

# NORTH DAKOTA

## 2023 Calculated Variables Report

### Behavioral Risk Factor Surveillance System

May 22, 2024

BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 1: HEALTH STATUS 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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TABLE		PAGE
	ADULTS WITH GOOD OR BETTER HEALTH (_RFHLTH)	
1	MALES AND FEMALES	3
2	MALES ONLY	4
3	FEMALES ONLY	5

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 1: HEALTH STATUS**

**TABLE 1: ADULTS WITH GOOD OR BETTER HEALTH (\_RFHLTH)**

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

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Good or Better Health			Fair or Poor Health		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5730	605,286	4792	84.7	83.5-85.9	938	15.3	14.1-16.5
Male	2803	308,877	2394	86.9	85.3-88.5	409	13.1	11.5-14.7
Female	2927	296,409	2398	82.4	80.6-84.2	529	17.6	15.8-19.4
Native	162	24,422	113	74.7	66.5-82.9	49	25.3	17.1-33.5
Non-Native	5480	570,977	4606	85.1	83.9-86.3	874	14.9	13.7-16.1
18-24	308	85,750	271	87.2	82.9-91.5	37	12.8	8.5-17.1
25-34	580	108,491	523	88.0	84.9-91.1	57	12.0	8.9-15.1
35-44	756	103,957	677	88.6	85.9-91.3	79	11.4	8.7-14.1
45-54	819	81,312	726	88.3	85.8-90.8	93	11.7	9.2-14.2
55-64	964	88,033	809	82.7	79.8-85.6	155	17.3	14.4-20.2
65+	2303	137,742	1786	76.8	74.6-79.0	517	23.2	21.0-25.4
Less Than H.S.	168	42,159	110	66.9	58.1-75.7	58	33.1	24.3-41.9
H.S. or G.E.D.	1441	159,681	1131	82.4	80.0-84.8	310	17.6	15.2-20.0
Some Post-H.S.	1779	231,781	1467	84.7	82.7-86.7	312	15.3	13.3-17.3
College Graduate	2322	169,610	2065	91.2	90.0-92.4	257	8.8	7.6-10.0
Less than \$15,000	147	17,964	76	55.7	44.3-67.1	71	44.3	32.9-55.7
\$15,000- 24,999	309	36,195	190	67.4	60.9-73.9	119	32.6	26.1-39.1
\$25,000- 34,999	457	48,636	323	72.3	66.8-77.8	134	27.7	22.2-33.2
\$35,000- 49,999	629	61,415	497	79.0	74.9-83.1	132	21.0	16.9-25.1
\$50,000- 99,999	1554	164,681	1383	89.8	87.8-91.8	171	10.2	8.2-12.2
\$100,000 - 199,999	1150	124,134	1078	94.3	92.7-95.9	72	5.7	4.1- 7.3

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.  
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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 1: HEALTH STATUS**

**TABLE 2: ADULTS WITH GOOD OR BETTER HEALTH (\_RFHLTH)**

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		Good or Better Health			Fair or Poor Health		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2803	308,877	2394	86.9	85.3-88.5	409	13.1	11.5-14.7
Native	69	10,822	48	73.7	61.4-86.0	21	26.3	14.0-38.6
Non-Native	2683	292,671	2301	87.4	85.8-89.0	382	12.6	11.0-14.2
18-24	178	45,353	157	87.1	81.0-93.2	21	12.9	6.8-19.0
25-34	317	58,044	294	92.3	89.0-95.6	23	7.7	4.4-11.0
35-44	421	54,181	387	91.7	88.8-94.6	34	8.3	5.4-11.2
45-54	422	42,395	380	89.8	86.5-93.1	42	10.2	6.9-13.5
55-64	452	44,575	380	83.7	79.8-87.6	72	16.3	12.4-20.2
65+	1013	64,328	796	78.3	75.2-81.4	217	21.7	18.6-24.8
Less Than H.S.	93	22,975	66	72.3	61.1-83.5	27	27.7	16.5-38.9
H.S. or G.E.D.	773	90,020	632	85.6	82.9-88.3	141	14.4	11.7-17.1
Some Post-H.S.	861	118,719	731	87.4	85.0-89.8	130	12.6	10.2-15.0
College Graduate	1065	75,659	954	91.8	90.0-93.6	111	8.2	6.4-10.0
Less than \$15,000	66	7,230	37	53.1	37.2-69.0	29	46.9	31.0-62.8
\$15,000- 24,999	116	13,499	72	71.2	61.6-80.8	44	28.8	19.2-38.4
\$25,000- 34,999	204	23,678	143	71.3	63.3-79.3	61	28.7	20.7-36.7
\$35,000- 49,999	297	29,968	227	77.2	71.1-83.3	70	22.8	16.7-28.9
\$50,000- 99,999	809	90,407	730	92.3	90.3-94.3	79	7.7	5.7- 9.7
\$100,000 - 199,999	654	71,569	612	94.4	92.4-96.4	42	5.6	3.6- 7.6

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 1: HEALTH STATUS**

**TABLE 3: ADULTS WITH GOOD OR BETTER HEALTH (\_RFHLTH)**

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		Good or Better Health			Fair or Poor Health		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2927	296,409	2398	82.4	80.6-84.2	529	17.6	15.8-19.4
Native	93	13,600	65	75.5	64.5-86.5	28	24.5	13.5-35.5
Non-Native	2797	278,307	2305	82.8	80.8-84.8	492	17.2	15.2-19.2
18-24	130	40,397	114	87.3	81.0-93.6	16	12.7	6.4-19.0
25-34	263	50,447	229	83.2	77.7-88.7	34	16.8	11.3-22.3
35-44	335	49,776	290	85.2	80.7-89.7	45	14.8	10.3-19.3
45-54	397	38,917	346	86.6	82.9-90.3	51	13.4	9.7-17.1
55-64	512	43,458	429	81.6	77.1-86.1	83	18.4	13.9-22.9
65+	1290	73,414	990	75.6	72.7-78.5	300	24.4	21.5-27.3
Less Than H.S.	75	19,185	44	60.4	46.9-73.9	31	39.6	26.1-53.1
H.S. or G.E.D.	668	69,660	499	78.2	74.3-82.1	169	21.8	17.9-25.7
Some Post-H.S.	918	113,062	736	81.9	79.0-84.8	182	18.1	15.2-21.0
College Graduate	1257	93,951	1111	90.6	88.8-92.4	146	9.4	7.6-11.2
Less than \$15,000	81	10,735	39	57.4	41.7-73.1	42	42.6	26.9-58.3
\$15,000- 24,999	193	22,697	118	65.2	56.8-73.6	75	34.8	26.4-43.2
\$25,000- 34,999	253	24,958	180	73.3	65.7-80.9	73	26.7	19.1-34.3
\$35,000- 49,999	332	31,447	270	80.7	75.0-86.4	62	19.3	13.6-25.0
\$50,000- 99,999	745	74,274	653	86.8	83.5-90.1	92	13.2	9.9-16.5
\$100,000 - 199,999	496	52,565	466	94.1	91.7-96.5	30	5.9	3.5- 8.3

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BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 2: HEALTHY DAYS 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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TABLE	PAGE
3 LEVEL NOT GOOD PHYSICAL HEALTH STATUS: 0 DAYS, 1-13 DAYS, 14-30 DAYS (_PHYS14D)	
1 MALES AND FEMALES	7
2 MALES ONLY	8
3 FEMALES ONLY	9
3 LEVEL NOT GOOD MENTAL HEALTH STATUS: 0 DAYS, 1-13 DAYS, 14-30 DAYS (_MENT14D)	
4 MALES AND FEMALES	10
5 MALES ONLY	11
6 FEMALES ONLY	12

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 2: HEALTHY DAYS**

**TABLE 1: 3 LEVEL NOT GOOD PHYSICAL HEALTH STATUS: 0 DAYS, 1-13 DAYS, 14-30 DAYS (\_PHYS14D)**  
**Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Zero days when physical health not good			1-13 days when physical health not good			14+ days when physical health not good		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5591	590,780	3640	65.1	63.5-66.7	1330	24.7	23.1-26.3	621	10.3	9.3-11.3
Male	2736	301,254	1904	69.9	67.7-72.1	579	22.3	20.3-24.3	253	7.8	6.6- 9.0
Female	2855	289,526	1736	60.0	57.6-62.4	751	27.2	24.8-29.6	368	12.8	11.2-14.4
Native	157	23,587	91	66.4	56.6-76.2	41	23.2	14.0-32.4	25	10.4	5.5-15.3
Non-Native	5351	557,712	3490	64.9	63.1-66.7	1275	24.9	23.3-26.5	586	10.2	9.2-11.2
18-24	300	83,163	181	57.5	51.2-63.8	96	33.6	27.5-39.7	23	8.8	5.1-12.5
25-34	571	106,653	384	65.3	60.8-69.8	150	27.4	23.1-31.7	37	7.3	4.9- 9.7
35-44	744	101,842	501	68.5	64.8-72.2	181	23.0	19.7-26.3	62	8.5	6.3-10.7
45-54	807	79,762	544	69.7	66.2-73.2	192	21.7	18.6-24.8	71	8.7	6.5-10.9
55-64	946	86,450	604	64.4	60.7-68.1	213	21.0	18.1-23.9	129	14.6	11.7-17.5
65+	2223	132,911	1426	64.6	62.2-67.0	498	22.4	20.2-24.6	299	13.1	11.3-14.9
Less Than H.S.	154	39,227	86	49.2	39.6-58.8	40	33.2	23.6-42.8	28	17.6	10.5-24.7
H.S. or G.E.D.	1394	155,060	898	65.2	62.1-68.3	307	23.3	20.4-26.2	189	11.5	9.3-13.7
Some Post-H.S.	1738	226,903	1124	65.1	62.4-67.8	398	24.1	21.6-26.6	216	10.8	9.2-12.4
College Graduate	2286	167,596	1517	68.2	66.0-70.4	581	25.0	22.8-27.2	188	6.8	5.6- 8.0
Less than \$15,000	134	16,604	62	51.4	39.2-63.6	30	19.5	9.1-29.9	42	29.1	18.7-39.5
\$15,000- 24,999	297	34,350	135	47.4	40.0-54.8	82	27.6	21.1-34.1	80	25.0	18.5-31.5
\$25,000- 34,999	441	47,542	224	52.2	45.7-58.7	128	30.6	24.7-36.5	89	17.1	12.6-21.6
\$35,000- 49,999	616	60,169	384	60.3	55.2-65.4	143	25.6	20.9-30.3	89	14.1	10.6-17.6
\$50,000- 99,999	1533	162,349	1014	66.6	63.5-69.7	392	26.8	23.9-29.7	127	6.7	5.3- 8.1
\$100,000 - 199,999	1140	123,188	808	70.9	67.6-74.2	264	23.1	20.0-26.2	68	6.0	4.2- 7.8

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 2: HEALTHY DAYS**

**TABLE 2: 3 LEVEL NOT GOOD PHYSICAL HEALTH STATUS: 0 DAYS, 1-13 DAYS, 14-30 DAYS (\_PHYS14D)**  
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		Zero days when physical health not good			1-13 days when physical health not good			14+ days when physical health not good		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2736	301,254	1904	69.9	67.7-72.1	579	22.3	20.3-24.3	253	7.8	6.6- 9.0
Native	68	10,516	47	77.7	66.7-88.7	13	15.6	6.2-25.0	8	6.8	0.9-12.7
Non-Native	2619	285,568	1818	69.4	67.0-71.8	559	22.7	20.5-24.9	242	7.9	6.7- 9.1
18-24	172	43,484	109	61.0	52.8-69.2	53	32.6	24.6-40.6	10	6.4	2.1-10.7
25-34	310	56,649	219	69.9	64.0-75.8	76	25.3	19.8-30.8	15	4.8	2.1- 7.5
35-44	416	53,650	302	74.4	69.9-78.9	90	20.1	16.0-24.2	24	5.5	3.1- 7.9
45-54	412	41,181	303	75.3	70.8-79.8	82	18.6	14.5-22.7	27	6.1	3.6- 8.6
55-64	444	43,773	301	69.4	64.3-74.5	89	18.9	14.6-23.2	54	11.7	8.4-15.0
65+	982	62,516	670	69.1	65.6-72.6	189	19.0	16.1-21.9	123	11.8	9.3-14.3
Less Than H.S.	86	21,335	51	57.5	44.8-70.2	22	29.3	17.3-41.3	13	13.2	4.8-21.6
H.S. or G.E.D.	754	87,709	521	70.4	66.5-74.3	154	22.2	18.5-25.9	79	7.4	5.4- 9.4
Some Post-H.S.	841	116,320	579	69.6	65.9-73.3	178	22.2	18.9-25.5	84	8.2	6.2-10.2
College Graduate	1045	74,447	744	72.9	69.8-76.0	224	20.9	18.2-23.6	77	6.2	4.6- 7.8
Less than \$15,000	61	6,746	30	44.0	28.1-59.9	17	24.6	12.1-37.1	14	31.4	14.2-48.6
\$15,000- 24,999	110	12,478	56	54.3	42.1-66.5	25	25.7	15.3-36.1	29	20.0	10.6-29.4
\$25,000- 34,999	195	22,975	105	57.7	48.7-66.7	54	26.1	18.1-34.1	36	16.2	9.7-22.7
\$35,000- 49,999	289	29,235	186	62.6	55.5-69.7	62	24.3	17.8-30.8	41	13.1	8.4-17.8
\$50,000- 99,999	794	88,700	555	70.3	66.2-74.4	183	24.8	20.9-28.7	56	4.9	3.3- 6.5
\$100,000 - 199,999	648	70,990	481	75.8	71.9-79.7	132	19.9	16.2-23.6	35	4.3	2.5- 6.1

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 2: HEALTHY DAYS**

**TABLE 3: 3 LEVEL NOT GOOD PHYSICAL HEALTH STATUS: 0 DAYS, 1-13 DAYS, 14-30 DAYS (\_PHYS14D)**  
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		Zero days when physical health not good			1-13 days when physical health not good			14+ days when physical health not good		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2855	289,526	1736	60.0	57.6-62.4	751	27.2	24.8-29.6	368	12.8	11.2-14.4
Native	89	13,071	44	57.3	43.2-71.4	28	29.3	15.2-43.4	17	13.4	6.0-20.8
Non-Native	2732	272,144	1672	60.1	57.6-62.6	716	27.2	24.8-29.6	344	12.7	10.9-14.5
18-24	128	39,679	72	53.7	44.3-63.1	43	34.8	25.8-43.8	13	11.5	5.2-17.8
25-34	261	50,004	165	60.1	53.2-67.0	74	29.8	23.1-36.5	22	10.2	6.1-14.3
35-44	328	48,191	199	62.0	56.1-67.9	91	26.3	20.8-31.8	38	11.7	7.8-15.6
45-54	395	38,581	241	63.6	58.3-68.9	110	24.9	20.2-29.6	44	11.4	7.9-14.9
55-64	502	42,677	303	59.3	54.0-64.6	124	23.1	18.8-27.4	75	17.6	13.1-22.1
65+	1241	70,395	756	60.5	57.2-63.8	309	25.4	22.5-28.3	176	14.1	11.7-16.5
Less Than H.S.	68	17,892	35	39.3	25.8-52.8	18	37.9	22.8-53.0	15	22.9	11.1-34.7
H.S. or G.E.D.	640	67,351	377	58.3	53.2-63.4	153	24.7	20.2-29.2	110	16.9	13.0-20.8
Some Post-H.S.	897	110,583	545	60.5	56.4-64.6	220	26.0	22.3-29.7	132	13.5	11.0-16.0
College Graduate	1241	93,149	773	64.5	61.4-67.6	357	28.3	25.4-31.2	111	7.2	5.6- 8.8
Less than \$15,000	73	9,858	32	56.4	39.5-73.3	13	16.1	0.4-31.8	28	27.5	15.0-40.0
\$15,000- 24,999	187	21,872	79	43.4	34.2-52.6	57	28.7	20.5-36.9	51	27.9	19.5-36.3
\$25,000- 34,999	246	24,567	119	47.1	38.1-56.1	74	34.9	26.5-43.3	53	18.0	11.7-24.3
\$35,000- 49,999	327	30,934	198	58.1	50.8-65.4	81	26.9	20.0-33.8	48	15.1	10.0-20.2
\$50,000- 99,999	739	73,649	459	62.1	57.6-66.6	209	29.2	24.7-33.7	71	8.8	6.4-11.2
\$100,000 - 199,999	492	52,198	327	64.3	58.8-69.8	132	27.4	22.3-32.5	33	8.2	4.7-11.7

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SECTION 2: HEALTHY DAYS**

**TABLE 4: 3 LEVEL NOT GOOD MENTAL HEALTH STATUS: 0 DAYS, 1-13 DAYS, 14-30 DAYS (\_MENT14D)  
Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Zero days when mental health not good			1-13 days when mental health not good			14+ days when mental health not good		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5641	595,583	3713	58.7	56.9-60.5	1376	28.2	26.6-29.8	552	13.1	11.9-14.3
Male	2762	304,366	1980	66.7	64.3-69.1	563	24.0	21.8-26.2	219	9.2	7.8-10.6
Female	2879	291,217	1733	50.3	47.9-52.7	813	32.5	30.1-34.9	333	17.2	15.0-19.4
Native	160	23,984	89	52.8	42.6-63.0	50	35.6	25.8-45.4	21	11.7	5.8-17.6
Non-Native	5394	561,766	3561	58.7	56.9-60.5	1310	28.0	26.4-29.6	523	13.3	11.9-14.7
18-24	301	84,217	112	36.0	29.9-42.1	125	41.9	35.8-48.0	64	22.1	16.8-27.4
25-34	574	106,993	251	42.6	38.1-47.1	232	39.3	34.8-43.8	91	18.2	14.5-21.9
35-44	751	103,126	401	55.5	51.4-59.6	245	29.9	26.2-33.6	105	14.6	11.7-17.5
45-54	806	79,887	481	61.7	58.0-65.4	235	26.9	23.6-30.2	90	11.3	8.8-13.8
55-64	951	86,933	642	67.5	63.8-71.2	216	22.6	19.3-25.9	93	9.8	7.6-12.0
65+	2258	134,428	1826	80.8	78.8-82.8	323	13.7	12.1-15.3	109	5.5	4.3- 6.7
Less Than H.S.	159	41,267	99	52.3	42.7-61.9	31	23.4	15.0-31.8	29	24.3	15.9-32.7
H.S. or G.E.D.	1408	156,076	925	59.0	55.7-62.3	313	26.1	23.0-29.2	170	14.8	12.3-17.3
Some Post-H.S.	1747	228,014	1141	58.3	55.4-61.2	405	27.8	25.1-30.5	201	13.9	11.7-16.1
College Graduate	2309	168,315	1537	60.7	58.3-63.1	622	31.5	29.1-33.9	150	7.8	6.4- 9.2
Less than \$15,000	141	17,145	58	40.2	27.9-52.5	45	31.5	21.3-41.7	38	28.3	18.1-38.5
\$15,000- 24,999	300	35,169	161	46.1	38.8-53.4	71	23.9	17.8-30.0	68	30.0	22.9-37.1
\$25,000- 34,999	445	47,844	262	49.2	42.7-55.7	119	30.5	24.4-36.6	64	20.3	14.6-26.0
\$35,000- 49,999	618	59,831	401	55.6	50.5-60.7	149	26.9	22.2-31.6	68	17.5	13.0-22.0
\$50,000- 99,999	1542	163,257	1029	60.1	57.0-63.2	387	29.2	26.3-32.1	126	10.7	8.5-12.9
\$100,000 - 199,999	1141	123,084	766	62.4	58.9-65.9	304	29.5	26.2-32.8	71	8.2	6.0-10.4

