deaths per 100,000 adults aged 65 to 74)	1592.0	14	1393.9	1768.8	26	1768.0	17
Teeth Extractions (% of adults aged 65+)	16.1	29	6.4	19.4	36	19.4	36
Frequent Mental Distress (% of adults aged 65+)	4.7	1	4.7	-	-	-	-
All Outcomes*	0.13	14	0.31	0.09	21	0.11	18

Supplemental Measures

Education (% of adults aged 65+)	20.5	37	34.0	20.5	33	19.6	33
Clinical Overuse--Mammography 75+	30.3	49	18.6	-	-	-	-
Clinical Overuse--PSA Test 75+	15.7	15	11.5	-	-	-	-
Multiple Chronic Conditions (% of Medicare beneficiaries aged 65+)	29.8	12	22.0	29.4	11	27.2	11
Cognition (% of adults aged 65+)	8.2	20	6.3	7.8	12	7.5	10
Depression (% of adults aged 65+)	11.9	2	8.2	10.5	2	12.4	15
Suicide (deaths per 100,000 adults aged 65+)	10.0	4	7.6	11.4	8	12.4	13

NA= not available

* Negative value denotes below US average; positive value denotes above US average

Middle-Aged Cohort Health Estimates

Obesity (% of adults aged 50-74)	31.3	37.2	18.8
Diabetes (% of adults aged 50-74)	9.3	12.2	31.2
Smoking (% of adults aged 50-74)	36.1	20.5	-43.2
Health Status (% of adults aged 50-74 with very good or excellent health)	54.4	50.4	-7.4

1999 Prevalence (%)

2014 Prevalence (%)

Change (%)**

**Percent change in prevalence from 1999 to 2014

Senior Projected Population Growth 2016 to 2030

Projected Total Population Growth - Seniors 65 and older

State (%)

US (%)

51.0

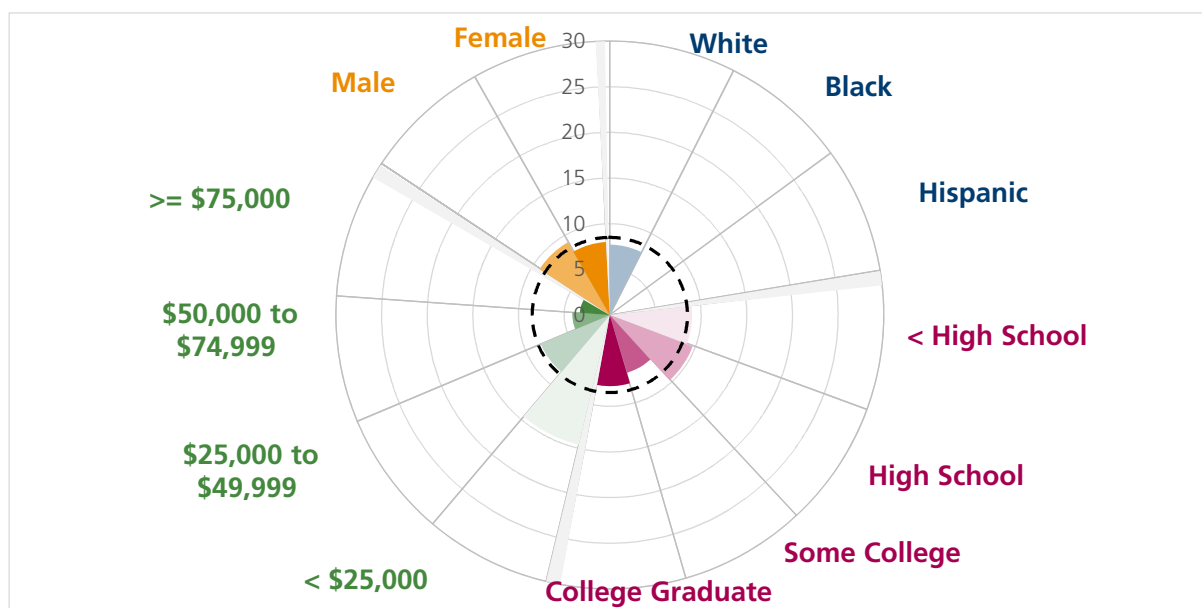
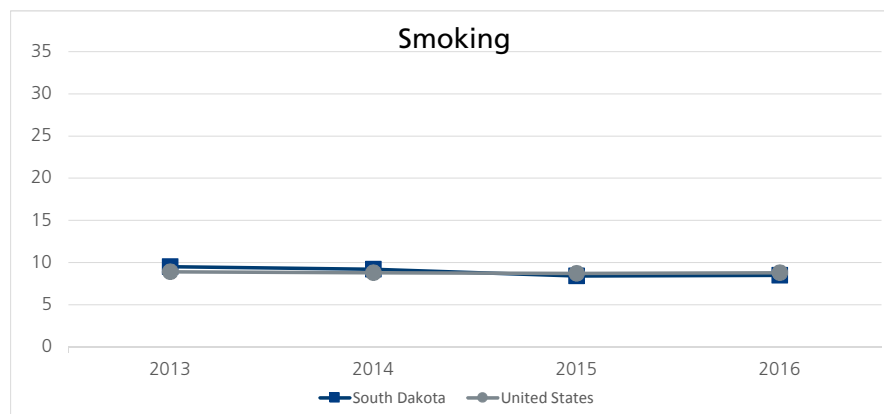
49.5

