

# NORTH DAKOTA

## 2023 ADULT LandLine Cellphone Module Variables Report

### Behavioral Risk Factor Surveillance System

May 23, 2024

BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023

MODULE 01: PRE-DIABETES CONTENTS

\* NOTE \* \* \* \* \*

WHEN THE DENOMINATOR IS NOT BASED ON THE TOTAL POPULATION SURVEYED, THE TITLE CONTAINS A DESCRIPTION OF WHAT POPULATION IS EXCLUDED FROM THE DENOMINATOR. IF THE TITLE DOES NOT DESCRIBE THE DENOMINATOR, THE TABLE IS BASED ON ALL RESPONDENTS TO THE STATES SURVEY.

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 01: PRE-DIABETES**

**TABLE 1: WHEN WAS THE LAST TIME YOU HAD A BLOOD TEST FOR HIGH BLOOD SUGAR OR DIABETES BY A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL? (PDIABTS1)**

Denominator excludes: Respondents with do not know/refused/missing responses  
Denominator excludes: Respondents that reported YES to having been told they have diabetes

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Within past yr (LT 12 months ago)			Within past 2 yrs (1 yr but LT 2 yrs)			Within past 3 yrs (2 yrs but LT 3 yrs)			Within past 5 yrs (3 yrs but LT 5 yrs)			Within past 10 yrs (5 yrs but LT 10 yrs)			10+ yrs ago or Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4549	482,359	3117	59.6	57.6-61.6	474	11.8	10.6-13.0	168	4.9	04.1-05.7	134	3.8	03.0-04.6	92	2.6	02.0-03.2	564	17.2	15.6-18.8
Male	2199	244,636	1423	55.5	52.8-58.2	229	11.7	09.9-13.5	93	5.2	04.0-06.4	76	4.2	03.2-05.2	49	2.9	01.9-03.9	329	20.5	18.1-22.9
Female	2350	237,723	1694	63.9	61.2-66.6	245	11.9	10.1-13.7	75	4.5	03.3-05.7	58	3.5	02.3-04.7	43	2.3	01.5-03.1	235	13.9	11.9-15.9
Native	101	16,813	69	59.1	46.6-71.6	10	10.7	03.4-18.0	6	7.7	01.2-14.2	2	3.0	00.0-07.1	2	2.5	00.0-06.2	12	17.0	06.4-27.6
Non-Native	4382	458,667	3003	59.5	57.5-61.5	458	11.9	10.5-13.3	159	4.8	04.0-05.6	129	3.9	03.1-04.7	90	2.7	02.1-03.3	543	17.3	15.7-18.9
18-24	227	62,985	67	30.8	24.1-37.5	38	15.9	10.8-21.0	14	5.6	02.7-08.5	15	6.7	03.0-10.4	6	3.3	00.6-06.0	87	37.6	30.5-44.7
25-34	477	89,362	197	42.3	37.2-47.4	63	14.4	10.7-18.1	39	8.4	05.7-11.1	21	4.4	02.4-06.4	20	4.0	02.0-06.0	137	26.5	22.0-31.0
35-44	636	87,730	333	51.9	47.4-56.4	73	12.1	09.2-15.0	48	7.8	05.4-10.2	37	5.1	03.3-06.9	32	4.8	03.0-06.6	113	18.3	14.8-21.8
45-54	676	65,795	441	63.2	59.1-67.3	70	10.7	08.0-13.4	23	3.9	02.1-05.7	22	3.3	01.7-04.9	21	3.1	01.5-04.7	99	15.9	12.6-19.2
55-64	778	71,012	584	76.6	73.3-79.9	93	11.5	09.0-14.0	25	2.9	01.7-04.1	20	3.0	01.4-04.6	7	0.6	00.2-01.0	49	5.4	03.6-07.2
65+	1755	105,474	1495	84.2	82.0-86.4	137	8.0	06.4-09.6	19	1.0	00.6-01.4	19	1.4	00.6-02.2	6	0.2	00.0-00.4	79	5.1	03.7-06.5
Less Than H.S.	125	30,786	79	53.7	42.7-64.7	13	12.2	04.6-19.8	3	2.5	00.0-05.6	4	3.9	00.0-08.4	2	2.0	00.0-04.7	24	25.7	15.3-36.1
H.S. or G.E.D.	1096	125,791	711	54.8	51.1-58.5	121	13.3	10.8-15.8	48	6.2	04.2-08.2	35	4.2	02.4-06.0	22	3.0	01.6-04.4	159	18.6	15.5-21.7
Some Post-H.S.	1404	182,779	964	59.9	56.8-63.0	154	12.1	09.9-14.3	48	4.4	03.0-05.8	42	3.9	02.5-05.3	24	2.4	01.2-03.6	172	17.4	14.7-20.1
College Graduate	1912	141,490	1354	64.6	62.1-67.1	185	10.2	08.6-11.8	69	4.9	03.5-06.3	53	3.5	02.5-04.5	44	2.7	01.9-03.5	207	14.1	12.1-16.1
Less than \$15,000	110	14,666	78	68.1	55.8-80.4	8	10.3	02.1-18.5	2	1.5	00.0-03.9	3	2.1	00.0-04.6	1	0.8	00.0-02.4	18	17.2	07.2-27.2
\$15,000- 24,999	221	26,159	153	54.7	45.9-63.5	14	8.6	03.5-13.7	5	3.4	00.1-06.7	7	5.9	00.8-11.0	7	4.0	00.7-07.3	35	23.4	15.4-31.4
\$25,000- 34,999	336	37,340	236	57.4	50.0-64.8	35	12.5	07.4-17.6	9	4.7	01.4-08.0	10	4.1	01.2-07.0	3	1.6	00.0-03.8	43	19.7	13.4-26.0
\$35,000- 49,999	470	45,578	330	59.0	53.3-64.7	46	11.7	08.0-15.4	15	3.8	01.6-06.0	7	2.4	00.4-04.4	8	2.2	00.4-04.0	64	20.9	15.8-26.0
\$50,000- 99,999	1272	133,939	843	57.8	54.3-61.3	140	12.5	10.1-14.9	57	5.6	04.0-07.2	45	4.1	02.7-05.5	32	3.3	01.9-04.7	155	16.7	13.8-19.6
\$100,000- 199,999	972	104,297	640	59.7	55.8-63.6	114	12.4	09.7-15.1	45	5.9	03.9-07.9	31	3.7	02.3-05.1	23	2.4	01.4-03.4	119	15.9	12.8-19.0
\$200,000+	256	28,050	174	62.6	54.8-70.4	24	9.6	04.9-14.3	13	5.7	02.4-09.0	9	5.5	00.2-10.8	7	3.9	00.6-07.2	29	12.7	07.6-17.8

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 01: PRE-DIABETES**

**TABLE 2: WHEN WAS THE LAST TIME YOU HAD A BLOOD TEST FOR HIGH BLOOD SUGAR OR DIABETES BY A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL? (PDIABTS1)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported YES to having been told they have diabetes

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Within past yr (LT 12 months ago)			Within past 2 yrs (1 yr but LT 2 yrs)			Within past 3 yrs (2 yrs but LT 3 yrs)			Within past 5 yrs (3 yrs but LT 5 yrs)			Within past 10 yrs (5 yrs but LT 10 yrs)			10+ yrs ago or Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2199	244,636	1423	55.5	52.8-58.2	229	11.7	09.9-13.5	93	5.2	04.0-06.4	76	4.2	03.2-05.2	49	2.9	01.9-03.9	329	20.5	18.1-22.9
Non-Native	2119	233,327	1377	55.6	52.9-58.3	218	11.6	09.8-13.4	88	5.1	03.9-06.3	73	4.2	03.0-05.4	49	3.1	02.1-04.1	314	20.4	18.0-22.8
18-24	133	33,774	34	26.0	17.8-34.2	25	16.8	10.3-23.3	7	4.8	01.3-08.3	10	6.1	02.4-09.8	5	5.3	00.6-10.0	52	41.0	31.4-50.6
25-34	254	45,874	86	33.1	26.6-39.6	35	15.0	09.9-20.1	18	7.6	04.1-11.1	11	4.4	01.5-07.3	13	4.8	01.9-07.7	91	35.1	28.4-41.8
35-44	351	46,112	180	49.6	43.7-55.5	37	10.6	07.1-14.1	31	9.5	06.0-13.0	23	6.0	03.5-08.5	15	4.3	01.9-06.7	65	19.9	15.0-24.8
45-54	347	33,899	218	60.6	54.7-66.5	36	10.9	07.2-14.6	12	3.6	01.4-05.8	11	3.3	01.1-05.5	10	2.9	00.7-05.1	60	18.6	13.7-23.5
55-64	362	36,641	266	75.0	69.9-80.1	46	12.2	08.5-15.9	15	3.9	01.7-06.1	11	3.7	01.2-06.2	1	0.2	00.0-00.6	23	5.0	02.6-07.4
65+	752	48,335	639	84.5	81.4-87.6	50	6.4	04.4-08.4	10	1.0	00.2-01.8	10	1.9	00.5-03.3	5	0.4	00.0-00.8	38	5.8	03.6-08.0
Less Than H.S.	67	17,032	39	48.1	33.6-62.6	8	11.5	02.3-20.7	3	4.6	00.0-10.3	2	3.4	00.0-08.7	1	1.4	00.0-04.1	14	31.0	15.7-46.3
H.S. or G.E.D.	592	70,882	352	50.8	45.9-55.7	72	14.9	11.4-18.4	32	6.9	04.4-09.4	19	3.8	02.0-05.6	13	3.4	01.2-05.6	104	20.2	16.3-24.1
Some Post-H.S.	672	93,463	417	53.5	49.0-58.0	72	11.1	08.4-13.8	30	4.7	02.9-06.5	25	4.5	02.5-06.5	15	3.0	01.2-04.8	113	23.2	19.1-27.3
College Graduate	861	62,101	610	65.1	61.4-68.8	77	9.2	07.0-11.4	28	4.2	02.4-06.0	30	4.5	02.7-06.3	20	2.7	01.3-04.1	96	14.2	11.5-16.9
\$15,000- 24,999	81	9,872	53	52.7	38.2-67.2	4	5.0	00.0-10.5	2	2.5	00.0-06.0	1	0.9	00.0-02.7	2	1.6	00.0-04.3	19	37.3	22.2-52.4
\$25,000- 34,999	145	17,981	96	57.5	46.7-68.3	15	10.8	03.7-17.9	5	6.2	00.3-12.1	3	3.3	00.0-07.0	1	0.6	00.0-01.8	25	21.6	12.6-30.6
\$35,000- 49,999	219	22,527	141	54.0	46.0-62.0	23	12.5	06.8-18.2	6	2.3	00.1-04.5	5	4.2	00.5-07.9	3	1.2	00.0-03.0	41	25.8	18.4-33.2
\$50,000- 99,999	642	70,438	403	52.2	47.3-57.1	64	11.5	08.4-14.6	35	6.4	04.0-08.8	28	4.8	02.8-06.8	20	4.5	02.1-06.9	92	20.5	16.0-25.0
\$100,000- 199,999	543	59,436	349	58.2	53.1-63.3	63	12.1	08.8-15.4	25	5.6	03.2-08.0	23	5.0	02.8-07.2	10	1.6	00.6-02.6	73	17.5	13.2-21.8
\$200,000+	159	17,415	104	59.7	50.1-69.3	17	11.1	04.6-17.6	9	7.1	02.2-12.0	5	3.1	00.0-06.2	7	6.2	00.9-11.5	17	12.9	06.4-19.4

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 01: PRE-DIABETES**

**TABLE 3: WHEN WAS THE LAST TIME YOU HAD A BLOOD TEST FOR HIGH BLOOD SUGAR OR DIABETES BY A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL? (PDIABTS1)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported YES to having been told they have diabetes

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Within past yr (LT 12 months ago)			Within past 2 yrs (1 yr but LT 2 yrs)			Within past 3 yrs (2 yrs but LT 3 yrs)			Within past 5 yrs (3 yrs but LT 5 yrs)			Within past 10 yrs (5 yrs but LT 10 yrs)			10+ yrs ago or Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2350	237,723	1694	63.9	61.2-66.6	245	11.9	10.1-13.7	75	4.5	03.3-05.7	58	3.5	02.3-04.7	43	2.3	01.5-03.1	235	13.9	11.9-15.9
Native	56	8,836	40	62.0	44.9-79.1	4	8.6	00.0-18.8	4	8.8	00.0-17.6	1	2.6	00.0-07.5	2	4.7	00.0-12.0	5	13.3	00.6-26.0
Non-Native	2263	225,340	1626	63.5	60.8-66.2	240	12.3	10.3-14.3	71	4.4	03.2-05.6	56	3.5	02.3-04.7	41	2.2	01.4-03.0	229	14.1	12.1-16.1
18-24	94	29,211	33	36.5	25.7-47.3	13	14.8	06.8-22.8	7	6.5	01.6-11.4	5	7.4	00.7-14.1	1	1.1	00.0-03.3	35	33.7	23.7-43.7
25-34	223	43,488	111	52.0	44.6-59.4	28	13.7	08.2-19.2	21	9.3	05.0-13.6	10	4.3	01.6-07.0	7	3.2	00.7-05.7	46	17.5	12.4-22.6
35-44	285	41,618	153	54.5	47.8-61.2	36	13.8	09.1-18.5	17	5.8	02.9-08.7	14	4.2	01.7-06.7	17	5.3	02.6-08.0	48	16.4	11.3-21.5
45-54	329	31,895	223	65.9	59.8-72.0	34	10.4	06.5-14.3	11	4.1	01.4-06.8	11	3.4	01.2-05.6	11	3.3	01.3-05.3	39	13.0	08.5-17.5
55-64	416	34,371	318	78.4	74.1-82.7	47	10.7	07.6-13.8	10	1.8	00.6-03.0	9	2.3	00.7-03.9	6	1.0	00.0-02.0	26	5.8	03.3-08.3
65+	1003	57,139	856	84.1	81.4-86.8	87	9.4	07.0-11.8	9	0.9	00.3-01.5	9	1.0	00.2-01.8	1	0.1	00.0-00.3	41	4.5	02.9-06.1
Less Than H.S.	58	13,754	40	60.6	44.3-76.9	5	13.0	00.5-25.5				2	4.6	00.0-12.2	1	2.7	00.0-07.8	10	19.1	06.9-31.3
H.S. or G.E.D.	504	54,909	359	59.9	54.0-65.8	49	11.2	07.3-15.1	16	5.2	02.3-08.1	16	4.8	01.7-07.9	9	2.4	00.8-04.0	55	16.6	11.7-21.5
Some Post-H.S.	732	89,315	547	66.6	62.1-71.1	82	13.1	09.8-16.4	18	4.1	01.9-06.3	17	3.2	01.4-05.0	9	1.8	00.6-03.0	59	11.2	08.1-14.3
College Graduate	1051	79,390	744	64.2	60.7-67.7	108	11.0	08.6-13.4	41	5.4	03.6-07.2	23	2.6	01.4-03.8	24	2.7	01.5-03.9	111	14.1	11.4-16.8
Less than \$15,000	61	8,762	47	77.0	62.9-91.1	3	8.7	00.0-19.7				2	1.8	00.0-04.3	1	1.3	00.0-03.8	8	11.3	02.5-20.1
\$15,000- 24,999	140	16,287	100	56.0	45.0-67.0	10	10.9	03.5-18.3	3	3.9	00.0-09.0	6	8.9	01.1-16.7	5	5.4	00.3-10.5	16	15.0	07.2-22.8
\$25,000- 34,999	191	19,359	140	57.3	47.1-67.5	20	14.1	06.8-21.4	4	3.3	00.0-07.0	7	4.8	00.5-09.1	2	2.5	00.0-06.2	18	17.9	09.1-26.7
\$35,000- 49,999	251	23,052	189	64.0	56.0-72.0	23	10.9	05.8-16.0	9	5.3	01.6-09.0	2	0.6	00.0-01.4	5	3.2	00.3-06.1	23	16.1	09.2-23.0
\$50,000- 99,999	630	63,501	440	64.1	59.2-69.0	76	13.6	09.9-17.3	22	4.6	02.4-06.8	17	3.4	01.4-05.4	12	1.9	00.7-03.1	63	12.5	09.0-16.0
\$100,000- 199,999	429	44,862	291	61.7	55.8-67.6	51	12.9	08.4-17.4	20	6.4	03.5-09.3	8	2.0	00.4-03.6	13	3.4	01.4-05.4	46	13.7	09.4-18.0
\$200,000+	97	10,635	70	67.3	53.6-81.0	7	7.2	01.1-13.3	4	3.5	00.0-07.2	4	9.5	00.0-22.2				12	12.5	04.1-20.9

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

Rows with less than 50 observations have been suppressed.

Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 01: PRE-DIABETES**

**TABLE 4: HAS A DOCTOR OR OTHER HEALTH PROFESSIONAL EVER TOLD YOU THAT YOU HAD PREDIABETES OR BORDERLINE DIABETES? (PREDIAB2)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			Yes, during pregnancy			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4870	525,849	585	10.3	09.3-11.3	30	0.8	00.4-01.2	4255	89.0	88.0-90.0
Male	2360	268,011	266	9.3	07.9-10.7				2094	90.7	89.3-92.1
Female	2510	257,838	319	11.3	09.7-12.9	30	1.6	00.8-02.4	2161	87.1	85.3-88.9
Native	106	17,875	17	11.7	04.6-18.8	1	0.7	00.0-02.1	88	87.6	80.3-94.9
Non-Native	4688	500,094	559	10.2	09.2-11.2	29	0.8	00.4-01.2	4100	89.0	87.8-90.2
18-24	277	76,545	6	2.5	00.3-04.7	1	0.6	00.0-01.8	270	96.9	94.5-99.3
25-34	529	98,546	27	5.7	03.3-08.1	7	1.5	00.1-02.9	495	92.8	90.1-95.5
35-44	699	96,087	52	8.5	06.0-11.0	9	1.6	00.4-02.8	638	89.9	87.2-92.6
45-54	714	69,622	75	10.6	08.1-13.1	3	0.3	00.0-00.7	636	89.0	86.5-91.5
55-64	820	74,948	126	16.4	13.3-19.5	4	0.3	00.0-00.7	690	83.4	80.3-86.5
65+	1831	110,100	299	16.9	14.7-19.1	6	0.2	00.0-00.4	1526	82.8	80.6-85.0
Less Than H.S.	140	36,017	17	13.1	06.4-19.8	1	1.8	00.0-05.3	122	85.1	77.7-92.5
H.S. or G.E.D.	1193	138,528	147	10.0	08.0-12.0	8	0.7	00.0-01.5	1038	89.2	87.2-91.2
Some Post-H.S.	1488	197,322	198	10.8	09.0-12.6	7	0.5	00.1-00.9	1283	88.7	86.9-90.5
College Graduate	2033	152,174	220	9.0	07.6-10.4	14	1.0	00.4-01.6	1799	90.0	88.6-91.4
Less than \$15,000	116	15,314	18	16.2	06.4-26.0				98	83.8	74.0-93.6
\$15,000- 24,999	237	28,631	30	11.0	05.5-16.5	2	2.2	00.0-05.5	205	86.8	80.5-93.1
\$25,000- 34,999	359	40,538	45	9.9	06.4-13.4				314	90.1	86.6-93.6
\$35,000- 49,999	497	50,354	81	14.4	10.7-18.1	3	0.6	00.0-01.4	413	84.9	81.2-88.6
\$50,000- 99,999	1353	145,153	166	10.3	08.5-12.1	11	0.9	00.3-01.5	1176	88.9	86.9-90.9
\$100,000- 199,999	1033	112,107	102	8.0	06.2-09.8	5	0.5	00.1-00.9	926	91.5	89.7-93.3
\$200,000+	267	29,763	15	6.2	02.7-09.7	1	0.4	00.0-01.2	251	93.4	89.9-96.9

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 01: PRE-DIABETES**

**TABLE 5: HAS A DOCTOR OR OTHER HEALTH PROFESSIONAL EVER TOLD YOU THAT YOU HAD PREDIABETES OR BORDERLINE DIABETES? (PREDIAB2)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2360	268,011	266	9.3	07.9-10.7	2094	90.7	89.3-92.1
Non-Native	2274	256,060	254	9.3	07.9-10.7	2020	90.7	89.3-92.1
18-24	165	42,100	2	1.0	00.0-02.4	163	99.0	97.6-0100
25-34	285	51,573	11	4.1	01.4-06.8	274	95.9	93.2-98.6
35-44	387	50,239	28	7.3	04.6-10.0	359	92.7	90.0-95.4
45-54	368	35,969	35	9.7	06.4-13.0	333	90.3	87.0-93.6
55-64	379	38,096	54	16.0	11.5-20.5	325	84.0	79.5-88.5
65+	776	50,034	136	18.2	15.1-21.3	640	81.8	78.7-84.9
Less Than H.S.	77	20,290	7	7.4	01.3-13.5	70	92.6	86.5-98.7
H.S. or G.E.D.	644	78,078	72	8.9	06.5-11.3	572	91.1	88.7-93.5
Some Post-H.S.	713	101,399	91	10.1	07.7-12.5	622	89.9	87.5-92.3
College Graduate	918	66,952	95	9.2	07.2-11.2	823	90.8	88.8-92.8
Less than \$15,000	54	6,393	4	5.2	00.0-12.1	50	94.8	87.9-0100
\$15,000- 24,999	87	11,076	12	9.8	02.7-16.9	75	90.2	83.1-97.3
\$25,000- 34,999	157	19,992	17	8.3	03.0-13.6	140	91.7	86.4-97.0
\$35,000- 49,999	231	24,876	34	12.8	08.1-17.5	197	87.2	82.5-91.9
\$50,000- 99,999	688	77,834	83	9.8	07.4-12.2	605	90.2	87.8-92.6
\$100,000- 199,999	574	63,725	54	8.2	05.7-10.7	520	91.8	89.3-94.3
\$200,000+	164	17,924	10	7.2	02.3-12.1	154	92.8	87.9-97.7

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 01: PRE-DIABETES**

**TABLE 6: HAS A DOCTOR OR OTHER HEALTH PROFESSIONAL EVER TOLD YOU THAT YOU HAD PREDIABETES OR BORDERLINE DIABETES? (PREDIAB2)**  
Denominator excludes: Respondents who are male or respondents who do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			Yes, during pregnancy			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2510	257,838	319	11.3	09.7-12.9	30	1.6	00.8-02.4	2161	87.1	85.3-88.9
Native	61	10,001	10	14.7	03.3-26.1	1	1.2	00.0-03.6	50	84.1	72.5-95.7
Non-Native	2414	244,035	305	11.1	09.5-12.7	29	1.7	00.9-02.5	2080	87.2	85.4-89.0
18-24	112	34,445	4	4.2	00.0-08.5	1	1.3	00.0-03.8	107	94.5	89.6-99.4
25-34	244	46,974	16	7.4	03.5-11.3	7	3.1	00.2-06.0	221	89.4	84.7-94.1
35-44	312	45,848	24	9.8	05.7-13.9	9	3.3	00.9-05.7	279	86.9	82.2-91.6
45-54	346	33,653	40	11.5	07.8-15.2	3	0.7	00.0-01.7	303	87.7	83.8-91.6
55-64	441	36,852	72	16.8	12.3-21.3	4	0.6	00.0-01.2	365	82.6	78.1-87.1
65+	1055	60,066	163	15.9	13.2-18.6	6	0.5	00.1-00.9	886	83.7	81.0-86.4
Less Than H.S.	63	15,726	10	20.5	07.8-33.2	1	4.1	00.0-11.9	52	75.4	61.3-89.5
H.S. or G.E.D.	549	60,449	75	11.5	08.4-14.6	8	1.7	00.1-03.3	466	86.8	83.3-90.3
Some Post-H.S.	775	95,924	107	11.6	09.1-14.1	7	1.0	00.0-02.0	661	87.4	84.7-90.1
College Graduate	1115	85,221	125	8.9	07.1-10.7	14	1.8	00.8-02.8	976	89.3	87.3-91.3
Less than \$15,000	62	8,921	14	24.1	08.4-39.8				48	75.9	60.2-91.6
\$15,000- 24,999	150	17,555	18	11.7	04.1-19.3	2	3.6	00.0-08.9	130	84.7	75.7-93.7
\$25,000- 34,999	202	20,546	28	11.5	06.6-16.4				174	88.5	83.6-93.4
\$35,000- 49,999	266	25,479	47	16.1	10.4-21.8	3	1.2	00.0-02.8	216	82.7	77.0-88.4
\$50,000- 99,999	665	67,319	83	10.8	08.1-13.5	11	1.9	00.5-03.3	571	87.3	84.2-90.4
\$100,000- 199,999	459	48,381	48	7.7	05.2-10.2	5	1.1	00.1-02.1	406	91.2	88.5-93.9
\$200,000+	103	11,839	5	4.6	00.1-09.1	1	1.0	00.0-03.0	97	94.4	89.5-99.3

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023**

**MODULE 2: DIABETES CONTENTS**

\* NOTE \* \* \* \* \*

**WHEN THE DENOMINATOR IS NOT BASED ON THE TOTAL POPULATION SURVEYED, THE TITLE CONTAINS A DESCRIPTION OF WHAT POPULATION IS EXCLUDED FROM THE DENOMINATOR. IF THE TITLE DOES NOT DESCRIBE THE DENOMINATOR, THE TABLE IS BASED ON ALL RESPONDENTS TO THE STATES SURVEY.**

\* \* \* \* \*

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BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023

MODULE 2: DIABETES CONTENTS

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\* \* \* \* \*

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 1: ACCORDING TO YOUR DOCTOR OR OTHER HEALTH PROFESSIONAL, WHAT TYPE OF DIABETES DO YOU HAVE? (DIABTYPE)  
Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Type 1			Type 2		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	656	53,295	71	14.3	10.6-18.0	585	85.7	82.0-89.4
Male	327	27,690	38	15.7	10.4-21.0	289	84.3	79.0-89.6
Female	329	25,605	33	12.9	07.8-18.0	296	87.1	82.0-92.2
Non-Native	608	48,412	66	14.3	10.4-18.2	542	85.7	81.8-89.6
45-54	83	9,713	11	13.8	05.2-22.4	72	86.2	77.6-94.8
55-64	119	11,084	13	11.3	04.8-17.8	106	88.7	82.2-95.2
65+	409	24,798	30	8.0	04.7-11.3	379	92.0	88.7-95.3
H.S. or G.E.D.	192	13,588	17	10.5	03.8-17.2	175	89.5	82.8-96.2
Some Post-H.S.	227	24,179	35	20.1	13.4-26.8	192	79.9	73.2-86.6
College Graduate	217	12,101	17	9.4	04.7-14.1	200	90.6	85.9-95.3
\$15,000- 24,999	52	4,793	4	7.6	00.0-15.8	48	92.4	84.2-0100
\$25,000- 34,999	74	5,806	8	11.3	02.3-20.3	66	88.7	79.7-97.7
\$35,000- 49,999	108	8,369	13	13.9	05.9-21.9	95	86.1	78.1-94.1
\$50,000- 99,999	155	13,244	18	17.6	08.6-26.6	137	82.4	73.4-91.4
\$100,000- 199,999	82	7,437	13	20.8	09.4-32.2	69	79.2	67.8-90.6

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 2: ACCORDING TO YOUR DOCTOR OR OTHER HEALTH PROFESSIONAL, WHAT TYPE OF DIABETES DO YOU HAVE? (DIABTYPE)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Type 1			Type 2		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	327	27,690	38	15.7	10.4-21.0	289	84.3	79.0-89.6
Non-Native	304	25,063	33	14.4	09.1-19.7	271	85.6	80.3-90.9
55-64	59	5,321	10	20.0	08.0-32.0	49	80.0	68.0-92.0
65+	202	13,011	13	6.9	02.6-11.2	189	93.1	88.8-97.4
H.S. or G.E.D.	88	6,638	10	9.8	02.4-17.2	78	90.2	82.8-97.6
Some Post-H.S.	116	12,603	20	23.9	14.1-33.7	96	76.1	66.3-85.9
College Graduate	110	6,408	7	8.0	02.1-13.9	103	92.0	86.1-97.9
\$35,000- 49,999	53	4,087	7	18.4	04.7-32.1	46	81.6	67.9-95.3
\$50,000- 99,999	89	7,788	10	17.4	05.8-29.0	79	82.6	71.0-94.2
\$100,000- 199,999	54	4,729	9	20.9	07.8-34.0	45	79.1	66.0-92.2

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 3: ACCORDING TO YOUR DOCTOR OR OTHER HEALTH PROFESSIONAL, WHAT TYPE OF DIABETES DO YOU HAVE? (DIABTYPE)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Type 1			Type 2		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	329	25,605	33	12.9	07.8-18.0	296	87.1	82.0-92.2
Non-Native	304	23,349	33	14.1	08.4-19.8	271	85.9	80.2-91.6
55-64	60	5,764	3	3.3	00.0-07.0	57	96.7	93.0-100.0
65+	207	11,787	17	9.2	04.3-14.1	190	90.8	85.9-95.7
H.S. or G.E.D.	104	6,950	7	11.3	00.5-22.1	97	88.7	77.9-99.5
Some Post-H.S.	111	11,576	15	16.0	07.4-24.6	96	84.0	75.4-92.6
College Graduate	107	5,693	10	11.0	03.7-18.3	97	89.0	81.7-96.3
\$35,000- 49,999	55	4,283	6	9.6	01.2-18.0	49	90.4	82.0-98.8
\$50,000- 99,999	66	5,456	8	18.0	03.9-32.1	58	82.0	67.9-96.1

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 4: ARE YOU NOW TAKING INSULIN? (INSULIN1)**

Denominator excludes: Respondents with do not know/refused/missing responses  
Denominator excludes: Respondents that reported not being diagnosed with diabetes  
Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	715	56,757	236	35.0	30.5-39.5	479	65.0	60.5-69.5
Male	366	30,219	114	32.4	26.5-38.3	252	67.6	61.7-73.5
Female	349	26,538	122	37.9	31.2-44.6	227	62.1	55.4-68.8
Non-Native	662	51,414	218	35.1	30.4-39.8	444	64.9	60.2-69.6
45-54	87	9,956	27	36.7	24.5-48.9	60	63.3	51.1-75.5
55-64	131	12,383	36	26.4	18.0-34.8	95	73.6	65.2-82.0
65+	450	26,471	152	35.0	29.7-40.3	298	65.0	59.7-70.3
H.S. or G.E.D.	215	15,164	59	26.9	19.6-34.2	156	73.1	65.8-80.4
Some Post-H.S.	242	25,191	98	42.2	34.8-49.6	144	57.8	50.4-65.2
College Graduate	234	12,603	71	32.9	25.6-40.2	163	67.1	59.8-74.4
\$15,000- 24,999	57	4,960	25	40.7	23.6-57.8	32	59.3	42.2-76.4
\$25,000- 34,999	85	6,502	31	31.1	19.3-42.9	54	68.9	57.1-80.7
\$35,000- 49,999	118	8,988	33	30.1	19.9-40.3	85	69.9	59.7-80.1
\$50,000- 99,999	161	13,846	53	37.9	27.9-47.9	108	62.1	52.1-72.1
\$100,000- 199,999	88	7,777	26	29.8	18.2-41.4	62	70.2	58.6-81.8

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 5: ARE YOU NOW TAKING INSULIN? (INSULIN1)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	366	30,219	114	32.4	26.5-38.3	252	67.6	61.7-73.5
Non-Native	339	27,199	104	32.4	26.1-38.7	235	67.6	61.3-73.9
55-64	68	6,415	18	25.4	14.2-36.6	50	74.6	63.4-85.8
65+	228	14,161	73	33.0	25.7-40.3	155	67.0	59.7-74.3
H.S. or G.E.D.	104	7,860	26	20.4	12.2-28.6	78	79.6	71.4-87.8
Some Post-H.S.	126	13,257	53	43.2	33.0-53.4	73	56.8	46.6-67.0
College Graduate	119	6,689	30	28.6	18.6-38.6	89	71.4	61.4-81.4
\$35,000- 49,999	58	4,329	13	26.7	12.8-40.6	45	73.3	59.4-87.2
\$50,000- 99,999	93	8,341	27	34.2	21.3-47.1	66	65.8	52.9-78.7
\$100,000- 199,999	60	5,069	19	30.8	17.1-44.5	41	69.2	55.5-82.9

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 6: ARE YOU NOW TAKING INSULIN? (INSULIN1)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	349	26,538	122	37.9	31.0-44.8	227	62.1	55.2-69.0
Non-Native	323	24,214	114	38.2	31.1-45.3	209	61.8	54.7-68.9
55-64	63	5,968	18	27.5	14.8-40.2	45	72.5	59.8-85.2
65+	222	12,310	79	37.2	29.4-45.0	143	62.8	55.0-70.6
H.S. or G.E.D.	111	7,303	33	33.9	22.1-45.7	78	66.1	54.3-77.9
Some Post-H.S.	116	11,935	45	41.2	30.0-52.4	71	58.8	47.6-70.0
College Graduate	115	5,914	41	37.7	27.3-48.1	74	62.3	51.9-72.7
\$35,000- 49,999	60	4,658	20	33.3	18.6-48.0	40	66.7	52.0-81.4
\$50,000- 99,999	68	5,505	26	43.5	28.0-59.0	42	56.5	41.0-72.0

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 7: ABOUT HOW MANY TIMES IN THE PAST 12 MONTHS HAS A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL CHECKED YOU FOR A-ONE-C? (CHKHEMO3)**

Denominator excludes: Respondents with do not know/refused/missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		1-2 per yr			3-4 per yr			5-9 per yr			10 or more per yr			NONE			Never Heard of		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	690	54,869	416	58.0	53.3-62.7	200	30.7	26.2-35.2	18	2.6	00.8-04.4	13	2.5	00.9-04.1	36	5.4	03.2-07.6	7	0.9	00.1-01.7
Male	351	28,848	214	56.9	50.4-63.4	91	29.3	23.2-35.4	12	4.1	01.0-07.2	7	2.1	00.1-04.1	23	6.8	03.7-09.9	4	0.8	00.0-01.8
Female	339	26,021	202	59.3	52.4-66.2	109	32.2	25.7-38.7	6	0.8	00.0-01.6	6	2.9	00.4-05.4	13	3.9	01.2-06.6	3	0.9	00.0-02.1
Non-Native	636	49,538	390	59.4	54.5-64.3	183	30.9	26.2-35.6	16	1.9	00.7-03.1	12	2.6	00.8-04.4	30	4.6	02.4-06.8	5	0.6	00.0-01.2
45-54	83	9,432	52	61.4	49.1-73.7	22	28.4	16.6-40.2	1	0.6	00.0-01.8	2	3.4	00.0-08.1	6	6.2	01.1-11.3			
55-64	130	12,423	81	61.2	51.4-71.0	41	30.2	21.2-39.2	1	1.6	00.0-04.7				5	5.9	00.0-12.0	2	1.1	00.0-02.7
65+	430	25,068	268	63.1	57.6-68.6	115	26.5	21.4-31.6	14	2.8	01.0-04.6	8	1.9	00.5-03.3	21	4.9	02.5-07.3	4	0.9	00.0-02.1
H.S. or G.E.D.	204	14,549	130	61.9	53.3-70.5	51	27.1	19.1-35.1	5	1.6	00.0-03.4	2	1.5	00.0-03.9	12	6.6	01.9-11.3	4	1.3	00.0-02.9
Some Post-H.S.	233	24,409	139	56.6	49.0-64.2	72	33.8	26.4-41.2	6	2.9	00.0-06.0	6	3.1	00.4-05.8	8	3.0	00.6-05.4	2	0.6	00.0-01.4
College Graduate	231	12,397	137	58.5	51.1-65.9	71	29.2	22.5-35.9	5	1.8	00.0-03.6	5	3.2	00.0-06.5	12	6.2	02.3-10.1	1	1.1	00.0-03.3
\$15,000- 24,999	52	4,549	30	50.0	32.2-67.8	17	38.9	20.7-57.1	2	1.1	00.0-02.9				3	9.9	00.0-21.7			
\$25,000- 34,999	83	6,480	57	70.1	57.6-82.6	16	16.2	07.0-25.4	1	3.1	00.0-09.2	3	5.1	00.0-12.0	3	2.0	00.0-04.7	3	3.5	00.0-08.2
\$35,000- 49,999	115	8,591	66	56.5	45.7-67.3	39	35.5	24.9-46.1	2	1.0	00.0-02.4				8	7.0	01.9-12.1			
\$50,000- 99,999	157	13,602	91	54.0	43.8-64.2	48	31.5	21.9-41.1	4	4.4	00.0-09.7	4	3.3	00.0-06.6	10	6.8	01.5-12.1			
\$100,000- 199,999	85	7,517	49	55.2	42.5-67.9	32	39.2	26.9-51.5	2	2.2	00.0-06.3	1	2.3	00.0-06.6	1	1.1	00.0-03.3			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

Rows with less than 50 observations have been suppressed.

Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 8: ABOUT HOW MANY TIMES IN THE PAST 12 MONTHS HAS A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL CHECKED YOU FOR A-ONE-C? (CHKHEMO3)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		1-2 per yr			3-4 per yr			5-9 per yr			10 or more per yr			NONE			Never Heard of		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	351	28,848	214	56.9	50.4-63.4	91	29.3	23.2-35.4	12	4.1	01.0-07.2	7	2.1	00.1-04.1	23	6.8	03.5-10.1	4	0.8	00.0-01.8
Non-Native	324	25,952	205	60.3	53.6-67.0	81	28.5	22.2-34.8	10	2.8	00.4-05.2	7	2.4	00.2-04.6	19	5.8	02.7-08.9	2	0.2	00.0-00.6
55-64	67	6,368	42	60.1	46.6-73.6	20	28.9	16.9-40.9	1	3.2	00.0-09.3				3	6.8	00.0-16.0	1	1.1	00.0-03.3
65+	218	13,362	140	62.6	54.8-70.4	50	25.6	18.3-32.9	9	4.0	00.9-07.1	5	1.9	00.0-03.9	12	5.4	01.9-08.9	2	0.4	00.0-01.0
H.S. or G.E.D.	101	7,711	65	61.9	50.1-73.7	22	22.1	12.1-32.1	3	2.2	00.0-05.1	1	2.2	00.0-06.5	7	9.4	01.2-17.6	3	2.2	00.0-05.1
Some Post-H.S.	119	12,558	70	52.9	42.1-63.7	36	35.3	25.1-45.5	3	4.9	00.0-10.8	4	3.2	00.0-06.7	5	3.2	00.1-06.3	1	0.5	00.0-01.5
College Graduate	116	6,451	73	63.8	53.8-73.8	29	23.7	15.3-32.1	4	2.6	00.0-05.5	2	0.8	00.0-02.0	8	9.1	02.4-15.8			
\$35,000- 49,999	57	4,142	30	47.5	32.6-62.4	22	45.2	30.1-60.3	1	1.2	00.0-03.6				4	6.2	00.0-12.5			
\$50,000- 99,999	89	8,097	51	50.3	36.8-63.8	24	28.0	15.7-40.3	3	6.9	00.0-15.5	2	3.5	00.0-08.4	9	11.3	02.5-20.1			
\$100,000- 199,999	57	4,809	32	52.0	36.5-67.5	21	39.3	24.2-54.4	2	3.5	00.0-09.8	1	3.5	00.0-10.4	1	1.7	00.0-05.0			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 9: ABOUT HOW MANY TIMES IN THE PAST 12 MONTHS HAS A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL CHECKED YOU FOR A-ONE-C? (CHKHEMO3)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		1-2 per yr			3-4 per yr			5-9 per yr			10 or more per yr			NONE			Never Heard of		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	339	26,021	202	59.3	52.4-66.2	109	32.2	25.7-38.7	6	0.8	00.0-01.6	6	2.9	00.4-05.4	13	3.9	01.2-06.6	3	0.9	00.0-02.1
Non-Native	312	23,586	185	58.5	51.2-65.8	102	33.5	26.6-40.4	6	0.9	00.1-01.7	5	2.8	00.1-05.5	11	3.4	00.9-05.9	3	1.0	00.0-02.4
55-64	63	6,055	39	62.3	48.0-76.6	21	31.5	18.0-45.0							2	5.0	00.0-12.8	1	1.2	00.0-03.6
65+	212	11,706	128	63.7	55.9-71.5	65	27.6	20.3-34.9	5	1.4	00.0-02.8	3	1.8	00.0-04.0	9	4.2	00.9-07.5	2	1.4	00.0-03.8
H.S. or G.E.D.	103	6,838	65	61.9	49.4-74.4	29	32.8	20.3-45.3	2	0.9	00.0-02.3	1	0.6	00.0-01.8	5	3.5	00.2-06.8	1	0.4	00.0-01.2
Some Post-H.S.	114	11,851	69	60.4	49.4-71.4	36	32.2	21.6-42.8	3	0.9	00.0-01.9	2	3.1	00.0-07.4	3	2.9	00.0-06.4	1	0.6	00.0-01.8
College Graduate	115	5,946	64	52.8	41.8-63.8	42	35.2	24.8-45.6	1	1.0	00.0-03.0	3	5.7	00.0-12.4	4	3.1	00.0-06.8	1	2.2	00.0-06.5
\$35,000- 49,999	58	4,449	36	65.0	50.1-79.9	17	26.5	12.6-40.4	1	0.7	00.0-02.1				4	7.8	00.0-15.6			
\$50,000- 99,999	68	5,505	40	59.3	44.0-74.6	24	36.6	21.5-51.7	1	0.8	00.0-02.4	2	3.0	00.0-07.1	1	0.2	00.0-00.6			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 10: WHEN WAS THE LAST TIME YOU HAD AN EYE EXAM IN WHICH THE PUPILS WERE DILATED, MAKING YOU TEMPORARILY SENSITIVE TO BRIGHT LIGHT? (EYEEEXAM1)**

Denominator excludes: Respondents with do not know/refused/missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		< 1 Month Ago			1 Month but < 12 Months			1+ Yrs but < 2 Years			2 or more Years			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	704	55,740	143	18.6	15.3-21.9	379	52.3	47.6-57.0	93	14.3	11.0-17.6	74	12.4	09.3-15.5	15	2.5	00.9-04.1
Male	360	29,774	72	19.5	14.6-24.4	193	52.0	45.5-58.5	46	12.8	08.5-17.1	37	12.1	08.0-16.2	12	3.6	00.9-06.3
Female	344	25,966	71	17.6	12.9-22.3	186	52.5	45.6-59.4	47	16.0	10.7-21.3	37	12.7	07.8-17.6	3	1.2	00.0-02.6
Non-Native	650	50,310	130	18.6	15.1-22.1	352	52.5	47.6-57.4	86	14.3	10.8-17.8	68	11.9	08.6-15.2	14	2.7	00.9-04.5
45-54	85	9,777	17	17.2	08.4-26.0	41	54.3	42.0-66.6	13	11.5	04.2-18.8	13	15.0	06.4-23.6	1	2.0	00.0-05.9
55-64	127	11,893	21	17.5	09.9-25.1	69	48.4	38.2-58.6	21	18.8	10.2-27.4	11	10.3	04.2-16.4	5	5.1	00.0-10.4
65+	446	26,230	99	21.7	17.0-26.4	249	54.6	48.9-60.3	49	11.3	07.6-15.0	41	10.7	07.0-14.4	8	1.7	00.3-03.1
H.S. or G.E.D.	211	14,812	42	21.2	14.5-27.9	116	51.0	42.8-59.2	25	11.0	06.3-15.7	22	12.4	06.9-17.9	6	4.5	00.0-09.2
Some Post-H.S.	240	24,803	47	16.3	11.0-21.6	119	51.6	44.0-59.2	37	16.3	10.8-21.8	32	13.6	08.1-19.1	5	2.1	00.1-04.1
College Graduate	230	12,390	48	20.0	13.9-26.1	131	55.1	47.5-62.7	29	13.0	07.9-18.1	18	10.3	05.0-15.6	4	1.6	00.0-03.4
\$15,000- 24,999	54	4,573	10	12.6	02.4-22.8	27	48.0	30.8-65.2	9	18.1	05.8-30.4	7	21.1	04.0-38.2	1	0.3	00.0-00.9
\$25,000- 34,999	85	6,564	12	13.1	03.5-22.7	43	43.5	30.0-57.0	16	26.9	13.0-40.8	13	15.3	06.3-24.3	1	1.2	00.0-03.6
\$35,000- 49,999	117	8,924	23	20.1	11.5-28.7	58	46.9	36.1-57.7	22	16.6	09.0-24.2	10	12.1	04.3-19.9	4	4.3	00.0-08.8
\$50,000- 99,999	160	13,727	29	17.3	10.4-24.2	103	64.3	54.9-73.7	9	4.7	01.2-08.2	14	9.1	03.4-14.8	5	4.5	00.0-09.6
\$100,000- 199,999	86	7,618	18	19.7	09.9-29.5	49	53.5	40.8-66.2	13	18.3	08.1-28.5	6	8.5	01.1-15.9			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

Rows with less than 50 observations have been suppressed.

Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 11: WHEN WAS THE LAST TIME YOU HAD AN EYE EXAM IN WHICH THE PUPILS WERE DILATED, MAKING YOU TEMPORARILY SENSITIVE TO BRIGHT LIGHT? (EYEEEXAM1)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		< 1 Month Ago			1 Month but < 12 Months			1+ Yrs but < 2 Years			2 or more Years			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	360	29,774	72	19.5	14.6-24.4	193	52.0	45.5-58.5	46	12.8	08.5-17.1	37	12.1	08.0-16.2	12	3.6	00.9-06.3
Non-Native	332	26,691	66	19.3	14.2-24.4	179	52.6	45.9-59.3	43	13.1	08.6-17.6	33	11.0	06.9-15.1	11	3.9	01.0-06.8
55-64	67	6,314	9	14.7	04.9-24.5	37	50.3	36.8-63.8	9	12.6	03.8-21.4	7	12.9	03.3-22.5	5	9.5	00.0-19.3
65+	225	14,008	50	23.4	16.7-30.1	124	52.5	44.5-60.5	28	13.6	07.5-19.7	17	8.5	04.0-13.0	6	2.0	00.0-04.0
H.S. or G.E.D.	101	7,609	15	13.4	06.1-20.7	50	47.5	35.9-59.1	17	15.1	07.3-22.9	13	15.3	06.7-23.9	6	8.7	00.0-17.5
Some Post-H.S.	126	13,205	27	20.2	12.2-28.2	61	50.6	40.2-61.0	18	14.4	07.3-21.5	17	12.5	05.8-19.2	3	2.3	00.0-05.0
College Graduate	117	6,612	25	22.0	13.2-30.8	73	60.5	49.9-71.1	10	6.7	02.4-11.0	6	9.3	01.5-17.1	3	1.6	00.0-03.4
\$35,000- 49,999	57	4,265	11	19.6	08.0-31.2	25	38.3	23.6-53.0	14	24.6	11.3-37.9	5	13.8	01.6-26.0	2	3.7	00.0-09.4
\$50,000- 99,999	94	8,404	17	16.4	08.0-24.8	62	64.5	52.0-77.0	3	2.7	00.0-06.4	7	9.0	01.4-16.6	5	7.4	00.0-15.4
\$100,000- 199,999	58	4,911	12	19.1	07.5-30.7	37	59.3	44.0-74.6	5	11.1	00.9-21.3	4	10.4	00.0-21.0			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 12: WHEN WAS THE LAST TIME YOU HAD AN EYE EXAM IN WHICH THE PUPILS WERE DILATED, MAKING YOU TEMPORARILY SENSITIVE TO BRIGHT LIGHT? (EYEEEXAM1)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		< 1 Month Ago			1 Month but < 12 Months			1+ Yrs but < 2 Years			2 or more Years			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	344	25,966	71	17.6	12.9-22.3	186	52.5	45.6-59.4	47	16.0	10.7-21.3	37	12.7	07.8-17.6	3	1.2	00.0-02.6
Non-Native	318	23,619	64	17.7	12.6-22.8	173	52.4	45.1-59.7	43	15.7	10.2-21.2	35	12.9	07.8-18.0	3	1.3	00.0-02.9
55-64	60	5,579	12	20.6	08.6-32.6	32	46.3	31.0-61.6	12	25.7	10.8-40.6	4	7.4	00.1-14.7			
65+	221	12,221	49	19.7	13.4-26.0	125	56.9	48.9-64.9	21	8.7	04.6-12.8	24	13.2	06.9-19.5	2	1.4	00.0-03.4
H.S. or G.E.D.	110	7,203	27	29.4	18.4-40.4	66	54.7	42.9-66.5	8	6.6	01.7-11.5	9	9.3	02.6-16.0			
Some Post-H.S.	114	11,598	20	12.0	05.7-18.3	58	52.8	41.6-64.0	19	18.4	09.6-27.2	15	14.9	06.1-23.7	2	1.9	00.0-04.6
College Graduate	113	5,778	23	17.7	09.7-25.7	58	49.0	38.0-60.0	19	20.2	11.2-29.2	12	11.6	04.5-18.7	1	1.6	00.0-04.7
\$35,000- 49,999	60	4,658	12	20.6	07.9-33.3	33	54.7	39.4-70.0	8	9.4	02.5-16.3	5	10.5	00.3-20.7	2	4.9	00.0-11.8
\$50,000- 99,999	66	5,323	12	18.6	07.0-30.2	41	64.1	50.0-78.2	6	8.0	01.3-14.7	7	9.2	01.2-17.2			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 13: WHEN WAS THE LAST TIME A DOCTOR, NURSE OR OTHER HEALTH PROFESSIONAL TOOK A PHOTO OF THE BACK OF YOUR EYE WITH A SPECIALIZED CAMERA? (DIABEYE1)**

Denominator excludes: Respondents with do not know/refused/missing responses  
Denominator excludes: Respondents that reported not being diagnosed with diabetes  
Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		< 1 Month Ago			1 Month but < 12 Months			1+ Yrs but < 2 Years			2 or more Years			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	622	49,609	105	15.8	12.3-19.3	324	50.7	45.8-55.6	65	12.1	08.6-15.6	70	11.7	08.6-14.8	58	9.7	06.8-12.6
Male	316	26,317	57	17.6	12.5-22.7	165	53.2	46.5-59.9	31	8.4	05.1-11.7	32	9.4	05.7-13.1	31	11.4	06.7-16.1
Female	306	23,292	48	13.9	09.2-18.6	159	47.8	40.5-55.1	34	16.2	10.1-22.3	38	14.3	08.8-19.8	27	7.8	04.3-11.3
Non-Native	571	44,455	94	15.6	12.1-19.1	300	51.0	45.9-56.1	60	12.3	08.6-16.0	65	11.8	08.5-15.1	52	9.2	06.3-12.1
45-54	72	8,458	11	17.0	06.6-27.4	36	50.8	37.5-64.1	10	6.7	02.2-11.2	9	16.5	06.3-26.7	6	9.0	01.0-17.0
55-64	118	10,863	14	12.1	05.4-18.8	63	45.8	35.4-56.2	18	19.5	10.3-28.7	11	9.0	03.3-14.7	12	13.6	05.6-21.6
65+	392	23,461	76	19.3	14.4-24.2	208	54.6	48.5-60.7	29	7.4	04.3-10.5	44	10.5	06.8-14.2	35	8.2	05.1-11.3
H.S. or G.E.D.	183	13,254	33	16.9	10.6-23.2	91	47.4	38.6-56.2	13	9.6	03.1-16.1	21	11.6	06.1-17.1	25	14.6	07.9-21.3
Some Post-H.S.	209	21,507	35	16.2	10.3-22.1	101	49.1	41.1-57.1	26	13.9	08.4-19.4	27	12.0	06.5-17.5	20	8.8	04.3-13.3
College Graduate	209	11,437	34	16.2	10.1-22.3	121	55.6	47.6-63.6	24	10.9	06.2-15.6	20	12.5	06.4-18.6	10	4.7	01.2-08.2
\$25,000- 34,999	79	6,258	8	7.8	00.5-15.1	41	51.5	36.6-66.4	7	16.5	03.0-30.0	13	13.5	05.3-21.7	10	10.8	02.8-18.8
\$35,000- 49,999	107	7,996	17	18.7	09.1-28.3	50	45.9	34.5-57.3	13	10.7	04.4-17.0	12	11.6	04.0-19.2	15	13.1	06.0-20.2
\$50,000- 99,999	139	11,759	17	10.4	04.9-15.9	82	55.0	44.2-65.8	15	13.9	05.9-21.9	16	8.5	03.6-13.4	9	12.3	03.7-20.9
\$100,000- 199,999	77	6,651	13	17.0	07.4-26.6	49	64.4	51.9-76.9	8	9.3	02.2-16.4	4	5.1	00.0-11.2	3	4.2	00.0-09.5

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 14: WHEN WAS THE LAST TIME A DOCTOR, NURSE OR OTHER HEALTH PROFESSIONAL TOOK A PHOTO OF THE BACK OF YOUR EYE WITH A SPECIALIZED CAMERA? (DIABEYE1)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		< 1 Month Ago			1 Month but < 12 Months			1+ Yrs but < 2 Years			2 or more Years			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	316	26,317	57	17.6	12.5-22.7	165	53.2	46.5-59.9	31	8.4	05.1-11.7	32	9.4	05.7-13.1	31	11.4	06.7-16.1
Non-Native	291	23,555	52	17.1	12.0-22.2	152	53.7	46.6-60.8	30	9.2	05.5-12.9	29	9.3	05.6-13.0	28	10.8	06.1-15.5
55-64	62	5,847	7	10.5	02.5-18.5	36	51.8	37.7-65.9	6	8.8	01.4-16.2	6	9.3	01.3-17.3	7	19.5	06.2-32.8
65+	199	12,792	40	20.7	13.8-27.6	105	56.2	48.0-64.4	17	7.5	03.4-11.6	19	7.8	03.7-11.9	18	7.8	03.5-12.1
H.S. or G.E.D.	90	6,919	13	11.7	05.0-18.4	46	53.4	41.1-65.7	8	7.8	02.3-13.3	12	11.6	04.0-19.2	11	15.5	04.9-26.1
Some Post-H.S.	110	11,571	21	19.7	10.9-28.5	53	49.8	38.6-61.0	11	9.7	03.6-15.8	12	9.3	03.6-15.0	13	11.5	04.4-18.6
College Graduate	102	5,802	20	21.4	11.6-31.2	58	56.2	44.6-67.8	12	9.3	03.4-15.2	8	10.4	02.2-18.6	4	2.6	00.1-05.1
\$35,000- 49,999	51	3,886	7	13.1	02.3-23.9	21	40.9	25.2-56.6	7	13.1	02.7-23.5	7	14.6	01.9-27.3	9	18.3	06.0-30.6
\$50,000- 99,999	80	7,133	11	10.9	04.0-17.8	46	56.0	42.1-69.9	6	8.0	00.6-15.4	10	8.8	02.5-15.1	7	16.3	04.0-28.6
\$100,000- 199,999	53	4,348	11	20.5	08.0-33.0	36	69.5	55.2-83.8	4	6.3	00.0-13.0	2	3.7	00.0-09.6			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 15: WHEN WAS THE LAST TIME A DOCTOR, NURSE OR OTHER HEALTH PROFESSIONAL TOOK A PHOTO OF THE BACK OF YOUR EYE WITH A SPECIALIZED CAMERA? (DIABEYE1)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		< 1 Month Ago			1 Month but < 12 Months			1+ Yrs but < 2 Years			2 or more Years			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	306	23,292	48	13.9	09.2-18.6	159	47.8	40.5-55.1	34	16.2	09.9-22.5	38	14.3	09.0-19.6	27	7.8	04.3-11.3
Non-Native	280	20,900	42	14.0	08.9-19.1	148	48.0	40.4-55.6	30	15.9	09.2-22.6	36	14.7	09.0-20.4	24	7.4	03.9-10.9
55-64	56	5,015	7	13.8	03.0-24.6	27	38.9	24.2-53.6	12	32.0	15.7-48.3	5	8.6	00.8-16.4	5	6.7	00.4-13.0
65+	193	10,669	36	17.5	10.8-24.2	103	52.7	44.1-61.3	12	7.4	02.7-12.1	25	13.8	07.3-20.3	17	8.6	04.1-13.1
H.S. or G.E.D.	93	6,335	20	22.6	12.0-33.2	45	40.8	28.6-53.0	5	11.5	00.0-23.3	9	11.5	03.3-19.7	14	13.6	06.2-21.0
Some Post-H.S.	99	9,936	14	12.0	04.7-19.3	48	48.4	36.4-60.4	15	18.8	09.2-28.4	15	15.2	05.8-24.6	7	5.7	00.2-11.2
College Graduate	107	5,635	14	10.9	03.8-18.0	63	55.0	43.6-66.4	12	12.5	05.2-19.8	12	14.6	05.6-23.6	6	7.0	00.5-13.5
\$35,000- 49,999	56	4,111	10	24.0	08.7-39.3	29	50.6	34.5-66.7	6	8.5	01.4-15.6	5	8.7	00.5-16.9	6	8.2	01.1-15.3
\$50,000- 99,999	59	4,627	6	9.7	00.7-18.7	36	53.4	36.7-70.1	9	22.8	06.7-38.9	6	7.9	00.0-15.9	2	6.1	00.0-16.3

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 16: WHEN WAS THE LAST TIME YOU TOOK A COURSE OR CLASS IN HOW TO MANAGE YOUR DIABETES YOURSELF? (DIABEDU1)**

Denominator excludes: Respondents with do not know/refused/missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Within past year (LT 12 months ago)			Within last 2 yrs (1 yr but LT 2 yrs)			Within last 3 yrs (2 yrs LT 3 yrs)			Within last 5 yrs (3 to 4 yrs but LT 5 yrs)			Within last 10 yrs (5 to 9 yrs but LT 10 yrs)			10+ yrs ago or Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	682	54,514	99	17.5	13.6-21.4	39	5.0	03.2-06.8	30	5.2	02.8-07.6	39	5.4	03.2-07.6	47	7.3	04.8-09.8	428	59.6	54.9-64.3
Male	350	29,004	45	15.7	10.4-21.0	22	4.9	02.5-07.3	11	3.0	01.0-05.0	23	7.1	03.6-10.6	24	7.1	04.0-10.2	225	62.1	55.8-68.4
Female	332	25,510	54	19.5	13.4-25.6	17	5.0	02.5-07.5	19	7.6	03.1-12.1	16	3.6	01.4-05.8	23	7.5	03.6-11.4	203	56.8	49.7-63.9
Non-Native	631	49,474	92	17.5	13.4-21.6	37	5.1	03.3-06.9	28	4.9	02.5-07.3	34	5.4	03.0-07.8	43	7.5	04.8-10.2	397	59.6	54.7-64.5
45-54	84	9,658	18	24.6	13.0-36.2	3	3.7	00.0-08.2	4	7.5	00.0-15.1	2	3.5	00.0-08.2	7	6.1	01.4-10.8	50	54.7	42.2-67.2
55-64	130	12,279	21	19.1	10.5-27.7	8	4.6	01.3-07.9	4	1.7	00.0-03.5	11	7.4	02.5-12.3	11	9.5	03.0-16.0	75	57.7	47.7-67.7
65+	423	24,853	51	11.6	08.1-15.1	26	5.9	03.4-08.4	18	3.9	01.7-06.1	24	5.3	02.6-08.0	25	6.2	03.5-08.9	279	67.1	61.8-72.4
H.S. or G.E.D.	206	14,678	28	16.8	09.7-23.9	12	5.4	02.1-08.7	8	4.3	00.6-08.0	13	6.2	01.5-10.9	9	3.4	00.9-05.9	136	63.9	55.5-72.3
Some Post-H.S.	228	24,083	37	19.7	13.0-26.4	10	3.4	01.0-05.8	15	7.6	02.9-12.3	9	3.7	01.2-06.2	22	10.8	05.9-15.7	135	54.8	47.0-62.6
College Graduate	226	12,230	30	13.6	08.3-18.9	16	7.7	03.4-12.0	7	2.8	00.4-05.2	16	7.8	03.1-12.5	16	7.2	03.3-11.1	141	60.8	53.2-68.4
\$15,000- 24,999	51	4,376	7	12.6	00.6-24.6	2	3.5	00.0-08.4	1	8.5	00.0-24.0	2	2.0	00.0-05.1	4	5.0	00.0-10.3	35	68.4	50.6-86.2
\$25,000- 34,999	77	6,030	13	23.5	09.0-38.0				7	5.4	00.9-09.9	5	6.7	00.0-14.1	2	3.5	00.0-08.4	50	60.9	45.8-76.0
\$35,000- 49,999	115	8,842	9	6.6	01.7-11.5	10	6.4	02.1-10.7	5	2.8	00.0-05.7	10	6.7	01.6-11.8	7	6.6	01.3-11.9	74	70.9	61.5-80.3
\$50,000- 99,999	157	13,500	29	21.8	12.8-30.8	10	4.5	01.0-08.0	7	6.0	01.1-10.9	9	6.7	01.4-12.0	12	8.5	02.4-14.6	90	52.5	42.3-62.7
\$100,000- 199,999	84	7,556	16	19.1	08.9-29.3	7	7.4	01.3-13.5	2	4.3	00.0-10.4	5	4.5	00.0-09.0	10	12.8	03.4-22.2	44	51.8	39.1-64.5

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

Rows with less than 50 observations have been suppressed.

Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 17: WHEN WAS THE LAST TIME YOU TOOK A COURSE OR CLASS IN HOW TO MANAGE YOUR DIABETES YOURSELF? (DIABEDU1)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Within past year (LT 12 months ago)			Within last 2 yrs (1 yr but LT 2 yrs)			Within last 3 yrs (2 yrs LT 3 yrs)			Within last 5 yrs (3 to 4 yrs but LT 5 yrs)			Within last 10 yrs (5 to 9 yrs but LT 10 yrs)			10+ yrs ago or Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	350	29,004	45	15.7	10.4-21.0	22	4.9	02.5-07.3	11	3.0	01.0-05.0	23	7.1	03.6-10.6	24	7.1	04.0-10.2	225	62.1	55.8-68.4
Non-Native	323	26,008	40	14.7	09.4-20.0	21	5.4	02.7-08.1	10	3.1	00.9-05.3	21	7.5	03.6-11.4	23	7.7	04.2-11.2	208	61.6	54.9-68.3
55-64	67	6,356	8	10.9	03.1-18.7	5	6.0	00.5-11.5	2	2.0	00.0-04.7	7	11.0	02.4-19.6	5	7.7	00.4-15.0	40	62.5	49.8-75.2
65+	213	13,065	25	11.9	06.8-17.0	14	5.0	02.3-07.7	8	4.2	01.1-07.3	13	6.1	01.8-10.4	14	8.0	03.3-12.7	139	64.8	57.2-72.4
H.S. or G.E.D.	101	7,600	9	9.7	02.8-16.6	7	5.6	01.1-10.1	3	4.0	00.0-09.3	10	10.5	02.1-18.9	4	2.4	00.0-04.9	68	67.8	56.6-79.0
Some Post-H.S.	119	12,746	22	23.3	13.3-33.3	6	3.9	00.2-07.6	4	2.6	00.1-05.1	7	6.0	01.5-10.5	11	10.5	04.2-16.8	69	53.7	42.9-64.5
College Graduate	115	6,521	13	12.6	05.2-20.0	9	7.8	02.1-13.5	4	3.6	00.0-07.3	5	4.1	00.0-09.2	9	8.4	02.9-13.9	75	63.5	53.1-73.9
\$35,000- 49,999	57	4,265	2	2.2	00.0-05.3	6	8.7	00.9-16.5	1	2.6	00.0-07.7	7	10.2	00.8-19.6	3	5.6	00.0-13.2	38	70.7	57.0-84.4
\$50,000- 99,999	89	7,995	12	17.5	05.9-29.1	6	4.8	00.0-09.9	4	4.7	00.0-10.2	4	7.7	00.0-15.7	7	8.9	01.6-16.2	56	56.3	42.8-69.8
\$100,000- 199,999	56	4,848	9	17.7	05.5-29.9	5	5.8	00.3-11.3				4	6.3	00.0-13.2	7	11.2	02.2-20.2	31	59.1	44.0-74.2

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

Rows with less than 50 observations have been suppressed.

Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 18: WHEN WAS THE LAST TIME YOU TOOK A COURSE OR CLASS IN HOW TO MANAGE YOUR DIABETES YOURSELF? (DIABEDU1)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Within past year (LT 12 months ago)			Within last 2 yrs (1 yr but LT 2 yrs)			Within last 3 yrs (2 yrs LT 3 yrs)			Within last 5 yrs (3 to 4 yrs but LT 5 yrs)			Within last 10 yrs (5 to 9 yrs but LT 10 yrs)			10+ yrs ago or Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	332	25,510	54	19.5	13.4-25.6	17	5.0	02.5-07.5	19	7.6	03.1-12.1	16	3.6	01.4-05.8	23	7.5	03.6-11.4	203	56.8	49.7-63.9
Non-Native	308	23,466	52	20.6	14.1-27.1	16	4.8	02.3-07.3	18	7.0	02.7-11.3	13	3.1	01.1-05.1	20	7.2	03.1-11.3	189	57.4	50.0-64.8
55-64	63	5,923	13	27.9	13.0-42.8	3	3.0	00.0-06.5	2	1.4	00.0-03.6	4	3.6	00.0-07.3	6	11.5	00.5-22.5	35	52.6	37.3-67.9
65+	210	11,787	26	11.3	06.4-16.2	12	6.9	02.8-11.0	10	3.7	01.0-06.4	11	4.4	01.5-07.3	11	4.1	01.4-06.8	140	69.6	62.3-76.9
H.S. or G.E.D.	105	7,078	19	24.5	12.5-36.5	5	5.2	00.3-10.1	5	4.6	00.0-09.9	3	1.6	00.0-03.6	5	4.4	00.1-08.7	68	59.8	47.5-72.1
Some Post-H.S.	109	11,337	15	15.5	07.1-23.9	4	2.9	00.0-05.8	11	13.3	04.1-22.5	2	1.0	00.0-02.4	11	11.1	03.3-18.9	66	56.1	44.5-67.7
College Graduate	111	5,709	17	14.8	07.4-22.2	7	7.7	01.2-14.2	3	1.9	00.0-04.3	11	12.0	04.2-19.8	7	5.8	00.0-11.7	66	57.8	46.8-68.8
\$35,000- 49,999	58	4,577	7	10.7	01.9-19.5	4	4.1	00.0-08.4	4	3.0	00.0-06.3	3	3.5	00.0-07.6	4	7.5	00.0-15.1	36	71.2	58.5-83.9
\$50,000- 99,999	68	5,505	17	28.0	13.7-42.3	4	4.0	00.0-08.1	3	7.8	00.0-16.4	5	5.2	00.3-10.1	5	8.0	00.0-18.6	34	47.0	31.9-62.1

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

Rows with less than 50 observations have been suppressed.

Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 19: HAVE YOU EVER HAD ANY SORES OR IRRITATIONS ON YOUR FEET THAT TOOK MORE THAN FOUR WEEKS TO HEAL? (FEETSORE)**

Denominator excludes: Respondents with do not know/refused/missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	718	57,007	61	8.5	06.0-11.0	657	91.5	89.0-94.0
Male	368	30,358	32	7.9	04.8-11.0	336	92.1	89.0-95.2
Female	350	26,649	29	9.2	05.5-12.9	321	90.8	87.1-94.5
Non-Native	663	51,489	55	7.8	05.4-10.2	608	92.2	89.8-94.6
45-54	88	10,020	7	7.4	01.1-13.7	81	92.6	86.3-98.9
55-64	133	12,570	18	12.6	06.1-19.1	115	87.4	80.9-93.9
65+	450	26,471	28	5.8	03.3-08.3	422	94.2	91.7-96.7
H.S. or G.E.D.	215	15,164	18	8.4	04.1-12.7	197	91.6	87.3-95.9
Some Post-H.S.	243	25,267	22	9.0	04.9-13.1	221	91.0	86.9-95.1
College Graduate	236	12,778	20	8.2	04.3-12.1	216	91.8	87.9-95.7
\$15,000- 24,999	57	4,960	8	16.5	04.0-29.0	49	83.5	71.0-96.0
\$25,000- 34,999	86	6,613	8	5.9	01.4-10.4	78	94.1	89.6-98.6
\$35,000- 49,999	118	8,988	7	5.4	00.7-10.1	111	94.6	89.9-99.3
\$50,000- 99,999	162	13,910	13	9.8	04.1-15.5	149	90.2	84.5-95.9
\$100,000- 199,999	88	7,777	2	1.4	00.0-03.4	86	98.6	96.6-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

Rows with less than 50 observations have been suppressed.

Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 20: HAVE YOU EVER HAD ANY SORES OR IRRITATIONS ON YOUR FEET THAT TOOK MORE THAN FOUR WEEKS TO HEAL? (FEETSORE)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Denominator excludes: Respondents that reported not being diagnosed with diabetes

Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	368	30,358	32	7.9	04.8-11.0	336	92.1	89.0-95.2
Non-Native	340	27,275	30	7.4	04.5-10.3	310	92.6	89.7-95.5
55-64	69	6,490	11	13.9	05.3-22.5	58	86.1	77.5-94.7
65+	228	14,161	14	4.5	02.0-07.0	214	95.5	93.0-98.0
H.S. or G.E.D.	104	7,860	10	8.8	03.1-14.5	94	91.2	85.5-96.9
Some Post-H.S.	127	13,332	12	9.0	03.1-14.9	115	91.0	85.1-96.9
College Graduate	120	6,753	10	7.5	02.6-12.4	110	92.5	87.6-97.4
\$35,000- 49,999	58	4,329	4	6.0	00.0-13.1	54	94.0	86.9-0100
\$50,000- 99,999	94	8,404	6	5.8	00.5-11.1	88	94.2	88.9-99.5
\$100,000- 199,999	60	5,069	2	2.1	00.0-05.2	58	97.9	94.8-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

Rows with less than 50 observations have been suppressed.

Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 2: DIABETES**

**TABLE 21: HAVE YOU EVER HAD ANY SORES OR IRRITATIONS ON YOUR FEET THAT TOOK MORE THAN FOUR WEEKS TO HEAL? (FEETSORE)**

**Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses**

**Denominator excludes: Respondents that reported not being diagnosed with diabetes**

**Denominator excludes: Women respondents that reported being diagnosed with diabetes only during pregnancy**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	350	26,649	29	9.2	05.5-12.9	321	90.8	87.1-94.5
Non-Native	323	24,214	25	8.3	04.6-12.0	298	91.7	88.0-95.4
55-64	64	6,080	7	11.2	01.8-20.6	57	88.8	79.4-98.2
65+	222	12,310	14	7.2	02.9-11.5	208	92.8	88.5-97.1
H.S. or G.E.D.	111	7,303	8	8.1	01.6-14.6	103	91.9	85.4-98.4
Some Post-H.S.	116	11,935	10	9.0	03.3-14.7	106	91.0	85.3-96.7
College Graduate	116	6,025	10	9.0	02.9-15.1	106	91.0	84.9-97.1
\$35,000- 49,999	60	4,658	3	4.8	00.0-11.3	57	95.2	88.7-0100
\$50,000- 99,999	68	5,505	7	15.9	04.5-27.3	61	84.1	72.7-95.5

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

Rows with less than 50 observations have been suppressed.

Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023**

**MODULE 13: COGNITIVE DECLINE CONTENTS**

\* NOTE \* \* \* \* \*

**WHEN THE DENOMINATOR IS NOT BASED ON THE TOTAL POPULATION SURVEYED, THE TITLE CONTAINS A DESCRIPTION OF WHAT POPULATION IS EXCLUDED FROM THE DENOMINATOR. IF THE TITLE DOES NOT DESCRIBE THE DENOMINATOR, THE TABLE IS BASED ON ALL RESPONDENTS TO THE STATES SURVEY.**

\* \* \* \* \*

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
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MODULE 13: COGNITIVE DECLINE**

**TABLE 1: DURING THE PAST 12 MONTHS, HAVE YOU EXPERIENCED DIFFICULTIES WITH THINKING OR MEMORY THAT ARE HAPPENING MORE OFTEN OR ARE GETTING WORSE? (C1MEMLO1)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	3504	260,721	525	15.5	13.9-17.1	2979	84.5	82.9-86.1
Male	1614	129,917	239	15.4	13.2-17.6	1375	84.6	82.4-86.8
Female	1890	130,804	286	15.6	13.6-17.6	1604	84.4	82.4-86.4
Native	90	8,465	18	15.7	07.7-23.7	72	84.3	76.3-92.3
Non-Native	3371	248,753	498	15.3	13.7-16.9	2873	84.7	83.1-86.3
45-54	652	64,088	83	12.7	09.8-15.6	569	87.3	84.4-90.2
55-64	819	74,701	135	17.3	14.2-20.4	684	82.7	79.6-85.8
65+	2033	121,932	307	15.9	13.9-17.9	1726	84.1	82.1-86.1
Less Than H.S.	98	16,553	27	29.6	19.2-40.0	71	70.4	60.0-80.8
H.S. or G.E.D.	845	61,599	130	15.3	12.6-18.0	715	84.7	82.0-87.4
Some Post-H.S.	1122	104,029	173	15.2	12.8-17.6	949	84.8	82.4-87.2
College Graduate	1433	77,975	193	13.1	11.1-15.1	1240	86.9	84.9-88.9
Less than \$15,000	91	6,399	25	32.0	20.0-44.0	66	68.0	56.0-80.0
\$15,000- 24,999	198	15,212	49	30.1	21.7-38.5	149	69.9	61.5-78.3
\$25,000- 34,999	317	22,615	61	21.7	15.2-28.2	256	78.3	71.8-84.8
\$35,000- 49,999	444	32,582	72	15.8	11.7-19.9	372	84.2	80.1-88.3
\$50,000- 99,999	992	74,860	141	14.3	11.8-16.8	851	85.7	83.2-88.2
\$100,000- 199,999	649	50,705	59	9.2	06.7-11.7	590	90.8	88.3-93.3
\$200,000+	176	14,188	22	14.1	07.8-20.4	154	85.9	79.6-92.2

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 2: DURING THE PAST 12 MONTHS, HAVE YOU EXPERIENCED DIFFICULTIES WITH THINKING OR MEMORY THAT ARE HAPPENING MORE OFTEN OR ARE GETTING WORSE? (C1MEMLO1)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	1614	129,917	239	15.4	13.2-17.6	1375	84.6	82.4-86.8
Non-Native	1549	123,602	227	15.3	13.1-17.5	1322	84.7	82.5-86.9
45-54	330	33,400	41	12.5	08.4-16.6	289	87.5	83.4-91.6
55-64	388	39,353	58	15.9	11.6-20.2	330	84.1	79.8-88.4
65+	896	57,163	140	16.9	13.8-20.0	756	83.1	80.0-86.2
Less Than H.S.	54	9,220	19	34.8	20.7-48.9	35	65.2	51.1-79.3
H.S. or G.E.D.	414	33,781	66	15.7	11.8-19.6	348	84.3	80.4-88.2
Some Post-H.S.	500	50,401	82	15.3	11.8-18.8	418	84.7	81.2-88.2
College Graduate	643	36,077	71	10.6	07.9-13.3	572	89.4	86.7-92.1
\$15,000- 24,999	69	5,471	19	38.7	23.6-53.8	50	61.3	46.2-76.4
\$25,000- 34,999	134	11,158	34	26.2	16.6-35.8	100	73.8	64.2-83.4
\$35,000- 49,999	196	15,144	32	15.3	09.6-21.0	164	84.7	79.0-90.4
\$50,000- 99,999	486	39,834	61	13.1	09.4-16.8	425	86.9	83.2-90.6
\$100,000- 199,999	360	29,277	31	9.2	05.7-12.7	329	90.8	87.3-94.3
\$200,000+	113	9,220	12	10.8	04.1-17.5	101	89.2	82.5-95.9

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 3: DURING THE PAST 12 MONTHS, HAVE YOU EXPERIENCED DIFFICULTIES WITH THINKING OR MEMORY THAT ARE HAPPENING MORE OFTEN OR ARE GETTING WORSE? (C1MEMLO1)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	1890	130,804	286	15.6	13.6-17.6	1604	84.4	82.4-86.4
Native	50	4,272	11	16.2	05.0-27.4	39	83.8	72.6-95.0
Non-Native	1822	125,151	271	15.4	13.2-17.6	1551	84.6	82.4-86.8
45-54	322	30,688	42	13.1	08.8-17.4	280	86.9	82.6-91.2
55-64	431	35,348	77	18.9	14.4-23.4	354	81.1	76.6-85.6
65+	1137	64,768	167	15.0	12.5-17.5	970	85.0	82.5-87.5
H.S. or G.E.D.	431	27,818	64	14.9	11.0-18.8	367	85.1	81.2-89.0
Some Post-H.S.	622	53,628	91	15.1	11.8-18.4	531	84.9	81.6-88.2
College Graduate	790	41,898	122	15.3	12.4-18.2	668	84.7	81.8-87.6
\$15,000- 24,999	129	9,740	30	25.2	15.2-35.2	99	74.8	64.8-84.8
\$25,000- 34,999	183	11,456	27	17.3	08.7-25.9	156	82.7	74.1-91.3
\$35,000- 49,999	248	17,437	40	16.2	10.5-21.9	208	83.8	78.1-89.5
\$50,000- 99,999	506	35,026	80	15.8	12.1-19.5	426	84.2	80.5-87.9
\$100,000- 199,999	289	21,428	28	9.1	05.6-12.6	261	90.9	87.4-94.4
\$200,000+	63	4,968	10	20.3	07.6-33.0	53	79.7	67.0-92.4

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 4: ARE YOU WORRIED ABOUT THESE DIFFICULTIES WITH THINKING OR MEMORY? (CDWORRY)  
Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	516	39,836	258	47.9	42.6-53.2	258	52.1	46.8-57.4
Male	236	19,759	117	47.7	40.1-55.3	119	52.3	44.7-59.9
Female	280	20,077	141	48.1	40.8-55.4	139	51.9	44.6-59.2
Non-Native	489	37,535	245	48.2	42.7-53.7	244	51.8	46.3-57.3
45-54	83	8,171	46	50.3	38.0-62.6	37	49.7	37.4-62.0
55-64	134	12,777	77	54.2	44.2-64.2	57	45.8	35.8-55.8
65+	299	18,888	135	42.6	35.5-49.7	164	57.4	50.3-64.5
H.S. or G.E.D.	127	9,266	68	52.7	42.7-62.7	59	47.3	37.3-57.3
Some Post-H.S.	170	15,477	83	47.6	38.8-56.4	87	52.4	43.6-61.2
College Graduate	190	10,129	94	45.4	37.2-53.6	96	54.6	46.4-62.8
\$25,000- 34,999	61	4,913	37	58.6	41.0-76.2	24	41.4	23.8-59.0
\$35,000- 49,999	71	5,007	26	37.0	23.3-50.7	45	63.0	49.3-76.7
\$50,000- 99,999	140	10,714	69	42.9	33.5-52.3	71	57.1	47.7-66.5
\$100,000- 199,999	58	4,572	34	55.1	40.2-70.0	24	44.9	30.0-59.8

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 5: ARE YOU WORRIED ABOUT THESE DIFFICULTIES WITH THINKING OR MEMORY? (CDWORRY)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	236	19,759	117	47.7	40.3-55.1	119	52.3	44.9-59.7
Non-Native	224	18,586	111	47.6	40.0-55.2	113	52.4	44.8-60.0
55-64	57	6,111	27	47.2	32.7-61.7	30	52.8	38.3-67.3
65+	138	9,490	66	46.5	36.5-56.5	72	53.5	43.5-63.5
H.S. or G.E.D.	65	5,165	35	51.1	37.2-65.0	30	48.9	35.0-62.8
Some Post-H.S.	81	7,561	42	47.7	35.4-60.0	39	52.3	40.0-64.6
College Graduate	70	3,792	32	44.1	30.4-57.8	38	55.9	42.2-69.6
\$50,000- 99,999	61	5,220	25	36.5	22.6-50.4	36	63.5	49.6-77.4

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 6: ARE YOU WORRIED ABOUT THESE DIFFICULTIES WITH THINKING OR MEMORY? (CDWORRY)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	280	20,077	141	48.1	41.0-55.2	139	51.9	44.8-59.0
Non-Native	265	18,949	134	48.8	41.4-56.2	131	51.2	43.8-58.6
55-64	77	6,667	50	60.6	46.9-74.3	27	39.4	25.7-53.1
65+	161	9,397	69	38.6	29.4-47.8	92	61.4	52.2-70.6
H.S. or G.E.D.	62	4,101	33	54.9	41.0-68.8	29	45.1	31.2-59.0
Some Post-H.S.	89	7,915	41	47.6	35.3-59.9	48	52.4	40.1-64.7
College Graduate	120	6,337	62	46.2	36.0-56.4	58	53.8	43.6-64.0
\$50,000- 99,999	79	5,495	44	49.0	36.5-61.5	35	51.0	38.5-63.5