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 2: HEALTHY DAYS**

**TABLE 5: 3 LEVEL NOT GOOD MENTAL HEALTH STATUS: 0 DAYS, 1-13 DAYS, 14-30 DAYS (\_MENT14D)**  
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		Zero days when mental health not good			1-13 days when mental health not good			14+ days when mental health not good		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2762	304,366	1980	66.7	64.3-69.1	563	24.0	21.8-26.2	219	9.2	7.8-10.6
Native	67	10,489	41	62.7	48.4-77.0	18	28.3	14.8-41.8	8	9.1	2.0-16.2
Non-Native	2644	288,493	1899	66.7	64.3-69.1	538	24.1	21.9-26.3	207	9.3	7.9-10.7
18-24	175	44,840	87	50.6	42.4-58.8	64	36.6	28.6-44.6	24	12.8	7.5-18.1
25-34	315	57,593	167	52.7	46.4-59.0	115	36.6	30.5-42.7	33	10.7	7.0-14.4
35-44	419	53,952	256	63.0	57.9-68.1	117	25.8	21.3-30.3	46	11.3	8.0-14.6
45-54	411	41,164	276	69.4	64.5-74.3	94	21.4	17.1-25.7	41	9.2	6.1-12.3
55-64	446	44,103	337	75.1	70.2-80.0	73	16.8	12.5-21.1	36	8.1	5.0-11.2
65+	996	62,715	857	86.7	84.3-89.1	100	8.9	6.9-10.9	39	4.3	2.7- 5.9
Less Than H.S.	87	22,612	58	62.5	50.0-75.0	17	22.8	11.6-34.0	12	14.7	6.1-23.3
H.S. or G.E.D.	757	87,843	527	65.3	61.2-69.4	158	25.0	21.1-28.9	72	9.7	7.3-12.1
Some Post-H.S.	849	117,341	605	67.0	63.1-70.9	167	23.4	19.9-26.9	77	9.6	7.2-12.0
College Graduate	1060	75,210	785	69.9	66.6-73.2	218	23.8	20.7-26.9	57	6.3	4.3- 8.3
Less than \$15,000	62	6,548	25	38.8	21.9-55.7	19	32.6	18.5-46.7	18	28.6	15.3-41.9
\$15,000- 24,999	114	13,358	69	57.8	46.0-69.6	19	17.4	9.2-25.6	26	24.8	14.4-35.2
\$25,000- 34,999	196	23,076	126	59.1	49.9-68.3	47	29.2	20.4-38.0	23	11.8	6.1-17.5
\$35,000- 49,999	290	29,292	203	63.0	55.7-70.3	60	23.4	16.9-29.9	27	13.6	8.1-19.1
\$50,000- 99,999	804	89,803	591	69.5	65.4-73.6	171	24.7	20.8-28.6	42	5.8	3.8- 7.8
\$100,000 - 199,999	647	70,752	474	68.8	64.3-73.3	133	23.4	19.3-27.5	40	7.8	4.9-10.7

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 2: HEALTHY DAYS**

**TABLE 6: 3 LEVEL NOT GOOD MENTAL HEALTH STATUS: 0 DAYS, 1-13 DAYS, 14-30 DAYS (\_MENT14D)**  
**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		Zero days when mental health not good			1-13 days when mental health not good			14+ days when mental health not good		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2879	291,217	1733	50.3	47.9-52.7	813	32.5	30.1-34.9	333	17.2	15.0-19.4
Native	93	13,495	48	45.1	31.4-58.8	32	41.2	27.5-54.9	13	13.7	5.1-22.3
Non-Native	2750	273,273	1662	50.4	47.9-52.9	772	32.2	29.8-34.6	316	17.5	15.3-19.7
18-24	126	39,377	25	19.3	11.9-26.7	61	48.0	38.6-57.4	40	32.7	23.7-41.7
25-34	259	49,401	84	30.7	24.4-37.0	117	42.4	35.7-49.1	58	26.9	20.6-33.2
35-44	332	49,173	145	47.3	41.0-53.6	128	34.3	28.6-40.0	59	18.4	13.7-23.1
45-54	395	38,723	205	53.6	47.9-59.3	141	32.9	27.6-38.2	49	13.5	9.4-17.6
55-64	505	42,830	305	59.8	54.5-65.1	143	28.7	23.8-33.6	57	11.6	8.3-14.9
65+	1262	71,712	969	75.5	72.6-78.4	223	17.9	15.4-20.4	70	6.6	4.8- 8.4
Less Than H.S.	72	18,655	41	40.0	26.5-53.5	14	24.1	11.6-36.6	17	35.9	21.6-50.2
H.S. or G.E.D.	651	68,233	398	51.0	45.9-56.1	155	27.7	23.0-32.4	98	21.4	16.9-25.9
Some Post-H.S.	898	110,674	536	49.1	45.0-53.2	238	32.4	28.3-36.5	124	18.5	15.0-22.0
College Graduate	1249	93,105	752	53.3	50.0-56.6	404	37.8	34.5-41.1	93	8.9	6.9-10.9
Less than \$15,000	79	10,597	33	41.1	24.0-58.2	26	30.8	16.9-44.7	20	28.1	13.8-42.4
\$15,000- 24,999	186	21,811	92	39.0	30.0-48.0	52	27.9	19.7-36.1	42	33.1	23.9-42.3
\$25,000- 34,999	249	24,768	136	40.1	31.9-48.3	72	31.7	23.3-40.1	41	28.2	19.2-37.2
\$35,000- 49,999	328	30,539	198	48.6	41.5-55.7	89	30.2	23.5-36.9	41	21.1	14.2-28.0
\$50,000- 99,999	738	73,454	438	48.6	43.9-53.3	216	34.8	30.1-39.5	84	16.6	12.9-20.3
\$100,000 - 199,999	494	52,332	292	53.7	48.2-59.2	171	37.7	32.2-43.2	31	8.6	5.1-12.1

NOTE:

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BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 3: HEALTH CARE ACCESS 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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TABLE	PAGE
ADULTS WHO HAD SOME FORM OF HEALTH INSURANCE (_HLTHPL1)	
1 MALES AND FEMALES	14
2 MALES ONLY	15
3 FEMALES ONLY	16
RESPONDENTS AGED 18-64 WHO HAVE ANY FORM OF HEALTH INSURANCE (_HCVU653)	
4 MALES AND FEMALES	17
5 MALES ONLY	18
6 FEMALES ONLY	19

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 3: HEALTH CARE ACCESS**

**TABLE 1: ADULTS WHO HAD SOME FORM OF HEALTH INSURANCE (\_HLTHPL1)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Have some form of insurance			Do not have some form of insurance		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5470	572,704	5285	95.3	94.5-96.1	185	4.7	3.9- 5.5
Male	2688	292,933	2569	93.9	92.5-95.3	119	6.1	4.7- 7.5
Female	2782	279,771	2716	96.8	96.0-97.6	66	3.2	2.4- 4.0
Native	157	22,977	150	95.0	90.9-99.1	7	5.0	0.9- 9.1
Non-Native	5238	541,737	5066	95.4	94.6-96.2	172	4.6	3.8- 5.4
18-24	258	71,557	243	94.2	91.1-97.3	15	5.8	2.7- 8.9
25-34	563	105,181	520	92.2	89.7-94.7	43	7.8	5.3-10.3
35-44	734	100,634	685	93.3	91.3-95.3	49	6.7	4.7- 8.7
45-54	792	78,757	754	95.2	93.6-96.8	38	4.8	3.2- 6.4
55-64	927	84,973	896	96.3	94.5-98.1	31	3.7	1.9- 5.5
65+	2196	131,603	2187	99.5	99.1-99.9	9	0.5	0.1- 0.9
Less Than H.S.	157	39,236	146	90.2	84.3-96.1	11	9.8	3.9-15.7
H.S. or G.E.D.	1355	148,551	1271	92.3	90.5-94.1	84	7.7	5.9- 9.5
Some Post-H.S.	1695	219,332	1639	96.2	95.0-97.4	56	3.8	2.6- 5.0
College Graduate	2252	164,635	2218	98.1	97.5-98.7	34	1.9	1.3- 2.5
Less than \$15,000	141	17,138	124	86.2	77.6-94.8	17	13.8	5.2-22.4
\$15,000- 24,999	295	34,804	278	92.4	88.5-96.3	17	7.6	3.7-11.5
\$25,000- 34,999	442	46,876	416	89.1	84.4-93.8	26	10.9	6.2-15.6
\$35,000- 49,999	608	58,613	583	93.8	91.1-96.5	25	6.2	3.5- 8.9
\$50,000- 99,999	1517	160,397	1472	95.9	94.5-97.3	45	4.1	2.7- 5.5
\$100,000 - 199,999	1125	121,351	1104	97.9	96.9-98.9	21	2.1	1.1- 3.1

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 3: HEALTH CARE ACCESS**

**TABLE 2: ADULTS WHO HAD SOME FORM OF HEALTH INSURANCE (\_HLTHPL1)**  
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		Have some form of insurance			Do not have some form of insurance		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2688	292,933	2569	93.9	92.5-95.3	119	6.1	4.7- 7.5
Native	68	10,298	64	92.1	83.9- 100	4	7.9	0.0-16.1
Non-Native	2578	278,468	2467	94.0	92.6-95.4	111	6.0	4.6- 7.4
18-24	144	36,724	135	92.3	87.0-97.6	9	7.7	2.4-13.0
25-34	306	56,076	276	89.0	84.9-93.1	30	11.0	6.9-15.1
35-44	410	52,775	379	92.2	89.5-94.9	31	7.8	5.1-10.5
45-54	408	41,261	387	95.0	92.6-97.4	21	5.0	2.6- 7.4
55-64	441	43,837	421	95.0	91.9-98.1	20	5.0	1.9- 8.1
65+	979	62,260	971	99.2	98.4- 100	8	0.8	0.0- 1.6
Less Than H.S.	87	21,486	78	84.2	74.2-94.2	9	15.8	5.8-25.8
H.S. or G.E.D.	726	83,378	669	91.3	88.9-93.7	57	8.7	6.3-11.1
Some Post-H.S.	832	113,818	796	94.8	92.8-96.8	36	5.2	3.2- 7.2
College Graduate	1036	73,535	1019	98.2	97.2-99.2	17	1.8	0.8- 2.8
Less than \$15,000	63	7,080	50	73.7	56.8-90.6	13	26.3	9.4-43.2
\$15,000- 24,999	110	12,781	101	89.1	81.3-96.9	9	10.9	3.1-18.7
\$25,000- 34,999	200	23,634	184	84.6	76.6-92.6	16	15.4	7.4-23.4
\$35,000- 49,999	287	28,508	270	91.6	87.1-96.1	17	8.4	3.9-12.9
\$50,000- 99,999	787	87,434	758	95.0	93.0-97.0	29	5.0	3.0- 7.0
\$100,000 - 199,999	639	69,856	621	96.9	95.3-98.5	18	3.1	1.5- 4.7

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 3: HEALTH CARE ACCESS**

**TABLE 3: ADULTS WHO HAD SOME FORM OF HEALTH INSURANCE (\_HLTHPL1)**  
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		Have some form of insurance			Do not have some form of insurance		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2782	279,771	2716	96.8	96.0-97.6	66	3.2	2.4- 4.0
Native	89	12,679	86	97.3	94.2- 100	3	2.7	0.0- 5.8
Non-Native	2660	263,269	2599	96.8	96.0-97.6	61	3.2	2.4- 4.0
18-24	114	34,832	108	96.1	93.0-99.2	6	3.9	0.8- 7.0
25-34	257	49,105	244	95.7	93.3-98.1	13	4.3	1.9- 6.7
35-44	324	47,859	306	94.5	91.8-97.2	18	5.5	2.8- 8.2
45-54	384	37,496	367	95.5	93.1-97.9	17	4.5	2.1- 6.9
55-64	486	41,135	475	97.6	96.0-99.2	11	2.4	0.8- 4.0
65+	1217	69,344	1216	99.9	99.7- 100	1	0.1	0.0- 0.3
Less Than H.S.	70	17,750	68	97.4	93.7- 100	2	2.6	0.0- 6.3
H.S. or G.E.D.	629	65,173	602	93.6	91.1-96.1	27	6.4	3.9- 8.9
Some Post-H.S.	863	105,514	843	97.6	96.4-98.8	20	2.4	1.2- 3.6
College Graduate	1216	91,100	1199	98.1	97.1-99.1	17	1.9	0.9- 2.9
Less than \$15,000	78	10,057	74	94.9	89.2- 100	4	5.1	0.0-10.8
\$15,000- 24,999	185	22,023	177	94.2	90.1-98.3	8	5.8	1.7- 9.9
\$25,000- 34,999	242	23,242	232	93.6	89.5-97.7	10	6.4	2.3-10.5
\$35,000- 49,999	321	30,104	313	95.8	92.7-98.9	8	4.2	1.1- 7.3
\$50,000- 99,999	730	72,962	714	97.1	95.5-98.7	16	2.9	1.3- 4.5
\$100,000 - 199,999	486	51,495	483	99.3	98.5- 100	3	0.7	0.0- 1.5

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 3: HEALTH CARE ACCESS**

**TABLE 4: RESPONDENTS AGED 18-64 WHO HAVE ANY FORM OF HEALTH INSURANCE (\_HCVU653)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Have some form of insurance			Do not have some form of insurance		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	3197	432,034	3021	94.0	93.0-95.0	176	6.0	5.0- 7.0
Male	1667	225,747	1556	92.3	90.7-93.9	111	7.7	6.1- 9.3
Female	1530	206,287	1465	95.7	94.5-96.9	65	4.3	3.1- 5.5
Native	116	19,864	109	94.2	89.5-98.9	7	5.8	1.1-10.5
Non-Native	3045	407,142	2882	94.0	93.0-95.0	163	6.0	5.0- 7.0
18-24	258	71,557	243	94.2	91.1-97.3	15	5.8	2.7- 8.9
25-34	563	105,181	520	92.2	89.7-94.7	43	7.8	5.3-10.3
35-44	729	99,673	680	93.2	91.2-95.2	49	6.8	4.8- 8.8
45-54	734	71,902	696	94.8	93.0-96.6	38	5.2	3.4- 7.0
55-64	913	83,721	882	96.2	94.4-98.0	31	3.8	2.0- 5.6
Less Than H.S.	89	30,340	78	87.3	79.7-94.9	11	12.7	5.1-20.3
H.S. or G.E.D.	755	112,294	675	90.1	87.7-92.5	80	9.9	7.5-12.3
Some Post-H.S.	956	161,911	903	95.0	93.4-96.6	53	5.0	3.4- 6.6
College Graduate	1394	127,012	1362	97.6	96.8-98.4	32	2.4	1.6- 3.2
Less than \$15,000	93	14,653	77	84.0	74.0-94.0	16	16.0	6.0-26.0
\$15,000- 24,999	148	24,851	131	89.3	83.8-94.8	17	10.7	5.2-16.2
\$25,000- 34,999	198	32,613	173	84.5	78.0-91.0	25	15.5	9.0-22.0
\$35,000- 49,999	252	36,680	229	90.8	86.7-94.9	23	9.2	5.1-13.3
\$50,000- 99,999	935	124,612	891	94.8	93.0-96.6	44	5.2	3.4- 7.0
\$100,000 - 199,999	872	105,239	851	97.6	96.4-98.8	21	2.4	1.2- 3.6

NOTE:

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Cells that contain a RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 3: HEALTH CARE ACCESS**

**TABLE 5: RESPONDENTS AGED 18-64 WHO HAVE ANY FORM OF HEALTH INSURANCE (\_HCVU653)**  
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		Have some form of insurance			Do not have some form of insurance		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	1667	225,747	1556	92.3	90.7-93.9	111	7.7	6.1- 9.3
Native	54	9,062	50	91.0	81.6- 100	4	9.0	0.0-18.4
Non-Native	1592	214,046	1489	92.5	90.7-94.3	103	7.5	5.7- 9.3
18-24	144	36,724	135	92.3	87.0-97.6	9	7.7	2.4-13.0
25-34	306	56,076	276	89.0	84.9-93.1	30	11.0	6.9-15.1
35-44	407	52,042	376	92.1	89.2-95.0	31	7.9	5.0-10.8
45-54	375	37,498	354	94.5	92.0-97.0	21	5.5	3.0- 8.0
55-64	435	43,406	415	95.0	91.9-98.1	20	5.0	1.9- 8.1
Less Than H.S.	51	16,642	42	79.6	66.9-92.3	9	20.4	7.7-33.1
H.S. or G.E.D.	456	65,965	402	89.4	86.5-92.3	54	10.6	7.7-13.5
Some Post-H.S.	513	86,615	480	93.5	91.0-96.0	33	6.5	4.0- 9.0
College Graduate	645	56,178	630	97.7	96.5-98.9	15	2.3	1.1- 3.5
\$15,000- 24,999	59	9,274	50	85.0	74.2-95.8	9	15.0	4.2-25.8
\$25,000- 34,999	103	17,083	88	79.2	68.6-89.8	15	20.8	10.2-31.4
\$35,000- 49,999	118	17,795	103	88.1	81.4-94.8	15	11.9	5.2-18.6
\$50,000- 99,999	483	67,036	455	93.5	91.0-96.0	28	6.5	4.0- 9.0
\$100,000 - 199,999	490	60,256	472	96.5	94.7-98.3	18	3.5	1.7- 5.3

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 3: HEALTH CARE ACCESS**

**TABLE 6: RESPONDENTS AGED 18-64 WHO HAVE ANY FORM OF HEALTH INSURANCE (\_HCVU653)**  
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		Have some form of insurance			Do not have some form of insurance		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	1530	206,287	1465	95.7	94.5-96.9	65	4.3	3.1- 5.5
Native	62	10,802	59	96.8	93.1- 100	3	3.2	0.0- 6.9
Non-Native	1453	193,096	1393	95.7	94.5-96.9	60	4.3	3.1- 5.5
18-24	114	34,832	108	96.1	93.0-99.2	6	3.9	0.8- 7.0
25-34	257	49,105	244	95.7	93.3-98.1	13	4.3	1.9- 6.7
35-44	322	47,631	304	94.4	91.7-97.1	18	5.6	2.9- 8.3
45-54	359	34,404	342	95.1	92.6-97.6	17	4.9	2.4- 7.4
55-64	478	40,315	467	97.6	96.0-99.2	11	2.4	0.8- 4.0
H.S. or G.E.D.	299	46,329	273	91.2	87.7-94.7	26	8.8	5.3-12.3
Some Post-H.S.	443	75,296	423	96.7	95.1-98.3	20	3.3	1.7- 4.9
College Graduate	749	70,834	732	97.6	96.4-98.8	17	2.4	1.2- 3.6
\$15,000- 24,999	89	15,578	81	91.8	85.9-97.7	8	8.2	2.3-14.1
\$25,000- 34,999	95	15,530	85	90.4	84.1-96.7	10	9.6	3.3-15.9
\$35,000- 49,999	134	18,884	126	93.3	88.4-98.2	8	6.7	1.8-11.6
\$50,000- 99,999	452	57,576	436	96.3	94.3-98.3	16	3.7	1.7- 5.7
\$100,000 - 199,999	382	44,983	379	99.2	98.2- 100	3	0.8	0.0- 1.8

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 RSE > 0.30 have been suppressed.

BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 4: EXERCISE 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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TABLE		PAGE
	ADULTS WHO REPORTED DOING PHYSICAL ACTIVITY OR EXERCISE DURING THE PAST 30 DAYS OTHER THAN THEIR REGULAR JOB (_TOTINDA)	
1	MALES AND FEMALES	21
2	MALES ONLY	22
3	FEMALES ONLY	23
	5	
4	MALES AND FEMALES	24
5	MALES ONLY	25
6	FEMALES ONLY	26
	9	
7	MALES AND FEMALES	27
8	MALES ONLY	28
9	FEMALES ONLY	29
	13	
10	MALES AND FEMALES	30
11	MALES ONLY	31
12	FEMALES ONLY	32
	17	
13	MALES AND FEMALES	33
14	MALES ONLY	34
15	FEMALES ONLY	35
	21	
16	MALES AND FEMALES	36
17	MALES ONLY	37
18	FEMALES ONLY	38

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 4: EXERCISE**

**TABLE 1: ADULTS WHO REPORTED DOING PHYSICAL ACTIVITY OR EXERCISE DURING THE PAST 30 DAYS OTHER THAN THEIR REGULAR JOB (\_TOTINDA)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes, had physical activity or exercise			No physical activity or exercise		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5731	606,000	4412	78.5	77.1-79.9	1319	21.5	20.1-22.9
Male	2803	309,548	2198	79.8	78.0-81.6	605	20.2	18.4-22.0
Female	2928	296,452	2214	77.1	75.1-79.1	714	22.9	20.9-24.9
Native	164	24,657	110	68.4	58.6-78.2	54	31.6	21.8-41.4
Non-Native	5479	571,457	4236	78.9	77.5-80.3	1243	21.1	19.7-22.5
18-24	308	85,750	264	87.2	83.3-91.1	44	12.8	8.9-16.7
25-34	579	108,360	501	84.0	80.3-87.7	78	16.0	12.3-19.7
35-44	756	103,895	639	82.0	78.7-85.3	117	18.0	14.7-21.3
45-54	819	81,312	650	77.8	74.5-81.1	169	22.2	18.9-25.5
55-64	967	88,945	702	70.7	67.2-74.2	265	29.3	25.8-32.8
65+	2302	137,738	1656	71.7	69.5-73.9	646	28.3	26.1-30.5
Less Than H.S.	171	43,166	114	69.3	60.9-77.7	57	30.7	22.3-39.1
H.S. or G.E.D.	1444	159,937	968	71.5	68.8-74.2	476	28.5	25.8-31.2
Some Post-H.S.	1775	231,319	1328	78.6	76.4-80.8	447	21.4	19.2-23.6
College Graduate	2321	169,525	1990	87.5	85.9-89.1	331	12.5	10.9-14.1
Less than \$15,000	147	17,964	81	60.7	49.3-72.1	66	39.3	27.9-50.7
\$15,000- 24,999	310	36,282	188	65.4	58.5-72.3	122	34.6	27.7-41.5
\$25,000- 34,999	456	49,098	304	71.9	66.8-77.0	152	28.1	23.0-33.2
\$35,000- 49,999	629	61,252	463	74.8	70.7-78.9	166	25.2	21.1-29.3
\$50,000- 99,999	1551	164,401	1233	80.3	77.9-82.7	318	19.7	17.3-22.1
\$100,000 - 199,999	1149	124,007	995	87.6	85.4-89.8	154	12.4	10.2-14.6

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 4: EXERCISE**

**TABLE 2: ADULTS WHO REPORTED DOING PHYSICAL ACTIVITY OR EXERCISE DURING THE PAST 30 DAYS OTHER THAN THEIR REGULAR JOB (\_TOTINDA)**  
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, had physical activity or exercise			No physical activity or exercise		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2803	309,548	2198	79.8	78.0-81.6	605	20.2	18.4-22.0
Native	70	10,909	50	71.0	56.9-85.1	20	29.0	14.9-43.1
Non-Native	2682	293,255	2109	80.2	78.4-82.0	573	19.8	18.0-21.6
18-24	178	45,353	155	90.1	86.0-94.2	23	9.9	5.8-14.0
25-34	317	58,044	277	86.1	81.6-90.6	40	13.9	9.4-18.4
35-44	420	53,971	355	82.3	78.0-86.6	65	17.7	13.4-22.0
45-54	422	42,395	339	79.6	75.3-83.9	83	20.4	16.1-24.7
55-64	455	45,487	322	68.5	63.4-73.6	133	31.5	26.4-36.6
65+	1011	64,297	750	73.0	69.7-76.3	261	27.0	23.7-30.3
Less Than H.S.	96	23,982	65	74.8	65.0-84.6	31	25.2	15.4-35.0
H.S. or G.E.D.	774	90,132	533	73.0	69.5-76.5	241	27.0	23.5-30.5
Some Post-H.S.	858	118,321	664	80.3	77.4-83.2	194	19.7	16.8-22.6
College Graduate	1064	75,610	929	89.0	86.8-91.2	135	11.0	8.8-13.2
Less than \$15,000	66	7,230	39	61.2	46.5-75.9	27	38.8	24.1-53.5
\$15,000- 24,999	117	13,586	67	60.9	49.1-72.7	50	39.1	27.3-50.9
\$25,000- 34,999	205	24,258	139	73.1	65.7-80.5	66	26.9	19.5-34.3
\$35,000- 49,999	296	29,762	221	74.3	68.4-80.2	75	25.7	19.8-31.6
\$50,000- 99,999	807	90,258	647	81.5	78.4-84.6	160	18.5	15.4-21.6
\$100,000 - 199,999	653	71,441	561	86.6	83.5-89.7	92	13.4	10.3-16.5

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 4: EXERCISE**

**TABLE 3: ADULTS WHO REPORTED DOING PHYSICAL ACTIVITY OR EXERCISE DURING THE PAST 30 DAYS OTHER THAN THEIR REGULAR JOB (\_TOTINDA)**  
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, had physical activity or exercise			No physical activity or exercise		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2928	296,452	2214	77.1	75.1-79.1	714	22.9	20.9-24.9
Native	94	13,748	60	66.3	52.8-79.8	34	33.7	20.2-47.2
Non-Native	2797	278,202	2127	77.6	75.6-79.6	670	22.4	20.4-24.4
18-24	130	40,397	109	83.9	77.0-90.8	21	16.1	9.2-23.0
25-34	262	50,316	224	81.6	75.5-87.7	38	18.4	12.3-24.5
35-44	336	49,924	284	81.6	76.5-86.7	52	18.4	13.3-23.5
45-54	397	38,917	311	75.7	70.8-80.6	86	24.3	19.4-29.2
55-64	512	43,458	380	73.0	68.3-77.7	132	27.0	22.3-31.7
65+	1291	73,440	906	70.5	67.6-73.4	385	29.5	26.6-32.4
Less Than H.S.	75	19,185	49	62.4	48.7-76.1	26	37.6	23.9-51.3
H.S. or G.E.D.	670	69,805	435	69.4	64.9-73.9	235	30.6	26.1-35.1
Some Post-H.S.	917	112,997	664	76.8	73.5-80.1	253	23.2	19.9-26.5
College Graduate	1257	93,915	1061	86.3	84.1-88.5	196	13.7	11.5-15.9
Less than \$15,000	81	10,735	42	60.3	44.0-76.6	39	39.7	23.4-56.0
\$15,000- 24,999	193	22,697	121	68.2	60.0-76.4	72	31.8	23.6-40.0
\$25,000- 34,999	251	24,840	165	70.8	63.5-78.1	86	29.2	21.9-36.5
\$35,000- 49,999	333	31,490	242	75.3	69.4-81.2	91	24.7	18.8-30.6
\$50,000- 99,999	744	74,143	586	78.8	75.1-82.5	158	21.2	17.5-24.9
\$100,000 - 199,999	496	52,565	434	88.9	85.8-92.0	62	11.1	8.0-14.2

NOTE:

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BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 5: HYPERTENSION AWARENESS 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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TABLE	PAGE
ADULTS WHO HAVE BEEN TOLD THEY HAVE HIGH BLOOD PRESSURE BY A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL (_RFHYPE6)	
1 MALES AND FEMALES	109
2 MALES ONLY	110
3 FEMALES ONLY	111

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 5: HYPERTENSION AWARENESS**

**TABLE 1. ADULTS WHO HAVE BEEN TOLD THEY HAVE HIGH BLOOD PRESSURE BY A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL (\_RFHYPE6)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5725	605,462	3421	68.2	66.8-69.6	2304	31.8	30.4-33.2
Male	2806	309,716	1607	64.4	62.2-66.6	1199	35.6	33.4-37.8
Female	2919	295,745	1814	72.2	70.2-74.2	1105	27.8	25.8-29.8
Native	163	24,585	83	66.0	57.4-74.6	80	34.0	25.4-42.6
Non-Native	5474	570,990	3281	68.2	66.6-69.8	2193	31.8	30.2-33.4
18-24	307	85,203	283	92.8	89.7-95.9	24	7.2	4.1-10.3
25-34	580	108,491	494	84.7	81.4-88.0	86	15.3	12.0-18.6
35-44	758	104,229	598	80.1	77.0-83.2	160	19.9	16.8-23.0
45-54	816	81,239	532	63.4	59.5-67.3	284	36.6	32.7-40.5
55-64	964	88,751	545	56.5	52.8-60.2	419	43.5	39.8-47.2
65+	2300	137,549	969	41.4	39.0-43.8	1331	58.6	56.2-61.0
Less Than H.S.	171	42,830	101	70.2	62.6-77.8	70	29.8	22.2-37.4
H.S. or G.E.D.	1439	159,608	808	67.6	64.9-70.3	631	32.4	29.7-35.1
Some Post-H.S.	1775	231,504	1036	66.4	63.9-68.9	739	33.6	31.1-36.1
College Graduate	2320	169,466	1462	70.7	68.7-72.7	858	29.3	27.3-31.3
Less than \$15,000	148	18,175	90	71.6	61.8-81.4	58	28.4	18.6-38.2
\$15,000- 24,999	309	36,203	161	66.5	60.4-72.6	148	33.5	27.4-39.6
\$25,000- 34,999	459	49,325	224	59.8	53.9-65.7	235	40.2	34.3-46.1
\$35,000- 49,999	627	61,211	323	61.2	56.5-65.9	304	38.8	34.1-43.5
\$50,000- 99,999	1550	164,401	940	69.1	66.4-71.8	610	30.9	28.2-33.6
\$100,000 - 199,999	1146	123,409	797	74.6	71.9-77.3	349	25.4	22.7-28.1

NOTE:

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

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 5: HYPERTENSION AWARENESS**

**TABLE 2. ADULTS WHO HAVE BEEN TOLD THEY HAVE HIGH BLOOD PRESSURE BY A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL (\_RFHYPE6)**  
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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2806	309,716	1607	64.4	62.2-66.6	1199	35.6	33.4-37.8
Native	69	10,837	31	56.5	42.4-70.6	38	43.5	29.4-57.6
Non-Native	2686	293,495	1547	64.7	62.5-66.9	1139	35.3	33.1-37.5
18-24	177	44,806	160	90.3	85.4-95.2	17	9.7	4.8-14.6
25-34	317	58,044	259	80.1	75.0-85.2	58	19.9	14.8-25.0
35-44	422	54,305	305	73.4	68.7-78.1	117	26.6	21.9-31.3
45-54	421	42,476	260	60.4	55.1-65.7	161	39.6	34.3-44.9
55-64	454	45,486	219	48.6	43.1-54.1	235	51.4	45.9-56.9
65+	1015	64,600	404	38.7	35.2-42.2	611	61.3	57.8-64.8
Less Than H.S.	96	23,645	50	60.2	48.6-71.8	46	39.8	28.2-51.4
H.S. or G.E.D.	774	90,247	434	65.5	61.8-69.2	340	34.5	30.8-38.2
Some Post-H.S.	861	118,761	497	64.2	60.5-67.9	364	35.8	32.1-39.5
College Graduate	1064	75,560	618	64.6	61.5-67.7	446	35.4	32.3-38.5
Less than \$15,000	67	7,440	39	59.2	43.5-74.9	28	40.8	25.1-56.5
\$15,000- 24,999	117	13,586	58	61.0	50.2-71.8	59	39.0	28.2-49.8
\$25,000- 34,999	206	24,367	97	52.8	43.8-61.8	109	47.2	38.2-56.2
\$35,000- 49,999	296	29,915	141	55.0	48.1-61.9	155	45.0	38.1-51.9
\$50,000- 99,999	808	90,364	462	65.5	61.6-69.4	346	34.5	30.6-38.4
\$100,000 - 199,999	652	70,962	425	70.1	66.0-74.2	227	29.9	25.8-34.0

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 CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 5: HYPERTENSION AWARENESS**

**TABLE 3. ADULTS WHO HAVE BEEN TOLD THEY HAVE HIGH BLOOD PRESSURE BY A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL (\_RFHYPE6)**  
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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2919	295,745	1814	72.2	70.2-74.2	1105	27.8	25.8-29.8
Native	94	13,748	52	73.5	63.5-83.5	42	26.5	16.5-36.5
Non-Native	2788	277,495	1734	71.9	69.9-73.9	1054	28.1	26.1-30.1
18-24	130	40,397	123	95.6	92.1-99.1	7	4.4	0.9- 7.9
25-34	263	50,447	235	90.1	86.2-94.0	28	9.9	6.0-13.8
35-44	336	49,924	293	87.5	83.6-91.4	43	12.5	8.6-16.4
45-54	395	38,763	272	66.7	61.2-72.2	123	33.3	27.8-38.8
55-64	510	43,264	326	64.7	59.8-69.6	184	35.3	30.4-40.2
65+	1285	72,950	565	43.9	40.6-47.2	720	56.1	52.8-59.4
Less Than H.S.	75	19,185	51	82.5	74.5-90.5	24	17.5	9.5-25.5
H.S. or G.E.D.	665	69,360	374	70.4	66.3-74.5	291	29.6	25.5-33.7
Some Post-H.S.	914	112,743	539	68.8	65.3-72.3	375	31.2	27.7-34.7
College Graduate	1256	93,906	844	75.6	73.1-78.1	412	24.4	21.9-26.9
Less than \$15,000	81	10,735	51	80.1	69.3-90.9	30	19.9	9.1-30.7
\$15,000- 24,999	192	22,618	103	69.8	62.4-77.2	89	30.2	22.8-37.6
\$25,000- 34,999	253	24,958	127	66.7	59.4-74.0	126	33.3	26.0-40.6
\$35,000- 49,999	331	31,296	182	67.1	60.8-73.4	149	32.9	26.6-39.2
\$50,000- 99,999	742	74,038	478	73.4	69.7-77.1	264	26.6	22.9-30.3
\$100,000 - 199,999	494	52,448	372	80.8	77.1-84.5	122	19.2	15.5-22.9

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 RSE > 0.30 have been suppressed.

BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 6: CHOLESTEROL AWARENESS 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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TABLE		PAGE
	CHOLESTEROL CHECK WITHIN PAST FIVE YEARS (_CHOLCH3)	
1	MALES AND FEMALES	113
2	MALES ONLY	114
3	FEMALES ONLY	115
	ADULTS WHO HAVE HAD THEIR CHOLESTEROL CHECKED AND HAVE BEEN TOLD BY A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL THAT IT WAS HIGH (_RFCHOL3)	
4	MALES AND FEMALES	116
5	MALES ONLY	117
6	FEMALES ONLY	118

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 6: CHOLESTEROL AWARENESS**  
**TABLE 1: CHOLESTEROL CHECK WITHIN PAST FIVE YEARS (\_CHOLCH3)**  
**Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Checked			Not Checked			Never Checked		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5408	552,957	4823	84.2	82.8-85.6	199	4.1	3.5- 4.7	386	11.7	10.3-13.1
Male	2632	280,671	2297	83.0	81.0-85.0	117	5.1	4.1- 6.1	218	11.9	10.1-13.7
Female	2776	272,286	2526	85.4	83.4-87.4	82	3.2	2.4- 4.0	168	11.4	9.4-13.4
Native	153	21,878	134	79.8	70.2-89.4	3	1.0	0.0- 2.2	16	19.2	9.6-28.8
Non-Native	5180	523,066	4625	84.4	83.0-85.8	194	4.3	3.5- 5.1	361	11.3	9.9-12.7
18-24	233	65,511	145	63.6	56.7-70.5	14	4.4	2.0- 6.8	74	31.9	25.2-38.6
25-34	502	93,641	352	72.1	67.8-76.4	32	5.4	3.4- 7.4	118	22.5	18.4-26.6
35-44	702	95,494	562	78.6	75.1-82.1	48	7.1	4.9- 9.3	92	14.3	11.2-17.4
45-54	788	77,930	704	89.3	86.8-91.8	41	5.0	3.2- 6.8	43	5.6	3.8- 7.4
55-64	939	85,811	888	95.7	94.3-97.1	31	2.3	1.3- 3.3	20	2.0	1.0- 3.0
65+	2244	134,570	2172	96.3	95.3-97.3	33	1.7	1.1- 2.3	39	2.0	1.2- 2.8
Less Than H.S.	154	37,602	130	78.7	70.3-87.1	7	4.2	0.9- 7.5	17	17.1	8.9-25.3
H.S. or G.E.D.	1344	142,450	1179	82.7	80.0-85.4	53	4.9	3.5- 6.3	112	12.5	10.0-15.0
Some Post-H.S.	1678	211,839	1498	84.5	82.1-86.9	54	3.6	2.4- 4.8	126	11.8	9.6-14.0
College Graduate	2219	159,515	2006	86.4	84.4-88.4	85	4.2	3.2- 5.2	128	9.4	7.6-11.2
Less than \$15,000	128	14,991	104	75.1	63.7-86.5	7	6.5	1.4-11.6	17	18.5	7.7-29.3
\$15,000- 24,999	292	33,228	251	75.0	67.6-82.4	9	3.3	0.8- 5.8	32	21.7	14.3-29.1
\$25,000- 34,999	430	45,346	389	83.0	77.3-88.7	9	3.6	0.9- 6.3	32	13.5	8.2-18.8
\$35,000- 49,999	591	55,764	532	84.2	80.1-88.3	21	4.2	2.2- 6.2	38	11.6	7.9-15.3
\$50,000- 99,999	1488	152,764	1315	83.5	80.8-86.2	68	5.1	3.7- 6.5	105	11.4	9.0-13.8
\$100,000 - 199,999	1101	116,249	995	88.3	85.9-90.7	42	3.4	2.2- 4.6	64	8.3	6.1-10.5