Smoking

South Dakota

Edition	SD	US
2013	9.5	8.9
2014	9.2	8.8
2015	8.4	8.7
2016	8.5	8.8

Percentage of adults aged 65 and older who are self-reported smokers (smoked at least 100 cigarettes in their lifetime and currently smoke every day or some days)



SD

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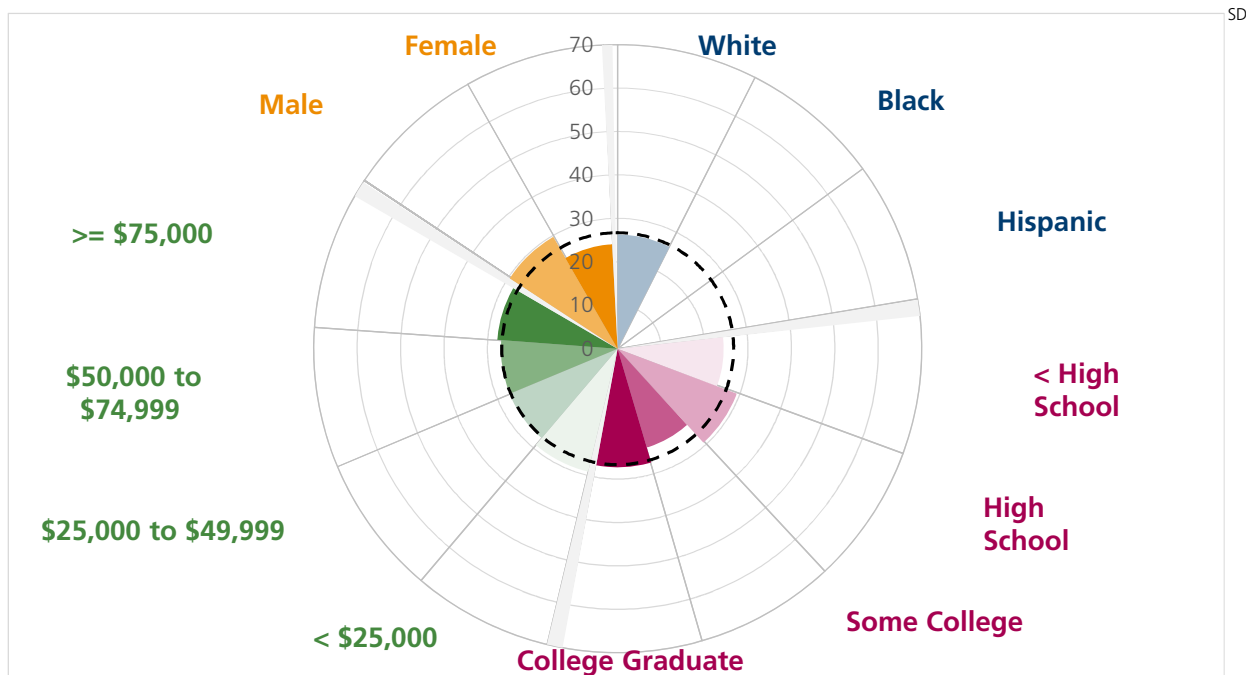
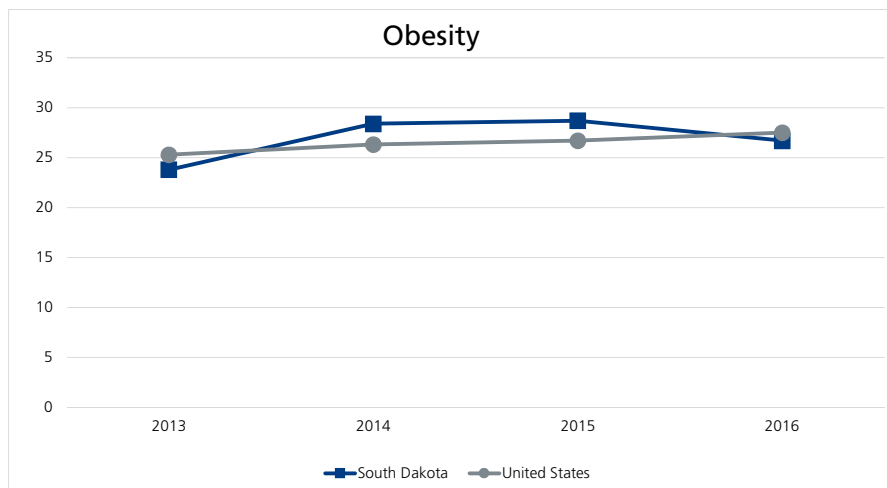
Prevalence of Smoking 2016 (% of adults 65+)