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 7: HAVE YOU OR ANYONE ELSE DISCUSSED YOUR DIFFICULTIES WITH THINKING OR MEMORY WITH A HEALTH CARE PROVIDER? (CDDISCU1)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	522	40,195	205	40.0	34.9-45.1	317	60.0	54.9-65.1
Male	238	20,050	81	34.1	27.0-41.2	157	65.9	58.8-73.0
Female	284	20,145	124	45.8	38.5-53.1	160	54.2	46.9-61.5
Non-Native	495	37,894	193	39.9	34.6-45.2	302	60.1	54.8-65.4
45-54	83	8,171	41	49.3	36.8-61.8	42	50.7	38.2-63.2
55-64	135	12,922	68	47.5	37.7-57.3	67	52.5	42.7-62.3
65+	304	19,102	96	30.9	24.2-37.6	208	69.1	62.4-75.8
H.S. or G.E.D.	128	9,189	45	33.3	24.3-42.3	83	66.7	57.7-75.7
Some Post-H.S.	173	15,831	75	47.0	38.2-55.8	98	53.0	44.2-61.8
College Graduate	192	10,212	77	40.7	32.7-48.7	115	59.3	51.3-67.3
\$25,000- 34,999	60	4,904	23	36.7	20.8-52.6	37	63.3	47.4-79.2
\$35,000- 49,999	72	5,139	28	43.2	29.3-57.1	44	56.8	42.9-70.7
\$50,000- 99,999	141	10,740	56	40.6	31.0-50.2	85	59.4	49.8-69.0
\$100,000- 199,999	59	4,653	21	32.7	19.6-45.8	38	67.3	54.2-80.4

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 8: HAVE YOU OR ANYONE ELSE DISCUSSED YOUR DIFFICULTIES WITH THINKING OR MEMORY WITH A HEALTH CARE PROVIDER? (CDDISCU1)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	238	20,050	81	34.1	27.0-41.2	157	65.9	58.8-73.0
Non-Native	226	18,877	76	33.8	26.5-41.1	150	66.2	58.9-73.5
55-64	58	6,255	24	39.9	25.8-54.0	34	60.1	46.0-74.2
65+	139	9,636	40	27.9	19.1-36.7	99	72.1	63.3-80.9
H.S. or G.E.D.	66	5,297	19	23.6	12.8-34.4	47	76.4	65.6-87.2
Some Post-H.S.	82	7,706	34	47.6	35.1-60.1	48	52.4	39.9-64.9
College Graduate	70	3,806	24	34.7	21.8-47.6	46	65.3	52.4-78.2
\$50,000- 99,999	61	5,220	19	32.6	18.7-46.5	42	67.4	53.5-81.3

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 9: HAVE YOU OR ANYONE ELSE DISCUSSED YOUR DIFFICULTIES WITH THINKING OR MEMORY WITH A HEALTH CARE PROVIDER? (CDDISCU1)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	284	20,145	124	45.8	38.5-53.1	160	54.2	46.9-61.5
Non-Native	269	19,018	117	45.9	38.5-53.3	152	54.1	46.7-61.5
55-64	77	6,667	44	54.6	41.5-67.7	33	45.4	32.3-58.5
65+	165	9,466	56	33.9	24.3-43.5	109	66.1	56.5-75.7
H.S. or G.E.D.	62	3,891	26	46.5	32.4-60.6	36	53.5	39.4-67.6
Some Post-H.S.	91	8,125	41	46.4	34.1-58.7	50	53.6	41.3-65.9
College Graduate	122	6,407	53	44.2	33.8-54.6	69	55.8	45.4-66.2
\$50,000- 99,999	80	5,520	37	48.2	35.7-60.7	43	51.8	39.3-64.3

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 10: DURING THE PAST 12 MONTHS, HAVE YOUR DIFFICULTIES WITH THINKING OR MEMORY INTERFERED WITH DAY-TO-DAY ACTIVITIES, SUCH AS MANAGING MEDICATIONS, PAYING BILLS, OR KEEPING TRACK OF APPOINTMENTS? (CDHOUS1)**

Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	524	40,418	158	32.4	27.3-37.5	366	67.6	62.5-72.7
Male	239	20,059	78	32.1	25.0-39.2	161	67.9	60.8-75.0
Female	285	20,359	80	32.8	25.5-40.1	205	67.2	59.9-74.5
Non-Native	497	38,117	148	32.1	27.0-37.2	349	67.9	62.8-73.0
45-54	83	8,171	39	46.9	34.6-59.2	44	53.1	40.8-65.4
55-64	135	12,922	57	43.6	33.8-53.4	78	56.4	46.6-66.2
65+	306	19,325	62	18.9	13.6-24.2	244	81.1	75.8-86.4
H.S. or G.E.D.	130	9,443	51	39.1	29.5-48.7	79	60.9	51.3-70.5
Some Post-H.S.	172	15,790	48	32.0	23.6-40.4	124	68.0	59.6-76.4
College Graduate	193	10,221	49	24.6	17.7-31.5	144	75.4	68.5-82.3
\$25,000- 34,999	61	4,913	27	57.4	40.5-74.3	34	42.6	25.7-59.5
\$35,000- 49,999	71	5,098	26	39.3	25.4-53.2	45	60.7	46.8-74.6
\$50,000- 99,999	141	10,740	34	22.4	14.8-30.0	107	77.6	70.0-85.2
\$100,000- 199,999	59	4,653	13	20.9	09.9-31.9	46	79.1	68.1-90.1

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 11: DURING THE PAST 12 MONTHS, HAVE YOUR DIFFICULTIES WITH THINKING OR MEMORY INTERFERED WITH DAY-TO-DAY ACTIVITIES, SUCH AS MANAGING MEDICATIONS, PAYING BILLS, OR KEEPING TRACK OF APPOINTMENTS? (CDHOUS1)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	239	20,059	78	32.1	25.0-39.2	161	67.9	60.8-75.0
Non-Native	227	18,886	71	30.6	23.5-37.7	156	69.4	62.3-76.5
55-64	58	6,255	25	39.7	25.8-53.6	33	60.3	46.4-74.2
65+	140	9,645	32	19.4	11.8-27.0	108	80.6	73.0-88.2
H.S. or G.E.D.	66	5,297	27	35.6	22.9-48.3	39	64.4	51.7-77.1
Some Post-H.S.	82	7,706	26	33.1	21.3-44.9	56	66.9	55.1-78.7
College Graduate	71	3,815	19	25.8	13.8-37.8	52	74.2	62.2-86.2
\$50,000- 99,999	61	5,220	11	16.4	06.2-26.6	50	83.6	73.4-93.8

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 12: DURING THE PAST 12 MONTHS, HAVE YOUR DIFFICULTIES WITH THINKING OR MEMORY INTERFERED WITH DAY-TO-DAY ACTIVITIES, SUCH AS MANAGING MEDICATIONS, PAYING BILLS, OR KEEPING TRACK OF APPOINTMENTS? (CDHOUS1)**

**Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses**

Data was weighted using \_LLCPWWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	285	20,359	80	32.8	25.5-40.1	205	67.2	59.9-74.5
Non-Native	270	19,231	77	33.6	26.2-41.0	193	66.4	59.0-73.8
55-64	77	6,667	32	47.3	33.6-61.0	45	52.7	39.0-66.4
65+	166	9,680	30	18.4	11.3-25.5	136	81.6	74.5-88.7
H.S. or G.E.D.	64	4,146	24	43.5	29.6-57.4	40	56.5	42.6-70.4
Some Post-H.S.	90	8,084	22	30.9	18.7-43.1	68	69.1	56.9-81.3
College Graduate	122	6,407	30	24.0	15.8-32.2	92	76.0	67.8-84.2
\$50,000- 99,999	80	5,520	23	28.2	17.2-39.2	57	71.8	60.8-82.8

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 13: DURING THE PAST 12 MONTHS, HAVE YOUR DIFFICULTIES WITH THINKING OR MEMORY INTERFERED WITH YOUR ABILITY TO WORK OR VOLUNTEER? (CDSOCIA1)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	520	40,067	104	22.1	17.6-26.6	416	77.9	73.4-82.4
Male	237	19,859	54	24.4	17.5-31.3	183	75.6	68.7-82.5
Female	283	20,208	50	19.8	13.9-25.7	233	80.2	74.3-86.1
Non-Native	494	37,841	97	22.0	17.3-26.7	397	78.0	73.3-82.7
45-54	82	8,041	23	27.5	16.5-38.5	59	72.5	61.5-83.5
55-64	133	12,777	40	30.0	21.0-39.0	93	70.0	61.0-79.0
65+	305	19,249	41	14.6	09.3-19.9	264	85.4	80.1-90.7
H.S. or G.E.D.	128	9,299	34	27.3	18.5-36.1	94	72.7	63.9-81.5
Some Post-H.S.	171	15,626	28	20.1	12.7-27.5	143	79.9	72.5-87.3
College Graduate	192	10,178	36	19.3	12.8-25.8	156	80.7	74.2-87.2
\$25,000- 34,999	61	4,913	17	40.0	22.4-57.6	44	60.0	42.4-77.6
\$35,000- 49,999	72	5,139	17	26.5	13.4-39.6	55	73.5	60.4-86.6
\$50,000- 99,999	141	10,740	23	14.8	08.3-21.3	118	85.2	78.7-91.7
\$100,000- 199,999	59	4,653	9	14.1	04.9-23.3	50	85.9	76.7-95.1

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 14: DURING THE PAST 12 MONTHS, HAVE YOUR DIFFICULTIES WITH THINKING OR MEMORY INTERFERED WITH YOUR ABILITY TO WORK OR VOLUNTEER? (CDSOCIA1)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	237	19,859	54	24.4	17.5-31.3	183	75.6	68.7-82.5
Non-Native	225	18,686	49	23.5	16.4-30.6	176	76.5	69.4-83.6
55-64	57	6,186	17	26.6	14.1-39.1	40	73.4	60.9-85.9
65+	140	9,645	24	19.9	10.5-29.3	116	80.1	70.7-89.5
H.S. or G.E.D.	65	5,228	17	23.1	11.9-34.3	48	76.9	65.7-88.1
Some Post-H.S.	81	7,576	17	22.7	11.9-33.5	64	77.3	66.5-88.1
College Graduate	71	3,815	14	18.3	08.5-28.1	57	81.7	71.9-91.5
\$50,000- 99,999	61	5,220	6	8.0	00.7-15.3	55	92.0	84.7-99.3

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 13: COGNITIVE DECLINE**

**TABLE 15: DURING THE PAST 12 MONTHS, HAVE YOUR DIFFICULTIES WITH THINKING OR MEMORY INTERFERED WITH YOUR ABILITY TO WORK OR VOLUNTEER? (CDSOCIA1)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	283	20,208	50	19.8	13.9-25.7	233	80.2	74.3-86.1
Non-Native	269	19,155	48	20.5	14.4-26.6	221	79.5	73.4-85.6
55-64	76	6,592	23	33.2	20.5-45.9	53	66.8	54.1-79.5
65+	165	9,603	17	9.2	04.5-13.9	148	90.8	86.1-95.5
H.S. or G.E.D.	63	4,071	17	32.7	19.2-46.2	46	67.3	53.8-80.8
Some Post-H.S.	90	8,050	11	17.6	07.0-28.2	79	82.4	71.8-93.0
College Graduate	121	6,363	22	19.8	11.6-28.0	99	80.2	72.0-88.4
\$50,000- 99,999	80	5,520	17	21.2	11.2-31.2	63	78.8	68.8-88.8

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023

MODULE 16: OTHER TOBACCO USE CONTENTS

\* NOTE \* \* \* \* \*

WHEN THE DENOMINATOR IS NOT BASED ON THE TOTAL POPULATION SURVEYED, THE TITLE CONTAINS A DESCRIPTION OF WHAT POPULATION IS EXCLUDED FROM THE DENOMINATOR. IF THE TITLE DOES NOT DESCRIBE THE DENOMINATOR, THE TABLE IS BASED ON ALL RESPONDENTS TO THE STATES SURVEY.

\* \* \* \* \*

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 16: OTHER TOBACCO USE**

**TABLE 1: CURRENTLY, WHEN YOU SMOKE CIGARETTES, DO YOU USUALLY SMOKE MENTHOL CIGARETTES? (MENTCIGS)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	578	71,493	143	27.0	22.1-31.9	435	73.0	68.1-77.9
Male	301	39,211	64	23.4	17.1-29.7	237	76.6	70.3-82.9
Female	277	32,282	79	31.5	24.1-38.9	198	68.5	61.1-75.9
Non-Native	525	63,780	130	27.5	22.4-32.6	395	72.5	67.4-77.6
25-34	60	14,474	18	30.2	16.7-43.7	42	69.8	56.3-83.3
35-44	95	14,756	31	32.2	21.8-42.6	64	67.8	57.4-78.2
45-54	112	12,300	22	20.5	12.1-28.9	90	79.5	71.1-87.9
55-64	144	15,227	34	24.6	16.0-33.2	110	75.4	66.8-84.0
65+	149	8,525	32	20.7	13.3-28.1	117	79.3	71.9-86.7
H.S. or G.E.D.	213	21,819	43	24.3	16.9-31.7	170	75.7	68.3-83.1
Some Post-H.S.	205	26,960	57	28.5	21.4-35.6	148	71.5	64.4-78.6
College Graduate	115	8,104	34	34.0	23.6-44.4	81	66.0	55.6-76.4
\$15,000- 24,999	63	7,946	13	22.1	09.6-34.6	50	77.9	65.4-90.4
\$25,000- 34,999	72	9,615	13	21.0	07.3-34.7	59	79.0	65.3-92.7
\$35,000- 49,999	76	9,445	18	31.4	16.1-46.7	58	68.6	53.3-83.9
\$50,000- 99,999	149	17,689	34	23.2	15.0-31.4	115	76.8	68.6-85.0
\$100,000- 199,999	82	10,928	23	28.2	17.0-39.4	59	71.8	60.6-83.0

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 16: OTHER TOBACCO USE**

**TABLE 2: CURRENTLY, WHEN YOU SMOKE CIGARETTES, DO YOU USUALLY SMOKE MENTHOL CIGARETTES? (MENTCIGS)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	301	39,211	64	23.4	17.1-29.7	237	76.6	70.3-82.9
Non-Native	278	35,104	60	24.4	17.7-31.1	218	75.6	68.9-82.3
35-44	54	8,111	15	28.4	15.1-41.7	39	71.6	58.3-84.9
45-54	55	5,604	9	16.3	05.7-26.9	46	83.7	73.1-94.3
55-64	66	7,389	16	25.0	12.3-37.7	50	75.0	62.3-87.7
65+	71	4,206	10	13.4	04.4-22.4	61	86.6	77.6-95.6
H.S. or G.E.D.	114	12,148	22	23.2	13.4-33.0	92	76.8	67.0-86.6
Some Post-H.S.	104	14,591	24	23.5	14.5-32.5	80	76.5	67.5-85.5
College Graduate	58	4,103	13	27.1	12.8-41.4	45	72.9	58.6-87.2
\$50,000- 99,999	79	10,131	12	13.7	04.9-22.5	67	86.3	77.5-95.1
\$100,000- 199,999	51	7,023	9	21.5	08.0-35.0	42	78.5	65.0-92.0

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 16: OTHER TOBACCO USE**

**TABLE 3: CURRENTLY, WHEN YOU SMOKE CIGARETTES, DO YOU USUALLY SMOKE MENTHOL CIGARETTES? (MENTCIGS)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	277	32,282	79	31.5	24.1-38.9	198	68.5	61.1-75.9
Non-Native	247	28,676	70	31.2	23.2-39.2	177	68.8	60.8-76.8
45-54	57	6,696	13	24.1	11.6-36.6	44	75.9	63.4-88.4
55-64	78	7,838	18	24.3	12.5-36.1	60	75.7	63.9-87.5
65+	78	4,319	22	27.8	16.4-39.2	56	72.2	60.8-83.6
H.S. or G.E.D.	99	9,671	21	25.6	14.4-36.8	78	74.4	63.2-85.6
Some Post-H.S.	101	12,370	33	34.4	23.2-45.6	68	65.6	54.4-76.8
College Graduate	57	4,001	21	41.1	26.0-56.2	36	58.9	43.8-74.0
\$50,000- 99,999	70	7,558	22	35.8	21.7-49.9	48	64.2	50.1-78.3

NOTE:

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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 16: OTHER TOBACCO USE**

**TABLE 4: CURRENTLY, WHEN YOU USE E-CIGARETTES, DO YOU USUALLY USE MENTHOL E-CIGARETTES? (MENTECIG)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	263	48,767	46	17.4	11.9-22.9	217	82.6	77.1-88.1
Male	146	26,133	28	18.6	11.5-25.7	118	81.4	74.3-88.5
Female	117	22,634	18	16.1	07.5-24.7	99	83.9	75.3-92.5
Non-Native	254	46,439	44	17.7	12.0-23.4	210	82.3	76.6-88.0
18-24	66	18,147	10	14.9	05.1-24.7	56	85.1	75.3-94.9
25-34	74	16,702	14	19.6	09.0-30.2	60	80.4	69.8-91.0
35-44	59	8,446	9	14.5	05.3-23.7	50	85.5	76.3-94.7
H.S. or G.E.D.	94	16,591	18	16.2	08.8-23.6	76	83.8	76.4-91.2
Some Post-H.S.	93	18,597	13	13.1	05.8-20.4	80	86.9	79.6-94.2
College Graduate	52	5,120	8	14.3	04.1-24.5	44	85.7	75.5-95.9
\$50,000- 99,999	78	13,314	11	13.1	05.1-21.1	67	86.9	78.9-94.9

NOTE:

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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 16: OTHER TOBACCO USE**

**TABLE 5: CURRENTLY, WHEN YOU USE E-CIGARETTES, DO YOU USUALLY USE MENTHOL E-CIGARETTES? (MENTECIG)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	146	26,133	28	18.6	11.5-25.7	118	81.4	74.3-88.5
Non-Native	142	25,316	27	18.2	11.1-25.3	115	81.8	74.7-88.9
H.S. or G.E.D.	59	10,055	14	21.5	10.5-32.5	45	78.5	67.5-89.5
Some Post-H.S.	54	10,446	8	13.3	03.9-22.7	46	86.7	77.3-96.1

NOTE:

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Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 16: OTHER TOBACCO USE**

**TABLE 6: CURRENTLY, WHEN YOU USE E-CIGARETTES, DO YOU USUALLY USE MENTHOL E-CIGARETTES? (MENTECIG)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	117	22,634	18	16.1	07.3-24.9	99	83.9	75.1-92.7
Non-Native	112	21,123	17	17.1	07.9-26.3	95	82.9	73.7-92.1

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 16: OTHER TOBACCO USE**

**TABLE 7: BEFORE TODAY, HAVE YOU HEARD OF HEATED TOBACCO PRODUCTS? (HEATTBCO)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5179	539,810	677	12.3	11.1-13.5	4502	87.7	86.5-88.9
Male	2544	279,633	367	13.7	11.9-15.5	2177	86.3	84.5-88.1
Female	2635	260,176	310	10.8	09.2-12.4	2325	89.2	87.6-90.8
Native	138	20,452	12	7.7	02.0-13.4	126	92.3	86.6-98.0
Non-Native	4967	511,810	659	12.6	11.4-13.8	4308	87.4	86.2-88.6
18-24	258	72,784	26	10.5	06.2-14.8	232	89.5	85.2-93.8
25-34	503	94,914	43	9.1	06.2-12.0	460	90.9	88.0-93.8
35-44	664	91,131	85	13.2	10.3-16.1	579	86.8	83.9-89.7
45-54	735	73,349	102	13.7	11.0-16.4	633	86.3	83.6-89.0
55-64	874	79,538	108	12.2	09.7-14.7	766	87.8	85.3-90.3
65+	2145	128,094	313	14.2	12.4-16.0	1832	85.8	84.0-87.6
Less Than H.S.	152	37,674	23	15.3	08.4-22.2	129	84.7	77.8-91.6
H.S. or G.E.D.	1284	139,929	131	9.8	07.6-12.0	1153	90.2	88.0-92.4
Some Post-H.S.	1614	207,229	214	12.4	10.4-14.4	1400	87.6	85.6-89.6
College Graduate	2112	153,087	306	13.7	11.9-15.5	1806	86.3	84.5-88.1
Less than \$15,000	135	16,108	17	15.0	06.0-24.0	118	85.0	76.0-94.0
\$15,000- 24,999	277	31,800	32	8.8	04.7-12.9	245	91.2	87.1-95.3
\$25,000- 34,999	432	46,111	56	12.6	08.3-16.9	376	87.4	83.1-91.7
\$35,000- 49,999	591	57,184	78	11.7	08.6-14.8	513	88.3	85.2-91.4
\$50,000- 99,999	1464	153,502	181	11.5	09.5-13.5	1283	88.5	86.5-90.5
\$100,000- 199,999	1089	116,553	149	12.7	10.5-14.9	940	87.3	85.1-89.5
\$200,000+	276	29,790	44	15.1	10.2-20.0	232	84.9	80.0-89.8

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 16: OTHER TOBACCO USE**

**TABLE 8: BEFORE TODAY, HAVE YOU HEARD OF HEATED TOBACCO PRODUCTS? (HEATTBCO)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2544	279,633	367	13.7	11.9-15.5	2177	86.3	84.5-88.1
Native	64	10,172	8	13.5	02.7-24.3	56	86.5	75.7-97.3
Non-Native	2438	265,285	354	13.7	11.9-15.5	2084	86.3	84.5-88.1
18-24	153	39,952	16	11.8	05.5-18.1	137	88.2	81.9-94.5
25-34	278	51,682	25	10.8	06.3-15.3	253	89.2	84.7-93.7
35-44	373	47,906	51	13.4	09.5-17.3	322	86.6	82.7-90.5
45-54	374	37,985	62	16.6	12.3-20.9	312	83.4	79.1-87.7
55-64	421	42,137	60	14.1	10.4-17.8	361	85.9	82.2-89.6
65+	945	59,971	153	15.5	12.8-18.2	792	84.5	81.8-87.2
Less Than H.S.	84	21,239	13	18.0	07.8-28.2	71	82.0	71.8-92.2
H.S. or G.E.D.	691	80,063	73	10.1	07.4-12.8	618	89.9	87.2-92.6
Some Post-H.S.	790	108,379	109	13.6	10.7-16.5	681	86.4	83.5-89.3
College Graduate	970	68,563	171	16.9	14.2-19.6	799	83.1	80.4-85.8
Less than \$15,000	64	7,182	14	28.2	11.7-44.7	50	71.8	55.3-88.3
\$15,000- 24,999	102	12,037	9	6.6	01.7-11.5	93	93.4	88.5-98.3
\$25,000- 34,999	196	23,123	24	16.2	08.6-23.8	172	83.8	76.2-91.4
\$35,000- 49,999	276	27,911	38	11.3	07.0-15.6	238	88.7	84.4-93.0
\$50,000- 99,999	759	83,990	111	13.3	10.4-16.2	648	86.7	83.8-89.6
\$100,000- 199,999	624	67,857	88	12.4	09.7-15.1	536	87.6	84.9-90.3
\$200,000+	171	17,780	34	17.0	10.7-23.3	137	83.0	76.7-89.3

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 16: OTHER TOBACCO USE**

**TABLE 9: BEFORE TODAY, HAVE YOU HEARD OF HEATED TOBACCO PRODUCTS? (HEATTBCO)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2635	260,176	310	10.8	09.2-12.4	2325	89.2	87.6-90.8
Native	74	10,279	4	2.0	00.0-04.2	70	98.0	95.8-0100
Non-Native	2529	246,526	305	11.3	09.7-12.9	2224	88.7	87.1-90.3
18-24	105	32,832	10	9.0	03.1-14.9	95	91.0	85.1-96.9
25-34	225	43,231	18	7.1	03.6-10.6	207	92.9	89.4-96.4
35-44	291	43,225	34	13.0	08.3-17.7	257	87.0	82.3-91.7
45-54	361	35,364	40	10.6	07.1-14.1	321	89.4	85.9-92.9
55-64	453	37,401	48	10.1	07.0-13.2	405	89.9	86.8-93.0
65+	1200	68,123	160	13.0	10.6-15.4	1040	87.0	84.6-89.4
Less Than H.S.	68	16,436	10	11.8	03.2-20.4	58	88.2	79.6-96.8
H.S. or G.E.D.	593	59,865	58	9.4	06.1-12.7	535	90.6	87.3-93.9
Some Post-H.S.	824	98,851	105	11.0	08.5-13.5	719	89.0	86.5-91.5
College Graduate	1142	84,524	135	11.1	08.9-13.3	1007	88.9	86.7-91.1
Less than \$15,000	71	8,925	3	4.4	00.0-10.5	68	95.6	89.5-0100
\$15,000- 24,999	175	19,763	23	10.2	04.5-15.9	152	89.8	84.1-95.5
\$25,000- 34,999	236	22,988	32	8.9	05.0-12.8	204	91.1	87.2-95.0
\$35,000- 49,999	315	29,273	40	12.1	07.6-16.6	275	87.9	83.4-92.4
\$50,000- 99,999	705	69,513	70	9.4	06.7-12.1	635	90.6	87.9-93.3
\$100,000- 199,999	465	48,697	61	13.1	09.6-16.6	404	86.9	83.4-90.4
\$200,000+	105	12,010	10	12.2	04.2-20.2	95	87.8	79.8-95.8

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023**

**MODULE 22: SEXUAL ORIENTATION AND GENDER IDENTITY CONTENTS**

\* NOTE \*\*\*\*\*

**WHEN THE DENOMINATOR IS NOT BASED ON THE TOTAL POPULATION SURVEYED, THE TITLE CONTAINS A DESCRIPTION OF WHAT POPULATION IS EXCLUDED FROM THE DENOMINATOR. IF THE TITLE DOES NOT DESCRIBE THE DENOMINATOR, THE TABLE IS BASED ON ALL RESPONDENTS TO THE STATES SURVEY.**

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 22: SEXUAL ORIENTATION AND GENDER IDENTITY**

**TABLE 1: M22.01.a Which of the following best represents how you think of yourself? (SOMALE)**

Denominator excludes: Respondents who are female or respondents who do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER			Gay			Straight, that is, not gay			Bisexual			Something else		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	
Male	2650	290,370	38	1.4	00.8-02.0	2540	95.5	94.5-96.5	35	1.7	00.9-02.5	37	1.4	00.8-02.0	
Native	67	10,448	2	2.2	00.0-05.3	64	95.9	91.0-0100	1	1.9	00.0-05.6				
Non-Native	2550	276,695	35	1.4	00.8-02.0	2446	95.5	94.5-96.5	34	1.7	00.9-02.5	35	1.4	00.8-02.0	
18-24	161	41,198	5	2.6	00.2-05.0	147	92.3	87.8-96.8	9	5.1	01.2-09.0				
25-34	293	53,545	4	1.3	00.0-02.7	276	94.9	92.4-97.4	9	2.6	00.8-04.4	4	1.2	00.0-02.4	
35-44	404	52,032	10	1.7	00.5-02.9	385	95.6	93.4-97.8	3	0.8	00.0-01.8	6	1.9	00.3-03.5	
45-54	401	39,925	3	1.1	00.0-02.5	387	96.5	94.5-98.5	5	0.9	00.1-01.7	6	1.6	00.2-03.0	
55-64	437	43,528	5	1.0	00.0-02.0	427	97.6	95.8-99.4	3	0.9	00.0-02.1	2	0.5	00.0-01.3	
65+	954	60,143	11	1.0	00.2-01.8	918	96.1	94.5-97.7	6	0.6	00.0-01.2	19	2.4	01.0-03.8	
Less Than H.S.	85	21,358	1	0.9	00.0-02.7	80	93.9	87.4-0100	1	3.0	00.0-08.7	3	2.2	00.0-04.7	
H.S. or G.E.D.	732	84,663	7	1.1	00.1-02.1	691	94.4	92.4-96.4	15	2.2	01.0-03.4	19	2.3	01.1-03.5	
Some Post-H.S.	815	111,880	10	1.4	00.4-02.4	794	96.7	95.3-98.1	7	1.4	00.4-02.4	4	0.5	00.0-01.1	
College Graduate	1014	71,740	20	2.0	01.0-03.0	972	95.6	94.0-97.2	12	1.3	00.5-02.1	10	1.2	00.2-02.2	
Less than \$15,000	60	6,711	1	0.2	00.0-00.6	52	78.0	60.6-95.4	2	10.6	00.0-27.5	5	11.1	01.3-20.9	
\$15,000- 24,999	108	12,970	4	4.9	00.0-10.6	100	91.0	84.1-97.9	1	1.2	00.0-03.6	3	2.8	00.0-05.9	
\$25,000- 34,999	196	23,041	6	3.3	00.6-06.0	179	92.4	88.3-96.5	4	1.7	00.0-03.5	7	2.6	00.2-05.0	
\$35,000- 49,999	281	28,200	3	0.5	00.0-01.1	263	92.0	87.7-96.3	11	6.2	02.3-10.1	4	1.3	00.0-02.9	
\$50,000- 99,999	770	84,890	11	1.4	00.4-02.4	739	95.7	93.9-97.5	9	1.5	00.5-02.5	11	1.4	00.4-02.4	
\$100,000- 199,999	631	68,518	10	1.5	00.5-02.5	616	97.8	96.6-99.0	5	0.7	00.1-01.3				
\$200,000+	174	18,413	1	0.7	00.0-02.1	172	99.0	97.4-0100	1	0.3	00.0-00.9				

NOTE:

% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 22: SEXUAL ORIENTATION AND GENDER IDENTITY**

**TABLE 2: M22.01.b Which of the following best represents how you think of yourself? (SOFEMALE)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses  
Denominator excludes: Male respondents

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Lesbian or Gay			Straight, that is, not gay			Bisexual			Something else		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2732	273,093	28	1.2	00.6-01.8	2590	91.6	90.0-93.2	78	5.1	03.7-06.5	36	2.0	01.0-03.0
Native	84	12,166	2	1.0	00.0-02.6	79	94.6	88.9-0100	3	4.4	00.0-09.9			
Non-Native	2623	257,938	26	1.2	00.6-01.8	2486	91.4	89.6-93.2	75	5.2	03.8-06.6	36	2.1	01.1-03.1
18-24	111	33,845	2	1.3	00.0-03.1	82	73.5	64.5-82.5	22	20.1	12.1-28.1	5	5.2	00.1-10.3
25-34	247	47,831	8	3.3	00.8-05.8	213	84.8	79.7-89.9	16	6.8	03.5-10.1	10	5.0	01.5-08.5
35-44	315	45,744	3	0.8	00.0-01.8	298	94.2	91.3-97.1	11	4.3	01.6-07.0	3	0.6	00.0-01.4
45-54	378	36,441	5	1.2	00.2-02.2	361	95.9	93.7-98.1	10	2.5	00.7-04.3	2	0.4	00.0-01.2
55-64	486	41,308	2	0.2	00.0-00.6	476	97.9	96.5-99.3	6	1.3	00.1-02.5	2	0.6	00.0-01.4
65+	1195	67,924	8	0.5	00.1-00.9	1160	97.7	96.9-98.5	13	0.8	00.4-01.2	14	1.0	00.4-01.6
Less Than H.S.	62	15,462	1	2.4	00.0-06.9	54	83.0	70.3-95.7	4	7.0	00.0-15.2	3	7.7	00.0-17.5
H.S. or G.E.D.	619	64,731	4	0.6	00.0-01.4	579	89.4	85.7-93.1	28	8.7	05.2-12.2	8	1.2	00.0-02.4
Some Post-H.S.	850	103,223	11	1.4	00.4-02.4	806	91.7	89.0-94.4	21	4.8	02.6-07.0	12	2.1	00.5-03.7
College Graduate	1194	89,187	12	1.2	00.4-02.0	1144	94.6	93.0-96.2	25	2.6	01.4-03.8	13	1.6	00.6-02.6
Less than \$15,000	68	8,590				59	84.3	71.6-97.0	3	3.4	00.0-07.7	6	12.3	00.1-24.5
\$15,000- 24,999	174	19,717	1	0.1	00.0-00.3	155	79.5	69.9-89.1	14	17.7	08.5-26.9	4	2.8	00.0-06.7
\$25,000- 34,999	233	22,962	9	6.0	01.3-10.7	209	83.6	76.3-90.9	7	7.2	01.9-12.5	8	3.3	00.4-06.2
\$35,000- 49,999	313	29,249	2	1.2	00.0-03.0	294	90.3	85.2-95.4	14	7.8	03.1-12.5	3	0.7	00.0-01.5
\$50,000- 99,999	715	70,409	6	0.6	00.0-01.2	683	93.3	90.6-96.0	20	4.4	02.0-06.8	6	1.6	00.2-03.0
\$100,000- 199,999	482	50,550	6	1.2	00.2-02.2	465	94.7	91.4-98.0	9	3.8	00.7-06.9	2	0.3	00.0-00.7
\$200,000+	105	11,914				104	98.9	96.7-0100				1	1.1	00.0-03.3

NOTE:

% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023**  
**MODULE 22: SEXUAL ORIENTATION AND GENDER IDENTITY**  
**TABLE 3: M22.02 Do you consider yourself to be transgender? (TRNSGNDR)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes, Transgender, male-to-female			Yes, Transgender, female to male			Yes, Transgender, gender nonconforming			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5518	576,527	11	0.2	00.0-00.4	4	0.2	00.0-00.4	4	0.1	00.0-00.3	5499	99.5	99.3-99.7
Male	2697	295,538	9	0.4	00.2-00.6	1	0.1	00.0-00.3	2	0.1	00.1-00.1	2685	99.5	99.1-99.9
Female	2821	280,989	2	0.1	00.0-00.3	3	0.3	00.0-00.7	2	0.2	00.0-00.4	2814	99.5	99.1-99.9
Native	152	22,551	1	0.4	00.0-01.2							151	99.6	98.8-0100
Non-Native	5300	546,935	10	0.2	00.0-00.4	4	0.2	00.0-00.4	4	0.1	00.0-00.3	5282	99.5	99.3-99.7
18-24	279	76,713	2	0.6	00.0-01.4	2	0.8	00.0-02.0	1	0.3	00.0-00.9	274	98.3	96.7-99.9
25-34	545	102,169	2	0.3	00.0-00.7	1	0.2	00.0-00.6	1	0.2	00.0-00.6	541	99.4	98.8-0100
35-44	730	100,236	1	0.1	00.0-00.3							729	99.9	99.7-0100
45-54	786	77,637	1	0.1	00.0-00.3				1	0.1	00.0-00.3	784	99.8	99.6-0100
55-64	943	86,492	2	0.3	00.0-00.7							941	99.7	99.3-0100
65+	2235	133,282	3	0.2	00.0-00.4	1	0.1	00.0-00.3	1	0.1	00.0-00.3	2230	99.7	99.3-0100
Less Than H.S.	154	38,075	1	0.5	00.0-01.5							153	99.5	98.5-0100
H.S. or G.E.D.	1390	152,575	4	0.3	00.0-00.7	2	0.4	00.0-01.0	2	0.1	00.0-00.3	1382	99.2	98.6-99.8
Some Post-H.S.	1714	220,840	3	0.2	00.0-00.4				1	0.1	00.0-00.3	1710	99.7	99.3-0100
College Graduate	2246	163,489	3	0.1	00.0-00.3	2	0.2	00.0-00.4	1	0.1	00.0-00.3	2240	99.6	99.2-0100
Less than \$15,000	136	16,552				1	1.1	00.0-03.3				135	98.9	96.7-0100
\$15,000- 24,999	291	33,183	2	0.3	00.0-00.9	1	0.6	00.0-01.8				288	99.0	97.6-0100
\$25,000- 34,999	444	47,325	4	1.4	00.0-02.8	1	0.3	00.0-00.9				439	98.3	96.7-99.9
\$35,000- 49,999	608	58,604	3	0.6	00.0-01.6	1	0.6	00.0-01.8	1	0.1	00.0-00.3	603	98.6	97.0-0100
\$50,000- 99,999	1507	158,395							1	0.1	00.0-00.3	1506	99.9	99.7-0100
\$100,000- 199,999	1119	119,831	2	0.2	00.0-00.6							1117	99.8	99.4-0100
\$200,000+	284	30,925										284	100.0	0100-0100

NOTE:

% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 22: SEXUAL ORIENTATION AND GENDER IDENTITY  
TABLE 5: M22.02 Do you consider yourself to be transgender? (TRNSGNDR)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes, Transgender, male-to-female			Yes, Transgender, female to male			Yes, Transgender, gender nonconforming			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2697	295,538	9	0.4	00.2-00.6	1	0.1	00.0-00.3	2	0.1	00.1-00.1	2685	99.5	99.1-99.9
Native	66	10,282	1	0.8	00.0-02.4							65	99.2	97.6-0100
Non-Native	2594	281,494	8	0.3	00.1-00.5	1	0.1	00.0-00.3	2	0.1	00.1-00.1	2583	99.5	99.1-99.9
18-24	166	42,291	1	0.5	00.0-01.5							165	99.5	98.5-0100
25-34	296	53,994	2	0.6	00.0-01.4	1	0.3	00.0-00.9				293	99.1	98.1-0100
35-44	406	52,438	1	0.1	00.0-00.3							405	99.9	99.7-0100
45-54	403	40,281							1	0.2	00.0-00.6	402	99.8	99.4-0100
55-64	446	44,333	2	0.6	00.0-01.6							444	99.4	98.4-0100
65+	980	62,202	3	0.4	00.0-00.8				1	0.1	00.0-00.3	976	99.5	98.9-0100
Less Than H.S.	87	21,760	1	0.9	00.0-02.7							86	99.1	97.3-0100
H.S. or G.E.D.	742	85,880	3	0.2	00.0-00.6				2	0.2	00.0-00.4	737	99.6	99.2-0100
Some Post-H.S.	831	113,885	3	0.4	00.0-01.0							828	99.6	99.0-0100
College Graduate	1031	72,965	2	0.3	00.0-00.7	1	0.3	00.0-00.9				1028	99.5	98.9-0100
Less than \$15,000	63	6,945				1	2.7	00.0-08.0				62	97.3	92.0-0100
\$15,000- 24,999	111	12,943	2	0.8	00.0-02.2							109	99.2	97.8-0100
\$25,000- 34,999	203	23,888	4	2.7	00.0-05.4							199	97.3	94.6-0100
\$35,000- 49,999	287	29,060	1	0.2	00.0-00.6				1	0.3	00.0-00.9	285	99.6	99.0-0100
\$50,000- 99,999	778	85,918										778	100.0	0100-0100
\$100,000- 199,999	634	68,861	2	0.4	00.0-01.0							632	99.6	99.0-0100
\$200,000+	178	18,858										178	100.0	0100-0100

NOTE:

% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 22: SEXUAL ORIENTATION AND GENDER IDENTITY  
TABLE 6: M22.02 Do you consider yourself to be transgender? (TRNSGNDR)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes, Transgender, male-to-female			Yes, Transgender, female to male			Yes, Transgender, gender nonconforming			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2821	280,989	2	0.1	00.0-00.3	3	0.3	00.0-00.7	2	0.2	00.0-00.4	2814	99.5	99.1-99.9
Native	86	12,269										86	100.0	0100-0100
Non-Native	2706	265,442	2	0.1	00.0-00.3	3	0.3	00.0-00.7	2	0.2	00.0-00.4	2699	99.4	99.0-99.8
18-24	113	34,422	1	0.8	00.0-02.4	2	1.7	00.0-04.1	1	0.7	00.0-02.1	109	96.8	93.7-99.9
25-34	249	48,175							1	0.4	00.0-01.2	248	99.6	98.8-0100
35-44	324	47,798										324	100.0	0100-0100
45-54	383	37,356	1	0.2	00.0-00.6							382	99.8	99.4-0100
55-64	497	42,159										497	100.0	0100-0100
65+	1255	71,080				1	0.2	00.0-00.6				1254	99.8	99.4-0100
Less Than H.S.	67	16,315										67	100.0	0100-0100
H.S. or G.E.D.	648	66,695	1	0.4	00.0-01.2	2	0.9	00.0-02.1				645	98.7	97.1-0100
Some Post-H.S.	883	106,956							1	0.2	00.0-00.6	882	99.8	99.4-0100
College Graduate	1215	90,523	1	0.1	00.0-00.3	1	0.1	00.0-00.3	1	0.2	00.0-00.6	1212	99.6	99.2-0100
Less than \$15,000	73	9,607										73	100.0	0100-0100
\$15,000- 24,999	180	20,240				1	1.0	00.0-03.0				179	99.0	97.0-0100
\$25,000- 34,999	241	23,437				1	0.6	00.0-01.8				240	99.4	98.2-0100
\$35,000- 49,999	321	29,545	2	1.1	00.0-02.9	1	1.3	00.0-03.7				318	97.6	94.7-0100
\$50,000- 99,999	729	72,477							1	0.2	00.0-00.6	728	99.8	99.4-0100
\$100,000- 199,999	485	50,970										485	100.0	0100-0100
\$200,000+	106	12,066										106	100.0	0100-0100