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 6: CHOLESTEROL AWARENESS**

**TABLE 2: CHOLESTEROL CHECK WITHIN PAST FIVE YEARS (\_CHOLCH3)**

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		Checked			Not Checked			Never Checked		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2632	280,671	2297	83.0	81.0-85.0	117	5.1	4.1- 6.1	218	11.9	10.1-13.7
Native	65	9,976	57	82.5	68.6-96.4	2	1.8	0.0- 4.3	6	15.7	1.8-29.6
Non-Native	2525	266,393	2204	83.0	81.0-85.0	114	5.2	4.0- 6.4	207	11.7	9.9-13.5
18-24	133	34,034	85	68.1	59.7-76.5	13	7.7	3.4-12.0	35	24.2	16.4-32.0
25-34	276	50,244	190	70.1	63.8-76.4	23	6.9	3.8-10.0	63	23.0	17.1-28.9
35-44	390	49,658	310	76.1	71.0-81.2	29	8.1	5.0-11.2	51	15.8	11.5-20.1
45-54	406	40,368	350	86.8	83.1-90.5	27	6.3	3.6- 9.0	29	6.9	4.2- 9.6
55-64	436	42,900	412	96.0	94.2-97.8	11	1.7	0.7- 2.7	13	2.3	0.9- 3.7
65+	991	63,467	950	95.5	93.9-97.1	14	1.3	0.5- 2.1	27	3.2	1.8- 4.6
Less Than H.S.	88	21,174	72	74.6	62.3-86.9	5	5.3	0.4-10.2	11	20.1	8.1-32.1
H.S. or G.E.D.	716	80,067	605	80.7	77.2-84.2	39	6.5	4.3- 8.7	72	12.8	9.9-15.7
Some Post-H.S.	800	106,516	693	83.1	79.8-86.4	32	4.8	3.0- 6.6	75	12.1	9.4-14.8
College Graduate	1021	71,690	922	87.9	85.4-90.4	41	3.9	2.5- 5.3	58	8.2	6.0-10.4
Less than \$15,000	57	5,915	44	69.8	51.4-88.2	1	2.7	0.0- 8.0	12	27.5	8.9-46.1
\$15,000- 24,999	110	12,244	93	77.3	65.3-89.3	4	2.9	0.0- 6.6	13	19.9	8.1-31.7
\$25,000- 34,999	185	21,782	166	85.8	79.1-92.5	5	4.7	0.0- 9.4	14	9.5	4.2-14.8
\$35,000- 49,999	280	27,748	239	78.0	71.5-84.5	17	7.6	3.7-11.5	24	14.4	8.5-20.3
\$50,000- 99,999	769	82,520	664	81.0	77.1-84.9	42	6.3	4.1- 8.5	63	12.6	9.1-16.1
\$100,000 - 199,999	626	66,770	562	88.0	84.9-91.1	24	3.1	1.7- 4.5	40	8.9	6.0-11.8

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 6: CHOLESTEROL AWARENESS**  
**TABLE 3: CHOLESTEROL CHECK WITHIN PAST FIVE YEARS (\_CHOLCH3)**

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		Checked			Not Checked			Never Checked		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2776	272,286	2526	85.4	83.4-87.4	82	3.2	2.4- 4.0	168	11.4	9.4-13.4
Native	88	11,902	77	77.5	64.4-90.6	1	0.3	0.0- 0.9	10	22.2	9.1-35.3
Non-Native	2655	256,673	2421	85.7	83.7-87.7	80	3.4	2.6- 4.2	154	10.9	8.9-12.9
18-24	100	31,476	60	58.8	48.2-69.4	1	0.9	0.0- 2.7	39	40.3	29.9-50.7
25-34	226	43,397	162	74.3	68.2-80.4	9	3.7	1.2- 6.2	55	22.0	16.3-27.7
35-44	312	45,837	252	81.3	76.4-86.2	19	6.1	3.2- 9.0	41	12.6	8.3-16.9
45-54	382	37,561	354	92.1	89.0-95.2	14	3.6	1.6- 5.6	14	4.3	1.8- 6.8
55-64	503	42,911	476	95.4	93.4-97.4	20	2.9	1.5- 4.3	7	1.7	0.3- 3.1
65+	1253	71,104	1222	97.0	95.8-98.2	19	2.0	1.0- 3.0	12	1.0	0.4- 1.6
Less Than H.S.	66	16,428	58	84.0	73.0-95.0	2	2.9	0.0- 7.4	6	13.1	2.9-23.3
H.S. or G.E.D.	628	62,383	574	85.1	80.6-89.6	14	2.8	1.2- 4.4	40	12.1	7.8-16.4
Some Post-H.S.	878	105,323	805	86.0	82.5-89.5	22	2.5	1.3- 3.7	51	11.5	8.2-14.8
College Graduate	1198	87,825	1084	85.1	82.4-87.8	44	4.4	2.8- 6.0	70	10.5	8.1-12.9
Less than \$15,000	71	9,077	60	78.5	64.8-92.2	6	8.9	1.1-16.7	5	12.6	0.6-24.6
\$15,000- 24,999	182	20,984	158	73.7	64.1-83.3	5	3.6	0.3- 6.9	19	22.7	13.1-32.3
\$25,000- 34,999	245	23,564	223	80.4	71.4-89.4	4	2.5	0.0- 5.6	18	17.1	8.5-25.7
\$35,000- 49,999	311	28,016	293	90.3	85.6-95.0	4	0.9	0.0- 1.9	14	8.8	4.1-13.5
\$50,000- 99,999	719	70,244	651	86.4	82.9-89.9	26	3.6	1.8- 5.4	42	10.0	6.7-13.3
\$100,000 - 199,999	475	49,480	433	88.7	85.0-92.4	18	3.7	1.7- 5.7	24	7.6	4.3-10.9

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 6: CHOLESTEROL AWARENESS**

**TABLE 4: ADULTS WHO HAVE HAD THEIR CHOLESTEROL CHECKED AND HAVE BEEN TOLD BY A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL THAT IT WAS HIGH (\_RFCHOL3)**

Denominator excludes: Respondents who reported not having their blood cholesterol checked

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

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	4980	484,368	2915	64.9	63.3-66.5	2065	35.1	33.5-36.7
Male	2391	244,668	1433	66.1	63.7-68.5	958	33.9	31.5-36.3
Female	2589	239,700	1482	63.7	61.3-66.1	1107	36.3	33.9-38.7
Native	134	17,288	81	73.0	64.6-81.4	53	27.0	18.6-35.4
Non-Native	4781	460,123	2784	64.4	62.6-66.2	1997	35.6	33.8-37.4
18-24	159	44,603	143	90.6	85.9-95.3	16	9.4	4.7-14.1
25-34	379	71,402	312	80.4	75.7-85.1	67	19.6	14.9-24.3
35-44	607	81,454	495	81.5	78.0-85.0	112	18.5	15.0-22.0
45-54	736	72,311	492	64.8	60.7-68.9	244	35.2	31.1-39.3
55-64	915	83,843	497	53.2	49.3-57.1	418	46.8	42.9-50.7
65+	2184	130,755	976	44.9	42.4-47.4	1208	55.1	52.6-57.6
Less Than H.S.	133	30,309	80	66.0	56.4-75.6	53	34.0	24.4-43.6
H.S. or G.E.D.	1217	123,392	732	68.1	65.0-71.2	485	31.9	28.8-35.0
Some Post-H.S.	1540	185,620	860	61.8	58.9-64.7	680	38.2	35.3-41.1
College Graduate	2081	143,848	1239	66.0	63.6-68.4	842	34.0	31.6-36.4
Less than \$15,000	107	11,959	66	68.7	56.4-81.0	41	31.3	19.0-43.6
\$15,000- 24,999	259	25,963	145	63.9	56.6-71.2	114	36.1	28.8-43.4
\$25,000- 34,999	394	39,098	214	62.5	56.2-68.8	180	37.5	31.2-43.8
\$35,000- 49,999	550	48,957	285	58.5	53.4-63.6	265	41.5	36.4-46.6
\$50,000- 99,999	1375	134,359	800	65.8	62.9-68.7	575	34.2	31.3-37.1
\$100,000 - 199,999	1033	106,275	688	69.6	66.3-72.9	345	30.4	27.1-33.7

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 6: CHOLESTEROL AWARENESS**

**TABLE 5: ADULTS WHO HAVE HAD THEIR CHOLESTEROL CHECKED AND HAVE BEEN TOLD BY A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL THAT IT WAS HIGH (\_RFCHOL3)**

Denominator excludes: Respondents who reported not having their blood cholesterol checked

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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2391	244,668	1433	66.1	63.7-68.5	958	33.9	31.5-36.3
Native	57	8,187	32	67.5	53.8-81.2	25	32.5	18.8-46.2
Non-Native	2298	232,897	1373	65.8	63.4-68.2	925	34.2	31.8-36.6
18-24	98	25,810	89	91.4	85.7-97.1	9	8.6	2.9-14.3
25-34	210	37,921	177	83.4	77.7-89.1	33	16.6	10.9-22.3
35-44	336	41,379	263	77.9	73.0-82.8	73	22.1	17.2-27.0
45-54	372	36,960	240	62.9	57.2-68.6	132	37.1	31.4-42.8
55-64	420	41,690	217	52.4	46.7-58.1	203	47.6	41.9-53.3
65+	955	60,908	447	47.8	44.1-51.5	508	52.2	48.5-55.9
Less Than H.S.	73	16,038	47	71.1	59.3-82.9	26	28.9	17.1-40.7
H.S. or G.E.D.	637	69,129	400	69.5	65.4-73.6	237	30.5	26.4-34.6
Some Post-H.S.	719	93,015	420	63.7	59.8-67.6	299	36.3	32.4-40.2
College Graduate	958	65,546	563	64.5	61.2-67.8	395	35.5	32.2-38.8
\$15,000- 24,999	97	9,813	54	58.6	46.4-70.8	43	41.4	29.2-53.6
\$25,000- 34,999	169	19,613	100	67.9	58.9-76.9	69	32.1	23.1-41.1
\$35,000- 49,999	255	23,710	143	63.7	56.8-70.6	112	36.3	29.4-43.2
\$50,000- 99,999	699	71,158	406	66.2	62.1-70.3	293	33.8	29.7-37.9
\$100,000 - 199,999	583	60,621	383	68.7	64.4-73.0	200	31.3	27.0-35.6

NOTE:

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

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 6: CHOLESTEROL AWARENESS**

**TABLE 6: ADULTS WHO HAVE HAD THEIR CHOLESTEROL CHECKED AND HAVE BEEN TOLD BY A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL THAT IT WAS HIGH (\_RFCHOL3)**

Denominator excludes: Respondents who reported not having their blood cholesterol checked

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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2589	239,700	1482	63.7	61.3-66.1	1107	36.3	33.9-38.7
Native	77	9,102	49	77.9	67.9-87.9	28	22.1	12.1-32.1
Non-Native	2483	227,226	1411	63.1	60.7-65.5	1072	36.9	34.5-39.3
18-24	61	18,792	54	89.4	81.2-97.6	7	10.6	2.4-18.8
25-34	169	33,481	135	76.9	69.3-84.5	34	23.1	15.5-30.7
35-44	271	40,075	232	85.3	80.6-90.0	39	14.7	10.0-19.4
45-54	364	35,351	252	66.8	61.1-72.5	112	33.2	27.5-38.9
55-64	495	42,153	280	54.0	48.7-59.3	215	46.0	40.7-51.3
65+	1229	69,847	529	42.4	39.1-45.7	700	57.6	54.3-60.9
Less Than H.S.	60	14,270	33	60.3	45.0-75.6	27	39.7	24.4-55.0
H.S. or G.E.D.	580	54,263	332	66.4	61.7-71.1	248	33.6	28.9-38.3
Some Post-H.S.	821	92,606	440	59.9	55.8-64.0	381	40.1	36.0-44.2
College Graduate	1123	78,302	676	67.2	64.1-70.3	447	32.8	29.7-35.9
Less than \$15,000	63	7,684	40	71.9	55.0-88.8	23	28.1	11.2-45.0
\$15,000- 24,999	162	16,150	91	67.1	58.3-75.9	71	32.9	24.1-41.7
\$25,000- 34,999	225	19,485	114	57.1	48.5-65.7	111	42.9	34.3-51.5
\$35,000- 49,999	295	25,247	142	53.5	46.1-60.9	153	46.5	39.1-53.9
\$50,000- 99,999	676	63,201	394	65.3	60.8-69.8	282	34.7	30.2-39.2
\$100,000 - 199,999	450	45,654	305	70.8	65.5-76.1	145	29.2	23.9-34.5

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 RSE > 0.30 have been suppressed.

BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 7: CHRONIC HEALTH CONDITIONS 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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TABLE	PAGE
RESPONDENTS THAT HAVE EVER REPORTED HAVING CORONARY HEART DISEASE (CHD) OR MYOCARDIAL INFARCTION (MI) (_MICH)	
1 MALES AND FEMALES	120
2 MALES ONLY	121
3 FEMALES ONLY	122
ADULTS WHO HAVE EVER BEEN TOLD THEY HAVE ASTHMA (_LTASTH1)	
4 MALES AND FEMALES	123
5 MALES ONLY	124
6 FEMALES ONLY	125
ADULTS WHO HAVE BEEN TOLD THEY CURRENTLY HAVE ASTHMA (_CASTHM1)	
7 MALES AND FEMALES	126
8 MALES ONLY	127
9 FEMALES ONLY	128
COMPUTED ASTHMA STATUS (_ASTHMS1)	
10 MALES AND FEMALES	129
11 MALES ONLY	130
12 FEMALES ONLY	131
RESPONDENTS WHO HAVE HAD A DOCTOR DIAGNOSE THEM AS HAVING SOME FORM OF ARTHRITIS (_DRDXAR2)	
13 MALES AND FEMALES	132
14 MALES ONLY	133
15 FEMALES ONLY	134

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 7: CHRONIC HEALTH CONDITIONS**

**TABLE 1: RESPONDENTS THAT HAVE EVER REPORTED HAVING CORONARY HEART DISEASE (CHD) OR MYOCARDIAL INFARCTION (MI) (\_MICH)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Reported having MI or CHD			Did not report having MI or CHD		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5695	602,805	495	6.3	5.5- 7.1	5200	93.7	92.9-94.5
Male	2793	308,980	311	8.1	6.9- 9.3	2482	91.9	90.7-93.1
Female	2902	293,824	184	4.3	3.5- 5.1	2718	95.7	94.9-96.5
Native	162	24,528	11	3.5	0.8- 6.2	151	96.5	93.8-99.2
Non-Native	5447	568,525	477	6.4	5.6- 7.2	4970	93.6	92.8-94.4
18-24	308	85,750				308	100.0	100.0- 100
25-34	580	108,491	8	2.0	0.4- 3.6	572	98.0	96.4-99.6
35-44	756	103,647	17	2.1	0.9- 3.3	739	97.9	96.7-99.1
45-54	812	80,585	25	3.6	2.0- 5.2	787	96.4	94.8-98.0
55-64	958	88,206	81	9.8	7.3-12.3	877	90.2	87.7-92.7
65+	2281	136,125	364	16.0	14.2-17.8	1917	84.0	82.2-85.8
Less Than H.S.	166	42,375	20	10.1	5.0-15.2	146	89.9	84.8-95.0
H.S. or G.E.D.	1429	158,458	141	6.5	5.1- 7.9	1288	93.5	92.1-94.9
Some Post-H.S.	1771	230,967	164	6.4	5.2- 7.6	1607	93.6	92.4-94.8
College Graduate	2310	169,032	170	4.9	4.1- 5.7	2140	95.1	94.3-95.9
Less than \$15,000	147	18,130	26	9.6	4.9-14.3	121	90.4	85.7-95.1
\$15,000- 24,999	304	35,878	47	10.7	6.8-14.6	257	89.3	85.4-93.2
\$25,000- 34,999	452	48,814	58	9.6	6.1-13.1	394	90.4	86.9-93.9
\$35,000- 49,999	624	60,905	67	8.2	5.8-10.6	557	91.8	89.4-94.2
\$50,000- 99,999	1550	164,462	129	5.9	4.5- 7.3	1421	94.1	92.7-95.5
\$100,000 - 199,999	1147	123,819	54	3.3	2.3- 4.3	1093	96.7	95.7-97.7

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 7: CHRONIC HEALTH CONDITIONS**

**TABLE 2: RESPONDENTS THAT HAVE EVER REPORTED HAVING CORONARY HEART DISEASE (CHD) OR MYOCARDIAL INFARCTION (MI) (\_MICH)**  
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		Reported having MI or CHD			Did not report having MI or CHD		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2793	308,980	311	8.1	6.9- 9.3	2482	91.9	90.7-93.1
Native	69	10,831	6	4.9	0.0-10.2	63	95.1	89.8- 100
Non-Native	2674	292,805	299	8.2	7.0- 9.4	2375	91.8	90.6-93.0
18-24	178	45,353				178	100.0	100.0- 100
25-34	317	58,044	7	3.5	0.8- 6.2	310	96.5	93.8-99.2
35-44	421	54,207	8	2.3	0.7- 3.9	413	97.7	96.1-99.3
45-54	418	42,101	17	5.1	2.4- 7.8	401	94.9	92.2-97.6
55-64	448	44,915	59	14.1	10.0-18.2	389	85.9	81.8-90.0
65+	1011	64,360	220	20.7	17.8-23.6	791	79.3	76.4-82.2
Less Than H.S.	95	24,003	13	12.9	5.1-20.7	82	87.1	79.3-94.9
H.S. or G.E.D.	768	89,556	86	7.7	5.7- 9.7	682	92.3	90.3-94.3
Some Post-H.S.	858	118,520	102	8.4	6.4-10.4	756	91.6	89.6-93.6
College Graduate	1062	75,481	110	6.8	5.4- 8.2	952	93.2	91.8-94.6
Less than \$15,000	66	7,396	16	15.4	6.2-24.6	50	84.6	75.4-93.8
\$15,000- 24,999	114	13,419	26	15.5	8.2-22.8	88	84.5	77.2-91.8
\$25,000- 34,999	202	24,042	37	12.9	7.0-18.8	165	87.1	81.2-93.0
\$35,000- 49,999	296	29,886	40	10.1	6.6-13.6	256	89.9	86.4-93.4
\$50,000- 99,999	808	90,311	95	8.4	6.2-10.6	713	91.6	89.4-93.8
\$100,000 - 199,999	653	71,471	40	4.3	2.7- 5.9	613	95.7	94.1-97.3

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 CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 7: CHRONIC HEALTH CONDITIONS**

**TABLE 3: RESPONDENTS THAT HAVE EVER REPORTED HAVING CORONARY HEART DISEASE (CHD) OR MYOCARDIAL INFARCTION (MI) (\_MICH)**  
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		Reported having MI or CHD			Did not report having MI or CHD		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2902	293,824	184	4.3	3.5- 5.1	2718	95.7	94.9-96.5
Native	93	13,698	5	2.4	0.0- 5.1	88	97.6	94.9- 100
Non-Native	2773	275,720	178	4.4	3.6- 5.2	2595	95.6	94.8-96.4
18-24	130	40,397				130	100.0	100.0- 100
25-34	263	50,447	1	0.3	0.0- 0.9	262	99.7	99.1- 100
35-44	335	49,440	9	1.9	0.5- 3.3	326	98.1	96.7-99.5
45-54	394	38,484	8	2.1	0.3- 3.9	386	97.9	96.1-99.7
55-64	510	43,291	22	5.3	2.8- 7.8	488	94.7	92.2-97.2
65+	1270	71,765	144	11.7	9.5-13.9	1126	88.3	86.1-90.5
Less Than H.S.	71	18,373	7	6.6	1.3-11.9	64	93.4	88.1-98.7
H.S. or G.E.D.	661	68,902	55	4.9	3.3- 6.5	606	95.1	93.5-96.7
Some Post-H.S.	913	112,448	62	4.3	3.1- 5.5	851	95.7	94.5-96.9
College Graduate	1248	93,551	60	3.4	2.4- 4.4	1188	96.6	95.6-97.6
Less than \$15,000	81	10,735	10	5.6	0.9-10.3	71	94.4	89.7-99.1
\$15,000- 24,999	190	22,459	21	7.8	3.5-12.1	169	92.2	87.9-96.5
\$25,000- 34,999	250	24,771	21	6.4	3.1- 9.7	229	93.6	90.3-96.9
\$35,000- 49,999	328	31,019	27	6.4	3.5- 9.3	301	93.6	90.7-96.5
\$50,000- 99,999	742	74,151	34	2.9	1.7- 4.1	708	97.1	95.9-98.3
\$100,000 - 199,999	494	52,348	14	1.8	0.6- 3.0	480	98.2	97.0-99.4