Group	Value	95% CI	Min	Max	Group	Value	95% CI	Min	Max
Non-Hispanic White	7.7	5.7 - 9.7	4.0	12.6	Less Than \$25,000	14.6	9.4 - 19.8	8.5	19.2
Non-Hispanic Black	NA	NA	8.5	24.8	\$25,000 to \$49,999	8.2	4.4 - 12.0	4.0	16.3
Hispanic	NA	NA	0.4	14.3	\$50,000 to \$74,999	4.1	-0.2 - 8.4	2.6	11.2
Less Than High School	9.0	3.1 - 14.9	6.3	24.1	\$75,000 or More	3.3	0.2 - 6.3	2.0	14.2
High School Graduate	9.7	6.4 - 13.1	6.4	17.0	Male	9.2	6.0 - 12.5	5.0	13.5
Some College	7.7	5.7 - 9.7	4.0	12.6	Female	8.0	5.5 - 10.5	3.4	12.7
College Graduate	NA	NA	0.4	14.3					
Urban	7.8	4.6 - 11.0	1.8	14.8					
Suburban	5.9	3.1 - 8.8	3.8	14.0					
Rural	8.3	4.8 - 11.8	3.9	15.1					

NA= not available

Edition	SD	US
2013	23.8	25.3
2014	28.4	26.3
2015	28.7	26.7
2016	26.7	27.5

Percentage of adults aged 65 and older estimated to be obese (body mass index [BMI] of 30.0 or higher) based on self-reported height and weight



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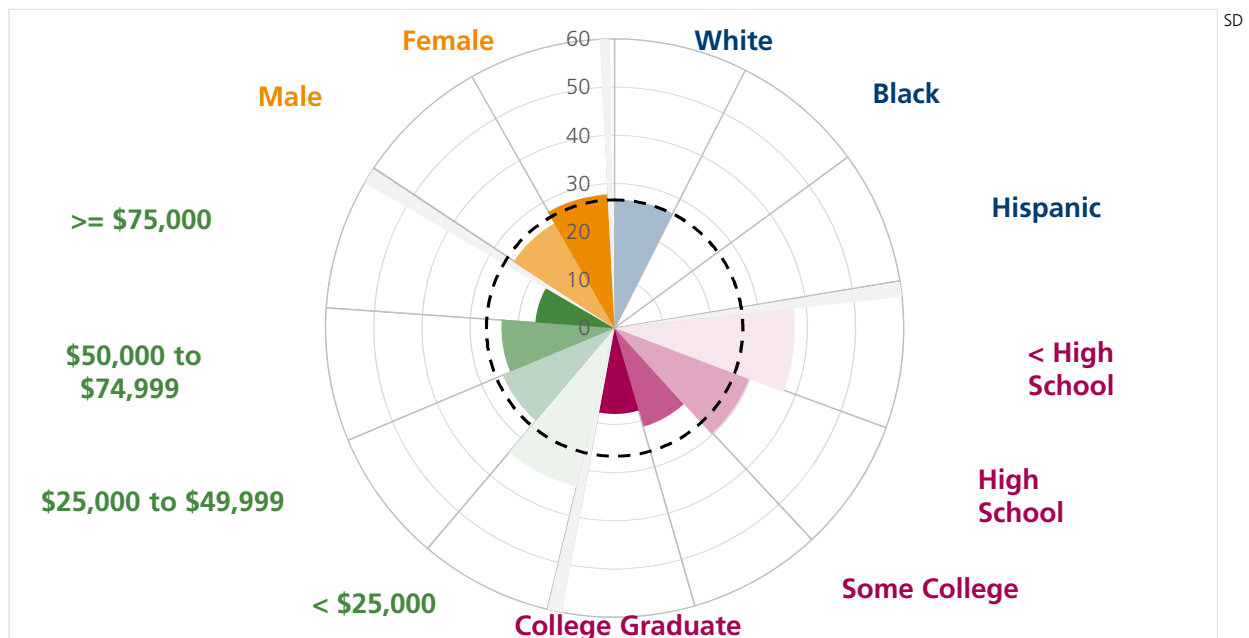
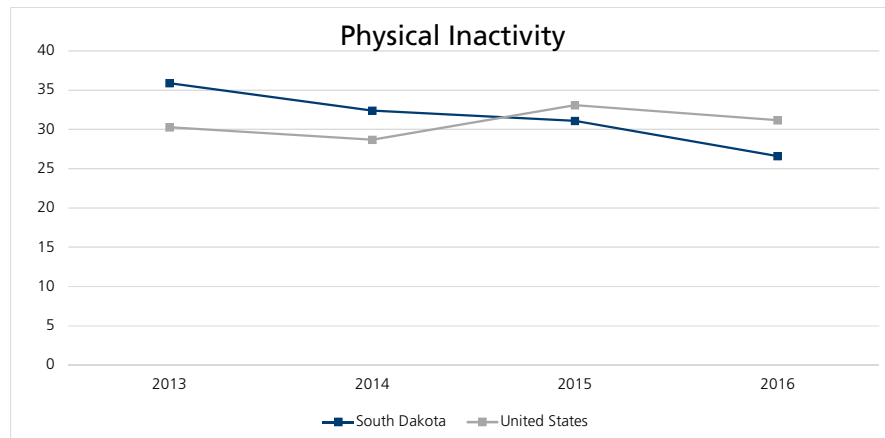
Prevalence of Obesity 2016 (% of adults 65+)