NOTE:

% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023**

**MODULE 28: COVID VACCINATION CONTENTS**

\* NOTE \* \* \* \* \*

**WHEN THE DENOMINATOR IS NOT BASED ON THE TOTAL POPULATION SURVEYED, THE TITLE CONTAINS A DESCRIPTION OF WHAT POPULATION IS EXCLUDED FROM THE DENOMINATOR. IF THE TITLE DOES NOT DESCRIBE THE DENOMINATOR, THE TABLE IS BASED ON ALL RESPONDENTS TO THE STATES SURVEY.**

\* \* \* \* \*

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 28: COVID VACCINATION**

**TABLE 1: HAVE YOU RECEIVED AT LEAST ONE DOSE OF A COVID-19 VACCINATION? (COVIDVA1)  
Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5037	524,889	3837	70.1	68.3-71.9	1200	29.9	28.1-31.7
Male	2470	271,107	1788	65.4	62.9-67.9	682	34.6	32.1-37.1
Female	2567	253,781	2049	75.2	72.8-77.6	518	24.8	22.4-27.2
Native	136	19,990	111	75.7	65.5-85.9	25	24.3	14.1-34.5
Non-Native	4831	497,653	3682	70.1	68.3-71.9	1149	29.9	28.1-31.7
18-24	256	72,088	163	65.2	58.7-71.7	93	34.8	28.3-41.3
25-34	486	92,196	290	57.4	52.3-62.5	196	42.6	37.5-47.7
35-44	647	88,035	415	62.5	58.2-66.8	232	37.5	33.2-41.8
45-54	708	70,899	483	66.1	62.0-70.2	225	33.9	29.8-38.0
55-64	847	76,672	655	76.3	72.6-80.0	192	23.7	20.0-27.4
65+	2093	124,999	1831	86.1	84.1-88.1	262	13.9	11.9-15.9
Less Than H.S.	148	37,283	85	49.5	39.5-59.5	63	50.5	40.5-60.5
H.S. or G.E.D.	1251	135,904	867	64.9	61.6-68.2	384	35.1	31.8-38.4
Some Post-H.S.	1567	202,181	1160	69.7	66.8-72.6	407	30.3	27.4-33.2
College Graduate	2057	147,806	1719	81.1	78.9-83.3	338	18.9	16.7-21.1
Less than \$15,000	132	15,737	91	64.6	52.4-76.8	41	35.4	23.2-47.6
\$15,000- 24,999	268	30,853	197	69.3	61.9-76.7	71	30.7	23.3-38.1
\$25,000- 34,999	420	44,535	320	67.3	60.6-74.0	100	32.7	26.0-39.4
\$35,000- 49,999	573	55,713	453	74.3	69.6-79.0	120	25.7	21.0-30.4
\$50,000- 99,999	1444	150,634	1126	70.8	67.5-74.1	318	29.2	25.9-32.5
\$100,000- 199,999	1066	114,068	780	67.9	64.4-71.4	286	32.1	28.6-35.6
\$200,000+	271	29,188	208	72.6	65.5-79.7	63	27.4	20.3-34.5

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 28: COVID VACCINATION**

**TABLE 2: HAVE YOU RECEIVED AT LEAST ONE DOSE OF A COVID-19 VACCINATION? (COVIDVA1)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2470	271,107	1788	65.4	62.9-67.9	682	34.6	32.1-37.1
Native	63	9,856	50	72.0	56.3-87.7	13	28.0	12.3-43.7
Non-Native	2367	257,249	1713	65.3	62.8-67.8	654	34.7	32.2-37.2
18-24	152	39,537	83	55.3	46.5-64.1	69	44.7	35.9-53.5
25-34	268	50,008	148	51.8	44.9-58.7	120	48.2	41.3-55.1
35-44	359	45,391	220	57.2	51.3-63.1	139	42.8	36.9-48.7
45-54	361	36,859	232	62.9	57.2-68.6	129	37.1	31.4-42.8
55-64	405	40,506	300	73.6	68.3-78.9	105	26.4	21.1-31.7
65+	925	58,805	805	85.8	83.1-88.5	120	14.2	11.5-16.9
Less Than H.S.	82	20,963	47	44.7	31.8-57.6	35	55.3	42.4-68.2
H.S. or G.E.D.	672	77,828	438	61.0	56.5-65.5	234	39.0	34.5-43.5
Some Post-H.S.	770	105,629	536	64.8	60.7-68.9	234	35.2	31.1-39.3
College Graduate	939	65,463	766	79.2	76.1-82.3	173	20.8	17.7-23.9
Less than \$15,000	62	6,868	40	55.6	38.9-72.3	22	44.4	27.7-61.1
\$15,000- 24,999	97	11,523	73	70.4	57.5-83.3	24	29.6	16.7-42.5
\$25,000- 34,999	189	22,210	143	65.2	55.6-74.8	46	34.8	25.2-44.4
\$35,000- 49,999	267	27,021	209	72.7	65.8-79.6	58	27.3	20.4-34.2
\$50,000- 99,999	743	81,858	547	65.0	60.3-69.7	196	35.0	30.3-39.7
\$100,000- 199,999	609	66,274	423	63.8	59.1-68.5	186	36.2	31.5-40.9
\$200,000+	168	17,319	118	60.7	51.1-70.3	50	39.3	29.7-48.9

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 28: COVID VACCINATION**

**TABLE 3: HAVE YOU RECEIVED AT LEAST ONE DOSE OF A COVID-19 VACCINATION? (COVIDVA1)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2567	253,781	2049	75.2	72.8-77.6	518	24.8	22.4-27.2
Native	73	10,134	61	79.3	67.0-91.6	12	20.7	08.4-33.0
Non-Native	2464	240,404	1969	75.4	73.0-77.8	495	24.6	22.2-27.0
18-24	104	32,551	80	77.2	68.4-86.0	24	22.8	14.0-31.6
25-34	218	42,188	142	64.0	56.7-71.3	76	36.0	28.7-43.3
35-44	288	42,643	195	68.2	62.1-74.3	93	31.8	25.7-37.9
45-54	347	34,039	251	69.6	63.9-75.3	96	30.4	24.7-36.1
55-64	442	36,166	355	79.2	74.3-84.1	87	20.8	15.9-25.7
65+	1168	66,194	1026	86.4	83.9-88.9	142	13.6	11.1-16.1
Less Than H.S.	66	16,320	38	55.6	40.9-70.3	28	44.4	29.7-59.1
H.S. or G.E.D.	579	58,076	429	70.1	65.0-75.2	150	29.9	24.8-35.0
Some Post-H.S.	797	96,552	624	75.1	71.2-79.0	173	24.9	21.0-28.8
College Graduate	1118	82,343	953	82.6	79.9-85.3	165	17.4	14.7-20.1
Less than \$15,000	70	8,869	51	71.7	55.8-87.6	19	28.3	12.4-44.2
\$15,000- 24,999	171	19,329	124	68.7	59.7-77.7	47	31.3	22.3-40.3
\$25,000- 34,999	231	22,325	177	69.4	60.4-78.4	54	30.6	21.6-39.6
\$35,000- 49,999	306	28,692	244	75.8	69.5-82.1	62	24.2	17.9-30.5
\$50,000- 99,999	701	68,776	579	77.7	73.6-81.8	122	22.3	18.2-26.4
\$100,000- 199,999	457	47,794	357	73.7	68.6-78.8	100	26.3	21.2-31.4
\$200,000+	103	11,868	90	90.0	83.7-96.3	13	10.0	03.7-16.3

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 28: COVID VACCINATION**

**TABLE 4: WOULD YOU SAY YOU WILL DEFINITELY GET A VACCINE, WILL PROBABLY GET A VACCINE, WILL PROBABLY NOT GET A VACCINE, WILL DEFINITELY NOT GET A VACCINE, OR ARE YOU NOT SURE? (COVACGE1)**

Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Will definitely get a vaccine			Will probably get a vaccine			Will probably not get a vaccine			Will definitely not get a vaccine		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	1092	138,685	11	1.3	00.1-02.5	11	1.4	00.2-02.6	186	18.9	16.0-21.8	884	78.4	75.3-81.5
Male	622	82,486	7	1.9	00.1-03.7	9	2.3	00.5-04.1	126	22.6	18.5-26.7	480	73.3	68.8-77.8
Female	470	56,199	4	0.5	00.0-01.1	2	0.2	00.0-00.4	60	13.4	09.9-16.9	404	85.9	82.2-89.6
Non-Native	1046	131,921	10	1.3	00.1-02.5	11	1.5	00.3-02.7	179	18.9	16.0-21.8	846	78.3	75.2-81.4
18-24	72	18,270	1	3.5	00.0-10.2	2	3.2	00.0-07.7	27	35.8	24.0-47.6	42	57.5	45.2-69.8
25-34	174	35,143	1	0.3	00.0-00.9	2	2.2	00.0-05.5	43	22.5	15.8-29.2	128	75.0	67.9-82.1
35-44	213	29,964	2	1.0	00.0-02.4	3	1.0	00.0-02.4	35	15.8	10.7-20.9	173	82.2	76.7-87.7
45-54	211	22,331				1	0.7	00.0-02.1	32	13.9	09.0-18.8	178	85.5	80.6-90.4
55-64	180	17,140	2	2.9	00.0-07.6	1	0.2	00.0-00.6	26	14.0	07.7-20.3	151	82.9	75.5-90.3
65+	242	15,836	5	2.0	00.0-04.0	2	0.6	00.0-01.6	23	9.5	05.2-13.8	212	87.9	83.2-92.6
Less Than H.S.	52	14,839	2	6.9	00.0-16.3	1	3.7	00.0-11.0	7	12.2	02.4-22.0	42	77.1	63.2-91.0
H.S. or G.E.D.	348	43,072	3	0.9	00.0-01.9	3	1.5	00.0-03.5	63	21.5	16.2-26.8	279	76.1	70.6-81.6
Some Post-H.S.	377	55,136	2	0.3	00.0-00.7	3	0.8	00.0-01.8	64	18.3	13.6-23.0	308	80.6	75.9-85.3
College Graduate	309	25,212	4	1.1	00.0-02.3	4	1.3	00.0-02.7	51	19.8	14.5-25.1	250	77.8	72.3-83.3
\$15,000- 24,999	62	7,741	1	1.5	00.0-04.2	2	3.1	00.0-08.4	9	19.9	07.0-32.8	50	75.6	61.9-89.3
\$25,000- 34,999	89	12,693	2	1.2	00.0-03.2	3	5.5	00.0-13.9	18	22.4	11.6-33.2	66	71.0	58.5-83.5
\$35,000- 49,999	106	12,484	1	0.6	00.0-01.8				24	22.1	13.1-31.1	81	77.2	68.0-86.4
\$50,000- 99,999	284	37,082	3	1.8	00.0-04.2	3	0.7	00.0-01.7	52	19.5	14.0-25.0	226	78.0	72.1-83.9
\$100,000- 199,999	272	34,151	1	0.2	00.0-00.6	2	1.2	00.0-02.8	41	16.4	11.3-21.5	228	82.3	77.0-87.6
\$200,000+	60	7,273							10	16.4	06.0-26.8	50	83.6	73.2-94.0

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 28: COVID VACCINATION**

**TABLE 5: WOULD YOU SAY YOU WILL DEFINITELY GET A VACCINE, WILL PROBABLY GET A VACCINE, WILL PROBABLY NOT GET A VACCINE, WILL DEFINITELY NOT GET A VACCINE, OR ARE YOU NOT SURE? (COVACGE1)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Will definitely get a vaccine			Will probably get a vaccine			Will probably not get a vaccine			Will definitely not get a vaccine		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	622	82,486	7	1.9	00.1-03.7	9	2.3	00.5-04.1	126	22.6	18.5-26.7	480	73.3	68.8-77.8
Non-Native	599	79,579	6	1.8	00.0-03.8	9	2.3	00.3-04.3	122	22.5	18.4-26.6	462	73.3	68.8-77.8
18-24	53	12,937	1	4.9	00.0-14.1	2	4.5	00.0-10.8	23	42.8	28.5-57.1	27	47.8	33.3-62.3
25-34	109	21,729				2	3.6	00.0-08.9	30	27.9	18.5-37.3	77	68.4	58.4-78.4
35-44	125	17,180	2	1.7	00.0-04.1	2	1.4	00.0-03.6	21	15.2	08.7-21.7	100	81.8	74.7-88.9
45-54	122	12,687				1	1.2	00.0-03.6	18	15.4	08.5-22.3	103	83.4	76.1-90.7
55-64	98	10,031	2	5.0	00.0-12.8	1	0.3	00.0-00.9	16	14.3	06.1-22.5	79	80.4	69.8-91.0
65+	115	7,923	2	1.6	00.0-04.5	1	0.9	00.0-02.7	18	13.2	06.5-19.9	94	84.3	77.0-91.6
H.S. or G.E.D.	209	27,178	3	1.4	00.0-03.0	3	2.4	00.0-05.5	46	24.9	17.8-32.0	157	71.2	63.8-78.6
Some Post-H.S.	217	33,443	1	0.3	00.0-00.9	2	1.2	00.0-03.0	46	22.8	16.1-29.5	168	75.7	69.0-82.4
College Graduate	163	12,624	1	0.1	00.0-00.3	3	2.0	00.0-04.5	27	21.1	13.3-28.9	132	76.9	68.9-84.9
\$35,000- 49,999	50	6,094							17	31.7	16.8-46.6	33	68.3	53.4-83.2
\$50,000- 99,999	179	24,645	3	2.8	00.0-06.3	3	1.0	00.0-02.4	35	21.9	14.5-29.3	138	74.3	66.3-82.3
\$100,000- 199,999	175	21,961				2	1.8	00.0-04.3	27	17.6	10.7-24.5	146	80.6	73.5-87.7

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 28: COVID VACCINATION**

**TABLE 6: WOULD YOU SAY YOU WILL DEFINITELY GET A VACCINE, WILL PROBABLY GET A VACCINE, WILL PROBABLY NOT GET A VACCINE, WILL DEFINITELY NOT GET A VACCINE, OR ARE YOU NOT SURE? (COVACGE1)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Will definitely get a vaccine			Will probably get a vaccine			Will probably not get a vaccine			Will definitely not get a vaccine		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	470	56,199	4	0.5	00.0-01.1	2	0.2	00.0-00.4	60	13.4	09.9-16.9	404	85.9	82.2-89.6
Non-Native	447	52,341	4	0.6	00.0-01.2	2	0.2	00.0-00.4	57	13.4	09.7-17.1	384	85.9	82.2-89.6
25-34	65	13,414	1	0.8	00.0-02.4				13	13.7	06.3-21.1	51	85.5	77.9-93.1
35-44	88	12,785				1	0.5	00.0-01.5	14	16.6	08.2-25.0	73	82.9	74.5-91.3
45-54	89	9,644							14	11.9	05.4-18.4	75	88.1	81.6-94.6
55-64	82	7,109							10	13.6	04.0-23.2	72	86.4	76.8-96.0
65+	127	7,914	3	2.4	00.0-05.1	1	0.4	00.0-01.2	5	5.7	00.4-11.0	118	91.5	85.6-97.4
H.S. or G.E.D.	139	15,894							17	15.6	08.0-23.2	122	84.4	76.8-92.0
Some Post-H.S.	160	21,693	1	0.2	00.0-00.6	1	0.1	00.0-00.3	18	11.3	05.8-16.8	140	88.3	82.8-93.8
College Graduate	146	12,588	3	2.1	00.0-04.5	1	0.5	00.0-01.5	24	18.6	11.3-25.9	118	78.8	71.4-86.2
\$35,000- 49,999	56	6,390	1	1.2	00.0-03.6				7	13.0	03.4-22.6	48	85.7	75.9-95.5
\$50,000- 99,999	105	12,437							17	14.6	07.5-21.7	88	85.4	78.3-92.5
\$100,000- 199,999	97	12,191	1	0.6	00.0-01.8				14	14.1	06.5-21.7	82	85.3	77.7-92.9

NOTE:

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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 28: COVID VACCINATION**

**TABLE 7: HOW MANY COVID-19 VACCINATIONS HAVE YOU RECEIVED? (COVIDNU2)  
Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		One			Two			Three			Four			Five or more		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	3766	362,079	325	10.8	09.4-12.2	1155	34.0	32.0-36.0	1320	35.4	33.4-37.4	665	14.3	12.9-15.7	301	5.5	04.7-06.3
Male	1759	174,550	183	13.0	10.8-15.2	577	36.4	33.5-39.3	581	32.5	29.8-35.2	304	13.8	12.0-15.6	114	4.4	03.4-05.4
Female	2007	187,530	142	8.8	06.8-10.8	578	31.8	29.1-34.5	739	38.0	35.1-40.9	361	14.8	12.8-16.8	187	6.6	05.4-07.8
Native	111	15,130	14	14.4	06.2-22.6	30	26.5	16.3-36.7	39	37.0	24.5-49.5	21	16.3	07.3-25.3	7	5.9	00.0-11.8
Non-Native	3615	343,530	308	10.7	09.3-12.1	1112	34.4	32.2-36.6	1268	35.3	33.3-37.3	637	14.2	12.8-15.6	290	5.4	04.6-06.2
18-24	162	46,680	27	17.1	10.6-23.6	74	46.2	37.6-54.8	52	32.0	24.0-40.0	8	3.9	01.2-06.6	1	0.8	00.0-02.4
25-34	285	51,801	39	14.2	09.7-18.7	108	36.9	30.6-43.2	102	37.6	31.1-44.1	34	10.9	07.2-14.6	2	0.5	00.0-01.3
35-44	413	54,766	53	13.9	10.0-17.8	175	40.2	34.9-45.5	129	33.5	28.0-39.0	46	9.8	06.7-12.9	10	2.6	00.6-04.6
45-54	478	45,961	59	12.9	09.6-16.2	179	37.0	32.1-41.9	167	35.8	30.9-40.7	49	9.3	06.4-12.2	24	5.0	02.8-07.2
55-64	651	58,220	56	8.5	06.0-11.0	210	32.3	28.2-36.4	233	36.1	31.8-40.4	105	15.9	12.6-19.2	47	7.2	04.8-09.6
65+	1777	104,652	91	5.1	03.9-06.3	409	23.5	21.1-25.9	637	36.1	33.4-38.8	423	24.4	22.0-26.8	217	11.0	09.2-12.8
Less Than H.S.	82	17,822	11	17.9	06.7-29.1	23	29.5	16.8-42.2	32	38.3	24.6-52.0	14	12.4	05.5-19.3	2	1.9	00.0-04.6
H.S. or G.E.D.	846	86,901	89	12.8	09.7-15.9	288	38.6	34.1-43.1	283	31.8	27.7-35.9	125	11.3	08.9-13.7	61	5.5	03.7-07.3
Some Post-H.S.	1136	138,255	113	12.0	09.5-14.5	341	33.3	29.8-36.8	417	36.8	33.3-40.3	192	13.6	11.4-15.8	73	4.3	03.1-05.5
College Graduate	1696	118,619	112	6.9	05.5-08.3	500	32.1	29.4-34.8	588	36.0	33.3-38.7	331	17.6	15.4-19.8	165	7.4	06.0-08.8
Less than \$15,000	89	10,123	10	12.6	04.0-21.2	31	27.4	15.4-39.4	34	47.8	32.1-63.5	11	7.3	00.8-13.8	3	4.8	00.0-12.8
\$15,000- 24,999	195	21,338	17	14.4	06.2-22.6	60	32.2	23.4-41.0	69	34.0	25.2-42.8	34	14.7	08.8-20.6	15	4.7	01.8-07.6
\$25,000- 34,999	311	29,608	31	12.1	07.2-17.0	96	35.5	28.2-42.8	102	33.5	26.4-40.6	57	14.9	09.8-20.0	25	4.0	02.2-05.8
\$35,000- 49,999	441	40,588	32	11.9	07.0-16.8	139	33.7	27.8-39.6	138	29.5	24.2-34.8	95	18.4	13.9-22.9	37	6.6	04.1-09.1
\$50,000- 99,999	1110	104,789	93	9.8	07.4-12.2	304	31.0	27.5-34.5	412	38.1	34.4-41.8	210	15.4	13.0-17.8	91	5.6	04.2-07.0
\$100,000- 199,999	775	76,821	64	9.9	07.2-12.6	256	36.2	31.9-40.5	267	35.7	31.4-40.0	121	12.1	09.7-14.5	67	6.1	04.3-07.9
\$200,000+	207	21,130	18	8.2	04.1-12.3	74	42.5	33.5-51.5	78	35.3	27.1-43.5	27	11.5	06.8-16.2	10	2.4	00.8-04.0

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 28: COVID VACCINATION**

**TABLE 8: HOW MANY COVID-19 VACCINATIONS HAVE YOU RECEIVED? (COVIDNU2)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		One			Two			Three			Four			Five or more		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	1759	174,550	183	13.0	10.8-15.2	577	36.4	33.5-39.3	581	32.5	29.8-35.2	304	13.8	12.0-15.6	114	4.4	03.4-05.4
Native	50	7,095	8	19.5	06.0-33.0	15	27.6	13.3-41.9	20	38.0	22.1-53.9	6	12.2	01.2-23.2	1	2.7	00.0-08.0
Non-Native	1685	165,375	174	12.8	10.6-15.0	553	36.8	33.9-39.7	553	32.3	29.6-35.0	293	13.7	11.9-15.5	112	4.4	03.4-05.4
18-24	83	21,869	16	20.0	10.4-29.6	41	50.6	38.4-62.8	21	24.3	13.9-34.7	5	5.1	00.6-09.6			
25-34	145	25,560	25	16.5	10.0-23.0	60	41.1	32.5-49.7	51	37.7	28.9-46.5	9	4.8	01.7-07.9			
35-44	219	25,820	39	19.4	13.3-25.5	90	41.4	34.1-48.7	65	29.0	22.5-35.5	21	8.9	05.0-12.8	4	1.2	00.0-02.4
45-54	228	22,388	40	17.7	12.2-23.2	90	38.1	31.0-45.2	70	33.5	26.4-40.6	22	8.3	04.4-12.2	6	2.4	00.2-04.6
55-64	300	29,814	26	9.2	05.1-13.3	106	35.7	29.4-42.0	100	33.4	27.3-39.5	46	14.0	09.7-18.3	22	7.6	04.1-11.1
65+	784	49,098	37	5.0	03.2-06.8	190	24.5	21.0-28.0	274	34.1	30.2-38.0	201	27.4	23.5-31.3	82	9.1	06.9-11.3
H.S. or G.E.D.	431	47,040	53	14.6	10.1-19.1	149	38.5	32.6-44.4	140	30.6	25.3-35.9	65	11.9	08.6-15.2	24	4.5	02.3-06.7
Some Post-H.S.	526	67,273	60	14.4	10.7-18.1	171	35.2	30.3-40.1	181	34.2	29.3-39.1	85	12.9	10.0-15.8	29	3.3	01.9-04.7
College Graduate	757	51,371	63	9.0	06.6-11.4	242	35.5	31.6-39.4	247	32.9	29.0-36.8	146	16.9	14.0-19.8	59	5.8	04.0-07.6
\$15,000- 24,999	73	8,110	10	20.2	05.7-34.7	26	30.0	17.5-42.5	27	37.9	24.0-51.8	7	8.2	01.1-15.3	3	3.8	00.0-08.7
\$25,000- 34,999	139	14,279	15	13.8	06.5-21.1	41	35.7	25.5-45.9	47	34.0	23.6-44.4	23	12.2	06.5-17.9	13	4.3	01.6-07.0
\$35,000- 49,999	202	19,014	18	12.8	06.7-18.9	64	32.5	24.3-40.7	57	28.1	20.5-35.7	47	20.1	13.4-26.8	16	6.5	02.8-10.2
\$50,000- 99,999	540	52,481	59	11.9	08.4-15.4	156	34.5	29.2-39.8	181	33.2	28.3-38.1	111	16.2	12.9-19.5	33	4.2	02.4-06.0
\$100,000- 199,999	421	41,860	43	11.8	08.1-15.5	153	39.6	33.9-45.3	134	31.7	26.2-37.2	59	11.3	08.2-14.4	32	5.5	03.1-07.9
\$200,000+	117	10,447	12	13.1	05.8-20.4	39	35.4	24.8-46.0	45	37.4	26.6-48.2	16	12.1	05.6-18.6	5	2.0	00.0-04.0

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 28: COVID VACCINATION**

**TABLE 9: HOW MANY COVID-19 VACCINATIONS HAVE YOU RECEIVED? (COVIDNU2)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		One			Two			Three			Four			Five or more		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2007	187,530	142	8.8	06.8-10.8	578	31.8	29.1-34.5	739	38.0	35.1-40.9	361	14.8	12.8-16.8	187	6.6	05.4-07.8
Native	61	8,035	6	9.9	00.9-18.9	15	25.5	11.2-39.8	19	36.1	17.1-55.1	15	19.9	06.2-33.6	6	8.7	00.0-18.5
Non-Native	1930	178,155	134	8.7	06.7-10.7	559	32.2	29.3-35.1	715	38.1	35.2-41.0	344	14.6	12.6-16.6	178	6.4	05.2-07.6
18-24	79	24,811	11	14.6	05.8-23.4	33	42.2	30.4-54.0	31	38.8	27.2-50.4	3	2.8	00.0-06.1	1	1.5	00.0-04.4
25-34	140	26,241	14	11.9	05.8-18.0	48	32.8	24.0-41.6	51	37.4	28.0-46.8	25	16.8	10.1-23.5	2	1.0	00.0-02.4
35-44	194	28,946	14	9.0	03.9-14.1	85	39.2	31.4-47.0	64	37.5	29.1-45.9	25	10.5	05.6-15.4	6	3.8	00.3-07.3
45-54	250	23,573	19	8.4	04.3-12.5	89	35.9	28.8-43.0	97	38.0	31.1-44.9	27	10.3	06.0-14.6	18	7.4	03.7-11.1
55-64	351	28,405	30	7.8	04.7-10.9	104	28.7	23.2-34.2	133	38.9	32.8-45.0	59	18.0	12.9-23.1	25	6.6	03.9-09.3
65+	993	55,554	54	5.2	03.4-07.0	219	22.6	19.5-25.7	363	37.9	34.2-41.6	222	21.7	18.6-24.8	135	12.6	10.2-15.0
H.S. or G.E.D.	415	39,861	36	10.8	06.5-15.1	139	38.7	32.0-45.4	143	33.2	26.9-39.5	60	10.5	06.8-14.2	37	6.8	03.9-09.7
Some Post-H.S.	610	70,982	53	9.8	06.7-12.9	170	31.4	26.5-36.3	236	39.2	34.1-44.3	107	14.2	11.1-17.3	44	5.4	03.4-07.4
College Graduate	939	67,248	49	5.3	03.5-07.1	258	29.5	26.0-33.0	341	38.4	34.5-42.3	185	18.2	15.3-21.1	106	8.7	06.7-10.7
Less than \$15,000	50	6,324	5	8.7	00.0-18.3	16	20.2	05.5-34.9	20	55.8	34.4-77.2	6	7.6	00.0-16.6	3	7.8	00.0-20.3
\$15,000- 24,999	122	13,228	7	10.9	01.1-20.7	34	33.5	21.5-45.5	42	31.6	20.4-42.8	27	18.7	10.3-27.1	12	5.3	01.6-09.0
\$25,000- 34,999	172	15,328	16	10.5	03.8-17.2	55	35.3	24.9-45.7	55	33.1	23.7-42.5	34	17.4	09.2-25.6	12	3.7	01.2-06.2
\$35,000- 49,999	239	21,574	14	11.1	03.7-18.5	75	34.7	26.5-42.9	81	30.7	23.3-38.1	48	16.8	10.9-22.7	21	6.7	03.4-10.0
\$50,000- 99,999	570	52,308	34	7.7	04.6-10.8	148	27.6	22.9-32.3	231	43.0	37.5-48.5	99	14.7	11.2-18.2	58	7.1	04.9-09.3
\$100,000- 199,999	354	34,961	21	7.7	03.8-11.6	103	32.1	25.6-38.6	133	40.4	33.9-46.9	62	13.1	09.4-16.8	35	6.7	04.2-09.2
\$200,000+	90	10,683	6	3.5	00.2-06.8	35	49.5	35.8-63.2	33	33.3	20.8-45.8	11	11.0	04.3-17.7	5	2.7	00.2-05.2

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023**

**MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY CONTENTS**

\* NOTE \*\*\*\*\*

**WHEN THE DENOMINATOR IS NOT BASED ON THE TOTAL POPULATION SURVEYED, THE TITLE CONTAINS A DESCRIPTION OF WHAT POPULATION IS EXCLUDED FROM THE DENOMINATOR. IF THE TITLE DOES NOT DESCRIBE THE DENOMINATOR, THE TABLE IS BASED ON ALL RESPONDENTS TO THE STATES SURVEY.**

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023**

**MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY CONTENTS**

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023**  
**MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**  
**TABLE 1: IN GENERAL, HOW SATISFIED ARE YOU WITH YOUR LIFE? (LSATISFY)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Very Satisfied			Satisfied			Dissatisfied			Very dissatisfied		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5002	522,239	2310	43.6	41.8-45.4	2466	51.1	49.3-52.9	184	4.3	03.5-05.1	42	1.0	00.6-01.4
Male	2445	269,134	1107	42.0	39.5-44.5	1215	52.3	49.8-54.8	99	4.5	03.3-05.7	24	1.1	00.5-01.7
Female	2557	253,105	1203	45.2	42.7-47.7	1251	49.7	47.2-52.2	85	4.1	02.9-05.3	18	0.9	00.3-01.5
Native	133	19,500	57	42.2	30.8-53.6	71	53.8	42.4-65.2	3	2.7	00.0-06.2	2	1.4	00.0-03.4
Non-Native	4801	495,631	2228	43.7	41.9-45.5	2355	50.9	49.1-52.7	178	4.4	03.6-05.2	40	1.0	00.6-01.4
18-24	255	71,706	73	27.4	21.5-33.3	161	63.6	57.1-70.1	17	6.8	03.3-10.3	4	2.2	00.0-04.6
25-34	484	91,669	204	41.4	36.5-46.3	257	53.5	48.4-58.6	18	4.1	02.1-06.1	5	1.0	00.2-01.8
35-44	648	88,277	306	48.6	44.3-52.9	314	47.1	42.8-51.4	21	3.4	01.8-05.0	7	0.9	00.3-01.5
45-54	699	69,985	289	40.9	36.8-45.0	374	54.1	49.8-58.4	30	4.3	02.7-05.9	6	0.7	00.1-01.3
55-64	837	76,072	403	48.7	44.6-52.8	389	44.8	40.9-48.7	34	5.0	02.8-07.2	11	1.5	00.5-02.5
65+	2079	124,530	1035	49.2	46.7-51.7	971	47.0	44.5-49.5	64	3.4	02.4-04.4	9	0.4	00.2-00.6
Less Than H.S.	146	36,828	45	29.9	20.9-38.9	87	57.5	47.5-67.5	11	9.0	02.9-15.1	3	3.6	00.0-07.9
H.S. or G.E.D.	1234	134,568	461	37.7	34.2-41.2	702	56.4	52.9-59.9	55	4.7	03.3-06.1	16	1.1	00.5-01.7
Some Post-H.S.	1556	200,728	692	43.6	40.7-46.5	784	50.7	47.6-53.8	65	4.7	03.3-06.1	15	1.0	00.4-01.6
College Graduate	2052	148,401	1107	52.4	49.9-54.9	884	44.9	42.4-47.4	53	2.4	01.6-03.2	8	0.3	00.1-00.5
Less than \$15,000	130	15,626	29	30.4	17.1-43.7	81	51.9	39.2-64.6	15	11.8	04.4-19.2	5	5.9	00.0-13.7
\$15,000- 24,999	267	30,432	56	20.2	13.5-26.9	174	63.7	55.9-71.5	27	11.2	06.3-16.1	10	4.9	00.8-09.0
\$25,000- 34,999	415	44,163	133	25.0	19.7-30.3	253	65.7	59.6-71.8	26	8.7	04.8-12.6	3	0.5	00.0-01.1
\$35,000- 49,999	569	55,428	235	38.4	33.3-43.5	301	54.0	48.7-59.3	30	7.0	03.5-10.5	3	0.6	00.0-01.4
\$50,000- 99,999	1426	149,081	674	45.1	41.8-48.4	703	51.2	47.9-54.5	43	3.2	02.0-04.4	6	0.5	00.1-00.9
\$100,000- 199,999	1061	113,601	607	55.6	51.9-59.3	438	42.8	39.1-46.5	9	0.8	00.2-01.4	7	0.8	00.2-01.4
\$200,000+	271	29,322	175	66.2	59.3-73.1	93	33.0	26.1-39.9	3	0.8	00.0-01.8			

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 2: IN GENERAL, HOW SATISFIED ARE YOU WITH YOUR LIFE? (LSATISFY)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Very Satisfied			Satisfied			Dissatisfied			Very dissatisfied		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2445	269,134	1107	42.0	39.5-44.5	1215	52.3	49.8-54.8	99	4.5	03.3-05.7	24	1.1	00.5-01.7
Native	62	9,777	26	42.4	26.9-57.9	34	55.0	39.5-70.5	1	1.0	00.0-03.0	1	1.5	00.0-04.4
Non-Native	2344	255,430	1064	42.1	39.6-44.6	1161	52.1	49.6-54.6	96	4.7	03.5-05.9	23	1.1	00.5-01.7
18-24	151	39,149	42	26.4	18.8-34.0	94	63.0	54.4-71.6	12	8.1	03.2-13.0	3	2.6	00.0-05.9
25-34	267	49,637	109	40.8	34.1-47.5	144	54.6	47.9-61.3	11	3.6	01.4-05.8	3	1.0	00.0-02.2
35-44	359	45,641	163	45.3	39.6-51.0	181	50.9	45.2-56.6	12	3.2	01.4-05.0	3	0.6	00.0-01.4
45-54	355	36,325	139	37.7	32.0-43.4	198	57.4	51.5-63.3	14	4.0	01.8-06.2	4	0.9	00.0-01.9
55-64	399	40,159	187	48.7	42.8-54.6	188	44.4	38.7-50.1	17	5.2	01.9-08.5	7	1.6	00.4-02.8
65+	914	58,223	467	49.2	45.3-53.1	410	46.7	42.8-50.6	33	3.8	02.2-05.4	4	0.3	00.0-00.7
Less Than H.S.	80	20,508	18	21.2	10.8-31.6	55	69.2	57.0-81.4	5	5.8	00.0-11.9	2	3.8	00.0-09.9
H.S. or G.E.D.	659	76,659	242	37.2	32.7-41.7	375	56.7	52.2-61.2	33	4.9	03.1-06.7	9	1.2	00.4-02.0
Some Post-H.S.	766	105,145	329	43.0	38.9-47.1	393	50.9	46.8-55.0	36	5.2	03.0-07.4	8	1.0	00.2-01.8
College Graduate	933	65,598	516	53.3	49.6-57.0	387	43.6	39.9-47.3	25	2.7	01.5-03.9	5	0.4	00.0-00.8
Less than \$15,000	60	6,757	14	16.5	06.7-26.3	36	61.9	45.2-78.6	7	10.1	01.9-18.3	3	11.5	00.0-28.4
\$15,000- 24,999	97	11,511	18	19.4	07.4-31.4	60	61.7	48.8-74.6	14	14.4	06.2-22.6	5	4.5	00.4-08.6
\$25,000- 34,999	186	21,973	51	21.4	14.1-28.7	116	66.2	57.4-75.0	17	11.7	05.2-18.2	2	0.7	00.0-01.9
\$35,000- 49,999	263	26,766	103	37.6	30.3-44.9	141	56.2	48.8-63.6	18	6.0	02.5-09.5	1	0.2	00.0-00.6
\$50,000- 99,999	731	80,761	326	42.8	38.3-47.3	382	54.0	49.5-58.5	21	2.9	01.5-04.3	2	0.4	00.0-01.0
\$100,000- 199,999	607	65,998	323	50.3	45.6-55.0	272	47.3	42.4-52.2	6	1.2	00.0-02.4	6	1.2	00.2-02.2
\$200,000+	167	17,369	112	65.7	56.5-74.9	54	33.8	24.6-43.0	1	0.4	00.0-01.2			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 3: IN GENERAL, HOW SATISFIED ARE YOU WITH YOUR LIFE? (LSATISFY)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Very Satisfied			Satisfied			Dissatisfied			Very dissatisfied		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2557	253,105	1203	45.2	42.7-47.7	1251	49.7	47.2-52.2	85	4.1	02.9-05.3	18	0.9	00.3-01.5
Native	71	9,723	31	41.9	25.2-58.6	37	52.5	36.0-69.0	2	4.3	00.0-10.8	1	1.3	00.0-03.8
Non-Native	2457	240,201	1164	45.4	42.9-47.9	1194	49.5	46.8-52.2	82	4.2	03.0-05.4	17	0.9	00.3-01.5
18-24	104	32,557	31	28.6	19.2-38.0	67	64.5	54.5-74.5	5	5.2	00.1-10.3	1	1.7	00.0-05.0
25-34	217	42,032	95	42.2	34.8-49.6	113	52.2	44.6-59.8	7	4.7	01.0-08.4	2	1.0	00.0-02.4
35-44	289	42,636	143	52.2	45.5-58.9	133	43.1	36.6-49.6	9	3.6	00.9-06.3	4	1.1	00.0-02.3
45-54	344	33,660	150	44.4	38.3-50.5	176	50.5	44.4-56.6	16	4.6	02.1-07.1	2	0.5	00.0-01.1
55-64	438	35,913	216	48.7	43.0-54.4	201	45.1	39.6-50.6	17	4.7	02.2-07.2	4	1.5	00.0-03.3
65+	1165	66,307	568	49.2	45.7-52.7	561	47.3	43.8-50.8	31	3.1	01.7-04.5	5	0.4	00.0-00.8
Less Than H.S.	66	16,320	27	40.8	25.9-55.7	32	42.8	28.3-57.3	6	13.0	02.0-24.0	1	3.3	00.0-09.8
H.S. or G.E.D.	575	57,909	219	38.5	33.0-44.0	327	56.1	50.6-61.6	22	4.4	02.2-06.6	7	1.0	00.0-02.0
Some Post-H.S.	790	95,584	363	44.3	39.8-48.8	391	50.5	46.0-55.0	29	4.2	02.2-06.2	7	1.0	00.2-01.8
College Graduate	1119	82,802	591	51.7	48.2-55.2	497	45.9	42.4-49.4	28	2.1	01.1-03.1	3	0.3	00.0-00.7
Less than \$15,000	70	8,869	15	41.0	21.2-60.8	45	44.3	27.1-61.5	8	13.1	01.5-24.7	2	1.6	00.0-03.8
\$15,000- 24,999	170	18,922	38	20.7	12.9-28.5	114	64.9	55.1-74.7	13	9.3	03.4-15.2	5	5.1	00.0-11.2
\$25,000- 34,999	229	22,190	82	28.6	21.0-36.2	137	65.3	57.1-73.5	9	5.8	01.3-10.3	1	0.3	00.0-00.9
\$35,000- 49,999	306	28,663	132	39.1	32.0-46.2	160	51.9	44.5-59.3	12	8.0	02.3-13.7	2	1.0	00.0-02.4
\$50,000- 99,999	695	68,320	348	47.8	42.9-52.7	321	48.0	43.1-52.9	22	3.7	01.7-05.7	4	0.5	00.0-01.1
\$100,000- 199,999	454	47,603	284	62.9	57.2-68.6	166	36.5	31.0-42.0	3	0.4	00.0-00.8	1	0.2	00.0-00.6
\$200,000+	104	11,953	63	66.8	56.2-77.4	39	31.7	21.3-42.1	2	1.5	00.0-03.7			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023**  
**MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**  
**TABLE 4: HOW OFTEN DO YOU GET THE SOCIAL AND EMOTIONAL SUPPORT YOU NEED? (EMTSUPRT)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Always						Usually			Sometimes			Rarely			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)			
TOTAL	4951	518,719	2430	47.4	45.6-49.2	1647	33.2	31.4-35.0	511	11.3	10.1-12.5	170	3.9	03.1-04.7	193	4.1	03.3-04.9			
Male	2421	267,125	1145	45.8	43.3-48.3	747	30.5	28.1-32.9	269	12.5	10.7-14.3	107	4.7	03.5-05.9	153	6.5	05.1-07.9			
Female	2530	251,594	1285	49.2	46.7-51.7	900	36.1	33.6-38.6	242	10.1	08.5-11.7	63	3.0	02.0-04.0	40	1.6	01.0-02.2			
Native	133	19,527	70	55.2	44.0-66.4	35	26.6	17.0-36.2	17	10.9	04.6-17.2	4	1.6	00.0-03.6	7	5.7	00.0-11.4			
Non-Native	4753	492,390	2328	47.2	45.4-49.0	1594	33.5	31.7-35.3	486	11.4	10.2-12.6	162	3.9	03.1-04.7	183	4.0	03.2-04.8			
18-24	252	71,067	99	38.6	31.9-45.3	96	38.4	31.7-45.1	31	13.0	08.3-17.7	11	4.2	01.5-06.9	15	5.8	02.7-08.9			
25-34	485	91,721	204	42.7	37.6-47.8	193	38.2	33.3-43.1	59	11.5	08.6-14.4	19	5.1	02.4-07.8	10	2.5	00.7-04.3			
35-44	647	88,343	292	46.0	41.7-50.3	230	33.8	29.7-37.9	83	14.0	10.9-17.1	23	3.5	01.9-05.1	19	2.7	01.3-04.1			
45-54	697	69,751	316	47.6	43.3-51.9	237	31.0	27.3-34.7	91	12.6	09.9-15.3	30	4.5	02.7-06.3	23	4.3	02.3-06.3			
55-64	835	75,918	418	51.7	47.6-55.8	268	30.0	26.3-33.7	85	9.7	07.3-12.1	36	4.0	02.6-05.4	28	4.6	02.4-06.8			
65+	2035	121,919	1101	54.5	52.0-57.0	623	29.3	26.9-31.7	162	8.7	07.1-10.3	51	2.4	01.6-03.2	98	5.1	03.9-06.3			
Less Than H.S.	143	36,163	55	37.6	27.6-47.6	36	26.5	17.5-35.5	24	16.2	09.3-23.1	13	10.5	04.0-17.0	15	9.1	03.6-14.6			
H.S. or G.E.D.	1222	133,772	602	48.4	44.9-51.9	330	28.6	25.3-31.9	162	13.2	10.8-15.6	49	3.6	02.4-04.8	79	6.2	04.4-08.0			
Some Post-H.S.	1538	199,758	768	47.8	44.7-50.9	481	32.6	29.7-35.5	168	12.1	09.9-14.3	61	4.0	02.8-05.2	60	3.4	02.4-04.4			
College Graduate	2034	147,312	997	48.6	46.1-51.1	798	40.1	37.6-42.6	157	7.6	06.2-09.0	46	2.2	01.4-03.0	36	1.4	00.8-02.0			
Less than \$15,000	128	15,515	44	43.4	30.3-56.5	34	19.4	11.4-27.4	19	13.5	06.6-20.4	12	5.5	01.8-09.2	19	18.3	07.5-29.1			
\$15,000- 24,999	267	30,909	109	40.2	32.4-48.0	79	30.3	22.9-37.7	42	15.9	10.2-21.6	17	7.7	03.4-12.0	20	6.0	02.7-09.3			
\$25,000- 34,999	411	43,888	180	40.7	34.2-47.2	122	27.3	21.6-33.0	63	18.6	12.9-24.3	23	7.6	04.1-11.1	23	5.8	02.5-09.1			
\$35,000- 49,999	558	54,558	254	43.3	38.2-48.4	189	33.9	28.6-39.2	68	14.4	10.5-18.3	20	3.8	01.8-05.8	27	4.7	02.5-06.9			
\$50,000- 99,999	1417	148,480	685	46.0	42.7-49.3	495	35.4	32.3-38.5	153	12.2	09.8-14.6	43	3.6	02.0-05.2	41	2.9	01.7-04.1			
\$100,000- 199,999	1059	113,532	573	53.2	49.5-56.9	376	35.3	31.8-38.8	64	6.2	04.4-08.0	29	3.4	01.8-05.0	17	2.0	00.8-03.2			
\$200,000+	271	29,353	151	55.4	47.8-63.0	98	35.1	27.8-42.4	15	5.7	02.2-09.2	7	3.9	00.2-07.6						