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 7: CHRONIC HEALTH CONDITIONS**  
**TABLE 4: ADULTS WHO HAVE EVER BEEN TOLD THEY HAVE ASTHMA (\_LTASTH1)**  
**Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5726	605,431	4989	85.4	84.2-86.6	737	14.6	13.4-15.8
Male	2800	309,211	2494	88.3	86.7-89.9	306	11.7	10.1-13.3
Female	2926	296,220	2495	82.5	80.5-84.5	431	17.5	15.5-19.5
Native	164	24,657	129	78.3	69.7-86.9	35	21.7	13.1-30.3
Non-Native	5474	570,887	4785	85.8	84.6-87.0	689	14.2	13.0-15.4
18-24	307	85,591	254	81.7	76.8-86.6	53	18.3	13.4-23.2
25-34	577	107,891	471	79.9	76.2-83.6	106	20.1	16.4-23.8
35-44	758	104,229	644	84.9	82.0-87.8	114	15.1	12.2-18.0
45-54	817	81,201	710	87.1	84.6-89.6	107	12.9	10.4-15.4
55-64	963	88,533	853	87.8	85.3-90.3	110	12.2	9.7-14.7
65+	2304	137,986	2057	90.0	88.6-91.4	247	10.0	8.6-11.4
Less Than H.S.	172	43,377	143	78.5	70.5-86.5	29	21.5	13.5-29.5
H.S. or G.E.D.	1439	159,595	1256	85.0	82.5-87.5	183	15.0	12.5-17.5
Some Post-H.S.	1776	231,027	1526	85.4	83.4-87.4	250	14.6	12.6-16.6
College Graduate	2320	169,460	2046	87.6	86.0-89.2	274	12.4	10.8-14.0
Less than \$15,000	148	18,175	117	67.7	55.5-79.9	31	32.3	20.1-44.5
\$15,000- 24,999	309	36,214	255	81.5	76.0-87.0	54	18.5	13.0-24.0
\$25,000- 34,999	455	48,816	392	82.7	77.4-88.0	63	17.3	12.0-22.6
\$35,000- 49,999	627	61,225	537	84.1	80.2-88.0	90	15.9	12.0-19.8
\$50,000- 99,999	1552	164,422	1366	87.2	85.0-89.4	186	12.8	10.6-15.0
\$100,000 - 199,999	1148	123,736	1008	85.8	83.1-88.5	140	14.2	11.5-16.9

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 7: CHRONIC HEALTH CONDITIONS**

**TABLE 5: ADULTS WHO HAVE EVER BEEN TOLD THEY HAVE ASTHMA (\_LTASTH1)**  
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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2800	309,211	2494	88.3	86.7-89.9	306	11.7	10.1-13.3
Native	70	10,909	57	84.4	75.2-93.6	13	15.6	6.4-24.8
Non-Native	2679	292,918	2393	88.5	86.9-90.1	286	11.5	9.9-13.1
18-24	177	45,194	155	88.0	82.7-93.3	22	12.0	6.7-17.3
25-34	315	57,625	269	85.6	81.3-89.9	46	14.4	10.1-18.7
35-44	422	54,305	369	88.2	84.9-91.5	53	11.8	8.5-15.1
45-54	422	42,503	374	87.9	84.4-91.4	48	12.1	8.6-15.6
55-64	451	45,075	404	88.0	83.9-92.1	47	12.0	7.9-16.1
65+	1013	64,510	923	91.4	89.4-93.4	90	8.6	6.6-10.6
Less Than H.S.	97	24,192	86	86.3	77.5-95.1	11	13.7	4.9-22.5
H.S. or G.E.D.	771	89,956	693	89.3	86.8-91.8	78	10.7	8.2-13.2
Some Post-H.S.	858	118,096	747	87.0	84.5-89.5	111	13.0	10.5-15.5
College Graduate	1064	75,546	959	89.6	87.4-91.8	105	10.4	8.2-12.6
Less than \$15,000	67	7,440	56	77.7	61.8-93.6	11	22.3	6.4-38.2
\$15,000- 24,999	116	13,517	99	84.8	77.0-92.6	17	15.2	7.4-23.0
\$25,000- 34,999	203	23,910	182	85.1	77.5-92.7	21	14.9	7.3-22.5
\$35,000- 49,999	295	29,768	263	90.3	86.4-94.2	32	9.7	5.8-13.6
\$50,000- 99,999	809	90,407	722	88.9	86.4-91.4	87	11.1	8.6-13.6
\$100,000 - 199,999	653	71,337	587	88.9	86.0-91.8	66	11.1	8.2-14.0

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 7: CHRONIC HEALTH CONDITIONS**

**TABLE 6: ADULTS WHO HAVE EVER BEEN TOLD THEY HAVE ASTHMA (\_LTASTH1)**  
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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2926	296,220	2495	82.5	80.5-84.5	431	17.5	15.5-19.5
Native	94	13,748	72	73.4	60.1-86.7	22	26.6	13.3-39.9
Non-Native	2795	277,970	2392	83.1	81.1-85.1	403	16.9	14.9-18.9
18-24	130	40,397	99	74.7	66.3-83.1	31	25.3	16.9-33.7
25-34	262	50,267	202	73.2	66.9-79.5	60	26.8	20.5-33.1
35-44	336	49,924	275	81.4	76.5-86.3	61	18.6	13.7-23.5
45-54	395	38,698	336	86.2	82.5-89.9	59	13.8	10.1-17.5
55-64	512	43,458	449	87.5	84.2-90.8	63	12.5	9.2-15.8
65+	1291	73,475	1134	88.8	86.8-90.8	157	11.2	9.2-13.2
Less Than H.S.	75	19,185	57	68.6	54.9-82.3	18	31.4	17.7-45.1
H.S. or G.E.D.	668	69,639	563	79.5	75.0-84.0	105	20.5	16.0-25.0
Some Post-H.S.	918	112,930	779	83.7	80.8-86.6	139	16.3	13.4-19.2
College Graduate	1256	93,915	1087	86.0	83.6-88.4	169	14.0	11.6-16.4
Less than \$15,000	81	10,735	61	60.8	43.9-77.7	20	39.2	22.3-56.1
\$15,000- 24,999	193	22,697	156	79.5	72.2-86.8	37	20.5	13.2-27.8
\$25,000- 34,999	252	24,906	210	80.3	72.9-87.7	42	19.7	12.3-27.1
\$35,000- 49,999	332	31,458	274	78.2	71.5-84.9	58	21.8	15.1-28.5
\$50,000- 99,999	743	74,015	644	85.2	81.9-88.5	99	14.8	11.5-18.1
\$100,000 - 199,999	495	52,399	421	81.5	76.6-86.4	74	18.5	13.6-23.4

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 7: CHRONIC HEALTH CONDITIONS**  
**TABLE 7: ADULTS WHO HAVE BEEN TOLD THEY CURRENTLY HAVE ASTHMA (\_CASTHM1)**  
**Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5702	602,386	5176	89.9	88.7-91.1	526	10.1	8.9-11.3
Male	2786	307,226	2588	92.9	91.7-94.1	198	7.1	5.9- 8.3
Female	2916	295,160	2588	86.7	84.9-88.5	328	13.3	11.5-15.1
Native	163	24,595	133	80.4	71.8-89.0	30	19.6	11.0-28.2
Non-Native	5451	567,905	4964	90.4	89.4-91.4	487	9.6	8.6-10.6
18-24	305	84,959	274	88.5	84.4-92.6	31	11.5	7.4-15.6
25-34	574	107,367	505	85.8	82.3-89.3	69	14.2	10.7-17.7
35-44	750	103,120	688	91.4	89.0-93.8	62	8.6	6.2-11.0
45-54	814	80,849	734	90.4	88.2-92.6	80	9.6	7.4-11.8
55-64	962	88,467	877	91.0	88.8-93.2	85	9.0	6.8-11.2
65+	2297	137,625	2098	91.8	90.4-93.2	199	8.2	6.8- 9.6
Less Than H.S.	171	43,239	147	82.5	75.1-89.9	24	17.5	10.1-24.9
H.S. or G.E.D.	1434	158,919	1299	89.3	87.1-91.5	135	10.7	8.5-12.9
Some Post-H.S.	1766	229,524	1586	89.9	88.1-91.7	180	10.1	8.3-11.9
College Graduate	2312	168,733	2125	92.1	90.7-93.5	187	7.9	6.5- 9.3
Less than \$15,000	148	18,175	125	76.1	64.7-87.5	23	23.9	12.5-35.3
\$15,000- 24,999	308	36,135	269	87.7	83.4-92.0	39	12.3	8.0-16.6
\$25,000- 34,999	453	48,719	413	89.1	84.6-93.6	40	10.9	6.4-15.4
\$35,000- 49,999	622	60,640	555	87.8	84.1-91.5	67	12.2	8.5-15.9
\$50,000- 99,999	1548	163,914	1419	91.2	89.4-93.0	129	8.8	7.0-10.6
\$100,000 - 199,999	1143	123,131	1044	90.1	87.7-92.5	99	9.9	7.5-12.3

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 CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 7: CHRONIC HEALTH CONDITIONS**

**TABLE 8: ADULTS WHO HAVE BEEN TOLD THEY CURRENTLY HAVE ASTHMA (\_CASTHM1)**  
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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2786	307,226	2588	92.9	91.7-94.1	198	7.1	5.9- 8.3
Native	69	10,847	58	86.8	78.2-95.4	11	13.2	4.6-21.8
Non-Native	2666	290,995	2482	93.1	91.9-94.3	184	6.9	5.7- 8.1
18-24	176	44,954	165	94.0	90.3-97.7	11	6.0	2.3- 9.7
25-34	313	57,256	289	91.9	88.6-95.2	24	8.1	4.8-11.4
35-44	415	53,332	391	94.7	92.5-96.9	24	5.3	3.1- 7.5
45-54	420	42,215	387	92.1	89.4-94.8	33	7.9	5.2-10.6
55-64	450	45,009	413	91.3	88.2-94.4	37	8.7	5.6-11.8
65+	1012	64,460	943	93.2	91.4-95.0	69	6.8	5.0- 8.6
Less Than H.S.	96	24,054	89	93.0	87.1-98.9	7	7.0	1.1-12.9
H.S. or G.E.D.	767	89,315	715	93.3	91.1-95.5	52	6.7	4.5- 8.9
Some Post-H.S.	852	117,230	779	91.9	89.7-94.1	73	8.1	5.9-10.3
College Graduate	1061	75,207	995	93.9	92.3-95.5	66	6.1	4.5- 7.7
Less than \$15,000	67	7,440	61	92.8	86.3-99.3	6	7.2	0.7-13.7
\$15,000- 24,999	116	13,517	105	91.7	86.0-97.4	11	8.3	2.6-14.0
\$25,000- 34,999	202	23,848	193	94.5	89.6-99.4	9	5.5	0.6-10.4
\$35,000- 49,999	291	29,211	270	93.5	90.2-96.8	21	6.5	3.2- 9.8
\$50,000- 99,999	807	90,192	747	92.2	89.8-94.6	60	7.8	5.4-10.2
\$100,000 - 199,999	649	70,787	602	92.5	90.0-95.0	47	7.5	5.0-10.0

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 7: CHRONIC HEALTH CONDITIONS**

**TABLE 9: ADULTS WHO HAVE BEEN TOLD THEY CURRENTLY HAVE ASTHMA (\_CASTHM1)**  
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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2916	295,160	2588	86.7	84.9-88.5	328	13.3	11.5-15.1
Native	94	13,748	75	75.4	62.1-88.7	19	24.6	11.3-37.9
Non-Native	2785	276,910	2482	87.5	85.7-89.3	303	12.5	10.7-14.3
18-24	129	40,005	109	82.3	74.9-89.7	20	17.7	10.3-25.1
25-34	261	50,111	216	78.8	72.7-84.9	45	21.2	15.1-27.3
35-44	335	49,788	297	87.8	83.5-92.1	38	12.2	7.9-16.5
45-54	394	38,634	347	88.5	85.2-91.8	47	11.5	8.2-14.8
55-64	512	43,458	464	90.6	87.7-93.5	48	9.4	6.5-12.3
65+	1285	73,165	1155	90.5	88.7-92.3	130	9.5	7.7-11.3
Less Than H.S.	75	19,185	58	69.2	55.5-82.9	17	30.8	17.1-44.5
H.S. or G.E.D.	667	69,604	584	84.1	80.0-88.2	83	15.9	11.8-20.0
Some Post-H.S.	914	112,294	807	87.9	85.4-90.4	107	12.1	9.6-14.6
College Graduate	1251	93,527	1130	90.7	88.7-92.7	121	9.3	7.3-11.3
Less than \$15,000	81	10,735	64	64.6	47.5-81.7	17	35.4	18.3-52.5
\$15,000- 24,999	192	22,618	164	85.3	79.2-91.4	28	14.7	8.6-20.8
\$25,000- 34,999	251	24,870	220	83.8	76.5-91.1	31	16.2	8.9-23.5
\$35,000- 49,999	331	31,429	285	82.5	76.2-88.8	46	17.5	11.2-23.8
\$50,000- 99,999	741	73,723	672	90.0	87.1-92.9	69	10.0	7.1-12.9
\$100,000 - 199,999	494	52,344	442	87.0	82.5-91.5	52	13.0	8.5-17.5

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 CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 7: CHRONIC HEALTH CONDITIONS**  
**TABLE 10: COMPUTED ASTHMA STATUS (\_ASTHMS1)**

Denominator excludes: Respondents not reporting they have been told they have asthma  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Current			Former			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5702	602,386	526	10.1	8.9-11.3	187	4.0	3.2- 4.8	4989	85.9	84.7-87.1
Male	2786	307,226	198	7.1	5.9- 8.3	94	4.1	3.1- 5.1	2494	88.8	87.2-90.4
Female	2916	295,160	328	13.3	11.5-15.1	93	3.9	2.9- 4.9	2495	82.8	80.8-84.8
Native	163	24,595	30	19.6	11.0-28.2	4	2.0	0.0- 4.2	129	78.5	69.9-87.1
Non-Native	5451	567,905	487	9.6	8.6-10.6	179	4.1	3.3- 4.9	4785	86.3	85.1-87.5
18-24	305	84,959	31	11.5	7.4-15.6	20	6.2	3.3- 9.1	254	82.3	77.4-87.2
25-34	574	107,367	69	14.2	10.7-17.7	34	5.6	3.6- 7.6	471	80.2	76.5-83.9
35-44	750	103,120	62	8.6	6.2-11.0	44	5.5	3.7- 7.3	644	85.8	82.9-88.7
45-54	814	80,849	80	9.6	7.4-11.8	24	2.9	1.5- 4.3	710	87.4	84.9-89.9
55-64	962	88,467	85	9.0	6.8-11.2	24	3.1	1.5- 4.7	853	87.8	85.3-90.3
65+	2297	137,625	199	8.2	6.8- 9.6	41	1.5	0.9- 2.1	2057	90.3	88.9-91.7
Less Than H.S.	171	43,239	24	17.5	10.1-24.9	4	3.7	0.0- 7.6	143	78.8	70.8-86.8
H.S. or G.E.D.	1434	158,919	135	10.7	8.5-12.9	43	3.9	2.5- 5.3	1256	85.4	82.9-87.9
Some Post-H.S.	1766	229,524	180	10.1	8.3-11.9	60	4.0	2.8- 5.2	1526	85.9	83.9-87.9
College Graduate	2312	168,733	187	7.9	6.5- 9.3	79	4.1	3.1- 5.1	2046	87.9	86.3-89.5
Less than \$15,000	148	18,175	23	23.9	12.5-35.3	8	8.4	1.0-15.8	117	67.7	55.5-79.9
\$15,000- 24,999	308	36,135	39	12.3	8.0-16.6	14	6.0	2.3- 9.7	255	81.6	76.1-87.1
\$25,000- 34,999	453	48,719	40	10.9	6.4-15.4	21	6.2	2.7- 9.7	392	82.8	77.5-88.1
\$35,000- 49,999	622	60,640	67	12.2	8.5-15.9	18	2.9	1.3- 4.5	537	84.9	81.0-88.8
\$50,000- 99,999	1548	163,914	129	8.8	7.0-10.6	53	3.7	2.5- 4.9	1366	87.5	85.3-89.7
\$100,000 - 199,999	1143	123,131	99	9.9	7.5-12.3	36	3.9	2.5- 5.3	1008	86.2	83.5-88.9

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 CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 7: CHRONIC HEALTH CONDITIONS**  
**TABLE 11: COMPUTED ASTHMA STATUS (\_ASTHMS1)**

Denominator excludes: Respondents not reporting they have been told they have asthma  
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		Current			Former			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2786	307,226	198	7.1	5.9- 8.3	94	4.1	3.1- 5.1	2494	88.8	87.2-90.4
Native	69	10,847	11	13.2	4.6-21.8	1	1.9	0.0- 5.6	57	84.9	75.7-94.1
Non-Native	2666	290,995	184	6.9	5.7- 8.1	89	4.1	3.1- 5.1	2393	89.0	87.4-90.6
18-24	176	44,954	11	6.0	2.3- 9.7	10	5.5	1.8- 9.2	155	88.5	83.2-93.8
25-34	313	57,256	24	8.1	4.8-11.4	20	5.7	3.0- 8.4	269	86.2	82.1-90.3
35-44	415	53,332	24	5.3	3.1- 7.5	22	4.9	2.7- 7.1	369	89.8	86.7-92.9
45-54	420	42,215	33	7.9	5.2-10.6	13	3.7	1.5- 5.9	374	88.5	85.2-91.8
55-64	450	45,009	37	8.7	5.6-11.8	9	3.2	0.5- 5.9	404	88.2	84.1-92.3
65+	1012	64,460	69	6.8	5.0- 8.6	20	1.8	0.8- 2.8	923	91.4	89.4-93.4
Less Than H.S.	96	24,054	7	7.0	1.1-12.9	3	6.2	0.0-13.3	86	86.8	78.0-95.6
H.S. or G.E.D.	767	89,315	52	6.7	4.5- 8.9	22	3.3	1.7- 4.9	693	90.0	87.5-92.5
Some Post-H.S.	852	117,230	73	8.1	5.9-10.3	32	4.3	2.7- 5.9	747	87.6	85.1-90.1
College Graduate	1061	75,207	66	6.1	4.5- 7.7	36	3.9	2.5- 5.3	959	90.0	87.8-92.2
Less than \$15,000	67	7,440	6	7.2	0.7-13.7	5	15.0	0.0-30.7	56	77.7	61.8-93.6
\$15,000- 24,999	116	13,517	11	8.3	2.6-14.0	6	6.9	1.0-12.8	99	84.8	77.0-92.6
\$25,000- 34,999	202	23,848	9	5.5	0.6-10.4	11	9.2	2.7-15.7	182	85.4	77.8-93.0
\$35,000- 49,999	291	29,211	21	6.5	3.2- 9.8	7	1.5	0.1- 2.9	263	92.1	88.6-95.6
\$50,000- 99,999	807	90,192	60	7.8	5.4-10.2	25	3.0	1.6- 4.4	722	89.1	86.6-91.6
\$100,000 - 199,999	649	70,787	47	7.5	5.0-10.0	15	2.9	1.3- 4.5	587	89.6	86.7-92.5

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 7: CHRONIC HEALTH CONDITIONS**  
**TABLE 12: COMPUTED ASTHMA STATUS (\_ASTHMS1)**