Group	Value	95% CI	Min	Max	Group	Value	95% CI	Min	Max
Non-Hispanic White	26.3	23.3 - 29.2	17.7	31.9	Less Than \$25,000	29.1	22.4 - 35.9	15.3	38.0
Non-Hispanic Black	NA	NA	24.8	68.0	\$25,000 to \$49,999	27.0	21.6 - 32.5	11.7	35.3
Hispanic	NA	NA	20.8	45.6	\$50,000 to \$74,999	26.9	19.0 - 34.8	16.9	35.9
					\$75,000 or More	27.8	19.6 - 36.0	13.8	33.7
Less Than High School	24.4	16.5 - 32.3	9.7	43.9	Male	29.7	25.1 - 34.4	14.7	35.9
High School Graduate	29.3	24.0 - 34.6	18.1	34.5	Female	24.1	20.2 - 28.0	13.6	33.8
Some College	23.7	18.4 - 29.0	13.4	34.1					
College Graduate	27.3	22.1 - 32.5	13.2	29.8					
Urban	26.9	21.8 - 32.1	12.2	33.2					
Suburban	26.2	19.0 - 33.4	20.2	35.0					
Rural	26.2	21.1 - 31.3	11.6	36.5					

NA= not available

Edition	% of adults 65+	
	SD	US
2013	35.9	30.3
2014	32.4	28.7
2015	31.1	33.1
2016	26.6	31.2

Percentage of adults aged 65 and older with fair or better health status who self-report doing no physical activity or exercise other than their regular job in the last 30 days



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Prevalence of Physical Inactivity 2016 (% of adults 65+)

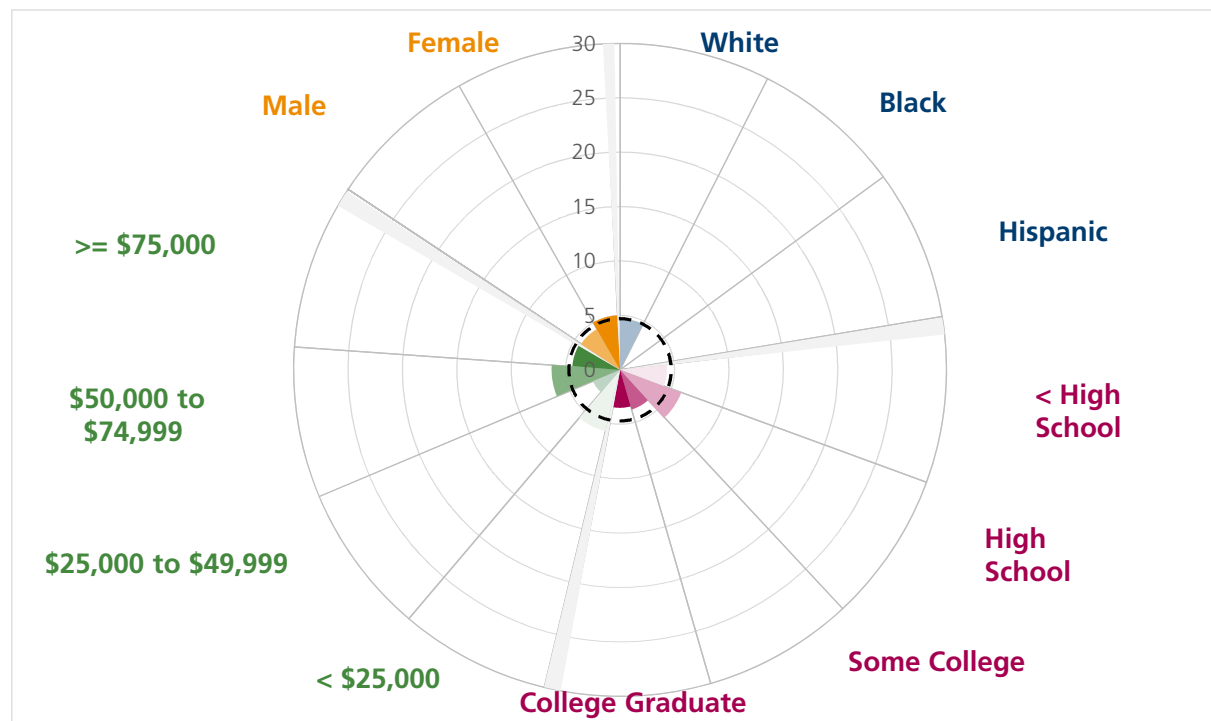
Group	Value	95% CI	Min	Max	Group	Value	95% CI	Min	Max
Non-Hispanic White	26.7	23.7 - 29.7	21.1	41.5	Less Than \$25,000	33.8	27.1 - 40.5	33.8	50.7
Non-Hispanic Black	NA	NA	25.2	46.4	\$25,000 to \$49,999	25.2	19.5 - 30.8	20.4	38.8
Hispanic	NA	NA	24.2	52.5	\$50,000 to \$74,999	23.5	15.7 - 31.3	12.7	35.8
					\$75,000 or More	16.5	10.7 - 22.4	9.3	30.5
Less Than High School	37.4	27.8 - 47.1	31.1	55.4	Male	25.1	20.7 - 29.6	18.1	39.1
High School Graduate	29.8	24.9 - 34.7	29.0	47.6	Female	27.8	24.0 - 31.6	25.3	43.5
Some College	21.3	16.4 - 26.3	20.4	36.2					
College Graduate	17.8	13.3 - 22.3	10.8	24.9					
Urban	26.1	21.3 - 30.9	22.3	39.0					
Suburban	26.5	18.5 - 34.5	21.0	43.8					
Rural	28.6	23.5 - 33.6	21.7	45.3					