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 5: HOW OFTEN DO YOU GET THE SOCIAL AND EMOTIONAL SUPPORT YOU NEED? (EMTSUPRT)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		N	Always		Usually		Sometimes		Rarely		Never					
	TOTAL	WEIGHTED		%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)			
Male	2421	267,125	1145	45.8	43.3-48.3	747	30.5	28.1-32.9	269	12.5	10.7-14.3	107	4.7	03.5-05.9	153	6.5	05.1-07.9
Native	63	9,856	28	47.5	32.0-63.0	18	26.7	14.2-39.2	11	15.6	05.2-26.0	3	2.7	00.0-06.4	3	7.4	00.0-17.6
Non-Native	2321	253,544	1098	45.8	43.3-48.3	719	30.6	28.2-33.0	254	12.4	10.6-14.2	101	4.7	03.5-05.9	149	6.5	05.1-07.9
18-24	148	38,510	58	38.9	29.9-47.9	49	31.7	23.5-39.9	20	15.0	08.1-21.9	7	4.6	00.9-08.3	14	9.7	04.2-15.2
25-34	269	49,831	109	41.4	34.7-48.1	98	34.7	28.4-41.0	41	14.3	09.8-18.8	13	6.4	02.3-10.5	8	3.2	00.8-05.6
35-44	360	45,713	159	43.7	38.0-49.4	123	32.6	27.3-37.9	46	14.9	10.4-19.4	17	4.6	02.2-07.0	15	4.1	01.7-06.5
45-54	353	36,079	160	46.3	40.4-52.2	112	27.7	22.6-32.8	42	12.8	08.9-16.7	21	6.5	03.4-09.6	18	6.7	03.4-10.0
55-64	396	39,912	190	48.4	42.5-54.3	127	31.8	26.5-37.1	38	8.8	05.5-12.1	17	3.3	01.7-04.9	24	7.7	03.8-11.6
65+	895	57,080	469	53.9	50.0-57.8	238	25.2	21.9-28.5	82	9.7	07.3-12.1	32	3.1	01.7-04.5	74	8.2	06.0-10.4
Less Than H.S.	78	19,932	24	33.1	19.4-46.8	17	17.9	08.7-27.1	15	20.0	09.8-30.2	10	15.2	04.4-26.0	12	13.8	04.4-23.2
H.S. or G.E.D.	656	76,284	314	47.5	43.0-52.0	164	26.6	22.5-30.7	87	13.3	10.0-16.6	31	3.9	02.3-05.5	60	8.7	06.2-11.2
Some Post-H.S.	758	104,512	345	45.0	40.9-49.1	229	31.6	27.7-35.5	99	13.8	10.9-16.7	35	4.2	02.6-05.8	50	5.4	03.6-07.2
College Graduate	922	65,173	458	49.4	45.7-53.1	337	37.8	34.1-41.5	68	7.4	05.4-09.4	30	3.1	01.7-04.5	29	2.3	01.3-03.3
Less than \$15,000	60	6,757	16	24.4	11.7-37.1	16	23.5	11.0-36.0	8	12.3	02.7-21.9	9	10.7	02.9-18.5	11	29.0	11.2-46.8
\$15,000- 24,999	98	11,746	35	40.2	26.9-53.5	25	24.8	13.8-35.8	17	19.5	10.1-28.9	5	3.5	00.0-07.0	16	12.0	04.6-19.4
\$25,000- 34,999	185	21,837	70	39.3	29.9-48.7	50	23.5	16.1-30.9	32	18.4	11.3-25.5	16	9.4	04.1-14.7	17	9.4	03.3-15.5
\$35,000- 49,999	258	26,308	110	39.0	31.9-46.1	74	29.6	22.5-36.7	39	18.5	12.4-24.6	12	4.2	01.5-06.9	23	8.7	04.4-13.0
\$50,000- 99,999	721	80,204	328	43.9	39.4-48.4	248	34.6	30.3-38.9	84	12.8	09.5-16.1	27	4.5	02.0-07.0	34	4.1	02.3-05.9
\$100,000- 199,999	608	66,214	325	51.6	46.9-56.3	200	32.2	27.7-36.7	42	7.9	05.2-10.6	25	5.1	02.6-07.6	16	3.2	01.4-05.0
\$200,000+	167	17,399	99	56.9	47.5-66.3	51	29.9	21.5-38.3	10	6.7	01.4-12.0				7	6.5	00.2-12.8

NOTE:

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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 6: HOW OFTEN DO YOU GET THE SOCIAL AND EMOTIONAL SUPPORT YOU NEED? (EMTSUPRT)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Always			Usually			Sometimes			Rarely			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2530	251,594	1285	49.2	46.7-51.7	900	36.1	33.6-38.6	242	10.1	08.5-11.7	63	3.0	02.0-04.0	40	1.6	01.0-02.2
Native	70	9,671	42	63.1	47.6-78.6	17	26.4	11.9-40.9	6	6.1	00.0-13.0	1	0.4	00.0-01.2	4	4.0	00.0-08.1
Non-Native	2432	238,845	1230	48.8	46.1-51.5	875	36.6	34.1-39.1	232	10.2	08.6-11.8	61	3.1	02.1-04.1	34	1.3	00.7-01.9
18-24	104	32,557	41	38.2	28.0-48.4	47	46.2	35.8-56.6	11	10.7	04.0-17.4	4	3.8	00.0-07.7	1	1.1	00.0-03.3
25-34	216	41,890	95	44.1	36.5-51.7	95	42.3	34.9-49.7	18	8.2	04.3-12.1	6	3.6	00.7-06.5	2	1.7	00.0-04.2
35-44	287	42,630	133	48.5	41.8-55.2	107	35.2	28.9-41.5	37	12.9	08.4-17.4	6	2.2	00.2-04.2	4	1.1	00.0-02.3
45-54	344	33,672	156	49.0	42.9-55.1	125	34.5	28.8-40.2	49	12.3	08.6-16.0	9	2.4	00.6-04.2	5	1.8	00.2-03.4
55-64	439	36,007	228	55.3	49.8-60.8	141	28.1	23.2-33.0	47	10.7	07.0-14.4	19	4.9	02.5-07.3	4	1.0	00.0-02.0
65+	1140	64,839	632	55.0	51.5-58.5	385	32.9	29.6-36.2	80	7.8	05.6-10.0	19	1.9	00.9-02.9	24	2.4	01.2-03.6
Less Than H.S.	65	16,231	31	43.2	28.3-58.1	19	37.1	22.0-52.2	9	11.6	03.0-20.2	3	4.8	00.0-10.3	3	3.3	00.0-07.2
H.S. or G.E.D.	566	57,489	288	49.5	43.8-55.2	166	31.4	25.9-36.9	75	13.1	09.6-16.6	18	3.1	01.5-04.7	19	2.9	00.9-04.9
Some Post-H.S.	780	95,246	423	51.0	46.5-55.5	252	33.8	29.5-38.1	69	10.2	07.3-13.1	26	3.8	02.0-05.6	10	1.2	00.2-02.2
College Graduate	1112	82,139	539	47.9	44.4-51.4	461	42.0	38.5-45.5	89	7.8	06.0-09.6	16	1.6	00.6-02.6	7	0.7	00.1-01.3
Less than \$15,000	68	8,758	28	58.0	40.8-75.2	18	16.1	06.3-25.9	11	14.4	04.8-24.0	3	1.4	00.0-03.4	8	10.1	00.0-21.3
\$15,000- 24,999	169	19,163	74	40.1	30.5-49.7	54	33.7	23.9-43.5	25	13.6	06.5-20.7	12	10.3	03.6-17.0	4	2.3	00.0-05.0
\$25,000- 34,999	226	22,051	110	42.1	33.1-51.1	72	31.0	22.4-39.6	31	18.8	10.2-27.4	7	5.8	01.1-10.5	6	2.2	00.0-04.4
\$35,000- 49,999	300	28,250	144	47.3	39.9-54.7	115	37.8	30.4-45.2	29	10.7	06.2-15.2	8	3.4	00.9-05.9	4	0.9	00.0-01.9
\$50,000- 99,999	696	68,275	357	48.5	43.6-53.4	247	36.3	31.6-41.0	69	11.4	08.3-14.5	16	2.4	01.0-03.8	7	1.3	00.1-02.5
\$100,000- 199,999	451	47,318	248	55.3	49.6-61.0	176	39.8	34.1-45.5	22	3.8	02.0-05.6	4	0.9	00.0-02.1	1	0.2	00.0-00.6
\$200,000+	104	11,953	52	53.3	40.8-65.8	47	42.5	30.0-55.0	5	4.2	00.3-08.1						

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY  
TABLE 7: HOW OFTEN DO YOU FEEL LONELY? IS IT... (SDLONELY)  
Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		N	Always			Usually			Sometimes			Rarely			Never		
	TOTAL	WEIGHTED		%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	
TOTAL	4996	521,846	95	2.2	01.6-02.8	129	3.3	02.5-04.1	1007	21.6	20.0-23.2	1765	33.9	32.1-35.7	2000	39.0	37.2-40.8	
Male	2442	268,839	58	2.7	01.7-03.7	73	3.6	02.6-04.6	409	17.9	15.9-19.9	756	31.2	28.8-33.6	1146	44.6	42.1-47.1	
Female	2554	253,007	37	1.7	00.9-02.5	56	3.0	02.0-04.0	598	25.5	23.1-27.9	1009	36.8	34.3-39.3	854	33.0	30.5-35.5	
Native	134	19,729	6	4.0	00.5-07.5	3	2.0	00.0-04.4	36	20.5	12.5-28.5	42	30.6	20.6-40.6	47	42.8	31.2-54.4	
Non-Native	4795	495,120	88	2.2	01.6-02.8	124	3.3	02.5-04.1	959	21.7	20.1-23.3	1700	34.0	32.2-35.8	1924	38.8	37.0-40.6	
18-24	255	71,769	8	3.4	00.9-05.9	13	4.9	02.0-07.8	79	30.6	24.3-36.9	93	37.7	31.0-44.4	62	23.4	17.7-29.1	
25-34	484	91,514	12	2.0	00.8-03.2	21	4.7	02.5-06.9	119	24.9	20.6-29.2	182	34.6	29.9-39.3	150	33.8	28.9-38.7	
35-44	649	88,685	13	2.0	00.8-03.2	24	4.2	02.2-06.2	131	20.6	17.1-24.1	244	35.0	30.9-39.1	237	38.3	34.0-42.6	
45-54	695	69,634	14	2.4	01.0-03.8	18	2.7	01.3-04.1	129	18.5	15.2-21.8	258	33.8	29.9-37.7	276	42.6	38.3-46.9	
55-64	837	76,038	21	3.1	01.3-04.9	22	2.5	01.3-03.7	155	17.6	14.7-20.5	289	32.1	28.4-35.8	350	44.6	40.5-48.7	
65+	2076	124,206	27	1.3	00.7-01.9	31	1.4	00.8-02.0	394	18.8	16.6-21.0	699	31.7	29.3-34.1	925	46.9	44.4-49.4	
Less Than H.S.	147	36,671	7	6.6	01.3-11.9	9	5.8	01.5-10.1	42	26.7	18.3-35.1	28	19.6	11.0-28.2	61	41.3	31.5-51.1	
H.S. or G.E.D.	1234	134,520	35	3.0	01.8-04.2	44	4.3	02.7-05.9	320	26.9	23.6-30.2	355	29.0	25.7-32.3	480	36.8	33.5-40.1	
Some Post-H.S.	1551	200,947	30	1.8	01.0-02.6	40	3.1	01.9-04.3	315	20.7	18.2-23.2	525	33.9	31.0-36.8	641	40.4	37.5-43.3	
College Graduate	2050	147,994	23	1.0	00.6-01.4	35	1.9	01.1-02.7	329	16.9	14.9-18.9	854	42.3	39.8-44.8	809	38.0	35.5-40.5	
Less than \$15,000	129	15,599	11	10.8	02.2-19.4	9	6.9	02.0-11.8	44	32.9	21.3-44.5	29	18.6	09.6-27.6	36	30.7	18.2-43.2	
\$15,000- 24,999	269	30,996	12	6.0	02.1-09.9	14	7.6	02.7-12.5	88	32.4	25.1-39.7	72	25.3	18.4-32.2	83	28.6	21.5-35.7	
\$25,000- 34,999	417	44,442	15	3.9	01.0-06.8	29	10.3	06.2-14.4	130	30.3	24.2-36.4	112	23.3	18.2-28.4	131	32.2	25.9-38.5	
\$35,000- 49,999	567	55,382	19	3.9	01.7-06.1	19	4.1	01.9-06.3	131	25.8	20.9-30.7	184	31.3	26.4-36.2	214	34.8	29.9-39.7	
\$50,000- 99,999	1423	148,651	14	0.8	00.4-01.2	23	2.0	00.8-03.2	264	20.2	17.7-22.7	565	38.6	35.3-41.9	557	38.3	35.0-41.6	
\$100,000- 199,999	1060	113,569	5	0.5	00.1-00.9	13	1.4	00.4-02.4	123	12.8	10.3-15.3	425	39.3	35.8-42.8	494	45.9	42.2-49.6	
\$200,000+	271	29,353	2	1.0	00.0-02.8	1	0.5	00.0-01.5	24	10.9	05.2-16.6	108	33.9	27.2-40.6	136	53.7	46.3-61.1	

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY  
TABLE 8: HOW OFTEN DO YOU FEEL LONELY? IS IT... (SDLONELY)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Always			Usually			Sometimes			Rarely			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2442	268,839	58	2.7	01.7-03.7	73	3.6	02.6-04.6	409	17.9	15.9-19.9	756	31.2	28.8-33.6	1146	44.6	42.1-47.1
Native	63	9,856	3	3.4	00.0-07.7	2	2.4	00.0-05.7	17	25.4	13.1-37.7	16	25.9	12.6-39.2	25	42.9	27.2-58.6
Non-Native	2341	255,116	55	2.7	01.7-03.7	69	3.5	02.5-04.5	388	17.8	15.8-19.8	726	31.1	28.7-33.5	1103	44.8	42.3-47.3
18-24	150	38,960	7	5.3	01.0-09.6	7	4.6	00.5-08.7	39	24.7	17.1-32.3	58	40.0	31.2-48.8	39	25.4	17.6-33.2
25-34	269	49,831	8	2.1	00.5-03.7	13	5.0	02.1-07.9	62	21.9	16.6-27.2	94	33.1	26.8-39.4	92	37.9	31.2-44.6
35-44	361	45,978	8	1.9	00.5-03.3	15	4.3	01.9-06.7	55	15.8	11.5-20.1	131	34.0	28.7-39.3	152	43.9	38.2-49.6
45-54	352	36,031	9	2.8	00.8-04.8	11	3.5	01.1-05.9	56	15.7	11.6-19.8	109	28.7	23.4-34.0	167	49.2	43.3-55.1
55-64	397	39,974	13	3.7	00.6-06.8	13	3.0	01.2-04.8	57	14.4	10.3-18.5	120	28.1	23.0-33.2	194	50.8	44.9-56.7
65+	913	58,066	13	1.2	00.4-02.0	14	1.4	00.4-02.4	140	15.5	12.6-18.4	244	25.1	21.8-28.4	502	56.8	52.9-60.7
Less Than H.S.	80	20,296	5	8.9	00.3-17.5	7	7.5	01.4-13.6	18	18.9	09.3-28.5	15	22.3	09.8-34.8	35	42.4	29.1-55.7
H.S. or G.E.D.	660	76,570	22	3.4	01.8-05.0	23	4.0	01.6-06.4	155	24.2	20.1-28.3	172	28.5	24.2-32.8	288	39.9	35.4-44.4
Some Post-H.S.	762	105,148	15	1.6	00.6-02.6	22	2.9	01.5-04.3	132	17.5	14.4-20.6	221	30.6	26.7-34.5	372	47.3	43.2-51.4
College Graduate	933	65,601	16	1.7	00.7-02.7	20	2.7	01.3-04.1	104	11.3	08.9-13.7	347	38.4	34.7-42.1	446	46.0	42.3-49.7
Less than \$15,000	60	6,757	9	22.9	05.7-40.1	5	8.8	01.2-16.4	16	26.0	12.1-39.9	12	15.7	05.3-26.1	18	26.6	13.3-39.9
\$15,000- 24,999	99	11,767	4	4.4	00.0-08.9	5	4.8	00.0-09.9	28	27.7	16.9-38.5	24	30.6	18.1-43.1	38	32.5	20.0-45.0
\$25,000- 34,999	188	22,239	8	5.2	00.0-10.5	17	11.4	05.5-17.3	57	28.4	20.4-36.4	42	20.4	13.3-27.5	64	34.6	25.4-43.8
\$35,000- 49,999	263	26,888	10	3.6	00.7-06.5	11	4.9	01.4-08.4	55	23.6	16.7-30.5	62	23.3	17.0-29.6	125	44.6	37.3-51.9
\$50,000- 99,999	728	80,478	10	1.1	00.3-01.9	11	1.9	00.1-03.7	114	16.5	13.2-19.8	272	37.5	32.8-42.2	321	43.0	38.5-47.5
\$100,000- 199,999	607	66,137	5	0.9	00.1-01.7	10	2.0	00.4-03.6	64	12.3	09.0-15.6	213	35.2	30.7-39.7	315	49.6	44.9-54.3
\$200,000+	167	17,399	1	0.3	00.0-00.9	1	0.8	00.0-02.4	11	6.3	02.2-10.4	57	30.1	22.1-38.1	97	62.6	53.8-71.4

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY  
TABLE 9: HOW OFTEN DO YOU FEEL LONELY? IS IT... (SDLONELY)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Always			Usually			Sometimes			Rarely			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2554	253,007	37	1.7	00.9-02.5	56	3.0	02.0-04.0	598	25.5	23.1-27.9	1009	36.8	34.3-39.3	854	33.0	30.6-35.4
Native	71	9,873	3	4.7	00.0-10.4	1	1.7	00.0-05.0	19	15.7	05.9-25.5	26	35.2	20.3-50.1	22	42.8	25.9-59.7
Non-Native	2454	240,004	33	1.6	00.8-02.4	55	3.0	02.0-04.0	571	25.8	23.4-28.2	974	37.1	34.6-39.6	821	32.4	30.0-34.8
18-24	105	32,809	1	1.1	00.0-03.3	6	5.1	00.8-09.4	40	37.7	27.5-47.9	35	35.0	25.0-45.0	23	21.1	12.9-29.3
25-34	215	41,684	4	1.9	00.0-03.9	8	4.3	01.4-07.2	57	28.5	21.6-35.4	88	36.4	29.3-43.5	58	28.8	21.4-36.2
35-44	288	42,707	5	2.1	00.1-04.1	9	4.1	01.2-07.0	76	25.6	19.9-31.3	113	36.1	29.8-42.4	85	32.2	25.7-38.7
45-54	343	33,603	5	1.9	00.1-03.7	7	1.9	00.5-03.3	73	21.5	16.4-26.6	149	39.3	33.4-45.2	109	35.4	29.3-41.5
55-64	440	36,064	8	2.4	00.4-04.4	9	2.0	00.6-03.4	98	21.2	16.9-25.5	169	36.6	31.3-41.9	156	37.8	32.1-43.5
65+	1163	66,140	14	1.3	00.3-02.3	17	1.3	00.5-02.1	254	21.8	18.9-24.7	455	37.4	34.1-40.7	423	38.1	34.8-41.4
Less Than H.S.	67	16,375	2	3.8	00.0-09.1	2	3.7	00.0-10.2	24	36.3	22.0-50.6	13	16.3	04.9-27.7	26	40.0	25.3-54.7
H.S. or G.E.D.	574	57,950	13	2.6	00.8-04.4	21	4.6	02.2-07.0	165	30.5	25.2-35.8	183	29.6	24.5-34.7	192	32.8	27.7-37.9
Some Post-H.S.	789	95,798	15	2.1	00.9-03.3	18	3.3	01.5-05.1	183	24.3	20.4-28.2	304	37.6	33.3-41.9	269	32.8	28.7-36.9
College Graduate	1117	82,393	7	0.4	00.0-00.8	15	1.3	00.5-02.1	225	21.3	18.4-24.2	507	45.3	41.8-48.8	363	31.7	28.4-35.0
Less than \$15,000	69	8,842	2	1.6	00.0-04.0	4	5.6	00.0-12.1	28	38.2	20.8-55.6	17	20.8	07.1-34.5	18	33.8	14.8-52.8
\$15,000- 24,999	170	19,230	8	6.9	01.2-12.6	9	9.4	02.1-16.7	60	35.3	25.9-44.7	48	22.1	14.5-29.7	45	26.3	17.7-34.9
\$25,000- 34,999	229	22,203	7	2.5	00.1-04.9	12	9.2	03.5-14.9	73	32.3	23.3-41.3	70	26.1	18.7-33.5	67	29.9	21.5-38.3
\$35,000- 49,999	304	28,493	9	4.2	00.9-07.5	8	3.4	00.7-06.1	76	28.0	20.9-35.1	122	38.9	31.6-46.2	89	25.6	19.7-31.5
\$50,000- 99,999	695	68,173	4	0.5	00.0-01.1	12	2.2	00.6-03.8	150	24.7	20.6-28.8	293	40.0	35.3-44.7	236	32.7	28.0-37.4
\$100,000- 199,999	453	47,432				3	0.6	00.0-01.4	59	13.5	09.4-17.6	212	45.1	39.4-50.8	179	40.8	35.1-46.5
\$200,000+	104	11,953	1	2.1	00.0-06.0				13	17.6	05.6-29.6	51	39.6	28.2-51.0	39	40.7	28.2-53.2

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 10: IN THE PAST 12 MONTHS HAVE YOU LOST EMPLOYMENT OR HAD HOURS REDUCED? (SDHEMPLY)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4985	520,333	286	8.4	07.2-09.6	4699	91.6	90.4-92.8
Male	2433	267,682	152	8.3	06.7-09.9	2281	91.7	90.1-93.3
Female	2552	252,651	134	8.5	06.7-10.3	2418	91.5	89.7-93.3
Native	134	19,806	14	14.7	05.9-23.5	120	85.3	76.5-94.1
Non-Native	4784	493,593	268	8.2	07.0-09.4	4516	91.8	90.6-93.0
18-24	254	71,413	39	18.0	12.5-23.5	215	82.0	76.5-87.5
25-34	484	91,514	47	11.0	07.7-14.3	437	89.0	85.7-92.3
35-44	648	88,383	54	8.8	06.3-11.3	594	91.2	88.7-93.7
45-54	694	69,345	53	7.8	05.4-10.2	641	92.2	89.8-94.6
55-64	833	75,658	46	6.1	03.9-08.3	787	93.9	91.7-96.1
65+	2072	124,020	47	2.5	01.7-03.3	2025	97.5	96.7-98.3
Less Than H.S.	143	35,927	18	17.8	09.6-26.0	125	82.2	74.0-90.4
H.S. or G.E.D.	1231	134,218	92	10.1	07.7-12.5	1139	89.9	87.5-92.3
Some Post-H.S.	1553	201,039	97	8.4	06.4-10.4	1456	91.6	89.6-93.6
College Graduate	2044	147,435	79	4.7	03.5-05.9	1965	95.3	94.1-96.5
Less than \$15,000	130	15,626	20	23.5	12.3-34.7	110	76.5	65.3-87.7
\$15,000- 24,999	268	30,955	39	23.4	16.0-30.8	229	76.6	69.2-84.0
\$25,000- 34,999	417	44,442	44	17.1	11.2-23.0	373	82.9	77.0-88.8
\$35,000- 49,999	562	54,759	32	8.3	05.0-11.6	530	91.7	88.4-95.0
\$50,000- 99,999	1421	148,394	67	5.6	04.0-07.2	1354	94.4	92.8-96.0
\$100,000- 199,999	1057	113,356	40	4.8	03.0-06.6	1017	95.2	93.4-97.0
\$200,000+	272	29,407	5	1.8	00.0-03.6	267	98.2	96.4-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 11: IN THE PAST 12 MONTHS HAVE YOU LOST EMPLOYMENT OR HAD HOURS REDUCED? (SDHEMPLY)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2433	267,682	152	8.3	06.7-09.9	2281	91.7	90.1-93.3
Native	63	9,856	7	16.7	02.8-30.6	56	83.3	69.4-97.2
Non-Native	2332	254,022	143	8.1	06.5-09.7	2189	91.9	90.3-93.5
18-24	149	38,603	17	13.2	06.5-19.9	132	86.8	80.1-93.5
25-34	269	49,831	22	9.3	05.0-13.6	247	90.7	86.4-95.0
35-44	361	45,825	33	9.5	06.2-12.8	328	90.5	87.2-93.8
45-54	353	36,022	38	11.6	07.7-15.5	315	88.4	84.5-92.3
55-64	394	39,652	22	6.4	02.9-09.9	372	93.6	90.1-97.1
65+	907	57,748	20	2.5	01.1-03.9	887	97.5	96.1-98.9
Less Than H.S.	77	19,767	8	15.8	04.6-27.0	69	84.2	73.0-95.4
H.S. or G.E.D.	655	76,187	56	10.1	07.4-12.8	599	89.9	87.2-92.6
Some Post-H.S.	762	105,034	50	8.0	05.5-10.5	712	92.0	89.5-94.5
College Graduate	932	65,470	38	4.8	03.2-06.4	894	95.2	93.6-96.8
Less than \$15,000	60	6,757	10	28.5	10.5-46.5	50	71.5	53.5-89.5
\$15,000- 24,999	97	11,662	16	23.4	10.9-35.9	81	76.6	64.1-89.1
\$25,000- 34,999	188	22,239	26	18.0	10.2-25.8	162	82.0	74.2-89.8
\$35,000- 49,999	259	26,378	14	7.8	03.5-12.1	245	92.2	87.9-96.5
\$50,000- 99,999	727	80,411	37	5.5	03.5-07.5	690	94.5	92.5-96.5
\$100,000- 199,999	606	66,065	24	5.0	02.6-07.4	582	95.0	92.6-97.4
\$200,000+	168	17,454	4	2.8	00.0-05.7	164	97.2	94.3-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 12: IN THE PAST 12 MONTHS HAVE YOU LOST EMPLOYMENT OR HAD HOURS REDUCED? (SDHEMPLY)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2552	252,651	134	8.5	06.7-10.3	2418	91.5	89.7-93.3
Native	71	9,950	7	12.7	01.9-23.5	64	87.3	76.5-98.1
Non-Native	2452	239,570	125	8.4	06.6-10.2	2327	91.6	89.8-93.4
18-24	105	32,809	22	23.5	14.5-32.5	83	76.5	67.5-85.5
25-34	215	41,684	25	12.9	07.8-18.0	190	87.1	82.0-92.2
35-44	287	42,558	21	8.0	04.3-11.7	266	92.0	88.3-95.7
45-54	341	33,323	15	3.7	01.7-05.7	326	96.3	94.3-98.3
55-64	439	36,006	24	5.9	03.2-08.6	415	94.1	91.4-96.8
65+	1165	66,272	27	2.5	01.3-03.7	1138	97.5	96.3-98.7
Less Than H.S.	66	16,159	10	20.2	08.2-32.2	56	79.8	67.8-91.8
H.S. or G.E.D.	576	58,031	36	10.0	06.1-13.9	540	90.0	86.1-93.9
Some Post-H.S.	791	96,004	47	8.9	06.0-11.8	744	91.1	88.2-94.0
College Graduate	1112	81,966	41	4.7	02.9-06.5	1071	95.3	93.5-97.1
Less than \$15,000	70	8,869	10	19.7	06.2-33.2	60	80.3	66.8-93.8
\$15,000- 24,999	171	19,293	23	23.4	14.0-32.8	148	76.6	67.2-86.0
\$25,000- 34,999	229	22,203	18	16.2	07.6-24.8	211	83.8	75.2-92.4
\$35,000- 49,999	303	28,382	18	8.8	03.9-13.7	285	91.2	86.3-96.1
\$50,000- 99,999	694	67,983	30	5.7	03.2-08.2	664	94.3	91.8-96.8
\$100,000- 199,999	451	47,291	16	4.5	02.0-07.0	435	95.5	93.0-98.0
\$200,000+	104	11,953	1	0.4	00.0-01.2	103	99.6	98.8-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 13: DURING THE PAST 12 MONTHS, HAVE YOU RECEIVED FOOD STAMPS, ALSO CALLED SNAP, THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM ON AN EBT CARD?  
(FOODSTMP)**

Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWVT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4994	521,613	221	6.1	05.1-07.1	4773	93.9	92.9-94.9
Male	2439	268,670	84	4.7	03.5-05.9	2355	95.3	94.1-96.5
Female	2555	252,943	137	7.6	06.0-09.2	2418	92.4	90.8-94.0
Native	134	19,806	21	18.7	09.9-27.5	113	81.3	72.5-90.1
Non-Native	4793	494,873	196	5.6	04.6-06.6	4597	94.4	93.4-95.4
18-24	255	71,769	10	5.1	01.8-08.4	245	94.9	91.6-98.2
25-34	482	91,471	26	8.2	04.9-11.5	456	91.8	88.5-95.1
35-44	650	88,700	40	8.3	05.4-11.2	610	91.7	88.8-94.6
45-54	697	69,819	39	5.9	03.9-07.9	658	94.1	92.1-96.1
55-64	834	75,818	45	6.8	04.4-09.2	789	93.2	90.8-95.6
65+	2076	124,037	61	3.3	02.3-04.3	2015	96.7	95.7-97.7
Less Than H.S.	147	36,922	25	19.0	10.8-27.2	122	81.0	72.8-89.2
H.S. or G.E.D.	1236	134,471	79	7.2	05.2-09.2	1157	92.8	90.8-94.8
Some Post-H.S.	1551	200,864	89	6.5	04.9-08.1	1462	93.5	91.9-95.1
College Graduate	2047	147,725	28	1.4	00.8-02.0	2019	98.6	98.0-99.2
Less than \$15,000	128	15,469	60	49.1	36.4-61.8	68	50.9	38.2-63.6
\$15,000- 24,999	269	31,028	57	22.4	16.1-28.7	212	77.6	71.3-83.9
\$25,000- 34,999	412	43,766	28	12.5	07.2-17.8	384	87.5	82.2-92.8
\$35,000- 49,999	567	55,486	17	4.1	01.9-06.3	550	95.9	93.7-98.1
\$50,000- 99,999	1426	148,953	16	2.4	00.8-04.0	1410	97.6	96.0-99.2
\$100,000- 199,999	1058	113,405	5	0.7	00.0-01.5	1053	99.3	98.5-0100
\$200,000+	272	29,407				272	100.0	0100-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 14: DURING THE PAST 12 MONTHS, HAVE YOU RECEIVED FOOD STAMPS, ALSO CALLED SNAP, THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM ON AN EBT CARD?  
(FOODSTMP)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2439	268,670	84	4.7	03.5-05.9	2355	95.3	94.1-96.5
Native	63	9,856	10	18.0	06.4-29.6	53	82.0	70.4-93.6
Non-Native	2338	255,011	73	4.3	03.1-05.5	2265	95.7	94.5-96.9
18-24	150	38,960	4	2.8	00.1-05.5	146	97.2	94.5-99.9
25-34	268	50,003	12	6.9	02.4-11.4	256	93.1	88.6-97.6
35-44	361	45,864	11	3.9	01.5-06.3	350	96.1	93.7-98.5
45-54	355	36,280	18	6.0	03.1-08.9	337	94.0	91.1-96.9
55-64	393	39,651	21	7.3	03.4-11.2	372	92.7	88.8-96.6
65+	912	57,913	18	2.3	01.1-03.5	894	97.7	96.5-98.9
Less Than H.S.	80	20,546	13	19.1	07.9-30.3	67	80.9	69.7-92.1
H.S. or G.E.D.	660	76,557	30	5.1	02.9-07.3	630	94.9	92.7-97.1
Some Post-H.S.	762	105,107	30	3.8	02.2-05.4	732	96.2	94.6-97.8
College Graduate	931	65,320	11	1.5	00.5-02.5	920	98.5	97.5-99.5
Less than \$15,000	58	6,600	18	33.9	18.8-49.0	40	66.1	51.0-81.2
\$15,000- 24,999	99	11,767	20	20.4	10.6-30.2	79	79.6	69.8-89.4
\$25,000- 34,999	183	21,562	17	14.4	06.4-22.4	166	85.6	77.6-93.6
\$35,000- 49,999	263	26,888	6	3.2	00.5-05.9	257	96.8	94.1-99.5
\$50,000- 99,999	730	80,678	8	2.7	00.3-05.1	722	97.3	94.9-99.7
\$100,000- 199,999	606	66,038	1	0.1	00.0-00.3	605	99.9	99.7-0100
\$200,000+	168	17,454				168	100.0	0100-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 15: DURING THE PAST 12 MONTHS, HAVE YOU RECEIVED FOOD STAMPS, ALSO CALLED SNAP, THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM ON AN EBT CARD?  
(FOODSTMP)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2555	252,943	137	7.6	06.0-09.2	2418	92.4	90.8-94.0
Native	71	9,950	11	19.5	06.4-32.6	60	80.5	67.4-93.6
Non-Native	2455	239,862	123	7.0	05.4-08.6	2332	93.0	91.4-94.6
18-24	105	32,809	6	7.8	01.5-14.1	99	92.2	85.9-98.5
25-34	214	41,468	14	9.8	04.7-14.9	200	90.2	85.1-95.3
35-44	289	42,836	29	13.0	07.9-18.1	260	87.0	81.9-92.1
45-54	342	33,539	21	5.8	03.1-08.5	321	94.2	91.5-96.9
55-64	441	36,167	24	6.3	03.4-09.2	417	93.7	90.8-96.6
65+	1164	66,124	43	4.1	02.7-05.5	1121	95.9	94.5-97.3
Less Than H.S.	67	16,375	12	18.9	06.9-30.9	55	81.1	69.1-93.1
H.S. or G.E.D.	576	57,914	49	10.1	06.6-13.6	527	89.9	86.4-93.4
Some Post-H.S.	789	95,758	59	9.5	06.6-12.4	730	90.5	87.6-93.4
College Graduate	1116	82,406	17	1.3	00.5-02.1	1099	98.7	97.9-99.5
Less than \$15,000	70	8,869	42	60.3	41.7-78.9	28	39.7	21.1-58.3
\$15,000- 24,999	170	19,262	37	23.6	15.4-31.8	133	76.4	68.2-84.6
\$25,000- 34,999	229	22,203	11	10.7	03.6-17.8	218	89.3	82.2-96.4
\$35,000- 49,999	304	28,597	11	4.8	01.7-07.9	293	95.2	92.1-98.3
\$50,000- 99,999	696	68,275	8	2.0	00.4-03.6	688	98.0	96.4-99.6
\$100,000- 199,999	452	47,367	4	1.5	00.0-03.1	448	98.5	96.9-0100
\$200,000+	104	11,953				104	100.0	0100-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
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**TABLE 16: DURING THE PAST 12 MONTHS HOW OFTEN DID THE FOOD THAT YOU BOUGHT NOT LAST, AND YOU DIDN'T HAVE MONEY TO GET MORE? WAS THAT... (SDHFOOD1)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		N	Always			Usually			Sometimes			Rarely			Never		
	TOTAL	WEIGHTED		%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	
TOTAL	4976	520,121	61	1.5	01.1-01.9	60	2.1	01.5-02.7	214	6.2	05.2-07.2	329	8.3	07.3-09.3	4312	81.9	80.3-83.5	
Male	2433	268,157	34	1.7	00.9-02.5	20	1.1	00.5-01.7	97	5.8	04.4-07.2	138	6.9	05.5-08.3	2144	84.6	82.6-86.6	
Female	2543	251,964	27	1.4	00.8-02.0	40	3.1	01.9-04.3	117	6.7	05.1-08.3	191	9.7	07.9-11.5	2168	79.1	76.7-81.5	
Native	133	19,727	4	2.3	00.0-05.2	4	2.8	00.0-05.7	12	8.8	03.3-14.3	22	19.9	11.3-28.5	91	66.2	56.0-76.4	
Non-Native	4777	493,526	56	1.5	00.9-02.1	56	2.1	01.5-02.7	196	6.1	05.1-07.1	304	7.8	06.8-08.8	4165	82.5	80.9-84.1	
18-24	255	71,769	3	1.1	00.0-02.5	9	4.3	01.2-07.4	26	11.2	06.7-15.7	41	15.6	10.7-20.5	176	67.9	61.4-74.4	
25-34	481	91,227	6	1.6	00.2-03.0	9	3.2	01.0-05.4	30	8.0	04.9-11.1	43	9.7	06.8-12.6	393	77.6	73.1-82.1	
35-44	646	88,200	7	1.1	00.1-02.1	11	1.9	00.7-03.1	39	7.4	04.9-09.9	57	9.0	06.5-11.5	532	80.6	77.1-84.1	
45-54	695	69,636	12	1.7	00.7-02.7	7	1.2	00.2-02.2	35	5.2	03.2-07.2	37	5.4	03.6-07.2	604	86.4	83.5-89.3	
55-64	834	75,659	13	2.3	00.5-04.1	12	1.6	00.6-02.6	35	4.7	02.7-06.7	64	8.1	05.9-10.3	710	83.4	80.1-86.7	
65+	2065	123,629	20	1.5	00.7-02.3	12	0.8	00.2-01.4	49	2.8	01.8-03.8	87	4.1	03.1-05.1	1897	90.7	89.1-92.3	
Less Than H.S.	146	36,861	9	6.1	01.6-10.6	7	5.6	01.1-10.1	19	18.6	10.2-27.0	11	9.0	03.1-14.9	100	60.6	50.6-70.6	
H.S. or G.E.D.	1227	133,610	21	1.7	00.9-02.5	20	1.8	00.8-02.8	80	8.2	06.0-10.4	123	11.7	09.3-14.1	983	76.6	73.5-79.7	
Some Post-H.S.	1547	200,444	22	1.5	00.7-02.3	21	2.3	01.1-03.5	79	6.0	04.6-07.4	124	8.9	07.1-10.7	1301	81.3	78.8-83.8	
College Graduate	2044	147,589	9	0.3	00.1-00.5	12	1.1	00.5-01.7	36	1.8	01.2-02.4	71	4.1	02.9-05.3	1916	92.7	91.3-94.1	
Less than \$15,000	129	15,307	6	2.1	00.0-04.3	7	8.2	00.9-15.5	30	25.5	14.9-36.1	23	19.1	08.9-29.3	63	45.0	32.3-57.7	
\$15,000- 24,999	268	30,910	15	6.3	02.8-09.8	13	7.6	02.7-12.5	35	15.4	09.5-21.3	49	21.1	14.6-27.6	156	49.6	41.8-57.4	
\$25,000- 34,999	414	44,103	11	4.3	01.0-07.6	15	7.6	02.9-12.3	33	11.4	07.1-15.7	61	15.9	11.2-20.6	294	60.8	54.1-67.5	
\$35,000- 49,999	565	55,284	4	1.4	00.0-03.2	10	3.2	00.8-05.6	35	10.0	06.1-13.9	55	12.2	08.7-15.7	461	73.2	68.1-78.3	
\$50,000- 99,999	1424	148,698	11	1.1	00.3-01.9	5	0.3	00.0-00.7	24	2.7	01.3-04.1	72	6.5	04.7-08.3	1312	89.4	87.0-91.8	
\$100,000- 199,999	1055	113,254	4	0.4	00.0-00.8	1	0.1	00.0-00.3	8	1.5	00.3-02.7	25	2.9	01.7-04.1	1017	95.1	93.3-96.9	
\$200,000+	272	29,407	2	0.9	00.0-02.3	2	0.9	00.0-02.3	3	1.0	00.0-02.4	267	98.1	96.3-99.9				