Denominator excludes: Respondents not reporting they have been told they have asthma  
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		Current			Former			Never		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2916	295,160	328	13.3	11.5-15.1	93	3.9	2.9- 4.9	2495	82.8	80.8-84.8
Native	94	13,748	19	24.6	11.3-37.9	3	2.1	0.0- 4.8	72	73.4	60.1-86.7
Non-Native	2785	276,910	303	12.5	10.7-14.3	90	4.1	3.1- 5.1	2392	83.4	81.4-85.4
18-24	129	40,005	20	17.7	10.3-25.1	10	6.9	2.2-11.6	99	75.4	67.2-83.6
25-34	261	50,111	45	21.2	15.1-27.3	14	5.4	2.5- 8.3	202	73.4	67.1-79.7
35-44	335	49,788	38	12.2	7.9-16.5	22	6.1	3.4- 8.8	275	81.6	76.7-86.5
45-54	394	38,634	47	11.5	8.2-14.8	11	2.1	0.7- 3.5	336	86.3	82.6-90.0
55-64	512	43,458	48	9.4	6.5-12.3	15	3.1	1.3- 4.9	449	87.5	84.2-90.8
65+	1285	73,165	130	9.5	7.7-11.3	21	1.3	0.7- 1.9	1134	89.2	87.2-91.2
Less Than H.S.	75	19,185	17	30.8	17.1-44.5	1	0.6	0.0- 1.8	57	68.6	54.9-82.3
H.S. or G.E.D.	667	69,604	83	15.9	11.8-20.0	21	4.5	1.8- 7.2	563	79.5	75.0-84.0
Some Post-H.S.	914	112,294	107	12.1	9.6-14.6	28	3.8	2.2- 5.4	779	84.1	81.2-87.0
College Graduate	1251	93,527	121	9.3	7.3-11.3	43	4.4	2.8- 6.0	1087	86.3	83.9-88.7
Less than \$15,000	81	10,735	17	35.4	18.3-52.5	3	3.8	0.0- 8.7	61	60.8	43.9-77.7
\$15,000- 24,999	192	22,618	28	14.7	8.6-20.8	8	5.6	0.9-10.3	156	79.8	72.5-87.1
\$25,000- 34,999	251	24,870	31	16.2	8.9-23.5	10	3.4	0.9- 5.9	210	80.4	73.0-87.8
\$35,000- 49,999	331	31,429	46	17.5	11.2-23.8	11	4.2	1.5- 6.9	274	78.3	71.6-85.0
\$50,000- 99,999	741	73,723	69	10.0	7.1-12.9	28	4.5	2.5- 6.5	644	85.5	82.2-88.8
\$100,000 - 199,999	494	52,344	52	13.0	8.5-17.5	21	5.3	2.8- 7.8	421	81.6	76.7-86.5

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 7: CHRONIC HEALTH CONDITIONS**

**TABLE 13: RESPONDENTS WHO HAVE HAD A DOCTOR DIAGNOSE THEM AS HAVING SOME FORM OF ARTHRITIS (\_DRDXAR2)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Diagnosed with arthritis			Not Diagnosed with arthritis		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5716	604,242	1945	25.9	24.5-27.3	3771	74.1	72.7-75.5
Male	2798	309,154	755	20.7	18.9-22.5	2043	79.3	77.5-81.1
Female	2918	295,087	1190	31.4	29.2-33.6	1728	68.6	66.4-70.8
Native	164	24,657	56	22.1	15.0-29.2	108	77.9	70.8-85.0
Non-Native	5464	569,698	1860	26.1	24.7-27.5	3604	73.9	72.5-75.3
18-24	306	85,419	17	5.7	2.8- 8.6	289	94.3	91.4-97.2
25-34	574	107,218	49	9.1	6.6-11.6	525	90.9	88.4-93.4
35-44	756	103,978	94	13.5	10.6-16.4	662	86.5	83.6-89.4
45-54	814	81,073	220	27.8	24.3-31.3	594	72.2	68.7-75.7
55-64	965	88,800	356	37.7	34.0-41.4	609	62.3	58.6-66.0
65+	2301	137,755	1209	52.4	49.9-54.9	1092	47.6	45.1-50.1
Less Than H.S.	171	43,322	71	30.8	23.0-38.6	100	69.2	61.4-77.0
H.S. or G.E.D.	1440	159,017	528	26.4	23.9-28.9	912	73.6	71.1-76.1
Some Post-H.S.	1772	231,048	633	27.5	25.1-29.9	1139	72.5	70.1-74.9
College Graduate	2314	168,883	709	22.4	20.6-24.2	1605	77.6	75.8-79.4
Less than \$15,000	148	18,175	58	32.7	22.7-42.7	90	67.3	57.3-77.3
\$15,000- 24,999	308	36,126	136	33.8	27.3-40.3	172	66.2	59.7-72.7
\$25,000- 34,999	458	48,940	197	31.3	26.0-36.6	261	68.7	63.4-74.0
\$35,000- 49,999	624	60,852	263	33.3	28.8-37.8	361	66.7	62.2-71.2
\$50,000- 99,999	1551	164,402	521	26.0	23.5-28.5	1030	74.0	71.5-76.5
\$100,000 - 199,999	1144	123,290	261	18.3	15.8-20.8	883	81.7	79.2-84.2

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 7: CHRONIC HEALTH CONDITIONS**

**TABLE 14: RESPONDENTS WHO HAVE HAD A DOCTOR DIAGNOSE THEM AS HAVING SOME FORM OF ARTHRITIS (\_DRDXAR2)**  
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		Diagnosed with arthritis			Not Diagnosed with arthritis		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2798	309,154	755	20.7	18.9-22.5	2043	79.3	77.5-81.1
Native	70	10,909	16	16.6	7.0-26.2	54	83.4	73.8-93.0
Non-Native	2677	292,861	730	21.1	19.3-22.9	1947	78.9	77.1-80.7
18-24	177	45,183	6	2.6	0.4- 4.8	171	97.4	95.2-99.6
25-34	316	57,812	21	6.7	3.8- 9.6	295	93.3	90.4-96.2
35-44	421	54,177	42	10.9	7.4-14.4	379	89.1	85.6-92.6
45-54	418	42,207	89	21.7	17.2-26.2	329	78.3	73.8-82.8
55-64	454	45,395	149	34.1	28.8-39.4	305	65.9	60.6-71.2
65+	1012	64,381	448	44.4	40.7-48.1	564	55.6	51.9-59.3
Less Than H.S.	97	24,192	33	22.3	13.9-30.7	64	77.7	69.3-86.1
H.S. or G.E.D.	773	89,952	205	20.2	17.1-23.3	568	79.8	76.7-82.9
Some Post-H.S.	857	118,180	235	21.7	18.8-24.6	622	78.3	75.4-81.2
College Graduate	1061	75,409	281	19.7	17.2-22.2	780	80.3	77.8-82.8
Less than \$15,000	67	7,440	19	28.3	15.4-41.2	48	71.7	58.8-84.6
\$15,000- 24,999	116	13,553	40	28.4	18.6-38.2	76	71.6	61.8-81.4
\$25,000- 34,999	206	24,367	63	21.4	15.1-27.7	143	78.6	72.3-84.9
\$35,000- 49,999	294	29,629	116	32.5	26.2-38.8	178	67.5	61.2-73.8
\$50,000- 99,999	806	90,128	229	21.3	18.2-24.4	577	78.7	75.6-81.8
\$100,000 - 199,999	652	71,209	127	15.9	12.8-19.0	525	84.1	81.0-87.2

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 7: CHRONIC HEALTH CONDITIONS**

**TABLE 15: RESPONDENTS WHO HAVE HAD A DOCTOR DIAGNOSE THEM AS HAVING SOME FORM OF ARTHRITIS (\_DRDXAR2)**  
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		Diagnosed with arthritis			Not Diagnosed with arthritis		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2918	295,087	1190	31.4	29.2-33.6	1728	68.6	66.4-70.8
Native	94	13,748	40	26.4	16.2-36.6	54	73.6	63.4-83.8
Non-Native	2787	276,837	1130	31.4	29.2-33.6	1657	68.6	66.4-70.8
18-24	129	40,236	11	9.2	3.7-14.7	118	90.8	85.3-96.3
25-34	258	49,406	28	12.0	7.5-16.5	230	88.0	83.5-92.5
35-44	335	49,800	52	16.3	11.6-21.0	283	83.7	79.0-88.4
45-54	396	38,866	131	34.4	28.9-39.9	265	65.6	60.1-71.1
55-64	511	43,405	207	41.3	36.2-46.4	304	58.7	53.6-63.8
65+	1289	73,374	761	59.4	56.3-62.5	528	40.6	37.5-43.7
Less Than H.S.	74	19,129	38	41.4	27.9-54.9	36	58.6	45.1-72.1
H.S. or G.E.D.	667	69,065	323	34.5	30.2-38.8	344	65.5	61.2-69.8
Some Post-H.S.	915	112,869	398	33.5	30.0-37.0	517	66.5	63.0-70.0
College Graduate	1253	93,473	428	24.6	22.1-27.1	825	75.4	72.9-77.9
Less than \$15,000	81	10,735	39	35.8	21.3-50.3	42	64.2	49.7-78.7
\$15,000- 24,999	192	22,573	96	37.1	28.5-45.7	96	62.9	54.3-71.5
\$25,000- 34,999	252	24,574	134	41.2	33.0-49.4	118	58.8	50.6-67.0
\$35,000- 49,999	330	31,224	147	34.1	27.8-40.4	183	65.9	59.6-72.2
\$50,000- 99,999	745	74,274	292	31.6	27.5-35.7	453	68.4	64.3-72.5
\$100,000 - 199,999	492	52,080	134	21.6	17.3-25.9	358	78.4	74.1-82.7

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 RSE > 0.30 have been suppressed.

BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 11: 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.

\* \* \* \* \*

TABLE	PAGE
FOUR-LEVEL SMOKER STATUS: EVERYDAY SMOKER, SOMEDAY SMOKER, FORMER SMOKER, NON-SMOKER (_SMOKER3)	
1 MALES AND FEMALES	136
2 MALES ONLY	137
3 FEMALES ONLY	138
ADULTS WHO ARE CURRENT SMOKERS (_RFSMOK3)	
4 MALES AND FEMALES	139
5 MALES ONLY	140
6 FEMALES ONLY	141
ADULTS WHO ARE CURRENT E-CIGARETTE USERS (_CURECI2)	
7 MALES AND FEMALES	142
8 MALES ONLY	143
9 FEMALES ONLY	144

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 11: TOBACCO USE**

**TABLE 1: FOUR-LEVEL SMOKER STATUS: EVERYDAY SMOKER, SOMEDAY SMOKER, FORMER SMOKER, NON-SMOKER (\_SMOKER3)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Smoke everyday			Smoke some days			Former smoker			Never smoked		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5361	565,865	437	9.5	8.3-10.7	169	3.8	3.0- 4.6	1501	24.6	23.2-26.0	3254	62.0	60.2-63.8
Male	2631	291,502	230	10.0	8.4-11.6	86	4.2	3.0- 5.4	836	27.4	25.4-29.4	1479	58.4	56.0-60.8
Female	2730	274,363	207	9.0	7.4-10.6	83	3.4	2.4- 4.4	665	21.8	19.8-23.8	1775	65.8	63.4-68.2
Native	146	21,665	26	21.2	12.0-30.4	18	11.2	5.5-16.9	41	28.4	18.4-38.4	61	39.1	28.9-49.3
Non-Native	5137	535,822	404	9.1	7.9-10.3	147	3.5	2.7- 4.3	1437	24.4	23.0-25.8	3149	63.0	61.2-64.8
18-24	287	80,946	7	3.2	0.5- 5.9	14	5.3	2.4- 8.2	21	7.6	4.3-10.9	245	83.9	79.0-88.8
25-34	540	101,355	41	10.8	7.3-14.3	26	4.8	2.8- 6.8	105	21.5	17.4-25.6	368	62.9	58.2-67.6
35-44	703	96,347	74	12.5	9.6-15.4	27	3.8	2.2- 5.4	184	25.7	22.2-29.2	418	58.0	53.9-62.1
45-54	757	75,532	85	12.2	9.5-14.9	31	4.5	2.7- 6.3	187	24.5	21.0-28.0	454	58.8	54.7-62.9
55-64	892	81,036	114	15.2	12.1-18.3	32	3.8	2.2- 5.4	230	25.1	21.8-28.4	516	55.9	52.0-59.8
65+	2182	130,648	116	5.2	4.2- 6.2	39	1.7	1.1- 2.3	774	36.7	34.2-39.2	1253	56.4	53.9-58.9
Less Than H.S.	160	40,336	36	29.2	20.2-38.2	10	7.7	2.4-13.0	49	25.1	17.3-32.9	65	38.0	28.8-47.2
H.S. or G.E.D.	1331	147,395	172	11.9	9.9-13.9	50	3.9	2.7- 5.1	431	27.5	24.6-30.4	678	56.7	53.4-60.0
Some Post-H.S.	1670	216,792	156	8.9	7.3-10.5	59	4.2	3.0- 5.4	515	26.7	24.2-29.2	940	60.2	57.5-62.9
College Graduate	2183	159,382	72	3.2	2.4- 4.0	49	2.2	1.4- 3.0	505	19.4	17.6-21.2	1557	75.3	73.3-77.3
Less than \$15,000	141	17,074	27	19.0	9.4-28.6	8	4.5	1.0- 8.0	37	26.0	14.6-37.4	69	50.6	38.6-62.6
\$15,000- 24,999	297	35,093	52	18.6	12.7-24.5	16	6.7	2.6-10.8	77	19.9	14.6-25.2	152	54.8	47.4-62.2
\$25,000- 34,999	447	47,986	56	14.8	10.1-19.5	19	6.2	2.9- 9.5	136	24.3	19.2-29.4	236	54.8	48.5-61.1
\$35,000- 49,999	605	58,521	56	11.0	7.3-14.7	23	5.6	2.9- 8.3	206	30.5	26.2-34.8	320	52.8	47.7-57.9
\$50,000- 99,999	1519	161,569	117	8.9	6.9-10.9	41	2.7	1.7- 3.7	426	24.5	22.0-27.0	935	63.8	60.7-66.9
\$100,000 - 199,999	1125	121,666	50	5.3	3.7- 6.9	33	3.7	2.1- 5.3	323	26.9	23.8-30.0	719	64.0	60.7-67.3

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 11: TOBACCO USE**

**TABLE 2: FOUR-LEVEL SMOKER STATUS: EVERYDAY SMOKER, SOMEDAY SMOKER, FORMER SMOKER, NON-SMOKER (\_SMOKER3)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Data was weighted using _LLCPWT.											
			Smoke everyday			Smoke some days			Former smoker			Never smoked		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2631	291,502	230	10.0	8.4-11.6	86	4.2	3.0- 5.4	836	27.4	25.4-29.4	1479	58.4	56.0-60.8
Native	66	10,577	16	31.7	16.8-46.6	4	5.3	0.0-10.8	19	25.2	13.2-37.2	27	37.9	23.6-52.2
Non-Native	2519	276,425	213	9.3	7.7-10.9	79	4.2	3.0- 5.4	800	27.3	25.3-29.3	1427	59.2	56.8-61.6
18-24	164	42,681	6	4.5	0.6- 8.4	11	7.4	2.9-11.9	11	5.7	2.4- 9.0	136	82.4	75.9-88.9
25-34	299	55,248	27	12.3	7.2-17.4	20	6.8	3.5-10.1	63	23.3	17.8-28.8	189	57.6	51.1-64.1
35-44	394	50,549	44	13.1	9.2-17.0	12	3.3	1.1- 5.5	110	28.1	23.2-33.0	228	55.6	50.1-61.1
45-54	387	39,288	39	10.3	7.0-13.6	17	4.3	2.1- 6.5	111	29.0	23.9-34.1	220	56.4	50.7-62.1
55-64	425	42,514	56	14.9	10.4-19.4	11	2.8	0.8- 4.8	111	26.1	21.4-30.8	247	56.1	50.4-61.8
65+	962	61,222	58	5.7	4.1- 7.3	15	1.5	0.7- 2.3	430	45.4	41.7-49.1	459	47.5	43.8-51.2
Less Than H.S.	89	22,626	18	27.0	14.8-39.2	6	9.5	1.7-17.3	30	24.5	15.1-33.9	35	39.0	26.5-51.5
H.S. or G.E.D.	721	84,230	91	11.2	8.7-13.7	28	4.2	2.4- 6.0	251	29.6	25.9-33.3	351	55.0	50.7-59.3
Some Post-H.S.	814	112,467	80	9.4	7.2-11.6	29	4.3	2.5- 6.1	290	30.0	26.5-33.5	415	56.2	52.3-60.1
College Graduate	998	70,721	40	4.0	2.6- 5.4	22	2.3	1.3- 3.3	264	21.8	19.1-24.5	672	72.0	68.9-75.1
Less than \$15,000	64	7,062	12	20.7	4.4-37.0	5	7.5	0.2-14.8	18	21.3	9.9-32.7	29	50.4	34.5-66.3
\$15,000- 24,999	111	12,915	19	21.4	10.0-32.8	3	1.7	0.0- 4.1	33	25.7	15.5-35.9	56	51.3	39.0-63.6
\$25,000- 34,999	202	23,559	27	15.7	8.6-22.8	13	9.3	3.4-15.2	67	22.8	16.3-29.3	95	52.1	43.1-61.1
\$35,000- 49,999	286	28,803	36	13.8	8.5-19.1	8	4.0	0.7- 7.3	115	35.3	28.8-41.8	127	46.9	39.6-54.2
\$50,000- 99,999	789	88,547	62	9.2	6.3-12.1	23	3.2	1.6- 4.8	255	28.0	24.3-31.7	449	59.5	55.2-63.8
\$100,000 - 199,999	644	70,714	33	6.0	3.6- 8.4	18	4.0	1.8- 6.2	201	29.8	25.7-33.9	392	60.2	55.7-64.7

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 11: TOBACCO USE**

**TABLE 3: FOUR-LEVEL SMOKER STATUS: EVERYDAY SMOKER, SOMEDAY SMOKER, FORMER SMOKER, NON-SMOKER (\_SMOKER3)**  
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		Smoke everyday			Smoke some days			Former smoker			Never smoked		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2730	274,363	207	9.0	7.4-10.6	83	3.4	2.4- 4.4	665	21.8	19.8-23.8	1775	65.8	63.4-68.2
Native	80	11,089	10	11.2	1.4-21.0	14	16.8	7.0-26.6	22	31.6	15.9-47.3	34	40.3	26.2-54.4
Non-Native	2618	259,396	191	8.9	7.3-10.5	68	2.8	2.0- 3.6	637	21.3	19.3-23.3	1722	67.0	64.6-69.4
18-24	123	38,265	1	1.8	0.0- 5.3	3	2.9	0.0- 6.2	10	9.8	3.7-15.9	109	85.4	78.0-92.8
25-34	241	46,107	14	9.0	4.5-13.5	6	2.4	0.4- 4.4	42	19.4	13.3-25.5	179	69.1	62.2-76.0
35-44	309	45,798	30	11.8	7.5-16.1	15	4.5	2.1- 6.9	74	23.1	17.8-28.4	190	60.7	54.4-67.0
45-54	370	36,244	46	14.4	10.1-18.7	14	4.7	2.0- 7.4	76	19.6	15.1-24.1	234	61.3	55.4-67.2
55-64	467	38,522	58	15.5	10.8-20.2	21	4.9	2.7- 7.1	119	24.0	19.7-28.3	269	55.6	50.1-61.1
65+	1220	69,426	58	4.8	3.4- 6.2	24	1.9	0.9- 2.9	344	29.0	25.9-32.1	794	64.3	61.0-67.6
Less Than H.S.	71	17,710	18	31.9	18.4-45.4	4	5.5	0.0-12.0	19	25.8	13.1-38.5	30	36.8	23.1-50.5
H.S. or G.E.D.	610	63,166	81	12.8	9.7-15.9	22	3.4	1.6- 5.2	180	24.8	20.5-29.1	327	59.0	53.9-64.1
Some Post-H.S.	856	104,326	76	8.4	6.2-10.6	30	4.0	2.4- 5.6	225	23.0	19.5-26.5	525	64.5	60.6-68.4
College Graduate	1185	88,660	32	2.5	1.5- 3.5	27	2.1	1.1- 3.1	241	17.5	15.1-19.9	885	77.9	75.2-80.6
Less than \$15,000	77	10,012	15	17.8	6.0-29.6	3	2.3	0.0- 5.2	19	29.2	11.8-46.6	40	50.7	33.6-67.8
\$15,000- 24,999	186	22,178	33	17.0	10.5-23.5	13	9.6	3.3-15.9	44	16.5	10.4-22.6	96	56.9	47.7-66.1
\$25,000- 34,999	245	24,427	29	13.8	7.5-20.1	6	3.1	0.2- 6.0	69	25.8	18.2-33.4	141	57.3	48.5-66.1
\$35,000- 49,999	319	29,718	20	8.3	3.0-13.6	15	7.2	3.1-11.3	91	25.9	20.0-31.8	193	58.6	51.3-65.9
\$50,000- 99,999	730	73,021	55	8.6	5.9-11.3	18	2.1	0.9- 3.3	171	20.2	16.7-23.7	486	69.0	64.9-73.1
\$100,000 - 199,999	481	50,952	17	4.5	2.1- 6.9	15	3.3	1.5- 5.1	122	22.9	18.4-27.4	327	69.3	64.2-74.4