NA= not available

	% of adults 65+	
Edition	SD	US
2016	4.7	7.4

Edition 2016 - Percentage of adults aged 65 and older who self-report their mental health was not good 14 or more days during the past 30 days

SD



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Prevalence of Frequent Mental Distress 2016 (% of adults 65+)

Group	Value	95% CI	Min	Max	Group	Value	95% CI	Min	Max
Non-Hispanic White	4.7	3.3 - 6.2	3.6	9.8	Less Than \$25,000	5.8	2.9 - 8.7	5.8	13.7
Non-Hispanic Black	NA	NA	1.7	30.0	\$25,000 to \$49,999	2.7	0.7 - 4.8	2.7	10.2
Hispanic	NA	NA	4.3	16.4	\$50,000 to \$74,999	6.3	0.8 - 11.7	1.2	9.1
Less Than High School	4.3	1.3 - 7.4	4.3	21.9	\$75,000 or More	4.4	0.9 - 7.9	1.5	10.3
High School Graduate	6.0	3.3 - 8.7	5.0	10.7	Male	4.3	2.2 - 6.4	3.7	9.2
Some College	3.8	1.8 - 5.7	3.6	11.2	Female	5.0	3.2 - 6.8	4.7	11.5
College Graduate	3.5	1.5 - 5.4	2.2	9.1					
Urban	5.4	2.9 - 8.0	3.5	11.1					
Suburban	4.7	1.5 - 8.0	3.4	10.2					
Rural	3.3	1.3 - 5.3	3.1	11.7					