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 17: DURING THE PAST 12 MONTHS HOW OFTEN DID THE FOOD THAT YOU BOUGHT NOT LAST, AND YOU DIDN'T HAVE MONEY TO GET MORE? WAS THAT... (SDHFOOD1)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Always						Usually			Sometimes			Rarely			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)			
Male	2433	268,157	34	1.7	00.9-02.5	20	1.1	00.5-01.7	97	5.8	04.4-07.2	138	6.9	05.5-08.3	2144	84.6	82.6-86.6			
Native	62	9,777	1	2.8	00.0-08.1	2	1.7	00.0-04.1	6	10.3	01.1-19.5	9	16.1	05.3-26.9	44	69.1	55.2-83.0			
Non-Native	2333	254,576	33	1.6	00.8-02.4	18	1.1	00.5-01.7	88	5.6	04.2-07.0	128	6.6	05.2-08.0	2066	85.1	83.1-87.1			
18-24	150	38,960	2	1.1	00.0-02.7	3	1.8	00.0-04.0	14	9.8	04.1-15.5	17	10.1	04.8-15.4	114	77.2	69.8-84.6			
25-34	268	49,872	3	1.2	00.0-02.6	2	1.4	00.0-03.4	17	8.2	03.5-12.9	23	8.6	05.1-12.1	223	80.6	74.7-86.5			
35-44	359	45,570	3	0.7	00.0-01.5	3	0.7	00.0-01.5	19	6.4	03.5-09.3	31	9.3	06.0-12.6	303	82.9	78.4-87.4			
45-54	353	36,098	9	2.3	00.7-03.9	2	0.7	00.0-01.9	16	5.1	02.4-07.8	12	3.9	01.7-06.1	314	88.0	84.1-91.9			
55-64	396	39,902	8	3.6	00.3-06.9	5	1.4	00.2-02.6	12	3.0	01.0-05.0	27	7.2	04.1-10.3	344	84.9	80.2-89.6			
65+	907	57,756	9	1.4	00.2-02.6	5	0.8	00.0-01.6	19	2.9	01.3-04.5	28	2.9	01.7-04.1	846	92.0	89.6-94.4			
Less Than H.S.	80	20,546	4	5.5	00.0-11.6	4	5.1	00.0-10.4	8	15.1	04.1-26.1	3	4.1	00.0-08.8	61	70.2	57.3-83.1			
H.S. or G.E.D.	654	75,805	10	1.4	00.4-02.4	3	0.3	00.0-00.7	38	7.2	04.5-09.9	61	10.7	07.6-13.8	542	80.5	76.6-84.4			
Some Post-H.S.	762	105,213	15	1.9	00.7-03.1	7	0.9	00.1-01.7	37	5.5	03.5-07.5	51	7.0	05.0-09.0	652	84.7	81.8-87.6			
College Graduate	931	65,400	5	0.4	00.0-00.8	6	1.1	00.1-02.1	14	1.9	00.7-03.1	23	3.3	01.7-04.9	883	93.3	91.1-95.5			
Less than \$15,000	59	6,439	2	3.4	00.0-08.1	2	4.6	00.0-11.5	15	37.6	20.0-55.2	10	15.8	04.4-27.2	30	38.6	23.7-53.5			
\$15,000- 24,999	99	11,767	9	9.3	02.6-16.0	3	5.0	00.0-10.7	12	16.0	06.8-25.2	16	14.5	06.5-22.5	59	55.2	42.5-67.9			
\$25,000- 34,999	185	21,899	5	4.7	00.0-10.2	6	4.7	00.0-09.4	18	12.9	06.4-19.4	25	13.6	07.7-19.5	131	64.1	54.7-73.5			
\$35,000- 49,999	262	26,816	3	1.6	00.0-03.8	5	2.1	00.0-04.6	14	6.8	02.9-10.7	28	15.8	09.9-21.7	212	73.8	66.7-80.9			
\$50,000- 99,999	728	80,423	6	1.1	00.1-02.1	1	0.1	00.0-00.3	12	2.9	00.5-05.3	33	6.3	03.8-08.8	676	89.7	86.2-93.2			
\$100,000- 199,999	605	66,006	3	0.4	00.0-01.0				5	1.4	00.0-02.8	14	2.6	01.2-04.0	583	95.5	93.5-97.5			
\$200,000+	168	17,454				1	0.6	00.0-01.8				2	1.2	00.0-03.2	165	98.3	95.9-0100			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
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**TABLE 18: DURING THE PAST 12 MONTHS HOW OFTEN DID THE FOOD THAT YOU BOUGHT NOT LAST, AND YOU DIDN'T HAVE MONEY TO GET MORE? WAS THAT... (SDHFOOD1)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Always						Usually			Sometimes			Rarely			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)			
Female	2543	251,964	27	1.4	00.8-02.0	40	3.1	01.9-04.3	117	6.7	05.1-08.3	191	9.7	07.9-11.5	2168	79.1	76.7-81.5			
Native	71	9,950	3	1.9	00.0-04.3	2	3.9	00.0-09.4	6	7.2	01.1-13.3	13	23.7	10.6-36.8	47	63.2	48.5-77.9			
Non-Native	2444	238,951	23	1.3	00.5-02.1	38	3.1	01.9-04.3	108	6.7	05.1-08.3	176	9.1	07.3-10.9	2099	79.8	77.4-82.2			
18-24	105	32,809	1	1.1	00.0-03.3	6	7.2	01.1-13.3	12	12.8	05.5-20.1	24	22.1	13.7-30.5	62	56.8	46.4-67.2			
25-34	213	41,356	3	2.1	00.0-04.5	7	5.3	01.4-09.2	13	7.7	03.4-12.0	20	11.0	06.1-15.9	170	73.9	66.8-81.0			
35-44	287	42,630	4	1.5	00.0-03.3	8	3.1	00.7-05.5	20	8.5	04.6-12.4	26	8.6	04.9-12.3	229	78.2	72.5-83.9			
45-54	342	33,539	3	1.0	00.0-02.2	5	1.8	00.0-03.6	19	5.4	02.7-08.1	25	7.0	04.1-09.9	290	84.8	80.5-89.1			
55-64	438	35,757	5	0.8	00.0-01.6	7	1.8	00.2-03.4	23	6.6	03.3-09.9	37	9.0	05.9-12.1	366	81.8	77.3-86.3			
65+	1158	65,873	11	1.6	00.4-02.8	7	0.9	00.1-01.7	30	2.7	01.5-03.9	59	5.2	03.6-06.8	1051	89.7	87.3-92.1			
Less Than H.S.	66	16,315	5	6.9	00.4-13.4	3	6.2	00.0-13.8	11	23.1	10.0-36.2	8	15.2	03.6-26.8	39	48.5	33.6-63.4			
H.S. or G.E.D.	573	57,806	11	2.1	00.5-03.7	17	3.7	01.5-05.9	42	9.6	05.9-13.3	62	13.1	09.4-16.8	441	71.5	66.4-76.6			
Some Post-H.S.	785	95,231	7	1.0	00.0-02.0	14	3.9	01.5-06.3	42	6.5	04.1-08.9	73	11.0	08.1-13.9	649	77.5	73.4-81.6			
College Graduate	1113	82,189	4	0.2	00.0-00.6	6	1.0	00.0-02.0	22	1.8	01.0-02.6	48	4.7	03.1-06.3	1033	92.2	90.2-94.2			
Less than \$15,000	70	8,869	4	1.2	00.0-02.6	5	10.8	00.0-22.2	15	16.8	06.4-27.2	13	21.5	06.2-36.8	33	49.7	31.3-68.1			
\$15,000- 24,999	169	19,143	6	4.4	00.3-08.5	10	9.3	02.0-16.6	23	15.0	07.6-22.4	33	25.2	16.4-34.0	97	46.1	36.3-55.9			
\$25,000- 34,999	229	22,203	6	3.8	00.1-07.5	9	10.4	02.4-18.4	15	10.0	04.3-15.7	36	18.1	11.0-25.2	163	57.6	48.0-67.2			
\$35,000- 49,999	303	28,468	1	1.3	00.0-03.8	5	4.2	00.3-08.1	21	13.1	06.6-19.6	27	8.9	05.0-12.8	249	72.5	64.9-80.1			
\$50,000- 99,999	696	68,275	5	1.1	00.0-02.3	4	0.6	00.0-01.2	12	2.5	00.9-04.1	39	6.8	04.3-09.3	636	89.1	86.0-92.2			
\$100,000- 199,999	450	47,248	1	0.3	00.0-00.9	1	0.2	00.0-00.6	3	1.6	00.0-03.6	11	3.4	01.2-05.6	434	94.6	91.7-97.5			
\$200,000+	104	11,953				1	1.4	00.0-04.1				1	0.7	00.0-02.1	102	97.9	94.8-0100			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 19: DURING THE LAST 12 MONTHS, WAS THERE A TIME WHEN YOU WERE NOT ABLE TO PAY YOUR MORTGAGE, RENT OR UTILITY BILLS? (SDHBILLS)  
Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4982	519,886	260	7.4	06.4-08.4	4722	92.6	91.6-93.6
Male	2437	268,139	117	6.2	04.8-07.6	2320	93.8	92.4-95.2
Female	2545	251,748	143	8.6	06.8-10.4	2402	91.4	89.6-93.2
Native	133	19,553	14	11.4	04.9-17.9	119	88.6	82.1-95.1
Non-Native	4782	493,343	243	7.2	06.0-08.4	4539	92.8	91.6-94.0
18-24	251	70,872	20	9.0	04.9-13.1	231	91.0	86.9-95.1
25-34	478	90,907	49	11.6	08.3-14.9	429	88.4	85.1-91.7
35-44	647	88,292	63	11.1	08.2-14.0	584	88.9	86.0-91.8
45-54	697	69,854	51	7.5	05.3-09.7	646	92.5	90.3-94.7
55-64	834	75,813	40	5.4	03.2-07.6	794	94.6	92.4-96.8
65+	2075	124,148	37	1.8	01.0-02.6	2038	98.2	97.4-99.0
Less Than H.S.	146	36,719	20	18.6	10.4-26.8	126	81.4	73.2-89.6
H.S. or G.E.D.	1230	134,018	89	7.9	06.1-09.7	1141	92.1	90.3-93.9
Some Post-H.S.	1548	200,207	98	8.3	06.5-10.1	1450	91.7	89.9-93.5
College Graduate	2045	147,295	53	2.9	01.9-03.9	1992	97.1	96.1-98.1
Less than \$15,000	130	15,626	33	33.1	21.1-45.1	97	66.9	54.9-78.9
\$15,000- 24,999	268	30,887	43	20.0	13.3-26.7	225	80.0	73.3-86.7
\$25,000- 34,999	415	44,181	48	16.6	11.5-21.7	367	83.4	78.3-88.5
\$35,000- 49,999	564	55,253	48	13.7	09.4-18.0	516	86.3	82.0-90.6
\$50,000- 99,999	1424	148,610	46	4.5	02.9-06.1	1378	95.5	93.9-97.1
\$100,000- 199,999	1054	113,111	19	2.2	01.0-03.4	1035	97.8	96.6-99.0
\$200,000+	272	29,407	1	0.3	00.0-00.9	271	99.7	99.1-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 20: DURING THE LAST 12 MONTHS, WAS THERE A TIME WHEN YOU WERE NOT ABLE TO PAY YOUR MORTGAGE, RENT OR UTILITY BILLS? (SDHBILLS)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2437	268,139	117	6.2	04.8-07.6	2320	93.8	92.4-95.2
Native	63	9,856	7	12.1	02.7-21.5	56	87.9	78.5-97.3
Non-Native	2335	254,356	109	6.0	04.6-07.4	2226	94.0	92.6-95.4
18-24	149	38,801	6	4.2	00.3-08.1	143	95.8	91.9-99.7
25-34	266	49,656	27	11.1	07.0-15.2	239	88.9	84.8-93.0
35-44	360	45,662	30	8.9	05.6-12.2	330	91.1	87.8-94.4
45-54	355	36,316	23	7.3	04.2-10.4	332	92.7	89.6-95.8
55-64	394	39,706	17	5.1	01.8-08.4	377	94.9	91.6-98.2
65+	913	57,999	14	1.4	00.4-02.4	899	98.6	97.6-99.6
Less Than H.S.	79	20,344	8	11.8	02.8-20.8	71	88.2	79.2-97.2
H.S. or G.E.D.	654	75,967	45	7.1	04.7-09.5	609	92.9	90.5-95.3
Some Post-H.S.	764	105,259	42	6.5	04.5-08.5	722	93.5	91.5-95.5
College Graduate	933	65,345	22	3.1	01.5-04.7	911	96.9	95.3-98.5
Less than \$15,000	60	6,757	14	37.3	19.7-54.9	46	62.7	45.1-80.3
\$15,000- 24,999	99	11,767	16	17.5	08.9-26.1	83	82.5	73.9-91.1
\$25,000- 34,999	186	21,978	28	17.8	10.4-25.2	158	82.2	74.8-89.6
\$35,000- 49,999	262	26,816	24	12.8	07.3-18.3	238	87.2	81.7-92.7
\$50,000- 99,999	729	80,441	18	3.5	01.7-05.3	711	96.5	94.7-98.3
\$100,000- 199,999	604	65,863	9	1.9	00.5-03.3	595	98.1	96.7-99.5
\$200,000+	168	17,454				168	100.0	0100-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 21: DURING THE LAST 12 MONTHS, WAS THERE A TIME WHEN YOU WERE NOT ABLE TO PAY YOUR MORTGAGE, RENT OR UTILITY BILLS? (SDHBILLS)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2545	251,748	143	8.6	06.8-10.4	2402	91.4	89.6-93.2
Native	70	9,698	7	10.6	01.6-19.6	63	89.4	80.4-98.4
Non-Native	2447	238,987	134	8.5	06.7-10.3	2313	91.5	89.7-93.3
18-24	102	32,072	14	14.8	07.2-22.4	88	85.2	77.6-92.8
25-34	212	41,251	22	12.3	07.2-17.4	190	87.7	82.6-92.8
35-44	287	42,630	33	13.4	08.5-18.3	254	86.6	81.7-91.5
45-54	342	33,539	28	7.8	04.5-11.1	314	92.2	88.9-95.5
55-64	440	36,107	23	5.6	02.9-08.3	417	94.4	91.7-97.1
65+	1162	66,150	23	2.1	01.1-03.1	1139	97.9	96.9-98.9
Less Than H.S.	67	16,375	12	27.1	13.0-41.2	55	72.9	58.8-87.0
H.S. or G.E.D.	576	58,051	44	9.0	06.1-11.9	532	91.0	88.1-93.9
Some Post-H.S.	784	94,948	56	10.2	07.3-13.1	728	89.8	86.9-92.7
College Graduate	1112	81,951	31	2.7	01.7-03.7	1081	97.3	96.3-98.3
Less than \$15,000	70	8,869	19	29.9	14.0-45.8	51	70.1	54.2-86.0
\$15,000- 24,999	169	19,120	27	21.6	12.4-30.8	142	78.4	69.2-87.6
\$25,000- 34,999	229	22,203	20	15.4	08.1-22.7	209	84.6	77.3-91.9
\$35,000- 49,999	302	28,437	24	14.4	07.7-21.1	278	85.6	78.9-92.3
\$50,000- 99,999	695	68,170	28	5.7	03.2-08.2	667	94.3	91.8-96.8
\$100,000- 199,999	450	47,248	10	2.6	00.6-04.6	440	97.4	95.4-99.4
\$200,000+	104	11,953	1	0.7	00.0-02.1	103	99.3	97.9-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 22: DURING THE LAST 12 MONTHS WAS THERE A TIME WHEN AN ELECTRIC, GAS, OIL, OR WATER COMPANY THREATENED TO SHUT OFF SERVICES? (SDHUTILS)  
Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4984	520,660	163	4.3	03.5-05.1	4821	95.7	94.9-96.5
Male	2437	268,410	80	3.9	02.9-04.9	2357	96.1	95.1-97.1
Female	2547	252,250	83	4.7	03.5-05.9	2464	95.3	94.1-96.5
Native	134	19,806	14	13.4	05.6-21.2	120	86.6	78.8-94.4
Non-Native	4783	493,864	147	3.9	03.1-04.7	4636	96.1	95.3-96.9
18-24	253	71,370	12	4.4	01.9-06.9	241	95.6	93.1-98.1
25-34	478	91,006	23	6.2	03.7-08.7	455	93.8	91.3-96.3
35-44	650	88,700	34	6.3	03.9-08.7	616	93.7	91.3-96.1
45-54	696	69,800	37	5.6	03.6-07.6	659	94.4	92.4-96.4
55-64	835	75,873	26	3.1	01.7-04.5	809	96.9	95.5-98.3
65+	2072	123,911	31	1.4	00.8-02.0	2041	98.6	98.0-99.2
Less Than H.S.	147	36,922	9	6.0	01.7-10.3	138	94.0	89.7-98.3
H.S. or G.E.D.	1231	134,042	55	4.9	03.3-06.5	1176	95.1	93.5-96.7
Some Post-H.S.	1551	200,992	74	5.6	04.2-07.0	1477	94.4	93.0-95.8
College Graduate	2042	147,058	24	1.2	00.6-01.8	2018	98.8	98.2-99.4
Less than \$15,000	130	15,626	18	16.2	07.0-25.4	112	83.8	74.6-93.0
\$15,000- 24,999	268	30,707	21	8.8	04.5-13.1	247	91.2	86.9-95.5
\$25,000- 34,999	415	44,181	33	9.4	05.7-13.1	382	90.6	86.9-94.3
\$35,000- 49,999	564	55,298	35	9.1	05.8-12.4	529	90.9	87.6-94.2
\$50,000- 99,999	1425	148,813	27	2.5	01.3-03.7	1398	97.5	96.3-98.7
\$100,000- 199,999	1053	112,997	10	1.5	00.3-02.7	1043	98.5	97.3-99.7
\$200,000+	272	29,407	2	2.1	00.0-05.6	270	97.9	94.4-0100

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 23: DURING THE LAST 12 MONTHS WAS THERE A TIME WHEN AN ELECTRIC, GAS, OIL, OR WATER COMPANY THREATENED TO SHUT OFF SERVICES? (SDHUTILS)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2437	268,410	80	3.9	02.9-04.9	2357	96.1	95.1-97.1
Native	63	9,856	9	15.4	03.6-27.2	54	84.6	72.8-96.4
Non-Native	2335	254,628	70	3.4	02.4-04.4	2265	96.6	95.6-97.6
18-24	149	38,801	9	5.6	01.7-09.5	140	94.4	90.5-98.3
25-34	266	49,755	10	4.8	01.9-07.7	256	95.2	92.3-98.1
35-44	361	45,864	17	5.3	02.8-07.8	344	94.7	92.2-97.2
45-54	355	36,319	16	4.6	02.2-07.0	339	95.4	93.0-97.8
55-64	394	39,706	11	2.3	00.7-03.9	383	97.7	96.1-99.3
65+	912	57,966	17	1.3	00.5-02.1	895	98.7	97.9-99.5
Less Than H.S.	80	20,546	4	3.8	00.0-07.9	76	96.2	92.1-0100
H.S. or G.E.D.	655	76,055	28	4.2	02.2-06.2	627	95.8	93.8-97.8
Some Post-H.S.	764	105,406	35	4.8	03.0-06.6	729	95.2	93.4-97.0
College Graduate	931	65,179	12	1.1	00.3-01.9	919	98.9	98.1-99.7
Less than \$15,000	60	6,757	5	9.2	00.0-19.8	55	90.8	80.2-0100
\$15,000- 24,999	99	11,767	6	6.5	00.4-12.6	93	93.5	87.4-99.6
\$25,000- 34,999	186	21,978	20	11.5	06.0-17.0	166	88.5	83.0-94.0
\$35,000- 49,999	261	26,731	17	8.8	04.3-13.3	244	91.2	86.7-95.7
\$50,000- 99,999	730	80,643	13	2.4	00.8-04.0	717	97.6	96.0-99.2
\$100,000- 199,999	603	65,730	7	1.1	00.1-02.1	596	98.9	97.9-99.9
\$200,000+	168	17,454	2	3.6	00.0-09.3	166	96.4	90.7-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
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**TABLE 24: DURING THE LAST 12 MONTHS WAS THERE A TIME WHEN AN ELECTRIC, GAS, OIL, OR WATER COMPANY THREATENED TO SHUT OFF SERVICES? (SDHUTILS)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2547	252,250	83	4.7	03.5-05.9	2464	95.3	94.1-96.5
Native	71	9,950	5	11.3	00.9-21.7	66	88.7	78.3-99.1
Non-Native	2448	239,237	77	4.5	03.3-05.7	2371	95.5	94.3-96.7
18-24	104	32,569	3	3.0	00.0-06.3	101	97.0	93.7-0100
25-34	212	41,251	13	7.8	03.5-12.1	199	92.2	87.9-96.5
35-44	289	42,836	17	7.3	03.4-11.2	272	92.7	88.8-96.6
45-54	341	33,481	21	6.6	03.5-09.7	320	93.4	90.3-96.5
55-64	441	36,167	15	3.9	01.7-06.1	426	96.1	93.9-98.3
65+	1160	65,946	14	1.5	00.5-02.5	1146	98.5	97.5-99.5
Less Than H.S.	67	16,375	5	8.7	00.7-16.7	62	91.3	83.3-99.3
H.S. or G.E.D.	576	57,987	27	5.8	03.1-08.5	549	94.2	91.5-96.9
Some Post-H.S.	787	95,586	39	6.4	04.0-08.8	748	93.6	91.2-96.0
College Graduate	1111	81,879	12	1.2	00.4-02.0	1099	98.8	98.0-99.6
Less than \$15,000	70	8,869	13	21.5	07.6-35.4	57	78.5	64.6-92.4
\$15,000- 24,999	169	18,940	15	10.1	04.0-16.2	154	89.9	83.8-96.0
\$25,000- 34,999	229	22,203	13	7.3	02.4-12.2	216	92.7	87.8-97.6
\$35,000- 49,999	303	28,566	18	9.3	04.6-14.0	285	90.7	86.0-95.4
\$50,000- 99,999	695	68,170	14	2.7	01.1-04.3	681	97.3	95.7-98.9
\$100,000- 199,999	450	47,267	3	2.0	00.0-04.4	447	98.0	95.6-0100
\$200,000+	104	11,953				104	100.0	0100-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 25: DURING THE PAST 12 MONTHS HAS A LACK OF RELIABLE TRANSPORTATION KEPT YOU FROM MEDICAL APPOINTMENTS, MEETINGS, WORK, OR FROM GETTING THINGS NEEDED FOR DAILY LIVING? (SDHTRNSP)**

Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4973	519,683	182	4.6	03.8-05.4	4791	95.4	94.6-96.2
Male	2434	268,119	84	4.1	03.1-05.1	2350	95.9	94.9-96.9
Female	2539	251,564	98	5.2	03.8-06.6	2441	94.8	93.4-96.2
Native	134	19,806	14	12.2	05.3-19.1	120	87.8	80.9-94.7
Non-Native	4774	493,120	162	4.3	03.5-05.1	4612	95.7	94.9-96.5
18-24	254	71,557	17	6.7	03.4-10.0	237	93.3	90.0-96.6
25-34	476	90,675	24	6.6	03.9-09.3	452	93.4	90.7-96.1
35-44	648	88,476	29	5.2	03.2-07.2	619	94.8	92.8-96.8
45-54	694	69,628	28	3.9	02.3-05.5	666	96.1	94.5-97.7
55-64	834	75,726	33	3.9	02.3-05.5	801	96.1	94.5-97.7
65+	2067	123,620	51	2.5	01.7-03.3	2016	97.5	96.7-98.3
Less Than H.S.	147	36,922	16	12.8	06.3-19.3	131	87.2	80.7-93.7
H.S. or G.E.D.	1223	133,395	56	5.3	03.5-07.1	1167	94.7	92.9-96.5
Some Post-H.S.	1551	200,890	69	4.9	03.5-06.3	1482	95.1	93.7-96.5
College Graduate	2039	146,830	41	1.7	01.1-02.3	1998	98.3	97.7-98.9
Less than \$15,000	130	15,626	28	26.5	15.7-37.3	102	73.5	62.7-84.3
\$15,000- 24,999	269	30,947	34	15.7	09.6-21.8	235	84.3	78.2-90.4
\$25,000- 34,999	411	43,796	33	8.8	04.9-12.7	378	91.2	87.3-95.1
\$35,000- 49,999	562	55,169	27	7.2	04.1-10.3	535	92.8	89.7-95.9
\$50,000- 99,999	1425	148,813	17	1.5	00.5-02.5	1408	98.5	97.5-99.5
\$100,000- 199,999	1052	112,810	6	0.8	00.0-01.6	1046	99.2	98.4-0100
\$200,000+	272	29,407				272	100.0	0100-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 26: DURING THE PAST 12 MONTHS HAS A LACK OF RELIABLE TRANSPORTATION KEPT YOU FROM MEDICAL APPOINTMENTS, MEETINGS, WORK, OR FROM GETTING THINGS NEEDED FOR DAILY LIVING? (SDHTRNSP)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2434	268,119	84	4.1	03.1-05.1	2350	95.9	94.9-96.9
Native	63	9,856	4	7.1	00.0-14.7	59	92.9	85.3-0100
Non-Native	2333	254,487	79	4.0	03.0-05.0	2254	96.0	95.0-97.0
18-24	150	38,960	11	6.8	02.7-10.9	139	93.2	89.1-97.3
25-34	264	49,425	13	5.7	02.4-09.0	251	94.3	91.0-97.6
35-44	361	45,864	12	3.8	01.4-06.2	349	96.2	93.8-98.6
45-54	354	36,208	16	4.8	02.3-07.3	338	95.2	92.7-97.7
55-64	394	39,706	11	2.4	00.8-04.0	383	97.6	96.0-99.2
65+	911	57,957	21	1.9	00.9-02.9	890	98.1	97.1-99.1
Less Than H.S.	80	20,546	6	6.9	00.6-13.2	74	93.1	86.8-99.4
H.S. or G.E.D.	654	76,172	27	4.1	02.3-05.9	627	95.9	94.1-97.7
Some Post-H.S.	764	105,304	31	5.0	03.0-07.0	733	95.0	93.0-97.0
College Graduate	929	64,872	20	1.9	00.9-02.9	909	98.1	97.1-99.1
Less than \$15,000	60	6,757	12	24.1	10.0-38.2	48	75.9	61.8-90.0
\$15,000- 24,999	99	11,767	11	12.2	04.8-19.6	88	87.8	80.4-95.2
\$25,000- 34,999	185	21,932	15	7.6	02.9-12.3	170	92.4	87.7-97.1
\$35,000- 49,999	261	26,799	16	8.9	04.0-13.8	245	91.1	86.2-96.0
\$50,000- 99,999	730	80,643	6	1.1	00.1-02.1	724	98.9	97.9-99.9
\$100,000- 199,999	602	65,543	6	1.4	00.2-02.6	596	98.6	97.4-99.8
\$200,000+	168	17,454				168	100.0	0100-0100

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 27: DURING THE PAST 12 MONTHS HAS A LACK OF RELIABLE TRANSPORTATION KEPT YOU FROM MEDICAL APPOINTMENTS, MEETINGS, WORK, OR FROM GETTING THINGS NEEDED FOR DAILY LIVING? (SDHTRNSP)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2539	251,564	98	5.2	03.8-06.6	2441	94.8	93.4-96.2
Native	71	9,950	10	17.3	05.9-28.7	61	82.7	71.3-94.1
Non-Native	2441	238,633	83	4.5	03.1-05.9	2358	95.5	94.1-96.9
18-24	104	32,597	6	6.5	01.2-11.8	98	93.5	88.2-98.8
25-34	212	41,251	11	7.7	03.0-12.4	201	92.3	87.6-97.0
35-44	287	42,612	17	6.6	03.1-10.1	270	93.4	89.9-96.9
45-54	340	33,421	12	3.1	01.3-04.9	328	96.9	95.1-98.7
55-64	440	36,020	22	5.6	02.9-08.3	418	94.4	91.7-97.1
65+	1156	65,663	30	2.9	01.5-04.3	1126	97.1	95.7-98.5
Less Than H.S.	67	16,375	10	20.1	08.1-32.1	57	79.9	67.9-91.9
H.S. or G.E.D.	569	57,222	29	6.9	03.8-10.0	540	93.1	90.0-96.2
Some Post-H.S.	787	95,586	38	4.8	03.0-06.6	749	95.2	93.4-97.0
College Graduate	1110	81,958	21	1.5	00.7-02.3	1089	98.5	97.7-99.3
Less than \$15,000	70	8,869	16	28.3	12.4-44.2	54	71.7	55.8-87.6
\$15,000- 24,999	170	19,180	23	17.8	09.2-26.4	147	82.2	73.6-90.8
\$25,000- 34,999	226	21,864	18	10.0	03.9-16.1	208	90.0	83.9-96.1
\$35,000- 49,999	301	28,370	11	5.7	01.8-09.6	290	94.3	90.4-98.2
\$50,000- 99,999	695	68,170	11	2.0	00.4-03.6	684	98.0	96.4-99.6
\$100,000- 199,999	450	47,267				450	100.0	0100-0100
\$200,000+	104	11,953				104	100.0	0100-0100

NOTE:

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Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 28: STRESS MEANS A SITUATION IN WHICH A PERSON FEELS TENSE, RESTLESS, NERVOUS, OR ANXIOUS, OR IS UNABLE TO SLEEP AT NIGHT BECAUSE HIS/HER MIND IS TROUBLED ALL THE TIME. WITHIN THE LAST 30 DAYS, HOW OFTEN HAVE YOU FELT THIS KIND OF STRESS? (SDHSTRE1)**

Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Always						Usually			Sometimes			Rarely		Never	
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	
TOTAL	4932	515,099	155	4.2	03.4-05.0	235	6.6	05.6-07.6	946	20.6	19.0-22.2	1524	29.1	27.5-30.7	2072	39.5	37.7-41.3	
Male	2411	265,526	75	4.1	02.9-05.3	85	4.4	03.4-05.4	417	18.9	16.9-20.9	687	27.6	25.4-29.8	1147	45.1	42.6-47.6	
Female	2521	249,572	80	4.3	03.1-05.5	150	9.1	07.3-10.9	529	22.5	20.3-24.7	837	30.8	28.4-33.2	925	33.4	31.0-35.8	
Native	134	19,806	5	4.2	00.3-08.1	9	5.7	01.6-09.8	35	25.6	16.4-34.8	33	23.9	14.5-33.3	52	40.7	29.3-52.1	
Non-Native	4733	488,486	144	4.0	03.2-04.8	222	6.7	05.7-07.7	902	20.5	18.9-22.1	1475	29.4	27.8-31.0	1990	39.4	37.6-41.2	
18-24	252	71,003	13	5.6	02.3-08.9	32	13.8	08.9-18.7	71	27.8	21.7-33.9	59	22.0	16.5-27.5	77	30.8	24.3-37.3	
25-34	473	90,094	29	6.6	04.2-09.0	34	7.7	05.0-10.4	108	22.7	18.4-27.0	152	30.9	26.2-35.6	150	32.0	27.1-36.9	
35-44	643	87,760	29	4.3	02.7-05.9	41	6.2	04.2-08.2	157	22.6	19.1-26.1	189	30.3	26.2-34.4	227	36.6	32.3-40.9	
45-54	689	68,988	30	3.6	02.2-05.0	44	7.7	05.2-10.2	163	23.2	19.7-26.7	209	27.5	23.8-31.2	243	37.9	33.6-42.2	
55-64	826	74,673	34	4.9	02.7-07.1	34	4.4	02.8-06.0	165	19.1	16.0-22.2	254	29.4	25.9-32.9	339	42.3	38.2-46.4	
65+	2049	122,581	20	1.4	00.6-02.2	50	2.7	01.7-03.7	282	12.9	11.1-14.7	661	31.9	29.5-34.3	1036	51.1	48.6-53.6	
Less Than H.S.	145	36,358	13	10.4	04.1-16.7	8	7.0	01.5-12.5	29	20.2	12.4-28.0	40	25.3	16.9-33.7	55	37.1	27.1-47.1	
H.S. or G.E.D.	1213	132,153	48	4.9	03.3-06.5	68	8.1	05.7-10.5	268	23.4	20.3-26.5	313	23.0	20.1-25.9	516	40.7	37.2-44.2	
Some Post-H.S.	1536	198,676	59	4.4	03.2-05.6	78	7.1	05.3-08.9	303	20.6	18.1-23.1	459	29.7	27.0-32.4	637	38.2	35.3-41.1	
College Graduate	2026	146,296	35	1.8	01.2-02.4	81	4.6	03.4-05.8	342	17.9	15.9-19.9	708	35.0	32.5-37.5	860	40.7	38.2-43.2	
Less than \$15,000	128	15,087	18	17.9	07.9-27.9	13	13.6	05.0-22.2	38	27.5	16.7-38.3	24	14.9	06.7-23.1	35	26.1	13.8-38.4	
\$15,000- 24,999	266	30,733	22	11.0	05.7-16.3	24	10.3	05.6-15.0	69	28.0	20.7-35.3	58	20.7	14.4-27.0	93	30.0	22.7-37.3	
\$25,000- 34,999	411	43,782	21	7.0	03.3-10.7	27	12.2	06.9-17.5	78	19.0	14.1-23.9	125	30.4	24.3-36.5	160	31.5	25.6-37.4	
\$35,000- 49,999	560	54,840	14	4.0	01.6-06.4	33	7.0	04.1-09.9	114	26.1	21.0-31.2	157	24.6	20.3-28.9	242	38.2	33.3-43.1	
\$50,000- 99,999	1417	147,544	29	2.8	01.6-04.0	58	5.5	03.9-07.1	246	17.2	14.8-19.6	487	34.1	30.8-37.4	597	40.4	37.1-43.7	
\$100,000- 199,999	1043	111,790	20	2.1	01.1-03.1	32	4.1	02.3-05.9	192	19.4	16.5-22.3	347	32.4	29.1-35.7	452	41.9	38.2-45.6	
\$200,000+	270	29,219	7	2.5	00.5-04.5	12	6.0	02.1-09.9	53	22.8	15.5-30.1	79	25.0	19.1-30.9	119	43.7	36.3-51.1	

NOTE:

