

Module: Chronic Health Conditions

NNHS.Q65: Ever told that you had a heart attack also called myocardial infarction?

	Percent	Lower Estimate	Upper Estimate	N
Heart Attack	4.5%	3.3%	6.2%	2,304
Male	6.0%	3.7%	9.7%	812
Female	3.4%	2.4%	4.9%	1,492

Ever told you had a heart attack, by Age Group

	Point	Lower	Upper	N
<30	0.4%	0.1%	1.4%	319
30-39	2.3%	0.8%	6.6%	264
40-49	5.5%	2.1%	13.7%	332
50-59	4.8%	2.8%	8.1%	500
60-69	9.2%	4.8%	16.7%	455
70-79	12.6%	6.2%	23.7%	308
80+	9.5%	4.4%	19.2%	126

NNHS.Q66: Ever told you had angina or coronary heart disease?

	Percent	Lower Estimate	Upper Estimate	N
Angina or CHD	2.3%	1.7%	3.2%	2,290
Male	2.8%	1.8%	4.4%	804
Female	2.1%	1.3%	3.5%	1,486

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Ever told you had angina or coronary heart disease, by Age Group

	Point	Lower	Upper	N
<30	0.04%	0.01%	0.3%	317
30-39	1.6%	0.5%	4.8%	264
40-49	1.8%	0.7%	4.6%	331
50-59	2.7%	1.3%	5.4%	499
60-69	6.4%	2.9%	13.2%	453
70-79	5.9%	3.1%	11.1%	301
80+	5.9%	2.6%	13.0%	125

NNHS.Q67: Ever told you had a stroke?

	Percent	Lower Estimate	Upper Estimate	N
Stroke	2.0%	1.5%	2.7%	2,302
Male	1.9%	1.1%	3.2%	807
Female	2.2%	1.4%	3.3%	1,495

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Ever told you had a stroke, by Age Group

	Point	Lower	Upper	N
<30	0%			318
30-39	1.2%	0.3%	4.5%	265
40-49	1.2%	0.4%	3.9%	327
50-59	4.1%	2.5%	6.4%	499
60-69	3.5%	1.6%	7.7%	456
70-79	6.4%	3.3%	12.1%	308
80+	2.6%	1.0%	6.7%	129

NNHS.Q68: Ever told you have high blood pressure?

	Percent	Lower Estimate	Upper Estimate
Yes	28.8% (25.1%, 32.9%)	32.8% (26.1%, 40.4%)	26.6% (22.3%, 31.5%)
Only during pregnancy	2.5% (1.6%, 4.0%)	NA	3.7% (2.2%, 5.9%)
No	66.2% (62.2%, 70.1%)	64.3% (57.1%, 70.9%)	67.9% (63.2%, 72.3%)
Borderline or pre-hypertensive	2.4% (1.5%, 3.9%)	2.9% (1.5%, 5.6%)	1.8% (0.8%, 3.9%)
N	2,301	794	1,495

Data Source: Report of the Navajo Behavioral Risk Factor Surveillance Survey, 2013, 2015, 2016.

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Ever told you have high blood pressure, by Age Group, response of "Yes" only

	Point	Lower	Upper	N
<30	13.3%	6.7%	24.7%	316
30-39	21.5%	15.0%	29.8%	263
40-49	30.2%	20.8%	41.5%	330
50-59	35.5%	27.5%	44.4%	497
60-69	44.2%	35.8%	53.0%	454
70-79	54.5%	40.3%	68.1%	309
80+	45.8%	32.9%	59.4%	132

NNHS.Q69: Are you currently taking medicine for your high blood pressure?

	Percent	Lower Estimate	Upper Estimate	N
Yes	67.8%	58.9%	75.6%	812
Male	59.5%	46.6%	71.3%	305
Female	63.1%	53.9%	71.4%	507

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Taken high blood pressure medicine if high blood pressure or borderline high blood pressure, by Age Group

	Point	Lower	Upper	N
<30	61.3%	36.4%	81.4%	43
30-39	45.4%	26.3%	66.1%	59
40-49	55.5%	31.6%	77.1%	89
50-59	72.9%	57.6%	84.2%	200
60-69	86.7%	77.3%	92.6%	239
70-79	87.1%	74.5%	93.9%	185
80+	79.4%	57.9%	91.5%	74

NNHS.Q70: Ever told you had asthma?

	Percent	Lower Estimate	Upper Estimate	N
Asthma (ever)	12.3%	10.1%	15.0%	2,300
Male	10.0%	7.3%	13.5%	807
Female	14.2%	11.2%	17.8%	1,493

Module: Chronic Health Conditions

Ever told you had asthma, by Age Group

	Point	Lower	Upper	N
<30	10.9%	6.6%	17.6%	317
30-39	10.7%	5.9%	18.5%	264
40-49	10.7%	6.7%	16.6%	327
50-59	13.7%	8.4%	21.5%	499
60-69	19.7%	12.9%	28.9%	454
70-79	10.5%	6.7%	16.2%	309
80+	14.4%	5.7%	32.1%	130

NNHS.Q71: Do you still have asthma?