NOTE:

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

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 11: TOBACCO USE**

**TABLE 4: ADULTS WHO ARE CURRENT SMOKERS (\_RFSMOK3)**

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

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5361	565,865	4755	86.7	85.5-87.9	606	13.3	12.1-14.5
Male	2631	291,502	2315	85.7	83.9-87.5	316	14.3	12.5-16.1
Female	2730	274,363	2440	87.6	85.8-89.4	290	12.4	10.6-14.2
Native	146	21,665	102	67.6	57.6-77.6	44	32.4	22.4-42.4
Non-Native	5137	535,822	4586	87.4	86.2-88.6	551	12.6	11.4-13.8
18-24	287	80,946	266	91.5	87.8-95.2	21	8.5	4.8-12.2
25-34	540	101,355	473	84.4	80.5-88.3	67	15.6	11.7-19.5
35-44	703	96,347	602	83.7	80.4-87.0	101	16.3	13.0-19.6
45-54	757	75,532	641	83.3	80.2-86.4	116	16.7	13.6-19.8
55-64	892	81,036	746	81.0	77.7-84.3	146	19.0	15.7-22.3
65+	2182	130,648	2027	93.1	91.9-94.3	155	6.9	5.7- 8.1
Less Than H.S.	160	40,336	114	63.1	53.7-72.5	46	36.9	27.5-46.3
H.S. or G.E.D.	1331	147,395	1109	84.2	81.8-86.6	222	15.8	13.4-18.2
Some Post-H.S.	1670	216,792	1455	86.9	84.9-88.9	215	13.1	11.1-15.1
College Graduate	2183	159,382	2062	94.6	93.4-95.8	121	5.4	4.2- 6.6
Less than \$15,000	141	17,074	106	76.5	66.5-86.5	35	23.5	13.5-33.5
\$15,000- 24,999	297	35,093	229	74.7	68.0-81.4	68	25.3	18.6-32.0
\$25,000- 34,999	447	47,986	372	79.1	73.6-84.6	75	20.9	15.4-26.4
\$35,000- 49,999	605	58,521	526	83.3	79.0-87.6	79	16.7	12.4-21.0
\$50,000- 99,999	1519	161,569	1361	88.3	86.1-90.5	158	11.7	9.5-13.9
\$100,000 - 199,999	1125	121,666	1042	91.0	88.8-93.2	83	9.0	6.8-11.2

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 11: TOBACCO USE**

**TABLE 5: ADULTS WHO ARE CURRENT SMOKERS (\_RFSMOK3)**

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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2631	291,502	2315	85.7	83.9-87.5	316	14.3	12.5-16.1
Native	66	10,577	46	63.0	47.9-78.1	20	37.0	21.9-52.1
Non-Native	2519	276,425	2227	86.5	84.7-88.3	292	13.5	11.7-15.3
18-24	164	42,681	147	88.1	82.4-93.8	17	11.9	6.2-17.6
25-34	299	55,248	252	80.9	75.2-86.6	47	19.1	13.4-24.8
35-44	394	50,549	338	83.6	79.3-87.9	56	16.4	12.1-20.7
45-54	387	39,288	331	85.5	81.6-89.4	56	14.5	10.6-18.4
55-64	425	42,514	358	82.2	77.5-86.9	67	17.8	13.1-22.5
65+	962	61,222	889	92.9	91.1-94.7	73	7.1	5.3- 8.9
Less Than H.S.	89	22,626	65	63.5	50.6-76.4	24	36.5	23.6-49.4
H.S. or G.E.D.	721	84,230	602	84.6	81.7-87.5	119	15.4	12.5-18.3
Some Post-H.S.	814	112,467	705	86.3	83.6-89.0	109	13.7	11.0-16.4
College Graduate	998	70,721	936	93.7	91.9-95.5	62	6.3	4.5- 8.1
Less than \$15,000	64	7,062	47	71.8	55.3-88.3	17	28.2	11.7-44.7
\$15,000- 24,999	111	12,915	89	76.9	65.3-88.5	22	23.1	11.5-34.7
\$25,000- 34,999	202	23,559	162	74.9	66.5-83.3	40	25.1	16.7-33.5
\$35,000- 49,999	286	28,803	242	82.2	76.3-88.1	44	17.8	11.9-23.7
\$50,000- 99,999	789	88,547	704	87.6	84.5-90.7	85	12.4	9.3-15.5
\$100,000 - 199,999	644	70,714	593	90.1	87.0-93.2	51	9.9	6.8-13.0

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 CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 11: TOBACCO USE**

**TABLE 6: ADULTS WHO ARE CURRENT SMOKERS (\_RFSMOK3)**

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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2730	274,363	2440	87.6	85.8-89.4	290	12.4	10.6-14.2
Native	80	11,089	56	71.9	59.0-84.8	24	28.1	15.2-41.0
Non-Native	2618	259,396	2359	88.3	86.5-90.1	259	11.7	9.9-13.5
18-24	123	38,265	119	95.3	90.4- 100	4	4.7	0.0- 9.6
25-34	241	46,107	221	88.5	83.6-93.4	20	11.5	6.6-16.4
35-44	309	45,798	264	83.8	78.9-88.7	45	16.2	11.3-21.1
45-54	370	36,244	310	80.9	76.0-85.8	60	19.1	14.2-24.0
55-64	467	38,522	388	79.6	74.7-84.5	79	20.4	15.5-25.3
65+	1220	69,426	1138	93.3	91.7-94.9	82	6.7	5.1- 8.3
Less Than H.S.	71	17,710	49	62.6	48.7-76.5	22	37.4	23.5-51.3
H.S. or G.E.D.	610	63,166	507	83.7	80.2-87.2	103	16.3	12.8-19.8
Some Post-H.S.	856	104,326	750	87.6	84.9-90.3	106	12.4	9.7-15.1
College Graduate	1185	88,660	1126	95.4	94.0-96.8	59	4.6	3.2- 6.0
Less than \$15,000	77	10,012	59	79.9	67.9-91.9	18	20.1	8.1-32.1
\$15,000- 24,999	186	22,178	140	73.5	65.3-81.7	46	26.5	18.3-34.7
\$25,000- 34,999	245	24,427	210	83.1	76.4-89.8	35	16.9	10.2-23.6
\$35,000- 49,999	319	29,718	284	84.5	78.2-90.8	35	15.5	9.2-21.8
\$50,000- 99,999	730	73,021	657	89.3	86.4-92.2	73	10.7	7.8-13.6
\$100,000 - 199,999	481	50,952	449	92.2	89.3-95.1	32	7.8	4.9-10.7

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 11: TOBACCO USE**

**TABLE 7: ADULTS WHO ARE CURRENT E-CIGARETTE USERS (\_CURECI2)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Not currently using E-cigarettes			Current E-cigarette user		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5368	566,235	5082	90.7	89.5-91.9	286	9.3	8.1-10.5
Male	2640	292,566	2478	90.2	88.6-91.8	162	9.8	8.2-11.4
Female	2728	273,668	2604	91.2	89.4-93.0	124	8.8	7.0-10.6
Native	148	21,968	139	89.4	81.0-97.8	9	10.6	2.2-19.0
Non-Native	5142	535,859	4865	90.6	89.4-91.8	277	9.4	8.2-10.6
18-24	285	80,421	211	74.7	69.2-80.2	74	25.3	19.8-30.8
25-34	543	102,214	463	82.7	78.8-86.6	80	17.3	13.4-21.2
35-44	698	95,988	635	90.9	88.5-93.3	63	9.1	6.7-11.5
45-54	755	75,316	718	95.3	93.7-96.9	37	4.7	3.1- 6.3
55-64	894	81,352	874	98.0	97.0-99.0	20	2.0	1.0- 3.0
65+	2193	130,943	2181	99.6	99.4-99.8	12	0.4	0.2- 0.6
Less Than H.S.	164	41,247	142	79.7	71.5-87.9	22	20.3	12.1-28.5
H.S. or G.E.D.	1333	147,400	1234	88.1	85.7-90.5	99	11.9	9.5-14.3
Some Post-H.S.	1671	216,681	1569	90.5	88.5-92.5	102	9.5	7.5-11.5
College Graduate	2182	158,917	2121	96.2	95.0-97.4	61	3.8	2.6- 5.0
Less than \$15,000	141	17,199	124	78.8	67.2-90.4	17	21.2	9.6-32.8
\$15,000- 24,999	295	34,933	266	82.1	75.6-88.6	29	17.9	11.4-24.4
\$25,000- 34,999	447	48,222	419	89.0	84.5-93.5	28	11.0	6.5-15.5
\$35,000- 49,999	606	58,325	577	89.5	85.4-93.6	29	10.5	6.4-14.6
\$50,000- 99,999	1517	160,900	1431	90.8	88.6-93.0	86	9.2	7.0-11.4
\$100,000 - 199,999	1126	121,636	1077	94.3	92.5-96.1	49	5.7	3.9- 7.5

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 CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 11: TOBACCO USE**

**TABLE 8: ADULTS WHO ARE CURRENT E-CIGARETTE USERS (\_CURECI2)**

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		Not currently using E-cigarettes			Current E-cigarette user		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2640	292,566	2478	90.2	88.6-91.8	162	9.8	8.2-11.4
Native	67	10,644	63	92.3	84.9-99.7	4	7.7	0.3-15.1
Non-Native	2527	277,422	2369	90.0	88.2-91.8	158	10.0	8.2-11.8
18-24	164	42,681	119	74.2	67.1-81.3	45	25.8	18.7-32.9
25-34	302	56,107	255	83.2	78.3-88.1	47	16.8	11.9-21.7
35-44	392	50,293	355	90.0	86.5-93.5	37	10.0	6.5-13.5
45-54	388	39,378	367	94.6	92.2-97.0	21	5.4	3.0- 7.8
55-64	428	42,963	420	98.3	96.9-99.7	8	1.7	0.3- 3.1
65+	966	61,144	962	99.6	99.2- 100	4	0.4	0.0- 0.8
Less Than H.S.	91	23,244	80	85.4	76.8-94.0	11	14.6	6.0-23.2
H.S. or G.E.D.	721	84,209	658	87.3	84.2-90.4	63	12.7	9.6-15.8
Some Post-H.S.	817	112,808	757	89.5	86.8-92.2	60	10.5	7.8-13.2
College Graduate	1001	70,816	974	96.4	94.8-98.0	27	3.6	2.0- 5.2
Less than \$15,000	64	7,187	54	82.0	70.8-93.2	10	18.0	6.8-29.2
\$15,000- 24,999	108	12,729	94	77.0	65.4-88.6	14	23.0	11.4-34.6
\$25,000- 34,999	201	23,759	188	89.4	82.9-95.9	13	10.6	4.1-17.1
\$35,000- 49,999	285	28,562	270	88.7	82.8-94.6	15	11.3	5.4-17.2
\$50,000- 99,999	792	88,847	740	89.7	86.8-92.6	52	10.3	7.4-13.2
\$100,000 - 199,999	647	70,886	617	94.2	91.8-96.6	30	5.8	3.4- 8.2

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 CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 11: TOBACCO USE**

**TABLE 9: ADULTS WHO ARE CURRENT E-CIGARETTE USERS (\_CURECI2)**

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		Not currently using E-cigarettes			Current E-cigarette user		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2728	273,668	2604	91.2	89.4-93.0	124	8.8	7.0-10.6
Native	81	11,325	76	86.7	72.2- 100	5	13.3	0.0-27.8
Non-Native	2615	258,437	2496	91.3	89.5-93.1	119	8.7	6.9-10.5
18-24	121	37,739	92	75.2	66.8-83.6	29	24.8	16.4-33.2
25-34	241	46,107	208	82.1	75.8-88.4	33	17.9	11.6-24.2
35-44	306	45,695	280	91.9	88.8-95.0	26	8.1	5.0-11.2
45-54	367	35,938	351	96.1	93.9-98.3	16	3.9	1.7- 6.1
55-64	466	38,390	454	97.6	96.2-99.0	12	2.4	1.0- 3.8
65+	1227	69,800	1219	99.5	99.1-99.9	8	0.5	0.1- 0.9
Less Than H.S.	73	18,002	62	72.5	58.4-86.6	11	27.5	13.4-41.6
H.S. or G.E.D.	612	63,192	576	89.1	85.4-92.8	36	10.9	7.2-14.6
Some Post-H.S.	854	103,873	812	91.7	89.0-94.4	42	8.3	5.6-11.0
College Graduate	1181	88,100	1147	96.1	94.5-97.7	34	3.9	2.3- 5.5
Less than \$15,000	77	10,012	70	76.5	58.7-94.3	7	23.5	5.7-41.3
\$15,000- 24,999	187	22,204	172	84.9	77.1-92.7	15	15.1	7.3-22.9
\$25,000- 34,999	246	24,464	231	88.6	82.3-94.9	15	11.4	5.1-17.7
\$35,000- 49,999	321	29,763	307	90.2	84.3-96.1	14	9.8	3.9-15.7
\$50,000- 99,999	725	72,054	691	92.1	89.2-95.0	34	7.9	5.0-10.8
\$100,000 - 199,999	479	50,750	460	94.5	91.8-97.2	19	5.5	2.8- 8.2

NOTE:

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BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 12: ALCOHOL CONSUMPTION 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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TABLE	PAGE
ADULTS WHO REPORTED HAVING HAD AT LEAST ONE DRINK OF ALCOHOL IN THE PAST 30 DAYS. (DRNKANY6)	
1 MALES AND FEMALES	146
2 MALES ONLY	147
3 FEMALES ONLY	148
DRINK-OCCASIONS-PER-DAY (DROCDY4_)	
4 MALES AND FEMALES	149
5 MALES ONLY	150
6 FEMALES ONLY	151
BINGE DRINKERS (MALES HAVING FIVE OR MORE DRINKS ON ONE OCCASION, FEMALES HAVING FOUR OR MORE DRINKS ON ONE OCCASION) (_RFBING6)	
7 MALES AND FEMALES	152
8 MALES ONLY	153
9 FEMALES ONLY	154
CALCULATED TOTAL NUMBER OF ALCOHOLIC BEVERAGES CONSUMED PER WEEK (_DRNKWK2)	
10 MALES AND FEMALES	155
11 MALES ONLY	156
12 FEMALES ONLY	157
HEAVY DRINKERS (ADULT MEN HAVING MORE THAN 14 DRINKS PER WEEK AND ADULT WOMEN HAVING MORE THAN 7 DRINKS PER WEEK) (_RFDRHV8)	
13 MALES AND FEMALES	158
14 MALES ONLY	159
15 FEMALES ONLY	160

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 1: ADULTS WHO REPORTED HAVING HAD AT LEAST ONE DRINK OF ALCOHOL IN THE PAST 30 DAYS. (DRNKANY6)**  
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	5243	552,794	3084	58.8	57.0-60.6	2159	41.2	39.4-43.0
Male	2576	285,440	1685	63.7	61.3-66.1	891	36.3	33.9-38.7
Female	2667	267,354	1399	53.5	51.0-56.0	1268	46.5	44.0-49.0
Native	145	21,425	55	37.3	27.3-47.3	90	62.7	52.7-72.7
Non-Native	5024	523,353	2995	59.8	58.0-61.6	2029	40.2	38.4-42.0
18-24	278	78,939	153	52.6	46.1-59.1	125	47.4	40.9-53.9
25-34	531	99,896	363	65.9	61.2-70.6	168	34.1	29.4-38.8
35-44	681	93,317	457	63.2	58.9-67.5	224	36.8	32.5-41.1
45-54	742	74,231	512	68.5	64.6-72.4	230	31.5	27.6-35.4
55-64	870	79,168	503	55.6	51.7-59.5	367	44.4	40.5-48.3
65+	2141	127,242	1096	50.0	47.5-52.5	1045	50.0	47.5-52.5
Less Than H.S.	157	40,091	64	42.7	33.1-52.3	93	57.3	47.7-66.9
H.S. or G.E.D.	1302	143,263	648	50.8	47.3-54.3	654	49.2	45.7-52.7
Some Post-H.S.	1630	212,235	924	59.6	56.7-62.5	706	40.4	37.5-43.3
College Graduate	2137	155,248	1437	69.2	66.8-71.6	700	30.8	28.4-33.2
Less than \$15,000	139	16,782	48	43.2	31.0-55.4	91	56.8	44.6-69.0
\$15,000- 24,999	286	33,537	101	39.9	32.3-47.5	185	60.1	52.5-67.7
\$25,000- 34,999	437	47,386	198	45.8	39.3-52.3	239	54.2	47.7-60.7
\$35,000- 49,999	597	57,655	298	53.0	47.9-58.1	299	47.0	41.9-52.1
\$50,000- 99,999	1495	157,814	934	61.4	58.3-64.5	561	38.6	35.5-41.7
\$100,000 - 199,999	1102	118,996	849	75.0	71.7-78.3	253	25.0	21.7-28.3

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 2: ADULTS WHO REPORTED HAVING HAD AT LEAST ONE DRINK OF ALCOHOL IN THE PAST 30 DAYS. (DRNKANY6)**  
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	2576	285,440	1685	63.7	61.3-66.1	891	36.3	33.9-38.7
Native	67	10,644	26	35.8	21.9-49.7	41	64.2	50.3-78.1
Non-Native	2466	270,612	1636	64.9	62.5-67.3	830	35.1	32.7-37.5
18-24	161	41,983	91	54.0	45.2-62.8	70	46.0	37.2-54.8
25-34	296	54,922	214	69.8	63.7-75.9	82	30.2	24.1-36.3
35-44	382	48,522	266	67.6	62.3-72.9	116	32.4	27.1-37.7
45-54	382	38,902	274	71.1	66.0-76.2	108	28.9	23.8-34.0
55-64	414	41,563	265	60.1	54.4-65.8	149	39.9	34.2-45.6
65+	941	59,547	575	59.2	55.5-62.9	366	40.8	37.1-44.5
Less Than H.S.	86	22,385	41	46.6	33.7-59.5	45	53.4	40.5-66.3
H.S. or G.E.D.	701	81,883	399	55.9	51.4-60.4	302	44.1	39.6-48.6
Some Post-H.S.	797	110,231	514	66.4	62.5-70.3	283	33.6	29.7-37.5
College Graduate	983	69,485	725	74.1	71.0-77.2	258	25.9	22.8-29.0
Less than \$15,000	62	6,769	24	43.0	26.1-59.9	38	57.0	40.1-73.9
\$15,000- 24,999	105	12,152	50	43.6	31.1-56.1	55	56.4	43.9-68.9
\$25,000- 34,999	195	23,250	102	51.7	42.5-60.9	93	48.3	39.1-57.5
\$35,000- 49,999	278	28,055	161	61.7	54.8-68.6	117	38.3	31.4-45.2
\$50,000- 99,999	777	86,849	510	63.6	59.3-67.9	267	36.4	32.1-40.7
\$100,000 - 199,999	632	69,327	502	77.6	73.5-81.7	130	22.4	18.3-26.5