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Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 29: STRESS MEANS A SITUATION IN WHICH A PERSON FEELS TENSE, RESTLESS, NERVOUS, OR ANXIOUS, OR IS UNABLE TO SLEEP AT NIGHT BECAUSE HIS/HER MIND IS TROUBLED ALL THE TIME. WITHIN THE LAST 30 DAYS, HOW OFTEN HAVE YOU FELT THIS KIND OF STRESS? (SDHSTRE1)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Always						Usually			Sometimes			Rarely		Never	
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	
Male	2411	265,526	75	4.1	02.9-05.3	85	4.4	03.4-05.4	417	18.9	16.9-20.9	687	27.6	25.4-29.8	1147	45.1	42.6-47.6	
Native	63	9,856	2	3.6	00.0-09.1	4	6.0	00.0-12.1	19	30.1	16.2-44.0	11	17.8	06.0-29.6	27	42.4	26.9-57.9	
Non-Native	2311	251,927	71	4.1	02.9-05.3	79	4.3	03.3-05.3	394	18.5	16.5-20.5	665	27.8	25.4-30.2	1102	45.3	42.8-47.8	
18-24	150	38,960	5	3.4	00.0-06.9	13	6.9	03.2-10.6	37	25.5	17.9-33.1	40	24.8	17.4-32.2	55	39.3	30.3-48.3	
25-34	262	49,023	16	6.4	03.3-09.5	13	5.0	02.3-07.7	64	23.6	17.9-29.3	82	31.1	24.6-37.6	87	33.8	27.3-40.3	
35-44	359	45,585	17	4.9	02.5-07.3	14	4.4	01.9-06.9	82	19.4	15.1-23.7	102	28.4	23.3-33.5	144	43.0	37.3-48.7	
45-54	351	35,847	19	4.5	02.3-06.7	16	5.4	02.7-08.1	77	22.9	17.8-28.0	102	24.9	20.2-29.6	137	42.3	36.4-48.2	
55-64	387	38,719	13	5.2	01.7-08.7	13	2.7	01.1-04.3	61	15.6	11.5-19.7	109	26.1	21.2-31.0	191	50.4	44.5-56.3	
65+	902	57,392	5	0.8	00.0-01.6	16	2.5	01.1-03.9	96	9.5	07.3-11.7	252	28.5	25.0-32.0	533	58.6	54.7-62.5	
Less Than H.S.	78	19,982	7	10.2	01.6-18.8	5	4.9	00.2-09.6	14	16.7	07.3-26.1	22	29.7	17.2-42.2	30	38.5	24.8-52.2	
H.S. or G.E.D.	648	75,238	21	3.9	02.1-05.7	28	5.2	03.2-07.2	134	22.6	18.5-26.7	162	23.0	19.3-26.7	303	45.3	40.6-50.0	
Some Post-H.S.	756	104,366	33	4.7	02.9-06.5	30	4.6	02.8-06.4	129	17.5	14.4-20.6	202	27.1	23.4-30.8	362	46.1	42.0-50.2	
College Graduate	923	64,747	14	1.5	00.5-02.5	22	2.9	01.5-04.3	137	16.5	13.8-19.2	300	33.5	30.0-37.0	450	45.5	41.8-49.2	
Less than \$15,000	59	6,612	12	33.6	15.6-51.6	6	11.7	02.1-21.3	16	24.8	11.9-37.7	8	9.4	01.4-17.4	17	20.6	09.0-32.2	
\$15,000- 24,999	98	11,643	8	9.5	02.4-16.6	5	5.6	00.5-10.7	22	25.8	14.4-37.2	21	23.8	12.6-35.0	42	35.4	22.5-48.3	
\$25,000- 34,999	185	21,932	11	8.7	02.6-14.8	12	9.3	03.8-14.8	34	15.6	09.5-21.7	56	31.8	22.8-40.8	72	34.7	25.9-43.5	
\$35,000- 49,999	260	26,635	6	3.0	00.3-05.7	9	4.0	00.7-07.3	48	24.1	17.0-31.2	62	22.4	16.3-28.5	135	46.5	39.1-53.9	
\$50,000- 99,999	724	79,585	8	1.6	00.4-02.8	16	2.5	01.1-03.9	115	16.6	13.3-19.9	230	31.2	26.9-35.5	355	48.1	43.4-52.8	
\$100,000- 199,999	599	65,182	16	3.1	01.5-04.7	14	3.1	01.3-04.9	101	18.2	14.5-21.9	186	29.7	25.4-34.0	282	46.0	41.1-50.9	
\$200,000+	166	17,266	6	3.4	00.5-06.3	7	6.3	00.8-11.8	29	20.6	12.0-29.2	41	20.9	13.8-28.0	83	48.8	39.4-58.2	

NOTE:

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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 29: SOCIAL DETERMINANTS AND HEALTH EQUITY**

**TABLE 30: STRESS MEANS A SITUATION IN WHICH A PERSON FEELS TENSE, RESTLESS, NERVOUS, OR ANXIOUS, OR IS UNABLE TO SLEEP AT NIGHT BECAUSE HIS/HER MIND IS TROUBLED ALL THE TIME. WITHIN THE LAST 30 DAYS, HOW OFTEN HAVE YOU FELT THIS KIND OF STRESS? (SDHSTRE1)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		N	Always		Usually		Sometimes		Rarely		Never					
	TOTAL	WEIGHTED		%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)			
Female	2521	249,572	80	4.3	03.1-05.5	150	9.1	07.3-10.9	529	22.5	20.3-24.7	837	30.8	28.4-33.2	925	33.4	31.0-35.8
Native	71	9,950	3	4.7	00.0-10.4	5	5.4	00.0-11.3	16	21.0	09.4-32.6	22	29.9	15.4-44.4	25	39.0	22.3-55.7
Non-Native	2422	236,559	73	4.0	02.8-05.2	143	9.2	07.2-11.2	508	22.7	20.3-25.1	810	31.0	28.6-33.4	888	33.1	30.7-35.5
18-24	102	32,043	8	8.3	02.4-14.2	19	22.1	12.7-31.5	34	30.5	20.9-40.1	19	18.6	10.6-26.6	22	20.4	12.4-28.4
25-34	211	41,071	13	6.7	03.0-10.4	21	11.0	06.1-15.9	44	21.6	15.1-28.1	70	30.8	23.9-37.7	63	29.9	22.6-37.2
35-44	284	42,175	12	3.5	01.3-05.7	27	8.2	05.1-11.3	75	26.2	20.3-32.1	87	32.3	25.8-38.8	83	29.8	23.5-36.1
45-54	338	33,141	11	2.7	01.1-04.3	28	10.2	06.1-14.3	86	23.6	18.5-28.7	107	30.3	24.6-36.0	106	33.2	27.3-39.1
55-64	439	35,953	21	4.5	02.5-06.5	21	6.2	03.3-09.1	104	22.8	18.3-27.3	145	32.9	27.6-38.2	148	33.6	28.1-39.1
65+	1147	65,189	15	1.9	00.7-03.1	34	2.9	01.7-04.1	186	15.8	13.3-18.3	409	34.9	31.6-38.2	503	44.4	40.9-47.9
Less Than H.S.	67	16,375	6	10.7	01.7-19.7	3	9.5	00.0-19.9	15	24.5	11.8-37.2	18	20.0	09.2-30.8	25	35.4	20.9-49.9
H.S. or G.E.D.	565	56,915	27	6.2	03.5-08.9	40	12.0	07.7-16.3	134	24.3	19.4-29.2	151	22.9	18.2-27.6	213	34.6	29.5-39.7
Some Post-H.S.	780	94,309	26	4.0	02.2-05.8	48	9.9	06.8-13.0	174	24.0	20.1-27.9	257	32.7	28.4-37.0	275	29.4	25.5-33.3
College Graduate	1103	81,549	21	1.9	00.9-02.9	59	6.0	04.2-07.8	205	19.1	16.4-21.8	408	36.1	32.8-39.4	410	36.9	33.4-40.4
Less than \$15,000	69	8,475	6	5.7	00.8-10.6	7	15.1	01.8-28.4	22	29.6	13.3-45.9	16	19.3	06.2-32.4	18	30.4	11.2-49.6
\$15,000- 24,999	168	19,090	14	11.9	04.6-19.2	19	13.2	06.5-19.9	47	29.3	19.9-38.7	37	18.8	11.4-26.2	51	26.8	18.4-35.2
\$25,000- 34,999	226	21,850	10	5.3	01.4-09.2	15	15.0	06.2-23.8	44	22.4	14.8-30.0	69	29.0	20.8-37.2	88	28.3	20.7-35.9
\$35,000- 49,999	300	28,204	8	5.0	01.1-08.9	24	9.9	05.2-14.6	66	28.0	20.6-35.4	95	26.8	20.7-32.9	107	30.3	23.8-36.8
\$50,000- 99,999	693	67,958	21	4.1	01.9-06.3	42	9.1	06.2-12.0	131	18.0	14.5-21.5	257	37.4	32.5-42.3	242	31.5	27.2-35.8
\$100,000- 199,999	444	46,608	4	0.8	00.0-01.6	18	5.5	02.2-08.8	91	21.2	16.3-26.1	161	36.4	30.9-41.9	170	36.1	30.8-41.4
\$200,000+	104	11,953	1	1.3	00.0-03.8	5	5.5	00.2-10.8	24	26.0	13.5-38.5	38	30.9	20.5-41.3	36	36.2	24.0-48.4

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023**

**MODULE 30: REACTIONS TO RACE CONTENTS**

\* NOTE \* \* \* \* \*

**WHEN THE DENOMINATOR IS NOT BASED ON THE TOTAL POPULATION SURVEYED, THE TITLE CONTAINS A DESCRIPTION OF WHAT POPULATION IS EXCLUDED FROM THE DENOMINATOR. IF THE TITLE DOES NOT DESCRIBE THE DENOMINATOR, THE TABLE IS BASED ON ALL RESPONDENTS TO THE STATES SURVEY.**

\* \* \* \* \*

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 1: HOW DO OTHER PEOPLE USUALLY CLASSIFY YOU IN THIS COUNTRY? WOULD YOU SAY WHITE, BLACK OR AFRICAN AMERICAN, HISPANIC OR LATINO, ASIAN, NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER, AMERICAN INDIAN OR ALASKA NATIVE, OR SOME OTHER GROUP? (RRCLASS3)**

Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		White			Black or African American			Hispanic or Latino			Asian			Native Hawaiian or Other Pacific Islander			Amer. Indian or Alaska Native, Mixed or Some Other Group		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4851	505,258	4486	87.3	85.9-88.7	75	3.0	02.2-03.8	64	2.7	01.9-03.5	52	1.8	01.2-02.4	8	0.2	00.0-00.4	166	4.9	03.9-05.9
Male	2359	258,920	2163	86.8	84.6-89.0	48	3.6	02.4-04.8	38	2.9	01.9-03.9	25	1.7	00.9-02.5	5	0.3	00.1-00.5	80	4.7	03.5-05.9
Female	2492	246,338	2323	87.9	85.7-90.1	27	2.3	01.3-03.3	26	2.5	01.5-03.5	27	2.0	01.2-02.8	3	0.1	00.0-00.3	86	5.2	03.8-06.6
Native	127	18,006	21	14.0	06.7-21.3	1	0.6	00.0-01.8	5	2.7	00.0-05.4	3	5.3	00.0-11.6	4	2.5	00.0-05.2	93	74.8	65.2-84.4
Non-Native	4682	482,620	4431	90.2	88.8-91.6	74	3.1	02.3-03.9	57	2.7	01.9-03.5	48	1.7	01.1-02.3	3	0.1	00.0-00.3	69	2.3	01.7-02.9
18-24	247	69,603	200	77.5	71.4-83.6	15	8.5	04.0-13.0	8	3.6	01.1-06.1	8	3.6	00.9-06.3	1	0.4	00.0-01.2	15	6.4	03.1-09.7
25-34	464	88,583	403	82.5	78.2-86.8	14	3.5	01.5-05.5	14	4.6	02.1-07.1	11	2.2	00.8-03.6	1	0.2	00.0-00.6	21	7.0	03.7-10.3
35-44	630	84,945	545	82.6	78.9-86.3	24	4.5	02.7-06.3	15	4.1	01.9-06.3	17	3.4	01.6-05.2	2	0.2	00.0-00.6	27	5.2	03.0-07.4
45-54	671	66,964	601	87.1	84.0-90.2	10	1.7	00.5-02.9	11	2.6	00.8-04.4	12	2.1	00.7-03.5	2	0.4	00.0-01.0	35	6.0	03.6-08.4
55-64	814	73,761	766	92.4	89.9-94.9	7	0.8	00.2-01.4	10	1.9	00.7-03.1	2	0.5	00.0-01.3	2	0.2	00.0-00.6	27	4.1	01.9-06.3
65+	2025	121,402	1971	96.8	95.8-97.8	5	0.4	00.0-00.8	6	0.5	00.1-00.9	2	0.1	00.0-00.3				41	2.3	01.5-03.1
Less Than H.S.	142	35,603	114	71.3	61.5-81.1	1	2.5	00.0-07.4	10	8.9	03.2-14.6	2	1.5	00.0-03.5				15	15.8	07.6-24.0
H.S. or G.E.D.	1188	129,269	1088	86.0	83.1-88.9	25	4.1	02.3-05.9	20	3.1	01.5-04.7	10	1.9	00.5-03.3	4	0.4	00.0-01.0	41	4.4	02.8-06.0
Some Post-H.S.	1516	195,881	1404	88.6	86.4-90.8	23	2.9	01.5-04.3	26	2.8	01.6-04.0	7	0.8	00.2-01.4	2	0.2	00.0-00.4	54	4.7	03.3-06.1
College Graduate	1995	143,534	1871	90.9	89.1-92.7	26	2.2	01.2-03.2	8	0.7	00.1-01.3	33	3.2	02.0-04.4	2	0.2	00.0-00.4	55	2.8	02.0-03.6
Less than \$15,000	127	14,940	107	72.4	59.1-85.7	5	9.1	00.5-17.7	2	1.3	00.0-03.3	3	3.6	00.0-07.9	1	0.8	00.0-02.4	9	12.8	00.8-24.8
\$15,000- 24,999	266	30,692	233	75.7	67.7-83.7	10	6.9	02.2-11.6	2	1.7	00.0-04.1	5	4.0	00.3-07.7	1	0.9	00.0-02.7	15	10.8	04.3-17.3
\$25,000- 34,999	398	42,539	360	83.0	77.1-88.9	5	1.5	00.1-02.9	12	5.5	01.8-09.2	3	2.1	00.0-04.8				18	8.0	03.7-12.3
\$35,000- 49,999	552	54,011	501	84.5	80.2-88.8	11	3.4	01.2-05.6	10	3.6	01.2-06.0	5	1.6	00.0-03.2				25	6.9	04.0-09.8
\$50,000- 99,999	1396	145,331	1302	89.2	86.7-91.7	22	2.7	01.5-03.9	17	2.5	01.1-03.9	16	1.9	00.7-03.1				39	3.7	02.3-05.1
\$100,000- 199,999	1028	109,747	974	92.3	89.9-94.7	10	1.6	00.6-02.6	11	2.7	00.9-04.5	8	0.8	00.2-01.4	4	0.5	00.0-01.1	21	2.1	01.1-03.1
\$200,000+	263	28,300	250	93.1	88.8-97.4	2	0.6	00.0-01.4	2	0.9	00.0-02.1	3	2.7	00.0-05.8				6	2.8	00.0-05.7

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 2: HOW DO OTHER PEOPLE USUALLY CLASSIFY YOU IN THIS COUNTRY? WOULD YOU SAY WHITE, BLACK OR AFRICAN AMERICAN, HISPANIC OR LATINO, ASIAN, NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER, AMERICAN INDIAN OR ALASKA NATIVE, OR SOME OTHER GROUP? (RRCLASS3)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		N	White			Black or African American			Hispanic or Latino			Asian			Native Hawaiian or Other Pacific Islander			Amer. Indian or Alaska Native, Mixed or Some Other Group		
	TOTAL	WEIGHTED		%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	
Male	2359	258,920	2163	86.8	84.6-89.0	48	3.6	02.4-04.8	38	2.9	01.9-03.9	25	1.7	00.9-02.5	5	0.3	00.1-00.5	80	4.7	03.5-05.9	
Native	59	8,702	10	13.4	03.8-23.0				4	5.1	00.0-10.6	1	2.2	00.0-06.3	2	3.2	00.0-07.9	42	76.1	63.9-88.3	
Non-Native	2280	248,240	2138	89.5	87.5-91.5	48	3.8	02.4-05.2	34	2.9	01.9-03.9	23	1.6	00.8-02.4	2	0.2	00.0-00.4	35	2.1	01.3-02.9	
18-24	145	37,560	118	77.1	68.7-85.5	10	9.7	03.0-16.4	5	3.8	00.5-07.1	3	3.0	00.0-06.9	1	0.7	00.0-02.1	8	5.6	01.7-09.5	
25-34	257	48,037	223	82.9	77.2-88.6	9	4.2	01.5-06.9	7	4.5	01.0-08.0	5	2.0	00.2-03.8	1	0.4	00.0-01.2	12	6.0	02.3-09.7	
35-44	348	43,775	302	84.1	79.6-88.6	14	4.8	02.3-07.3	6	2.8	00.6-05.0	7	2.3	00.5-04.1	2	0.5	00.0-01.1	17	5.5	02.8-08.2	
45-54	339	34,560	296	84.2	79.3-89.1	8	2.7	00.7-04.7	10	4.3	01.4-07.2	7	2.6	00.4-04.8	1	0.2	00.0-00.6	17	6.0	02.9-09.1	
55-64	381	38,234	360	92.3	88.4-96.2	6	1.5	00.3-02.7	5	2.3	00.3-04.3	1	0.4	00.0-01.2				9	3.6	00.3-06.9	
65+	889	56,752	864	96.5	94.9-98.1	1	0.3	00.0-00.9	5	0.8	00.0-01.6	2	0.2	00.0-00.6				17	2.2	01.0-03.4	
Less Than H.S.	78	19,948	65	74.5	61.4-87.6	1	4.5	00.0-12.9	6	9.8	01.8-17.8	1	1.4	00.0-04.1				5	9.8	00.8-18.8	
H.S. or G.E.D.	629	72,703	562	83.8	79.7-87.9	16	4.6	02.1-07.1	14	3.1	01.3-04.9	9	2.7	00.5-04.9	4	0.8	00.0-01.6	24	5.0	02.8-07.2	
Some Post-H.S.	742	102,486	682	88.5	85.6-91.4	12	3.0	01.2-04.8	17	3.2	01.6-04.8	5	1.0	00.0-02.0	1	0.2	00.0-00.6	25	4.1	02.3-05.9	
College Graduate	906	63,233	851	91.6	89.2-94.0	19	3.3	01.7-04.9	1	0.2	00.0-00.6	10	1.6	00.4-02.8				25	3.2	01.8-04.6	
Less than \$15,000	59	6,612	52	85.0	73.2-96.8	2	6.2	00.0-15.6				1	1.7	00.0-05.0	1	1.7	00.0-05.0	3	5.4	00.0-11.9	
\$15,000- 24,999	97	11,647	79	66.8	53.1-80.5	7	12.1	02.7-21.5	2	4.4	00.0-10.5	1	1.1	00.0-03.3	1	2.4	00.0-07.1	7	13.2	01.4-25.0	
\$25,000- 34,999	179	21,196	157	82.6	74.2-91.0	4	2.0	00.0-04.0	7	5.7	00.0-11.4	2	1.9	00.0-04.6				9	7.9	01.2-14.6	
\$35,000- 49,999	256	26,018	233	85.6	79.7-91.5	5	3.2	00.1-06.3	7	4.5	01.2-07.8	3	2.2	00.0-04.7				8	4.4	00.9-07.9	
\$50,000- 99,999	714	78,410	660	88.3	84.8-91.8	15	3.6	01.6-05.6	8	2.0	00.4-03.6	7	2.1	00.1-04.1				24	4.1	02.1-06.1	
\$100,000- 199,999	587	63,517	553	91.4	88.3-94.5	7	1.7	00.3-03.1	8	3.2	00.8-05.6	6	1.0	00.0-02.0	3	0.6	00.0-01.4	10	2.2	00.6-03.8	
\$200,000+	159	16,347	150	92.3	86.6-98.0	2	1.0	00.0-02.4	2	1.6	00.0-03.8	1	1.4	00.0-04.1				4	3.8	00.0-08.5	

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 3: HOW DO OTHER PEOPLE USUALLY CLASSIFY YOU IN THIS COUNTRY? WOULD YOU SAY WHITE, BLACK OR AFRICAN AMERICAN, HISPANIC OR LATINO, ASIAN, NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER, AMERICAN INDIAN OR ALASKA NATIVE, OR SOME OTHER GROUP? (RRCLASS3)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		White			Black or African American			Hispanic or Latino			Asian			Native Hawaiian or Other Pacific Islander			Amer. Indian or Alaska Native, Mixed or Some Other Group		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2492	246,338	2323	87.9	85.7-90.1	27	2.3	0.1-3-03.3	26	2.5	0.1-5-03.5	27	2.0	0.1-2-02.8	3	0.1	0.0-0-00.3	86	5.2	0.3-8-06.6
Native	68	9,304	11	14.6	0.4-25.2	1	1.2	0.0-0-03.6	1	0.6	0.0-0-01.8	2	8.2	0.0-0-19.4	2	1.8	0.0-0-04.5	51	73.6	59.1-88.1
Non-Native	2402	234,380	2293	90.9	88.9-92.9	26	2.4	0.1-4-03.4	23	2.4	0.1-4-03.4	25	1.8	0.1-0-02.6	1	0.1	0.0-0-00.3	34	2.5	0.1-5-03.5
18-24	102	32,043	82	77.9	69.1-86.7	5	7.0	0.1-1-12.9	3	3.5	0.0-0-07.4	5	4.3	0.0-6-08.0				7	7.4	0.1-9-12.9
25-34	207	40,546	180	82.1	75.4-88.8	5	2.8	0.0-3-05.3	7	4.7	0.1-2-08.2	6	2.3	0.0-3-04.3				9	8.1	0.2-4-13.8
35-44	282	41,170	243	81.1	75.2-87.0	10	4.1	0.1-6-06.6	9	5.5	0.1-6-09.4	10	4.5	0.1-2-07.8				10	4.8	0.1-5-08.1
45-54	332	32,404	305	90.3	86.2-94.4	2	0.7	0.0-0-01.7	1	0.8	0.0-0-02.4	5	1.5	0.0-1-02.9	1	0.5	0.0-0-01.5	18	6.1	0.2-8-09.4
55-64	433	35,527	406	92.5	89.4-95.6	1	0.2	0.0-0-00.6	5	1.5	0.0-1-02.9	1	0.7	0.0-0-02.1	2	0.5	0.0-0-01.3	18	4.7	0.2-3-07.1
65+	1136	64,650	1107	97.0	95.6-98.4	4	0.5	0.0-0-01.1	1	0.2	0.0-0-00.6							24	2.3	0.1-1-03.5
Less Than H.S.	64	15,655	49	67.2	52.3-82.1				4	7.8	0.0-0-15.6	1	1.6	0.0-0-04.7				10	23.5	0.9-4-37.6
H.S. or G.E.D.	559	56,566	526	88.7	84.4-93.0	9	3.5	0.1-1-05.9	6	3.1	0.0-6-05.6	1	0.9	0.0-0-02.7				17	3.8	0.1-6-06.0
Some Post-H.S.	774	93,395	722	88.6	85.3-91.9	11	2.8	0.0-8-04.8	9	2.5	0.0-7-04.3	2	0.7	0.0-0-01.7	1	0.1	0.0-0-00.3	29	5.3	0.3-1-07.5
College Graduate	1089	80,300	1020	90.3	87.8-92.8	7	1.3	0.0-0-02.7	7	1.1	0.0-3-01.9	23	4.4	0.2-4-06.4	2	0.3	0.0-0-00.7	30	2.6	0.1-6-03.6
Less than \$15,000	68	8,327	55	62.4	42.2-82.6	3	11.5	0.0-0-24.8	2	2.3	0.0-0-05.6	2	5.0	0.0-0-12.3				6	18.7	0.0-3-38.5
\$15,000- 24,999	169	19,044	154	81.2	71.6-90.8	3	3.7	0.0-0-08.6				4	5.8	0.0-1-11.5				8	9.3	0.1-9-16.7
\$25,000- 34,999	219	21,343	203	83.4	75.2-91.6	1	1.0	0.0-0-03.0	5	5.3	0.0-6-10.0	1	2.4	0.0-0-06.9				9	8.0	0.2-3-13.7
\$35,000- 49,999	296	27,993	268	83.5	77.4-89.6	6	3.6	0.0-7-06.5	3	2.7	0.0-0-05.8	2	1.0	0.0-0-02.6				17	9.1	0.4-4-13.8
\$50,000- 99,999	682	66,921	642	90.3	86.8-93.8	7	1.6	0.0-0-03.2	9	3.2	0.0-8-05.6	9	1.6	0.0-4-02.8				15	3.3	0.1-1-05.5
\$100,000- 199,999	441	46,229	421	93.6	90.3-96.9	3	1.5	0.0-0-03.3	3	2.0	0.0-0-04.4	2	0.6	0.0-0-01.4	1	0.4	0.0-0-01.2	11	2.1	0.0-5-03.7
\$200,000+	104	11,953	100	94.1	87.4-0100							2	4.5	0.0-0-10.8				2	1.5	0.0-0-03.7

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 4: HOW OFTEN DO YOU THINK ABOUT YOUR RACE? WOULD YOU SAY NEVER, ONCE A YEAR, ONCE A MONTH, ONCE A WEEK, ONCE A DAY, ONCE AN HOUR, OR CONSTANTLY?  
(RRCOGNT2)**

Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Never			Once a Year			Once a Month			Once a Week			Once a Day			Once an Hour, Constantly		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4811	502,818	3445	68.2	66.4-70.0	433	8.9	07.9-09.9	440	10.8	09.6-12.0	274	6.7	05.7-07.7	128	2.9	02.3-03.5	91	2.5	01.9-03.1
Male	2361	259,403	1702	70.3	67.9-72.7	211	8.8	07.4-10.2	193	8.6	07.0-10.2	130	6.1	04.7-07.5	74	3.4	02.4-04.4	51	2.8	01.8-03.8
Female	2450	243,415	1743	65.9	63.2-68.6	222	9.1	07.5-10.7	247	13.2	11.2-15.2	144	7.4	05.8-09.0	54	2.3	01.5-03.1	40	2.1	01.3-02.9
Native	122	17,565	41	43.0	30.8-55.2	8	6.1	00.8-11.4	15	11.5	04.8-18.2	15	9.7	04.0-15.4	24	15.4	08.0-22.8	19	14.3	07.2-21.4
Non-Native	4631	479,250	3353	68.8	67.0-70.6	423	9.1	07.9-10.3	425	10.9	09.5-12.3	257	6.7	05.7-07.7	104	2.5	01.9-03.1	69	2.0	01.4-02.6
18-24	247	69,697	132	49.0	42.1-55.9	25	11.0	06.5-15.5	39	18.3	12.6-24.0	37	15.3	10.2-20.4	6	3.1	00.4-05.8	8	3.4	00.9-05.9
25-34	462	88,386	286	64.0	59.1-68.9	44	9.5	06.4-12.6	67	13.0	09.7-16.3	36	6.7	04.3-09.1	18	3.4	01.8-05.0	11	3.4	01.2-05.6
35-44	620	84,481	404	67.1	63.0-71.2	49	7.6	05.2-10.0	85	13.0	09.9-16.1	50	7.1	04.9-09.3	18	2.9	01.3-04.5	14	2.3	01.1-03.5
45-54	670	66,986	449	68.4	64.5-72.3	70	9.2	06.8-11.6	63	8.7	06.3-11.1	43	6.1	03.9-08.3	27	4.2	02.4-06.0	18	3.4	01.6-05.2
55-64	811	73,328	579	72.8	69.3-76.3	67	7.8	05.6-10.0	80	9.3	06.9-11.7	42	4.8	03.2-06.4	32	3.6	02.2-05.0	11	1.7	00.5-02.9
65+	2001	119,939	1595	80.1	77.9-82.3	178	8.8	07.2-10.4	106	5.3	04.1-06.5	66	3.0	02.2-03.8	27	1.2	00.6-01.8	29	1.5	00.9-02.1
Less Than H.S.	143	36,212	117	76.5	67.5-85.5	10	6.7	02.2-11.2	7	8.0	01.7-14.3	3	4.6	00.0-09.7	1	0.4	00.0-01.2	5	3.8	00.1-07.5
H.S. or G.E.D.	1185	128,972	916	71.4	67.9-74.9	92	9.3	06.9-11.7	77	8.2	06.0-10.4	53	6.3	04.3-08.3	26	2.9	01.3-04.5	21	1.8	01.0-02.6
Some Post-H.S.	1502	193,879	1143	70.3	67.4-73.2	115	7.6	05.8-09.4	122	10.9	08.7-13.1	63	5.6	04.0-07.2	31	2.6	01.6-03.6	28	2.9	01.7-04.1
College Graduate	1968	142,108	1260	60.2	57.7-62.7	215	11.0	09.2-12.8	234	13.8	12.0-15.6	155	9.2	07.6-10.8	67	3.5	02.5-04.5	37	2.2	01.4-03.0
Less than \$15,000	122	14,535	87	70.5	58.9-82.1	11	5.9	01.6-10.2	11	13.1	04.3-21.9	4	1.7	00.0-03.9	5	3.5	00.2-06.8	4	5.3	00.0-12.6
\$15,000- 24,999	264	30,464	183	61.6	53.6-69.6	23	8.8	04.3-13.3	25	14.6	08.1-21.1	17	8.3	03.8-12.8	4	1.7	00.0-03.5	12	4.9	01.8-08.0
\$25,000- 34,999	403	42,668	303	68.9	62.4-75.4	36	10.0	05.9-14.1	21	6.5	03.0-10.0	22	8.5	03.8-13.2	13	2.6	01.0-04.2	8	3.4	00.5-06.3
\$35,000- 49,999	545	53,167	402	69.9	64.6-75.2	48	8.0	05.5-10.5	42	9.8	05.9-13.7	29	7.0	03.7-10.3	17	3.5	01.5-05.5	7	1.7	00.3-03.1
\$50,000- 99,999	1385	144,783	945	64.7	61.4-68.0	138	10.4	08.2-12.6	146	11.8	09.4-14.2	82	6.1	04.5-07.7	41	3.7	02.1-05.3	33	3.3	01.9-04.7
\$100,000- 199,999	1022	108,796	711	69.4	65.9-72.9	87	7.1	05.1-09.1	113	11.8	09.3-14.3	67	7.5	05.3-09.7	36	3.3	01.9-04.7	8	0.9	00.1-01.7
\$200,000+	261	28,611	176	66.4	59.0-73.8	23	8.4	04.1-12.7	36	15.2	09.1-21.3	18	6.9	03.4-10.4	3	1.4	00.0-03.2	5	1.8	00.0-03.6

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 5: HOW OFTEN DO YOU THINK ABOUT YOUR RACE? WOULD YOU SAY NEVER, ONCE A YEAR, ONCE A MONTH, ONCE A WEEK, ONCE A DAY, ONCE AN HOUR, OR CONSTANTLY?  
(RRCOGNT2)**

**Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Never			Once a Year			Once a Month			Once a Week			Once a Day			Once an Hour, Constantly		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2361	259,403	1702	70.3	67.9-72.7	211	8.8	07.4-10.2	193	8.6	07.0-10.2	130	6.1	04.7-07.5	74	3.4	02.4-04.4	51	2.8	01.8-03.8
Native	57	8,794	20	45.6	28.7-62.5	3	3.7	00.0-08.2	6	11.1	01.3-20.9	7	8.8	01.7-15.9	13	16.2	06.0-26.4	8	14.5	04.3-24.7
Non-Native	2271	247,526	1653	71.0	68.6-73.4	207	9.0	07.4-10.6	187	8.6	07.0-10.2	121	6.0	04.6-07.4	61	3.0	02.0-04.0	42	2.4	01.4-03.4
18-24	145	37,654	89	59.6	50.6-68.6	13	8.5	03.8-13.2	16	11.8	05.5-18.1	20	14.4	07.9-20.9	3	3.3	00.0-07.4	4	2.4	00.0-04.9
25-34	255	47,807	174	69.7	63.4-76.0	26	10.4	06.1-14.7	25	7.9	04.8-11.0	12	3.9	01.5-06.3	9	3.3	01.1-05.5	9	4.8	01.5-08.1
35-44	347	44,176	238	69.9	64.6-75.2	25	7.1	04.2-10.0	41	11.5	07.6-15.4	26	6.4	03.9-08.9	10	2.9	00.9-04.9	7	2.2	00.4-04.0
45-54	344	34,893	228	66.4	60.7-72.1	34	9.5	06.2-12.8	33	8.4	05.5-11.3	19	5.1	02.4-07.8	19	6.2	03.1-09.3	11	4.4	01.7-07.1
55-64	383	38,249	283	74.5	69.4-79.6	27	6.4	03.7-09.1	31	8.2	04.9-11.5	21	5.2	02.7-07.7	14	3.7	01.5-05.9	7	2.0	00.4-03.6
65+	887	56,624	690	77.9	74.6-81.2	86	10.1	07.7-12.5	47	5.1	03.3-06.9	32	3.5	02.1-04.9	19	2.0	01.0-03.0	13	1.5	00.5-02.5
Less Than H.S.	77	19,897	65	83.2	73.2-93.2	6	6.9	00.8-13.0	2	1.7	00.0-04.1	1	2.7	00.0-08.0	1	0.8	00.0-02.4	2	4.6	00.0-10.9
H.S. or G.E.D.	633	73,558	478	72.2	67.7-76.7	51	8.7	06.0-11.4	39	6.2	04.0-08.4	32	6.5	03.6-09.4	18	3.7	01.3-06.1	15	2.6	01.2-04.0
Some Post-H.S.	743	101,643	548	70.3	66.2-74.4	60	7.9	05.5-10.3	61	10.2	07.3-13.1	37	5.7	03.7-07.7	21	3.2	01.8-04.6	16	2.7	01.3-04.1
College Graduate	901	63,081	606	64.1	60.4-67.8	94	11.0	08.5-13.5	91	11.1	08.7-13.5	60	7.4	05.4-09.4	32	3.7	02.3-05.1	18	2.7	01.3-04.1
Less than \$15,000	57	6,378	40	74.3	61.6-87.0	6	10.0	01.4-18.6	5	7.1	00.4-13.8	1	1.6	00.0-04.7	3	4.5	00.0-10.0	2	2.5	00.0-06.2
\$15,000- 24,999	96	11,494	65	64.2	51.7-76.7	8	12.5	02.7-22.3	8	7.0	01.5-12.5	8	8.7	01.6-15.8	2	1.8	00.0-04.3	5	5.8	00.5-11.1
\$25,000- 34,999	182	21,588	129	67.0	57.8-76.2	24	15.4	08.1-22.7	6	2.4	00.0-05.1	9	6.1	01.8-10.4	8	3.5	01.0-06.0	6	5.7	00.0-11.4
\$35,000- 49,999	255	25,961	185	70.8	63.7-77.9	27	9.6	05.5-13.7	18	6.7	03.0-10.4	10	6.1	01.2-11.0	11	5.1	01.6-08.6	4	1.7	00.0-03.7
\$50,000- 99,999	708	78,143	505	68.5	64.2-72.8	63	8.8	06.3-11.3	65	10.4	07.5-13.3	37	4.7	02.9-06.5	21	4.3	01.9-06.7	17	3.3	01.5-05.1
\$100,000- 199,999	589	63,231	428	72.5	68.0-77.0	46	5.9	03.9-07.9	56	10.2	07.1-13.3	33	6.6	03.9-09.3	21	3.4	01.6-05.2	5	1.3	00.1-02.5
\$200,000+	161	16,873	113	71.8	63.4-80.2	13	8.1	02.2-14.0	19	11.5	06.0-17.0	12	6.9	02.8-11.0	1	0.4	00.0-01.2	3	1.3	00.0-03.1

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 6: HOW OFTEN DO YOU THINK ABOUT YOUR RACE? WOULD YOU SAY NEVER, ONCE A YEAR, ONCE A MONTH, ONCE A WEEK, ONCE A DAY, ONCE AN HOUR, OR CONSTANTLY?  
(RRCOGNT2)**

**Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Never			Once a Year			Once a Month			Once a Week			Once a Day			Once an Hour, Constantly		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2450	243,415	1743	65.9	63.2-68.6	222	9.1	07.5-10.7	247	13.2	11.2-15.2	144	7.4	05.8-09.0	54	2.3	01.5-03.1	40	2.1	01.3-02.9
Native	65	8,771	21	40.4	22.8-58.0	5	8.6	00.0-18.0	9	11.8	02.4-21.2	8	10.6	01.6-19.6	11	14.7	03.7-25.7	11	14.0	04.2-23.8
Non-Native	2360	231,724	1700	66.6	63.9-69.3	216	9.2	07.4-11.0	238	13.4	11.2-15.6	136	7.4	05.8-09.0	43	1.9	01.1-02.7	27	1.6	00.8-02.4
18-24	102	32,043	43	36.5	26.7-46.3	12	13.8	06.0-21.6	23	25.9	16.3-35.5	17	16.4	08.4-24.4	3	2.8	00.0-06.1	4	4.6	00.0-09.3
25-34	207	40,579	112	57.3	49.7-64.9	18	8.4	04.1-12.7	42	19.0	13.1-24.9	24	10.0	05.7-14.3	9	3.5	01.1-05.9	2	1.6	00.0-03.8
35-44	273	40,305	166	64.1	57.6-70.6	24	8.1	04.6-11.6	44	14.7	09.8-19.6	24	8.0	04.7-11.3	8	2.8	00.4-05.2	7	2.4	00.6-04.2
45-54	326	32,093	221	70.5	64.8-76.2	36	9.0	05.9-12.1	30	9.1	05.4-12.8	24	7.2	03.7-10.7	8	2.0	00.4-03.6	7	2.3	00.3-04.3
55-64	428	35,079	296	71.0	66.1-75.9	40	9.4	06.1-12.7	49	10.4	07.3-13.5	21	4.4	02.4-06.4	18	3.5	01.7-05.3	4	1.3	00.0-02.7
65+	1114	63,316	905	82.1	79.4-84.8	92	7.7	05.7-09.7	59	5.6	04.0-07.2	34	2.7	01.7-03.7	8	0.5	00.1-00.9	16	1.5	00.7-02.3
Less Than H.S.	66	16,315	52	68.2	53.3-83.1	4	6.4	00.0-13.3	5	15.7	03.0-28.4	2	6.9	00.0-16.3				3	2.8	00.0-06.1
H.S. or G.E.D.	552	55,414	438	70.3	64.4-76.2	41	10.1	05.8-14.4	38	10.8	06.5-15.1	21	6.1	03.2-09.0	8	1.9	00.3-03.5	6	0.8	00.2-01.4
Some Post-H.S.	759	92,236	595	70.2	65.7-74.7	55	7.4	05.0-09.8	61	11.8	08.5-15.1	26	5.5	03.0-08.0	10	2.1	00.5-03.7	12	3.1	01.1-05.1
College Graduate	1067	79,027	654	57.2	53.5-60.9	121	11.0	08.6-13.4	143	16.0	13.3-18.7	95	10.7	08.3-13.1	35	3.4	02.2-04.6	19	1.9	00.9-02.9
Less than \$15,000	65	8,157	47	67.6	49.6-85.6	5	2.8	00.0-06.3	6	17.7	03.0-32.4	3	1.8	00.0-04.5	2	2.6	00.0-06.5	2	7.4	00.0-19.7
\$15,000- 24,999	168	18,970	118	60.0	49.8-70.2	15	6.6	02.7-10.5	17	19.2	09.6-28.8	9	8.1	02.4-13.8	2	1.7	00.0-04.1	7	4.4	00.5-08.3
\$25,000- 34,999	221	21,080	174	70.9	61.5-80.3	12	4.6	01.3-07.9	15	10.7	04.4-17.0	13	10.9	02.9-18.9	5	1.8	00.0-03.8	2	1.1	00.0-02.9
\$35,000- 49,999	290	27,206	217	69.1	61.5-76.7	21	6.5	03.2-09.8	24	12.8	06.1-19.5	19	7.9	03.6-12.2	6	2.0	00.2-03.8	3	1.7	00.0-03.9
\$50,000- 99,999	677	66,641	440	60.2	55.1-65.3	75	12.3	08.6-16.0	81	13.5	10.0-17.0	45	7.7	05.0-10.4	20	3.0	01.2-04.8	16	3.3	01.1-05.5
\$100,000- 199,999	433	45,565	283	65.1	59.4-70.8	41	8.8	05.3-12.3	57	13.9	10.0-17.8	34	8.8	05.5-12.1	15	3.0	01.0-05.0	3	0.3	00.0-00.7
\$200,000+	100	11,737	63	58.6	45.7-71.5	10	8.8	02.9-14.7	17	20.5	08.3-32.7	6	6.7	00.8-12.6	2	2.9	00.0-07.0	2	2.5	00.0-06.0