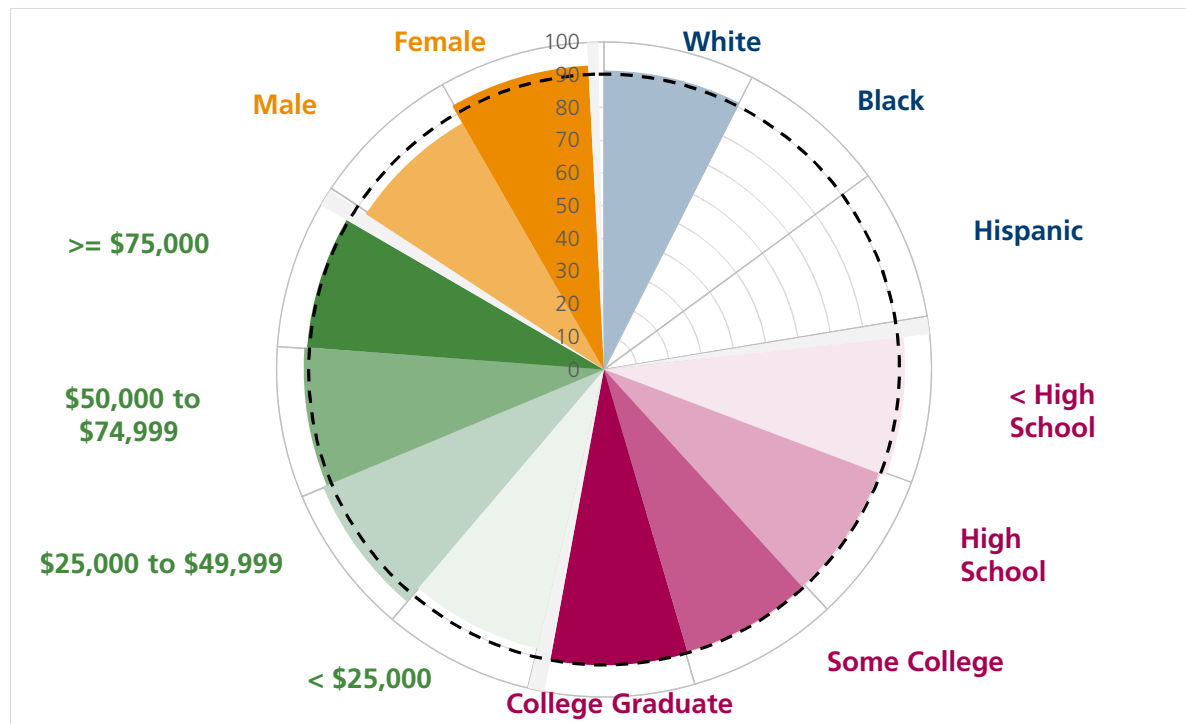
NA= not available

Edition
2016

% of adults 65+
SD 90.2
US 94.3

Edition 2016 - Percentage of adults aged 65 and older who self-report having a personal doctor or health care provider

SD



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Dedicated Health Care Provider 2016 (% of adults aged 65+)

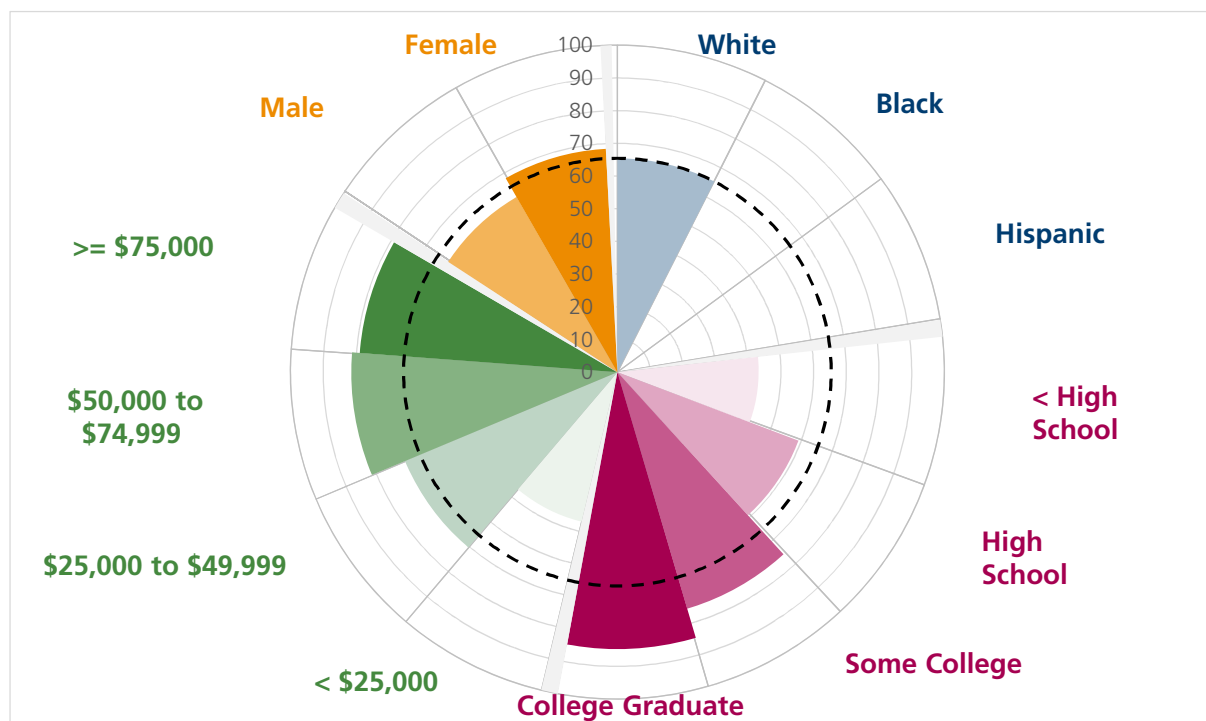
Group	Value	85% CI	Best	Worse					
Non-Hispanic White	91.3	89.1 - 93.4	87.4	97.6	Less Than \$25,000	87.6	82.0 - 93.1	82.1	96.5
Non-Hispanic Black	NA	NA	82.9	97.7	\$25,000 to \$49,999	93.0	89.6 - 96.4	77.6	97.9
Hispanic	NA	NA	78.9	97.1	\$50,000 to \$74,999	91.7	85.2 - 98.3	86.2	99.4
					\$75,000 or More	90.9	85.8 - 96.0	88.4	99.1
Less Than High School	91.9	87.0 - 96.7	75.7	96.3	Male	86.8	83.0 - 90.5	83.8	97.0
High School Graduate	89.7	85.9 - 93.5	86.8	97.6	Female	92.9	90.3 - 95.6	87.3	97.9
Some College	89.9	85.7 - 94.1	87.4	98.1					
College Graduate	90.3	85.8 - 94.7	89.0	98.9					
Urban	93.6	90.9 - 96.3	89.4	100.0					
Suburban	94.8	92.2 - 97.4	84.1	98.2					
Rural	87.6	83.3 - 91.8	83.4	99.2					