	Percent	Lower Estimate	Upper Estimate	N
Asthma (still)	69.8%	58.1%	79.4%	330
Male	62.2%	45.5%	76.4%	102
Female	75.3%	63.7%	84.2%	228

NNHS.Q72: Ever told you had skin cancer?

	Percent	Lower Estimate	Upper Estimate	N
Skin cancer	0.7%	0.4%	1.3%	2,312
Male	0.5%	0.2%	1.2%	811
Female	0.9%	0.4%	2.0%	1,501

Data Source: Report of the Navajo Behavioral Risk Factor Surveillance Survey, 2013, 2015, 2016.

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NNHS.Q73: Ever told you had any other types of cancer?

	Percent	Lower Estimate	Upper Estimate	N
Other cancer	3.0%	2.0%	4.3%	2,304
Male	3.1%	1.5%	6.5%	811
Female	3.0%	2.1%	4.2%	1,493

Ever told you had any other types of cancer, by Age Group

	Point	Lower	Upper	N
<30	0.2%	0.04%	1.0%	317
30-39	3.6%	0.8%	14.9%	265
40-49	2.2%	1.0%	4.8%	328
50-59	3.7%	1.9%	6.9%	495
60-69	6.9%	4.3%	11.1%	457
70-79	5.5%	2.8%	10.7%	311
80+	4.0%	1.6%	10.0%	131

NNHS.Q74: Ever told you have Chronic Obstructive Pulmonary Disease or COPD, emphysema or chronic bronchitis?

	Percent	Lower Estimate	Upper Estimate	N
COPD	3.4%	2.4%	4.8%	2,293
Male	3.6%	2.0%	6.6%	806
Female	3.1%	2.0%	4.6%	1,487

Data Source: Report of the Navajo Behavioral Risk Factor Surveillance Survey, 2013, 2015, 2016.

All Result Responses – Chronic Health Conditions.

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Ever told you have COPD, by Age Group

	Point	Lower	Upper	N
<30	1.8%	0.5%	5.8%	314
30-39	1.4%	0.5%	4.1%	264
40-49	4.1%	1.4%	11.2%	329
50-59	5.2%	2.5%	10.8%	496
60-69	4.8%	2.7%	8.3%	456
70-79	5.2%	2.4%	10.8%	306
80+	4.0%	0.8%	17.1%	128

NNHS.Q75: Ever told you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?

	Percent	Lower Estimate	Upper Estimate	N
Arthritis	19.7%	16.9%	23.0%	2,294
Male	19.9%	15.2%	25.6%	808
Female	20.2%	17.1%	23.8%	1486

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Ever told you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia, by Age Group

	Point	Lower	Upper	N
<30	5.5%	2.7%	10.9%	318
30-39	8.9%	4.3%	17.8%	263
40-49	19.1%	13.5%	26.3%	330
50-59	28.9%	23.2%	35.3%	496
60-69	35.1%	26.1%	45.2%	451
70-79	46.8%	35.9%	58.1%	305
80+	41.8%	35.0%	60.9%	131

NNHS.Q76: Ever told you have depressive disorder, including depression, major depression, dysthymia, or minor depression?

	Percent	Lower Estimate	Upper Estimate	N
Depression	16.2%	12.9%	20.1%	2,288
Male	14.1%	9.5%	20.4%	802
Female	18.1%	13.9%	23.1%	1,486

Module: Chronic Health Conditions

Ever told you have depressive disorder, including depression, major depression, dysthymia, or minor depression, by Age Group

	Point	Lower	Upper	N
<30	13.9%	6.3%	27.8%	316
30-39	14.9%	7.5%	27.6%	264
40-49	15.4%	10.7%	21.6%	328
50-59	21.7%	17.0%	27.4%	497
60-69	12.5%	8.9%	17.3%	452
70-79	24.0%	15.4%	35.3%	304
80+	12.0%	5.9%	22.9%	127

NNHS.Q77: Ever told you have kidney disease? Do NOT include kidney stones, bladder infection or incontinence?

	Percent	Lower Estimate	Upper Estimate	N
Kidney Disease	2.6%	1.8%	3.6%	2,302
Male	3.0%	1.8%	4.8%	807
Female	2.2%	1.4%	3.4%	1,495

Module: Chronic Health Conditions

Ever told you have kidney disease, by Age Group

	Point	Lower	Upper	N
<30	1.8%	0.5%	5.7%	317
30-39	2.0%	0.7%	5.9%	265
40-49	1.5%	0.6%	3.7%	328
50-59	3.9%	2.1%	7.2%	501
60-69	4.3%	2.7%	6.8%	454
70-79	4.2%	1.8%	9.4%	306
80+	3.0%	0.9%	9.1%	131

NNHS.Q78: Do you have trouble seeing, even when wearing glasses or contact lenses?