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 7: WITHIN THE PAST 12 MONTHS, DO YOU FEEL THAT IN GENERAL YOU WERE TREATED WORSE THAN, THE SAME AS, OR BETTER THAN PEOPLE OF OTHER RACES? (RRTREAT)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Worse than Other Races			Same as Other Races			Better than Other Races			Worse than Some Races, Better than Others			Only Encountered People of the Same Race		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4458	469,548	156	4.1	03.3-04.9	3445	76.7	75.1-78.3	811	17.9	16.3-19.5	22	0.9	00.5-01.3	24	0.3	00.1-00.5
Male	2195	243,359	97	5.5	04.1-06.9	1744	79.0	76.8-81.2	332	14.3	12.5-16.1	16	1.0	00.4-01.6	6	0.3	00.1-00.5
Female	2263	226,189	59	2.7	01.9-03.5	1701	74.3	71.9-76.7	479	21.8	19.4-24.2	6	0.7	00.1-01.3	18	0.4	00.2-00.6
Native	115	16,956	22	12.3	06.2-18.4	85	81.6	74.0-89.2	6	4.5	00.0-09.0	2	1.6	00.0-04.0			
Non-Native	4298	447,796	131	3.8	03.0-04.6	3320	76.4	74.6-78.2	804	18.6	17.0-20.2	20	0.8	00.4-01.2	23	0.3	00.1-00.5
18-24	234	66,963	9	4.5	01.4-07.6	167	70.5	64.0-77.0	53	22.9	16.8-29.0	5	2.0	00.2-03.8			
25-34	442	84,365	18	4.8	02.4-07.2	332	75.6	71.1-80.1	91	19.1	15.2-23.0	1	0.6	00.0-01.8			
35-44	592	78,990	34	5.8	03.6-08.0	434	74.1	70.2-78.0	117	18.7	15.2-22.2	7	1.3	00.0-02.7			
45-54	631	62,995	25	4.1	02.3-05.9	485	79.1	75.6-82.6	117	15.9	12.8-19.0	4	0.9	00.0-01.9			
55-64	756	68,541	33	3.7	02.3-05.1	595	80.4	77.3-83.5	121	14.9	12.2-17.6	3	0.5	00.0-01.1	4	0.4	00.0-00.8
65+	1803	107,695	37	2.4	01.4-03.4	1432	79.7	77.3-82.1	312	16.5	14.3-18.7	2	0.1	00.0-00.3	20	1.2	00.6-01.8
Less Than H.S.	128	33,603	5	5.2	00.3-10.1	100	79.3	71.1-87.5	18	11.5	05.4-17.6	2	2.8	00.0-06.7	3	1.1	00.0-02.5
H.S. or G.E.D.	1065	117,435	38	4.0	02.6-05.4	904	81.6	78.5-84.7	111	13.1	10.2-16.0	6	0.8	00.0-01.6	6	0.4	00.0-00.8
Some Post-H.S.	1404	182,729	62	5.0	03.4-06.6	1119	77.5	74.8-80.2	206	16.3	13.8-18.8	9	1.0	00.4-01.6	8	0.2	00.0-00.4
College Graduate	1853	134,552	51	2.8	02.0-03.6	1316	70.8	68.3-73.3	474	26.0	23.6-28.4	5	0.2	00.0-00.4	7	0.3	00.1-00.5
Less than \$15,000	103	11,465	11	16.9	04.9-28.9	74	61.0	46.5-75.5	17	17.8	07.4-28.2	1	4.3	00.0-12.3			
\$15,000- 24,999	247	28,876	15	5.6	01.7-09.5	190	72.9	65.3-80.5	37	19.2	12.3-26.1	1	0.9	00.0-02.7	4	1.4	00.0-03.0
\$25,000- 34,999	359	38,683	12	3.6	01.1-06.1	290	80.8	75.5-86.1	53	14.4	09.7-19.1	2	0.5	00.0-01.3	2	0.7	00.0-01.7
\$35,000- 49,999	508	50,532	18	4.5	02.1-06.9	407	78.9	74.2-83.6	75	15.1	11.0-19.2	3	1.2	00.0-02.8	5	0.4	00.0-00.8
\$50,000- 99,999	1321	139,064	37	3.6	02.2-05.0	1007	76.3	73.2-79.4	268	19.2	16.5-21.9	6	0.7	00.0-01.5	3	0.2	00.0-00.4
\$100,000- 199,999	971	103,619	29	3.2	01.8-04.6	733	75.3	72.0-78.6	207	21.3	18.0-24.6	1	0.1	00.0-00.3	1	0.2	00.0-00.6
\$200,000+	255	27,972	9	3.4	00.9-05.9	177	70.2	63.1-77.3	66	25.2	18.3-32.1	3	1.2	00.0-02.6			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 8: WITHIN THE PAST 12 MONTHS, DO YOU FEEL THAT IN GENERAL YOU WERE TREATED WORSE THAN, THE SAME AS, OR BETTER THAN PEOPLE OF OTHER RACES? (RRTREAT)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Worse than Other Races			Same as Other Races			Better than Other Races			Worse than Some Races, Better than Others			Only Encountered People of the Same Race		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2195	243,359	97	5.5	04.1-06.9	1744	79.0	76.8-81.2	332	14.3	12.5-16.1	16	1.0	00.4-01.6	6	0.3	00.1-00.5
Native	55	8,810	8	10.6	02.8-18.4	42	80.1	68.3-91.9	3	6.4	00.0-14.6	2	3.0	00.0-07.7			
Non-Native	2114	231,924	88	5.3	03.9-06.7	1678	78.8	76.6-81.0	328	14.7	12.7-16.7	14	0.9	00.3-01.5	6	0.3	00.1-00.5
18-24	138	36,621	6	5.6	00.7-10.5	105	75.1	66.9-83.3	23	16.4	09.3-23.5	4	2.8	00.1-05.5			
25-34	247	46,148	13	6.6	03.1-10.1	197	79.5	73.8-85.2	37	14.0	09.3-18.7						
35-44	328	41,150	24	8.1	04.6-11.6	249	77.6	72.7-82.5	50	13.1	09.4-16.8	5	1.2	00.0-02.4			
45-54	325	33,174	19	6.4	03.3-09.5	249	77.0	71.7-82.3	53	14.8	10.5-19.1	4	1.8	00.0-03.8			
55-64	358	35,831	14	3.3	01.3-05.3	298	85.0	81.1-88.9	44	10.9	07.6-14.2	1	0.6	00.0-01.8	1	0.3	00.0-00.9
65+	799	50,434	21	3.2	01.6-04.8	646	79.5	76.0-83.0	125	16.0	12.9-19.1	2	0.2	00.0-00.6	5	1.0	00.0-02.0
Less Than H.S.	70	18,605	4	7.5	00.0-15.3	52	77.2	65.8-88.6	12	13.5	04.7-22.3				2	1.7	00.0-04.1
H.S. or G.E.D.	574	66,981	24	4.6	02.6-06.6	493	84.0	80.3-87.7	54	10.7	07.4-14.0	2	0.5	00.0-01.3	1	0.2	00.0-00.6
Some Post-H.S.	695	96,440	41	7.0	04.6-09.4	557	78.3	74.6-82.0	86	12.7	09.8-15.6	9	1.9	00.5-03.3	2	0.1	00.0-00.3
College Graduate	850	60,168	28	3.6	02.0-05.2	637	74.9	71.6-78.2	179	21.0	17.9-24.1	5	0.5	00.1-00.9	1	0.1	00.0-00.3
\$15,000- 24,999	89	10,932	9	9.7	00.7-18.7	64	70.7	58.5-82.9	13	15.1	06.3-23.9	1	2.3	00.0-06.8	2	2.2	00.0-05.3
\$25,000- 34,999	163	19,396	8	4.2	00.9-07.5	131	81.9	75.0-88.8	22	12.8	06.9-18.7	2	1.0	00.0-02.4			
\$35,000- 49,999	239	24,606	11	5.2	01.9-08.5	190	76.5	69.6-83.4	34	15.6	09.7-21.5	3	2.5	00.0-05.6	1	0.1	00.0-00.3
\$50,000- 99,999	673	75,049	22	4.7	02.5-06.9	544	80.4	76.5-84.3	102	14.1	10.6-17.6	4	0.6	00.0-01.4	1	0.2	00.0-00.6
\$100,000- 199,999	557	60,113	21	4.2	02.2-06.2	442	79.5	75.4-83.6	93	16.0	12.3-19.7				1	0.3	00.0-00.9
\$200,000+	155	16,570	6	4.0	00.3-07.7	110	73.9	65.5-82.3	36	20.1	12.5-27.7	3	2.0	00.0-04.4			

NOTE:

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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 9: WITHIN THE PAST 12 MONTHS, DO YOU FEEL THAT IN GENERAL YOU WERE TREATED WORSE THAN, THE SAME AS, OR BETTER THAN PEOPLE OF OTHER RACES? (RRTREAT)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Worse than Other Races			Same as Other Races			Better than Other Races			Worse than Some Races, Better than Others			Only Encountered People of the Same Race		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2263	226,189	59	2.7	01.9-03.5	1701	74.3	71.9-76.7	479	21.8	19.4-24.2	6	0.7	00.1-01.3	18	0.4	00.2-00.6
Native	60	8,146	14	14.2	05.0-23.4	43	83.3	73.5-93.1	3	2.5	00.0-05.6						
Non-Native	2184	215,871	43	2.2	01.4-03.0	1642	73.9	71.4-76.4	476	22.8	20.4-25.2	6	0.7	00.0-01.5	17	0.4	00.2-00.6
18-24	96	30,342	3	3.2	00.0-06.9	62	64.9	54.5-75.3	30	30.8	20.8-40.8	1	1.1	00.0-03.3			
25-34	195	38,217	5	2.6	00.1-05.1	135	70.9	63.8-78.0	54	25.2	18.5-31.9	1	1.3	00.0-03.8			
35-44	264	37,840	10	3.3	01.1-05.5	185	70.4	64.1-76.7	67	24.7	18.8-30.6	2	1.5	00.0-03.9			
45-54	306	29,821	6	1.5	00.3-02.7	236	81.5	77.0-86.0	64	17.0	12.5-21.5						
55-64	398	32,709	19	4.2	02.2-06.2	297	75.5	70.6-80.4	77	19.3	14.8-23.8	2	0.5	00.0-01.3	3	0.6	00.0-01.2
65+	1004	57,261	16	1.8	00.8-02.8	786	79.9	77.0-82.8	187	16.9	14.2-19.6				15	1.4	00.4-02.4
Less Than H.S.	58	14,997	1	2.4	00.0-07.1	48	81.9	69.7-94.1	6	9.0	00.6-17.4	2	6.3	00.0-14.7	1	0.4	00.0-01.2
H.S. or G.E.D.	491	50,454	14	3.3	01.3-05.3	411	78.4	72.9-83.9	57	16.3	11.2-21.4	4	1.2	00.0-02.6	5	0.8	00.0-01.6
Some Post-H.S.	709	86,288	21	2.8	01.2-04.4	562	76.6	72.5-80.7	120	20.3	16.2-24.4				6	0.3	00.1-00.5
College Graduate	1003	74,383	23	2.1	01.1-03.1	679	67.5	64.0-71.0	295	30.0	26.5-33.5				6	0.5	00.1-00.9
Less than \$15,000	56	6,214	5	8.8	00.0-18.4	41	63.7	43.3-84.1	9	19.6	03.1-36.1	1	7.9	00.0-22.6			
\$15,000- 24,999	158	17,944	6	3.1	00.4-05.8	126	74.3	64.5-84.1	24	21.7	12.1-31.3				2	0.8	00.0-02.2
\$25,000- 34,999	196	19,287	4	2.9	00.0-06.8	159	79.7	71.7-87.7	31	16.0	08.7-23.3				2	1.4	00.0-03.4
\$35,000- 49,999	269	25,926	7	3.8	00.5-07.1	217	81.1	74.8-87.4	41	14.5	09.0-20.0				4	0.6	00.0-01.2
\$50,000- 99,999	648	64,014	15	2.3	00.7-03.9	463	71.5	66.8-76.2	166	25.2	20.7-29.7	2	0.8	00.0-02.2	2	0.2	00.0-00.4
\$100,000- 199,999	414	43,506	8	1.7	00.3-03.1	291	69.5	63.8-75.2	114	28.5	23.0-34.0	1	0.3	00.0-00.9			
\$200,000+	100	11,403	3	2.6	00.0-05.7	67	64.7	52.5-76.9	30	32.7	20.7-44.7						

NOTE:

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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 10: WITHIN THE PAST 12 MONTHS AT WORK, DO YOU FEEL YOU WERE TREATED WORSE THAN, THE SAME AS, OR BETTER THAN PEOPLE OF OTHER RACES? (RRATWRK2)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Worse than Other Races			Same as Other Races			Better than Other Races			Worse than Some Races, Better than Others			Only Encountered People of the Same Race		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	2037	251,783	49	3.2	02.2-04.2	1874	91.2	89.6-92.8	96	4.6	03.4-05.8	5	0.4	00.0-00.8	13	0.6	00.2-01.0
Male	1078	138,145	29	3.4	01.8-05.0	996	91.8	89.6-94.0	46	4.0	02.6-05.4	4	0.6	00.0-01.2	3	0.2	00.0-00.6
Female	959	113,638	20	2.9	01.3-04.5	878	90.4	88.0-92.8	50	5.4	03.6-07.2	1	0.3	00.0-00.9	10	1.0	00.2-01.8
Native	59	9,177	2	4.6	00.0-11.1	57	95.4	88.9-0100									
Non-Native	1960	240,392	46	3.1	01.9-04.3	1801	91.0	89.4-92.6	95	4.8	03.6-06.0	5	0.5	00.1-00.9	13	0.6	00.2-01.0
18-24	152	40,236	4	3.3	00.0-06.8	141	91.0	85.5-96.5	4	3.3	00.0-06.8	2	1.4	00.0-03.4	1	0.9	00.0-02.7
25-34	340	61,039	8	3.4	01.0-05.8	305	88.3	84.4-92.2	23	7.0	03.9-10.1	1	0.4	00.0-01.2	3	0.8	00.0-01.8
35-44	442	57,173	16	4.7	02.2-07.2	405	91.3	88.2-94.4	18	3.6	01.8-05.4				3	0.5	00.0-01.1
45-54	478	45,476	12	2.5	00.9-04.1	441	93.1	90.7-95.5	22	3.8	02.0-05.6	2	0.6	00.0-01.4	1	0.1	00.0-00.3
55-64	417	35,430	7	1.9	00.3-03.5	389	93.0	90.3-95.7	20	4.7	02.5-06.9				1	0.4	00.0-01.2
65+	208	12,429	2	1.3	00.0-03.3	193	92.6	88.3-96.9	9	4.6	01.1-08.1				4	1.4	00.0-02.8
H.S. or G.E.D.	442	62,225	15	4.7	02.0-07.4	413	91.6	88.1-95.1	11	2.3	00.7-03.9	1	0.5	00.0-01.5	2	0.8	00.0-02.0
Some Post-H.S.	580	92,464	17	3.3	01.7-04.9	534	91.2	88.5-93.9	22	4.2	02.2-06.2	4	0.8	00.0-01.6	3	0.5	00.0-01.1
College Graduate	978	85,423	15	1.5	00.7-02.3	894	91.4	89.4-93.4	61	6.5	04.7-08.3				8	0.6	00.2-01.0
\$25,000- 34,999	123	18,499	4	4.5	00.0-09.2	112	89.5	82.8-96.2	6	5.4	00.7-10.1	1	0.7	00.0-02.1			
\$35,000- 49,999	191	26,398	4	2.9	00.0-06.0	180	93.3	88.8-97.8	5	2.2	00.0-04.4				2	1.6	00.0-04.3
\$50,000- 99,999	685	82,560	18	3.5	01.5-05.5	630	91.2	88.5-93.9	29	4.0	02.2-05.8	2	0.6	00.0-01.4	6	0.7	00.1-01.3
\$100,000- 199,999	660	74,640	13	2.5	01.1-03.9	610	91.5	88.8-94.2	32	5.3	02.9-07.7				5	0.7	00.0-01.5
\$200,000+	137	15,394	2	1.3	00.0-03.3	121	89.7	84.4-95.0	13	8.1	03.4-12.8	1	0.8	00.0-02.4			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 11: WITHIN THE PAST 12 MONTHS AT WORK, DO YOU FEEL YOU WERE TREATED WORSE THAN, THE SAME AS, OR BETTER THAN PEOPLE OF OTHER RACES? (RRATWRK2)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Worse than Other Races			Same as Other Races			Better than Other Races			Worse than Some Races, Better than Others			Only Encountered People of the Same Race		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	1078	138,145	29	3.4	01.8-05.0	996	91.8	89.6-94.0	46	4.0	02.6-05.4	4	0.6	00.0-01.2	3	0.2	00.0-00.6
Non-Native	1040	132,236	27	3.4	01.8-05.0	960	91.6	89.4-93.8	46	4.2	02.6-05.8	4	0.6	00.0-01.2	3	0.3	00.0-00.7
18-24	88	21,798	2	3.7	00.0-09.4	84	92.6	85.0-0100	1	2.5	00.0-07.4	1	1.2	00.0-03.4			
25-34	197	35,361	6	4.3	01.0-07.6	182	90.4	85.5-95.3	7	4.2	00.9-07.5	1	0.7	00.0-02.1	1	0.4	00.0-01.2
35-44	255	31,307	9	3.9	01.2-06.6	236	92.8	89.5-96.1	10	3.3	01.1-05.5						
45-54	244	24,678	5	1.9	00.0-03.9	225	92.6	89.1-96.1	12	4.4	01.7-07.1	2	1.0	00.0-02.4			
55-64	194	18,757	5	2.9	00.4-05.4	177	91.1	86.8-95.4	11	5.2	01.9-08.5				1	0.8	00.0-02.4
65+	100	6,244	2	2.6	00.0-06.3	92	90.3	83.0-97.6	5	6.2	00.0-12.5				1	0.9	00.0-02.7
H.S. or G.E.D.	272	38,191	7	4.2	00.5-07.9	258	93.8	89.7-97.9	6	1.6	00.2-03.0				1	0.4	00.0-01.2
Some Post-H.S.	327	53,890	12	4.1	01.6-06.6	298	90.7	87.2-94.2	12	3.6	01.2-06.0	4	1.4	00.0-02.8	1	0.3	00.0-00.9
College Graduate	452	37,893	10	2.5	00.7-04.3	415	91.4	88.5-94.3	26	5.9	03.5-08.3				1	0.1	00.0-00.3
\$25,000- 34,999	58	8,675	2	4.2	00.0-10.1	51	88.7	80.3-97.1	4	5.6	00.1-11.1	1	1.5	00.0-04.4			
\$35,000- 49,999	83	12,715				80	96.8	93.1-0100	3	3.2	00.0-06.9						
\$50,000- 99,999	358	46,481	10	3.3	00.9-05.7	330	91.7	88.4-95.0	13	3.2	01.2-05.2	2	1.1	00.0-02.7	3	0.7	00.0-01.7
\$100,000- 199,999	380	43,967	9	3.0	00.8-05.2	355	91.3	87.4-95.2	16	5.6	02.1-09.1						
\$200,000+	77	8,621	1	1.6	00.0-04.7	69	92.2	86.5-97.9	6	4.7	00.8-08.6	1	1.5	00.0-04.4			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 12: WITHIN THE PAST 12 MONTHS AT WORK, DO YOU FEEL YOU WERE TREATED WORSE THAN, THE SAME AS, OR BETTER THAN PEOPLE OF OTHER RACES? (RRATWRK2)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Worse than Other Races			Same as Other Races			Better than Other Races			Worse than Some Races, Better than Others			Only Encountered People of the Same Race		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	959	113,638	20	2.9	01.3-04.5	878	90.4	88.0-92.8	50	5.4	03.6-07.2	1	0.3	00.0-00.9	10	1.0	00.2-01.8
Non-Native	920	108,156	19	2.8	01.2-04.4	841	90.3	87.8-92.8	49	5.5	03.7-07.3	1	0.3	00.0-00.9	10	1.1	00.1-02.1
18-24	64	18,438	2	2.9	00.0-06.8	57	89.0	81.2-96.8	3	4.3	00.0-09.2	1	1.8	00.0-05.3	1	2.0	00.0-05.9
25-34	143	25,677	2	2.1	00.0-05.2	123	85.6	79.1-92.1	16	10.9	05.2-16.6				2	1.5	00.0-03.7
35-44	187	25,866	7	5.6	00.9-10.3	169	89.4	84.1-94.7	8	3.9	01.2-06.6				3	1.0	00.0-02.2
45-54	234	20,798	7	3.1	00.6-05.6	216	93.8	90.7-96.9	10	3.0	01.0-05.0				1	0.2	00.0-00.6
55-64	223	16,673	2	0.8	00.0-02.0	212	95.2	92.1-98.3	9	4.0	01.1-06.9						
65+	108	6,185				101	95.0	91.1-98.9	4	3.0	00.0-06.3				3	2.0	00.0-04.2
H.S. or G.E.D.	170	24,034	8	5.7	01.6-09.8	155	88.0	81.7-94.3	5	3.5	00.2-06.8	1	1.4	00.0-04.1	1	1.5	00.0-04.4
Some Post-H.S.	253	38,574	5	2.1	00.1-04.1	236	91.9	87.6-96.2	10	5.2	01.7-08.7				2	0.8	00.0-02.2
College Graduate	526	47,530	5	0.6	00.0-01.2	479	91.5	89.0-94.0	35	6.9	04.4-09.4				7	1.1	00.3-01.9
\$25,000- 34,999	65	9,824	2	4.7	00.0-12.0	61	90.1	80.1-0100	2	5.2	00.0-12.5						
\$35,000- 49,999	108	13,683	4	5.7	00.0-11.6	100	89.9	82.1-97.7	2	1.4	00.0-03.4				2	3.0	00.0-08.3
\$50,000- 99,999	327	36,079	8	3.8	00.7-06.9	300	90.5	86.2-94.8	16	5.1	02.2-08.0				3	0.6	00.0-01.4
\$100,000- 199,999	280	30,673	4	1.6	00.0-03.4	255	91.8	88.1-95.5	16	4.9	02.2-07.6				5	1.7	00.0-03.7
\$200,000+	60	6,773	1	1.0	00.0-03.0	52	86.6	77.2-96.0	7	12.4	03.2-21.6						

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 13: WITHIN THE PAST 12 MONTHS WHEN SEEKING HEALTH CARE, DO YOU FEEL YOUR EXPERIENCES WERE WORSE THAN, THE SAME AS, OR BETTER THAN FOR PEOPLE OF OTHER RACES? (RRHCARE4)**

Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Worse than Other Races			Same as Other Races			Better than Other Races			Worse than Some Races, Better than Others			Only Encountered People of the Same Race		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4371	461,750	62	1.6	01.2-02.0	3739	87.1	85.9-88.3	544	10.8	09.6-12.0	6	0.2	00.0-00.4	20	0.3	00.1-00.5
Male	2167	239,963	36	2.1	01.3-02.9	1895	88.8	87.2-90.4	224	8.5	07.1-09.9	6	0.3	00.1-00.5	6	0.2	00.0-00.4
Female	2204	221,787	26	1.0	00.6-01.4	1844	85.1	83.1-87.1	320	13.4	11.6-15.2				14	0.4	00.2-00.6
Native	121	17,369	13	7.0	02.5-11.5	100	85.3	77.7-92.9	8	7.8	01.3-14.3						
Non-Native	4204	439,148	48	1.4	01.0-01.8	3594	87.0	85.8-88.2	536	11.1	09.9-12.3	6	0.2	00.0-00.4	20	0.3	00.1-00.5
18-24	232	64,813	3	1.1	00.0-02.5	205	88.1	83.4-92.8	24	10.8	06.3-15.3						
25-34	434	83,172	6	1.5	00.3-02.7	381	88.3	85.0-91.6	46	9.9	06.8-13.0	1	0.3	00.0-00.9			
35-44	588	79,098	13	2.2	01.0-03.4	510	88.3	85.6-91.0	62	9.2	06.7-11.7	1	0.1	00.0-00.3	2	0.3	00.0-00.7
45-54	627	61,929	10	1.6	00.4-02.8	555	89.5	86.8-92.2	59	8.4	06.0-10.8	2	0.4	00.0-01.0	1	0.1	00.0-00.3
55-64	747	67,960	16	2.9	01.3-04.5	645	86.3	83.4-89.2	84	10.6	08.1-13.1	1	0.2	00.0-00.6	1	0.0	00.0-00.0
65+	1743	104,778	14	0.8	00.2-01.4	1443	83.6	81.4-85.8	269	14.4	12.4-16.4	1	0.1	00.0-00.3	16	1.1	00.5-01.7
Less Than H.S.	123	32,376	3	2.3	00.0-05.0	111	93.0	88.5-97.5	9	4.6	00.9-08.3						
H.S. or G.E.D.	1055	117,175	17	1.5	00.7-02.3	943	89.5	87.0-92.0	89	8.5	06.1-10.9	1	0.1	00.0-00.3	5	0.5	00.1-00.9
Some Post-H.S.	1386	180,083	25	2.1	01.1-03.1	1208	87.7	85.5-89.9	146	9.8	07.8-11.8	4	0.3	00.0-00.7	3	0.1	00.0-00.3
College Graduate	1799	131,284	17	0.9	00.5-01.3	1471	82.6	80.6-84.6	298	16.0	14.0-18.0	1	0.0	00.0-00.0	12	0.5	00.1-00.9
Less than \$15,000	110	13,209	4	4.2	00.0-08.7	83	76.0	65.0-87.0	22	18.9	08.7-29.1				1	0.8	00.0-02.4
\$15,000- 24,999	242	27,957	8	3.8	00.9-06.7	194	80.4	74.1-86.7	38	15.3	09.6-21.0				2	0.5	00.0-01.5
\$25,000- 34,999	360	39,238	9	2.1	00.5-03.7	311	86.8	82.3-91.3	34	9.2	05.1-13.3	3	0.9	00.0-01.9	3	0.9	00.0-01.9
\$35,000- 49,999	509	49,872	10	3.2	01.0-05.4	446	89.1	85.8-92.4	49	7.4	04.7-10.1				4	0.3	00.0-00.7
\$50,000- 99,999	1291	136,231	11	0.8	00.2-01.4	1096	86.3	83.9-88.7	178	12.4	10.0-14.8	2	0.2	00.0-00.6	4	0.2	00.0-00.4
\$100,000- 199,999	942	101,364	10	1.0	00.2-01.8	809	88.0	85.6-90.4	123	11.0	08.8-13.2						
\$200,000+	251	27,367	1	0.9	00.0-02.7	214	86.1	80.8-91.4	36	13.0	07.9-18.1						

NOTE:

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Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 14: WITHIN THE PAST 12 MONTHS WHEN SEEKING HEALTH CARE, DO YOU FEEL YOUR EXPERIENCES WERE WORSE THAN, THE SAME AS, OR BETTER THAN FOR PEOPLE OF OTHER RACES? (RRHCARE4)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Worse than Other Races			Same as Other Races			Better than Other Races			Worse than Some Races, Better than Others			Only Encountered People of the Same Race		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2167	239,963	36	2.1	01.3-02.9	1895	88.8	87.2-90.4	224	8.5	07.1-09.9	6	0.3	00.1-00.5	6	0.2	00.0-00.4
Native	58	8,865	5	7.7	00.4-15.0	49	82.5	70.3-94.7	4	9.7	00.0-20.1						
Non-Native	2083	228,413	31	2.0	01.2-02.8	1820	89.0	87.4-90.6	220	8.5	07.1-09.9	6	0.3	00.0-00.7	6	0.2	00.0-00.4
18-24	137	35,306	3	2.0	00.0-04.4	126	92.0	86.7-97.3	8	5.9	01.2-10.6						
25-34	241	44,996	6	2.7	00.5-04.9	217	90.0	85.9-94.1	17	6.8	03.3-10.3	1	0.6	00.0-01.8			
35-44	328	41,240	7	2.0	00.4-03.6	296	91.7	88.6-94.8	22	5.6	02.9-08.3	1	0.1	00.0-00.3	2	0.6	00.0-01.4
45-54	325	32,906	8	2.6	00.6-04.6	291	90.7	87.4-94.0	24	6.0	03.5-08.5	2	0.7	00.0-01.7			
55-64	356	35,461	7	3.0	00.6-05.4	313	87.0	82.9-91.1	35	9.6	06.1-13.1	1	0.3	00.0-00.9			
65+	780	50,054	5	1.0	00.0-02.0	652	83.4	80.3-86.5	118	15.0	12.1-17.9	1	0.2	00.0-00.6	4	0.5	00.0-01.1
Less Than H.S.	65	17,943	3	4.2	00.0-09.1	56	90.9	84.4-97.4	6	4.9	00.6-09.2						
H.S. or G.E.D.	574	67,570	10	1.8	00.6-03.0	516	89.8	86.5-93.1	45	8.0	04.9-11.1	1	0.2	00.0-00.6	2	0.3	00.0-00.7
Some Post-H.S.	689	94,931	16	2.8	01.4-04.2	610	89.5	87.0-92.0	58	6.9	04.7-09.1	4	0.6	00.0-01.2	1	0.1	00.0-00.3
College Graduate	835	58,926	7	0.9	00.1-01.7	710	86.1	83.6-88.6	114	12.6	10.1-15.1	1	0.1	00.0-00.3	3	0.3	00.0-00.7
Less than \$15,000	50	5,715	2	6.7	00.0-15.7	38	75.0	59.9-90.1	9	16.3	03.6-29.0				1	2.0	00.0-05.9
\$15,000- 24,999	89	10,720	6	8.4	01.3-15.5	71	76.5	65.5-87.5	12	15.1	06.1-24.1						
\$25,000- 34,999	168	20,480	4	2.7	00.0-05.4	148	87.9	82.0-93.8	13	7.7	02.6-12.8	3	1.7	00.0-03.7			
\$35,000- 49,999	237	23,944	5	3.2	00.3-06.1	205	86.9	81.6-92.2	26	9.6	05.1-14.1				1	0.3	00.0-00.9
\$50,000- 99,999	665	74,209	7	1.3	00.3-02.3	577	89.0	86.1-91.9	76	9.0	06.3-11.7	2	0.4	00.0-01.2	3	0.4	00.0-00.8
\$100,000- 199,999	551	59,753	7	1.4	00.2-02.6	490	90.8	88.3-93.3	54	7.9	05.5-10.3						
\$200,000+	152	15,738	1	1.6	00.0-04.5	133	89.2	82.7-95.7	18	9.3	03.4-15.2						

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 15: WITHIN THE PAST 12 MONTHS WHEN SEEKING HEALTH CARE, DO YOU FEEL YOUR EXPERIENCES WERE WORSE THAN, THE SAME AS, OR BETTER THAN FOR PEOPLE OF OTHER RACES? (RRHCARE4)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Worse than Other Races			Same as Other Races			Better than Other Races			Only Encountered People of the Same Race		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2204	221,787	26	1.0	00.6-01.4	1844	85.1	83.1-87.1	320	13.4	11.6-15.2	14	0.4	00.2-00.6
Native	63	8,504	8	6.2	01.3-11.1	51	88.1	79.5-96.7	4	5.7	00.0-13.0			
Non-Native	2121	210,735	17	0.8	00.4-01.2	1774	84.9	82.9-86.9	316	13.9	11.9-15.9	14	0.5	00.3-00.7
18-24	95	29,508				79	83.4	75.6-91.2	16	16.6	08.8-24.4			
25-34	193	38,175				164	86.4	81.3-91.5	29	13.6	08.5-18.7			
35-44	260	37,858	6	2.4	00.4-04.4	214	84.6	79.9-89.3	40	13.0	08.7-17.3			
45-54	302	29,023	2	0.5	00.0-01.3	264	88.1	83.8-92.4	35	11.2	06.9-15.5	1	0.2	00.0-00.6
55-64	391	32,499	9	2.7	00.5-04.9	332	85.6	81.5-89.7	49	11.7	08.2-15.2	1	0.1	00.0-00.3
65+	963	54,724	9	0.7	00.1-01.3	791	83.8	81.1-86.5	151	13.9	11.4-16.4	12	1.6	00.6-02.6
Less Than H.S.	58	14,433				55	95.7	89.4-0100	3	4.3	00.0-10.6			
H.S. or G.E.D.	481	49,604	7	1.0	00.2-01.8	427	89.1	85.2-93.0	44	9.1	05.4-12.8	3	0.8	00.0-01.6
Some Post-H.S.	697	85,152	9	1.4	00.4-02.4	598	85.6	82.3-88.9	88	12.9	09.6-16.2	2	0.1	00.0-00.3
College Graduate	964	72,358	10	0.9	00.3-01.5	761	79.7	76.6-82.8	184	18.7	15.8-21.6	9	0.7	00.1-01.3
Less than \$15,000	60	7,494	2	2.4	00.0-05.9	45	76.7	61.2-92.2	13	20.9	05.8-36.0			
\$15,000- 24,999	153	17,237	2	0.9	00.0-02.3	123	82.8	75.2-90.4	26	15.4	08.0-22.8	2	0.9	00.0-02.5
\$25,000- 34,999	192	18,757	5	1.5	00.0-03.1	163	85.7	78.8-92.6	21	10.9	04.4-17.4	3	2.0	00.0-04.2
\$35,000- 49,999	272	25,928	5	3.1	00.0-06.2	241	91.0	86.7-95.3	23	5.5	02.6-08.4	3	0.4	00.0-01.0
\$50,000- 99,999	626	62,021	4	0.3	00.0-00.7	519	83.1	79.2-87.0	102	16.5	12.6-20.4	1	0.1	00.0-00.3
\$100,000- 199,999	391	41,611	3	0.6	00.0-01.2	319	84.0	79.7-88.3	69	15.5	11.4-19.6			
\$200,000+	99	11,629				81	81.9	73.1-90.7	18	18.1	09.3-26.9			

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 16: WITHIN THE PAST 30 DAYS, HAVE YOU EXPERIENCED ANY PHYSICAL SYMPTOMS, FOR EXAMPLE, A HEADACHE, AN UPSET STOMACH, TENSING OF YOUR MUSCLES, OR A POUNDING HEART, AS A RESULT OF HOW YOU WERE TREATED BASED ON YOUR RACE? (RRPHYSM2)**

Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4828	503,364	87	2.1	01.5-02.7	4741	97.9	97.3-98.5
Male	2362	259,768	44	2.1	01.3-02.9	2318	97.9	97.1-98.7
Female	2466	243,596	43	2.0	01.2-02.8	2423	98.0	97.2-98.8
Native	128	18,720	14	9.0	03.5-14.5	114	91.0	85.5-96.5
Non-Native	4642	478,365	67	1.7	01.3-02.1	4575	98.3	97.9-98.7
18-24	247	69,870	7	2.7	00.5-04.9	240	97.3	95.1-99.5
25-34	460	87,183	10	2.2	00.8-03.6	450	97.8	96.4-99.2
35-44	622	84,077	17	2.5	01.3-03.7	605	97.5	96.3-98.7
45-54	672	67,595	14	2.5	00.9-04.1	658	97.5	95.9-99.1
55-64	818	73,962	15	1.6	00.6-02.6	803	98.4	97.4-99.4
65+	2009	120,677	24	1.2	00.6-01.8	1985	98.8	98.2-99.4
Less Than H.S.	142	35,152	5	2.6	00.1-05.1	137	97.4	94.9-99.9
H.S. or G.E.D.	1176	128,197	25	2.0	01.0-03.0	1151	98.0	97.0-99.0
Some Post-H.S.	1513	195,277	31	2.3	01.3-03.3	1482	97.7	96.7-98.7
College Graduate	1984	143,092	26	1.6	00.8-02.4	1958	98.4	97.6-99.2
Less than \$15,000	125	14,829	9	6.6	01.5-11.7	116	93.4	88.3-98.5
\$15,000- 24,999	263	30,433	12	4.1	01.6-06.6	251	95.9	93.4-98.4
\$25,000- 34,999	400	42,508	13	3.2	01.2-05.2	387	96.8	94.8-98.8
\$35,000- 49,999	547	53,503	9	2.2	00.6-03.8	538	97.8	96.2-99.4
\$50,000- 99,999	1399	145,646	20	2.1	00.9-03.3	1379	97.9	96.7-99.1
\$100,000- 199,999	1020	108,675	7	0.5	00.1-00.9	1013	99.5	99.1-99.9
\$200,000+	264	28,778	4	1.6	00.0-03.6	260	98.4	96.4-0100

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 17: WITHIN THE PAST 30 DAYS, HAVE YOU EXPERIENCED ANY PHYSICAL SYMPTOMS, FOR EXAMPLE, A HEADACHE, AN UPSET STOMACH, TENSING OF YOUR MUSCLES, OR A POUNDING HEART, AS A RESULT OF HOW YOU WERE TREATED BASED ON YOUR RACE? (RRPHYSM2)**

Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2362	259,768	44	2.1	01.3-02.9	2318	97.9	97.1-98.7
Native	61	9,629	6	10.2	01.8-18.6	55	89.8	81.4-98.2
Non-Native	2268	246,664	35	1.7	01.1-02.3	2233	98.3	97.7-98.9
18-24	146	38,137	4	2.4	00.0-04.9	142	97.6	95.1-0100
25-34	254	46,990	7	3.0	00.8-05.2	247	97.0	94.8-99.2
35-44	346	43,940	7	1.8	00.4-03.2	339	98.2	96.8-99.6
45-54	342	35,145	10	3.5	01.1-05.9	332	96.5	94.1-98.9
55-64	390	39,073	7	1.6	00.2-03.0	383	98.4	97.0-99.8
65+	884	56,484	9	1.0	00.2-01.8	875	99.0	98.2-99.8
Less Than H.S.	76	19,261	3	3.6	00.0-07.9	73	96.4	92.1-0100
H.S. or G.E.D.	629	73,022	14	2.1	00.9-03.3	615	97.9	96.7-99.1
Some Post-H.S.	747	103,054	16	2.4	01.0-03.8	731	97.6	96.2-99.0
College Graduate	903	63,207	11	1.4	00.4-02.4	892	98.6	97.6-99.6
Less than \$15,000	58	6,595	5	8.1	00.8-15.4	53	91.9	84.6-99.2
\$15,000- 24,999	97	11,453	6	6.8	00.9-12.7	91	93.2	87.3-99.1
\$25,000- 34,999	182	21,786	9	4.4	01.1-07.7	173	95.6	92.3-98.9
\$35,000- 49,999	253	25,839	6	2.8	00.4-05.2	247	97.2	94.8-99.6
\$50,000- 99,999	716	78,554	8	1.4	00.2-02.6	708	98.6	97.4-99.8
\$100,000- 199,999	587	63,433	2	0.3	00.0-00.9	585	99.7	99.1-0100
\$200,000+	161	16,867	3	1.3	00.0-03.1	158	98.7	96.9-0100

NOTE:

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Rows with less than 50 observations have been suppressed.  
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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023  
MODULE 30: REACTIONS TO RACE**

**TABLE 18: WITHIN THE PAST 30 DAYS, HAVE YOU EXPERIENCED ANY PHYSICAL SYMPTOMS, FOR EXAMPLE, A HEADACHE, AN UPSET STOMACH, TENSING OF YOUR MUSCLES, OR A POUNDING HEART, AS A RESULT OF HOW YOU WERE TREATED BASED ON YOUR RACE? (RRPHYSM2)**

Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

Data was weighted using \_LLCPWWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2466	243,596	43	2.0	01.2-02.8	2423	98.0	97.2-98.8
Native	67	9,091	8	7.9	01.0-14.8	59	92.1	85.2-99.0
Non-Native	2374	231,700	32	1.6	00.8-02.4	2342	98.4	97.6-99.2
18-24	101	31,733	3	3.1	00.0-06.6	98	96.9	93.4-0100
25-34	206	40,193	3	1.4	00.0-03.2	203	98.6	96.8-0100
35-44	276	40,137	10	3.2	01.0-05.4	266	96.8	94.6-99.0
45-54	330	32,449	4	1.4	00.0-03.2	326	98.6	96.8-0100
55-64	428	34,889	8	1.7	00.5-02.9	420	98.3	97.1-99.5
65+	1125	64,193	15	1.5	00.7-02.3	1110	98.5	97.7-99.3
Less Than H.S.	66	15,891	2	1.5	00.0-03.9	64	98.5	96.1-0100
H.S. or G.E.D.	547	55,175	11	2.0	00.6-03.4	536	98.0	96.6-99.4
Some Post-H.S.	766	92,222	15	2.3	00.7-03.9	751	97.7	96.1-99.3
College Graduate	1081	79,885	15	1.7	00.7-02.7	1066	98.3	97.3-99.3
Less than \$15,000	67	8,234	4	5.5	00.0-12.6	63	94.5	87.4-0100
\$15,000- 24,999	166	18,979	6	2.5	00.3-04.7	160	97.5	95.3-99.7
\$25,000- 34,999	218	20,722	4	1.8	00.0-03.8	214	98.2	96.2-0100
\$35,000- 49,999	294	27,664	3	1.6	00.0-03.6	291	98.4	96.4-0100
\$50,000- 99,999	683	67,091	12	2.8	00.8-04.8	671	97.2	95.2-99.2
\$100,000- 199,999	433	45,242	5	0.8	00.0-01.6	428	99.2	98.4-0100
\$200,000+	103	11,911	1	2.1	00.0-06.2	102	97.9	93.8-0100

NOTE:

'% = Percentage, C.I. (95%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.  
Rows with less than 50 observations have been suppressed.  
Cells that contain a Confidence Interval with a RSE > 0.30 have been suppressed.'

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA MODULE QUESTIONS DATA REPORT, 2023**

End of Module Data Report