NA= not available

Edition 2016
SD 65.4
US 65.7

Edition 2016 - Percentage of adults aged 65 and older who self-report visiting the dentist or dental clinic within the past year for any reason

SD



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Dental Visit 2016 (% of adults aged 65+)

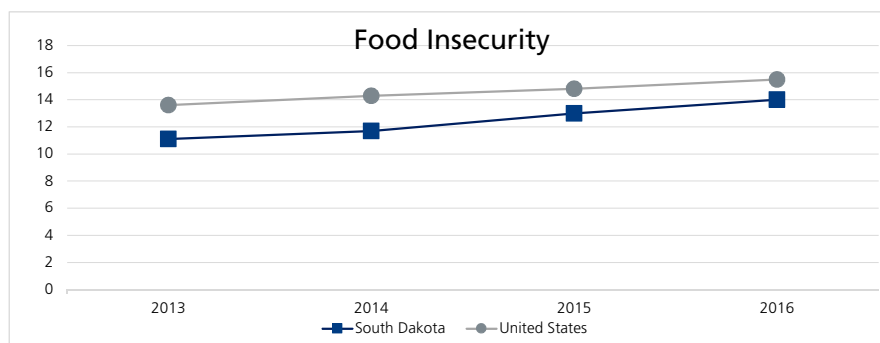
Group	Value	95% CI	Min	Max	Group	Value	95% CI	Min	Max
Non-Hispanic White	65.4	62.1 - 68.8	49.9	79.9	Less Than \$25,000	47.0	39.8 - 54.2	31.6	58.7
Non-Hispanic Black	NA	NA	32.9	68.9	\$25,000 to \$49,999	70.4	64.4 - 76.4	57.2	79.1
Hispanic	NA	NA	39.0	88.2	\$50,000 to \$74,999	81.4	73.7 - 89.0	64.1	87.4
					\$75,000 or More	79.0	71.4 - 86.5	73.2	94.6
Less Than High School	43.2	32.9 - 53.6	22.4	61.0	Male	61.8	56.7 - 67.0	47.1	75.2
High School Graduate	59.2	53.8 - 64.6	47.0	70.8	Female	68.4	64.2 - 72.6	49.9	80.4
Some College	75.4	70.0 - 80.9	60.4	81.8					
College Graduate	84.7	80.5 - 88.9	77.7	90.9					
Urban	69.3	63.9 - 74.6	55.2	81.9					
Suburban	64.4	55.7 - 73.0	49.2	79.5					
Rural	64.1	58.5 - 69.7	43.7	76.5					

NA= not available

Food Insecurity

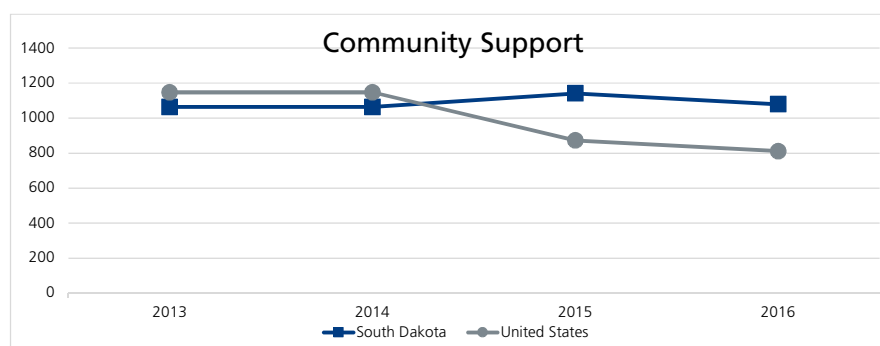
	% of adults 60+	
Edition	SD	US
2013	11.1	13.6
2014	11.7	14.3
2015	13.0	14.8
2016	14.0	15.5