	Total	Male	Female
Yes	27.1% (23.5%, 31.0%)	28.1% (22.1%, 35.1%)	26.4% (21.9%, 31.5%)
No	71.8% (67.8%, 75.6%)	70.7% (63.6%, 76.9%)	72.7% (67.7%, 77.3%)
Blind	1.1% (0.5%, 2.2%)	1.2% (0.5%, 2.7%)	0.9% (0.3%, 2.4%)
N	2,287	797	1,490

Module: Chronic Health Conditions

Do you have trouble seeing, even when wearing glasses or contact lenses, by Age Group, Response of “Yes”

	Point	Lower	Upper	N
<30	13.0%	7.6%	21.5%	314
30-39	14.4%	7.7%	25.4%	263
40-49	33.7%	24.0%	44.9%	328
50-59	35.1%	28.7%	42.0%	496
60-69	44.7%	34.7%	55.2%	449
70-79	43.7%	32.3%	55.9%	307
80+	34.1%	21.4%	49.5%	130

NNHS.Q79: Ever told you have diabetes?

	Total	Male	Female
Yes	18.7% (15.9%, 21.8%)	18.5% (13.8%, 24.4%)	19.4% (16.1%, 23.1%)
Yes, during pregnancy	1.7% (1.0%, 3.0%)	NA	2.2% (1.2%, 4.0%)
No	75.7% (72.2%, 79.0%)	76.7% (70.3%, 82.0%)	74.9% (71.1%, 78.3%)
Borderline or pre-diabetes	3.9% (2.4%, 6.4%)	4.8% (2.1%, 10.5%)	3.5% (2.1%, 5.9%)
N	2,291	801	1,487

Data Source: Report of the Navajo Behavioral Risk Factor Surveillance Survey, 2013, 2015, 2016.

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Ever told you have diabetes, by Age Group, Response of “Yes”

	Point	Lower	Upper	N
<30	8.7%	3.5%	19.8%	316
30-39	14.2%	7.4%	25.7%	262
40-49	14.1%	9.4%	20.6%	327
50-59	24.8%	18.5%	32.4%	496
60-69	35.6%	27.7%	44.3%	454
70-79	36.8%	26.5%	48.3%	306
80+	24.4%	12.5%	42.4%	130

NNHS.Q80: Have you had a test for high blood sugar or diabetes within the past three years?

	Percent	Lower Estimate	Upper Estimate	N
Yes	62.2%	57.3%	66.8%	1,668
Male	60.5%	54.9%	65.9%	612
Female	66.0%	58.8%	72.6%	1,056

Module: Chronic Health Conditions

Have you had a test for high blood sugar or diabetes within the past three years, by Age Group

	Point	Lower	Upper	N
<30	49.9%	38.4%	61.5%	296
30-39	60.9%	48.3%	72.2%	225
40-49	74.6%	66.8%	81.1%	263
50-59	59.6%	50.1%	68.4%	347
60-69	69.7%	55.6%	80.9%	271
70-79	73.0%	59.7%	83.1%	171
80+	73.5%	55.8%	85.9%	95

NNHS.Q81: Have you ever been told by a doctor or other health professional that you have pre-diabetes or borderline diabetes?

	Total	Male	Female
Yes	11.3% (8.1%, 15.7%)	12.5% (7.1%, 20.9%)	11.8% (8.1%, 16.9%)
Yes, during pregnancy	2.8% (1.7%, 4.8%)	NA	3.8% (2.1%, 6.6%)
No	85.8% (81.6%, 89.2%)	87.5% (79.1%, 92.9%)	84.4% (79.1%, 88.5%)
N	1,565	553	1,006

Module: Chronic Health Conditions

Have you ever been told by a doctor or other health professional that you have pre-diabetes or borderline diabetes, by Age Group

	Point	Lower	Upper	N
<30	5.2%	2.3%	11.4%	272
30-39	17.8%	9.1%	32.0%	209
40-49	12.3%	7.1%	20.4%	237
50-59	12.3%	7.3%	20.0%	326
60-69	16.8%	8.3%	31.1%	259
70-79	11.2%	4.8%	23.6%	168
80+	4.7%	1.8%	11.7%	94

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Chronic Health Conditions by Agency

Condition	Chinle	Eastern	Ft. Defiance	Northern	Western
Heart Attack	5.2%	4.0%	5.9%	3.3%	4.5%
Coronary Heart Disease	3.5%	1.5%	2.7%	3.7%	1.1%
Stroke	2.7%	2.6%	2.3%	1.1%	1.5%
High Blood Pressure	25.5%	29.3%	30.5%	25.4%	34.9%
Asthma (ever)	13.1%	14.4%	11.5%	10.8%	10.6%
Asthma (current)	9.7%	5.5%	9.3%	9.8%	8.3%
Skin Cancer	1.1%	0.3%	1.3%	0.3%	0.4%
Other Cancer	5.1%	2.2%	2.4%	1.7%	4.2%
COPD	4.8%	5.6%	1.8%	2.9%	2.5%
Arthritis	18.3%	19.0%	15.5%	19.7%	27.9%
Depression	13.9%	14.3%	14.2%	18.5%	20.1%
Kidney Disease	2.0%	2.7%	3.6%	1.9%	2.3%
Trouble Seeing	31.6%	25.1%	31.5%	22.3%	25.7%
Diabetes	15.6%	15.0%	17.1%	19.4%	25.6%
Pre-diabetes	5.9%	8.1%	12.8%	17.3%	15.8%

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