Percentage of adults aged 60 and older who face the threat of hunger in the last 12 months

**Community Support**

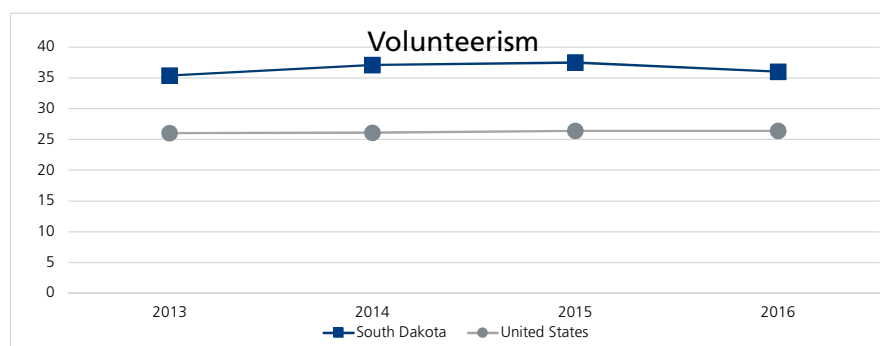
	dollars per adults aged 65+ in poverty	
Edition	SD	US
2013	\$1,063	\$1,147
2014	\$1,063	\$1,147
2015	\$1,141	\$873
2016	\$1,079	\$811

Total expenditures captured by the Administration on Aging per adult aged 65 and older living in poverty

**Volunteerism**

	% of adults 65+	
Edition	SD	US
2013	35.4	26.0
2014	37.1	26.1
2015	37.5	26.4
2016	36.0	26.4

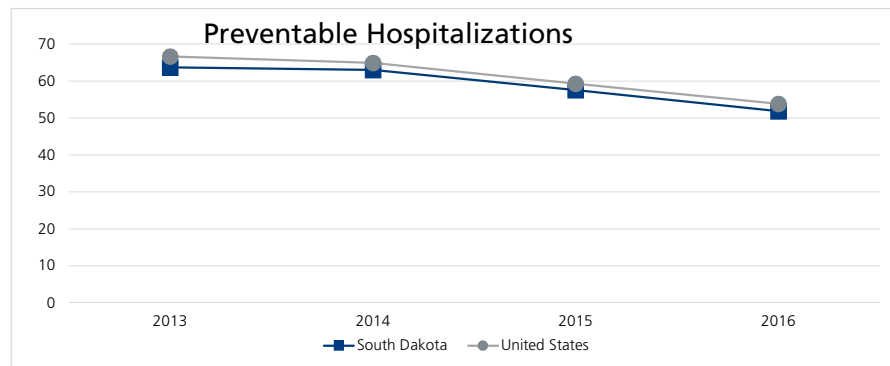
Percentage of adults aged 65 and older who report volunteering through or for an organization in the past 12 months



Preventable Hospitalizations

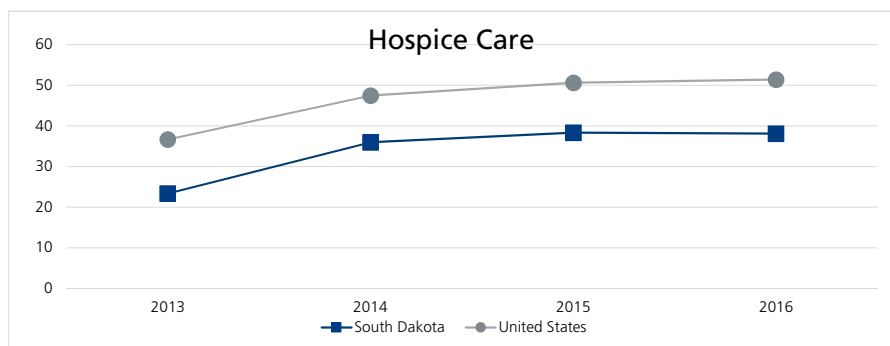
	discharges per 1000 Medicare beneficiaries	
Edition	SD	US
2013	63.7	66.6
2014	63.0	64.9
2015	57.5	59.3
2016	51.8	53.8

Number of discharges for
ambulatory care-sensitive
conditions per 1,000 Medicare
beneficiaries

**Hospice Care**

	% of adults 65+	
Edition	SD	US
2013	23.4	36.7
2014	36.0	47.5
2015	38.3	50.6
2016	38.1	51.4

Percentage of decedents aged 65 and
older who were enrolled in hospice
during the last 6 months of life after
diagnosis of condition with high
probability of death

**Hospital Deaths**

	% of adults 65+	
Edition	SD	US
2013	24.7	30.1
2014	21.3	25.0
2015	19.5	22.8
2016	20.3	21.5

Percentage of decedents aged
65 and older who died in a
hospital