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 CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 3: ADULTS WHO REPORTED HAVING HAD AT LEAST ONE DRINK OF ALCOHOL IN THE PAST 30 DAYS. (DRNKANY6)**  
**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	2667	267,354	1399	53.5	51.0-56.0	1268	46.5	44.0-49.0
Native	78	10,781	29	38.9	24.4-53.4	49	61.1	46.6-75.6
Non-Native	2558	252,741	1359	54.3	51.8-56.8	1199	45.7	43.2-48.2
18-24	117	36,956	62	51.1	41.3-60.9	55	48.9	39.1-58.7
25-34	235	44,974	149	61.1	54.0-68.2	86	38.9	31.8-46.0
35-44	299	44,795	191	58.5	51.8-65.2	108	41.5	34.8-48.2
45-54	360	35,329	238	65.6	59.9-71.3	122	34.4	28.7-40.1
55-64	456	37,605	238	50.6	45.1-56.1	218	49.4	43.9-54.9
65+	1200	67,695	521	41.9	38.6-45.2	679	58.1	54.8-61.4
Less Than H.S.	71	17,706	23	37.7	23.6-51.8	48	62.3	48.2-76.4
H.S. or G.E.D.	601	61,380	249	44.0	38.5-49.5	352	56.0	50.5-61.5
Some Post-H.S.	833	102,004	410	52.1	47.8-56.4	423	47.9	43.6-52.2
College Graduate	1154	85,763	712	65.3	62.0-68.6	442	34.7	31.4-38.0
Less than \$15,000	77	10,012	24	43.3	26.6-60.0	53	56.7	40.0-73.4
\$15,000- 24,999	181	21,385	51	37.8	28.2-47.4	130	62.2	52.6-71.8
\$25,000- 34,999	242	24,136	96	40.1	31.3-48.9	146	59.9	51.1-68.7
\$35,000- 49,999	319	29,600	137	44.7	37.4-52.0	182	55.3	48.0-62.6
\$50,000- 99,999	718	70,965	424	58.6	53.9-63.3	294	41.4	36.7-46.1
\$100,000 - 199,999	470	49,668	347	71.4	65.9-76.9	123	28.6	23.1-34.1

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 CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 12: ALCOHOL CONSUMPTION**  
**TABLE 4: DRINK-OCCASIONS-PER-DAY (DROCDY4\_)**

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

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		>0, <=0.25			>0.25, <=0.50			>0.50, <=0.75			>0.75, <=1.0			None		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5243	552,794	1836	36.4	34.6-38.2	703	13.1	11.9-14.3	248	4.5	3.7- 5.3	297	4.7	4.1- 5.3	2159	41.2	39.4-43.0
Male	2576	285,440	887	34.8	32.4-37.2	422	16.1	14.3-17.9	158	5.9	4.7- 7.1	218	6.8	5.6- 8.0	891	36.3	33.9-38.7
Female	2667	267,354	949	38.2	35.7-40.7	281	9.9	8.5-11.3	90	3.1	2.3- 3.9	79	2.4	1.8- 3.0	1268	46.5	44.0-49.0
Native	145	21,425	38	25.0	16.4-33.6	9	5.7	0.6-10.8	4	3.8	0.1- 7.5	4	3.0	0.0- 6.3	90	62.7	52.7-72.7
Non-Native	5024	523,353	1776	37.0	35.2-38.8	687	13.4	12.2-14.6	242	4.6	3.8- 5.4	290	4.8	4.2- 5.4	2029	40.2	38.4-42.0
18-24	278	78,939	104	37.4	31.1-43.7	33	10.5	6.8-14.2	7	2.0	0.4- 3.6	9	2.7	0.9- 4.5	125	47.4	40.9-53.9
25-34	531	99,896	241	45.2	40.3-50.1	73	12.4	9.5-15.3	26	4.6	2.8- 6.4	23	3.7	2.1- 5.3	168	34.1	29.4-38.8
35-44	681	93,317	253	35.9	31.8-40.0	130	17.2	14.1-20.3	42	6.0	3.8- 8.2	32	4.2	2.6- 5.8	224	36.8	32.5-41.1
45-54	742	74,231	312	41.0	36.9-45.1	130	17.5	14.4-20.6	42	5.7	3.7- 7.7	28	4.3	2.5- 6.1	230	31.5	27.6-35.4
55-64	870	79,168	303	33.4	29.7-37.1	114	12.5	10.0-15.0	36	4.2	2.6- 5.8	50	5.6	3.8- 7.4	367	44.4	40.5-48.3
65+	2141	127,242	623	28.6	26.2-31.0	223	10.1	8.5-11.7	95	4.5	3.5- 5.5	155	6.8	5.4- 8.2	1045	50.0	47.5-52.5
Less Than H.S.	157	40,091	44	32.4	23.4-41.4	9	4.9	0.6- 9.2	6	3.1	0.4- 5.8	5	2.3	0.1- 4.5	93	57.3	47.7-66.9
H.S. or G.E.D.	1302	143,263	394	31.8	28.5-35.1	136	10.6	8.6-12.6	46	3.3	2.3- 4.3	72	5.0	3.6- 6.4	654	49.2	45.7-52.7
Some Post-H.S.	1630	212,235	543	36.1	33.2-39.0	210	13.4	11.4-15.4	85	5.5	4.1- 6.9	86	4.6	3.4- 5.8	706	40.4	37.5-43.3
College Graduate	2137	155,248	849	42.3	39.8-44.8	347	17.2	15.2-19.2	109	4.6	3.6- 5.6	132	5.2	4.2- 6.2	700	30.8	28.4-33.2
Less than \$15,000	139	16,782	34	36.0	23.8-48.2	8	4.6	1.1- 8.1	2	0.6	0.0- 1.6	4	1.9	0.0- 4.3	91	56.8	44.6-69.0
\$15,000- 24,999	286	33,537	58	24.1	17.0-31.2	18	9.1	4.2-14.0	11	3.1	1.1- 5.1	14	3.6	1.2- 6.0	185	60.1	52.5-67.7
\$25,000- 34,999	437	47,386	123	29.2	23.1-35.3	33	7.3	4.2-10.4	13	3.0	1.0- 5.0	29	6.3	3.6- 9.0	239	54.2	47.7-60.7
\$35,000- 49,999	597	57,655	195	34.0	29.1-38.9	53	9.4	6.1-12.7	19	4.4	2.0- 6.8	31	5.1	2.7- 7.5	299	47.0	41.9-52.1
\$50,000- 99,999	1495	157,814	557	38.5	35.4-41.6	226	14.2	12.0-16.4	69	3.8	2.8- 4.8	82	4.8	3.4- 6.2	561	38.6	35.5-41.7
\$100,000 - 199,999	1102	118,996	483	43.9	40.4-47.4	222	19.4	16.7-22.1	80	6.9	5.1- 8.7	64	4.8	3.4- 6.2	253	25.0	21.7-28.3

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 12: ALCOHOL CONSUMPTION**  
**TABLE 5: DRINK-OCCASIONS-PER-DAY (DROCDY4\_)**

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		>0, <=0.25			>0.25, <=0.50			>0.50, <=0.75			>0.75, <=1.0			None		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2576	285,440	887	34.8	32.4-37.2	422	16.1	14.3-17.9	158	5.9	4.7- 7.1	218	6.8	5.6- 8.0	891	36.3	33.9-38.7
Native	67	10,644	16	21.8	9.8-33.8	4	2.6	0.0- 5.3	4	7.6	0.2-15.0	2	3.8	0.0- 9.9	41	64.2	50.3-78.1
Non-Native	2466	270,612	859	35.5	33.1-37.9	412	16.6	14.8-18.4	152	5.9	4.7- 7.1	213	7.0	5.8- 8.2	830	35.1	32.7-37.5
18-24	161	41,983	54	32.8	24.8-40.8	24	13.7	8.2-19.2	5	2.9	0.4- 5.4	8	4.6	1.5- 7.7	70	46.0	37.2-54.8
25-34	296	54,922	129	43.5	37.0-50.0	48	15.4	10.9-19.9	19	5.9	3.2- 8.6	18	5.0	2.6- 7.4	82	30.2	24.1-36.3
35-44	382	48,522	120	31.4	26.1-36.7	90	22.5	18.0-27.0	29	7.2	4.3-10.1	27	6.5	4.0- 9.0	116	32.4	27.1-37.7
45-54	382	38,902	148	38.0	32.5-43.5	74	19.0	14.5-23.5	32	9.0	5.7-12.3	20	5.1	2.7- 7.5	108	28.9	23.8-34.0
55-64	414	41,563	144	32.0	26.9-37.1	64	14.8	10.7-18.9	16	4.3	1.9- 6.7	41	9.0	5.9-12.1	149	39.9	34.2-45.6
65+	941	59,547	292	30.9	27.4-34.4	122	12.1	9.7-14.5	57	6.2	4.2- 8.2	104	10.0	7.6-12.4	366	40.8	37.1-44.5
Less Than H.S.	86	22,385	25	32.7	20.4-45.0	6	4.8	0.0- 9.7	6	5.5	0.8-10.2	4	3.6	0.0- 7.3	45	53.4	40.5-66.3
H.S. or G.E.D.	701	81,883	221	30.9	26.8-35.0	95	14.0	11.1-16.9	30	3.9	2.3- 5.5	53	7.1	4.9- 9.3	302	44.1	39.6-48.6
Some Post-H.S.	797	110,231	262	35.3	31.4-39.2	133	17.4	14.3-20.5	57	7.4	5.2- 9.6	62	6.4	4.6- 8.2	283	33.6	29.7-37.5
College Graduate	983	69,485	377	39.6	36.1-43.1	187	20.4	17.5-23.3	63	5.9	4.3- 7.5	98	8.3	6.3-10.3	258	25.9	22.8-29.0
Less than \$15,000	62	6,769	15	30.8	13.2-48.4	4	6.8	0.0-13.9	1	0.6	0.0- 1.8	4	4.7	0.0-10.4	38	57.0	40.1-73.9
\$15,000- 24,999	105	12,152	24	19.0	9.8-28.2	11	15.2	4.6-25.8	7	4.1	0.6- 7.6	8	5.3	0.8- 9.8	55	56.4	43.9-68.9
\$25,000- 34,999	195	23,250	50	26.9	18.3-35.5	24	11.1	5.6-16.6	8	3.0	0.5- 5.5	20	10.6	5.3-15.9	93	48.3	39.1-57.5
\$35,000- 49,999	278	28,055	97	35.9	28.8-43.0	24	9.6	5.3-13.9	13	6.8	2.5-11.1	27	9.5	5.0-14.0	117	38.3	31.4-45.2
\$50,000- 99,999	777	86,849	281	38.5	34.2-42.8	126	14.6	11.7-17.5	40	4.2	2.6- 5.8	63	6.4	4.4- 8.4	267	36.4	32.1-40.7
\$100,000 - 199,999	632	69,327	252	39.1	34.6-43.6	139	22.8	18.9-26.7	59	9.2	6.7-11.7	52	6.5	4.5- 8.5	130	22.4	18.3-26.5

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 12: ALCOHOL CONSUMPTION**  
**TABLE 6: DRINK-OCCASIONS-PER-DAY (DROCDY4\_)**

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		>0, <=0.25			>0.25, <=0.50			>0.50, <=0.75			>0.75, <=1.0			None		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2667	267,354	949	38.2	35.7-40.7	281	9.9	8.5-11.3	90	3.1	2.3- 3.9	79	2.4	1.8- 3.0	1268	46.5	44.0-49.0
Native	78	10,781	22	28.1	15.6-40.6	5	8.7	0.0-18.3				2	2.1	0.0- 5.0	49	61.1	46.6-75.6
Non-Native	2558	252,741	917	38.6	36.1-41.1	275	10.1	8.7-11.5	90	3.2	2.4- 4.0	77	2.5	1.7- 3.3	1199	45.7	43.2-48.2
18-24	117	36,956	50	42.7	33.1-52.3	9	6.8	1.9-11.7	2	1.0	0.0- 2.4	1	0.5	0.0- 1.5	55	48.9	39.1-58.7
25-34	235	44,974	112	47.2	39.9-54.5	25	8.8	5.3-12.3	7	3.1	0.7- 5.5	5	2.0	0.0- 4.0	86	38.9	31.8-46.0
35-44	299	44,795	133	40.7	34.4-47.0	40	11.4	7.5-15.3	13	4.8	1.7- 7.9	5	1.7	0.1- 3.3	108	41.5	34.8-48.2
45-54	360	35,329	164	44.3	38.4-50.2	56	15.8	11.5-20.1	10	2.1	0.7- 3.5	8	3.4	0.9- 5.9	122	34.4	28.7-40.1
55-64	456	37,605	159	34.8	29.5-40.1	50	9.9	7.0-12.8	20	4.1	2.1- 6.1	9	1.8	0.6- 3.0	218	49.4	43.9-54.9
65+	1200	67,695	331	26.6	23.7-29.5	101	8.3	6.5-10.1	38	3.0	2.0- 4.0	51	4.1	2.7- 5.5	679	58.1	54.8-61.4
Less Than H.S.	71	17,706	19	31.9	18.6-45.2	3	5.1	0.0-12.7				1	0.6	0.0- 2.0	48	62.3	48.2-76.4
H.S. or G.E.D.	601	61,380	173	33.0	27.7-38.3	41	6.2	3.8- 8.6	16	2.6	1.2- 4.0	19	2.2	0.8- 3.6	352	56.0	50.5-61.5
Some Post-H.S.	833	102,004	281	36.9	32.6-41.2	77	9.1	6.7-11.5	28	3.5	1.7- 5.3	24	2.6	1.4- 3.8	423	47.9	43.6-52.2
College Graduate	1154	85,763	472	44.5	41.0-48.0	160	14.6	12.2-17.0	46	3.5	2.3- 4.7	34	2.6	1.4- 3.8	442	34.7	31.4-38.0
Less than \$15,000	77	10,012	19	39.6	22.9-56.3	4	3.1	0.0- 6.6	1	0.7	0.0- 2.1				53	56.7	40.0-73.4
\$15,000- 24,999	181	21,385	34	27.1	17.7-36.5	7	5.7	1.0-10.4	4	2.5	0.0- 5.0	6	2.6	0.0- 5.3	130	62.2	52.6-71.8
\$25,000- 34,999	242	24,136	73	31.4	23.0-39.8	9	3.7	1.0- 6.4	5	3.0	0.0- 6.1	9	2.1	0.5- 3.7	146	59.9	51.1-68.7
\$35,000- 49,999	319	29,600	98	32.3	25.4-39.2	29	9.3	4.2-14.4	6	2.2	0.0- 4.6	4	0.9	0.0- 1.9	182	55.3	48.0-62.6
\$50,000- 99,999	718	70,965	276	38.4	33.7-43.1	100	13.8	10.7-16.9	29	3.4	2.0- 4.8	19	2.9	1.3- 4.5	294	41.4	36.7-46.1
\$100,000 - 199,999	470	49,668	231	50.5	44.8-56.2	83	14.7	11.2-18.2	21	3.7	1.9- 5.5	12	2.4	0.8- 4.0	123	28.6	23.1-34.1

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 7: BINGE DRINKERS (MALES HAVING FIVE OR MORE DRINKS ON ONE OCCASION, FEMALES HAVING FOUR OR MORE DRINKS ON ONE OCCASION) (\_RFBING6)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5203	548,539	4308	78.8	77.2-80.4	895	21.2	19.6-22.8
Male	2555	283,084	1952	73.6	71.4-75.8	603	26.4	24.2-28.6
Female	2648	265,456	2356	84.3	82.1-86.5	292	15.7	13.5-17.9
Native	143	20,897	122	87.2	80.9-93.5	21	12.8	6.5-19.1
Non-Native	4988	519,789	4119	78.3	76.7-79.9	869	21.7	20.1-23.3
18-24	278	78,939	190	69.6	63.7-75.5	88	30.4	24.5-36.3
25-34	528	99,348	358	69.9	65.6-74.2	170	30.1	25.8-34.4
35-44	675	92,447	473	71.6	67.9-75.3	202	28.4	24.7-32.1
45-54	736	73,437	561	76.8	73.3-80.3	175	23.2	19.7-26.7
55-64	866	78,418	738	85.3	82.6-88.0	128	14.7	12.0-17.4
65+	2120	125,951	1988	93.9	92.7-95.1	132	6.1	4.9- 7.3
Less Than H.S.	155	39,847	135	85.5	78.8-92.2	20	14.5	7.8-21.2
H.S. or G.E.D.	1290	142,024	1093	81.4	78.7-84.1	197	18.6	15.9-21.3
Some Post-H.S.	1618	210,378	1301	75.5	72.8-78.2	317	24.5	21.8-27.2
College Graduate	2125	154,402	1767	79.1	76.9-81.3	358	20.9	18.7-23.1
Less than \$15,000	139	16,782	120	78.9	68.1-89.7	19	21.1	10.3-31.9
\$15,000- 24,999	280	32,857	256	85.2	78.9-91.5	24	14.8	8.5-21.1
\$25,000- 34,999	432	46,498	381	84.9	80.2-89.6	51	15.1	10.4-19.8
\$35,000- 49,999	587	56,848	509	80.7	75.8-85.6	78	19.3	14.4-24.2
\$50,000- 99,999	1491	157,237	1229	79.1	76.4-81.8	262	20.9	18.2-23.6
\$100,000 - 199,999	1097	118,571	803	70.0	66.7-73.3	294	30.0	26.7-33.3

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 8: BINGE DRINKERS (MALES HAVING FIVE OR MORE DRINKS ON ONE OCCASION, FEMALES HAVING FOUR OR MORE DRINKS ON ONE OCCASION) (\_RFBING6)**  
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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2555	283,084	1952	73.6	71.4-75.8	603	26.4	24.2-28.6
Native	66	10,251	54	86.7	78.5-94.9	12	13.3	5.1-21.5
Non-Native	2448	268,811	1860	72.8	70.6-75.0	588	27.2	25.0-29.4
18-24	161	41,983	108	68.4	60.6-76.2	53	31.6	23.8-39.4
25-34	295	54,718	179	64.7	58.8-70.6	116	35.3	29.4-41.2
35-44	378	47,889	245	64.8	59.5-70.1	133	35.2	29.9-40.5
45-54	379	38,516	262	70.0	64.7-75.3	117	30.0	24.7-35.3
55-64	411	41,074	331	81.1	76.8-85.4	80	18.9	14.6-23.2
65+	931	58,903	827	90.0	87.8-92.2	104	10.0	7.8-12.2
Less Than H.S.	84	22,141	69	82.7	73.5-91.9	15	17.3	8.1-26.5
H.S. or G.E.D.	696	81,520	549	77.9	74.2-81.6	147	22.1	18.4-25.8
Some Post-H.S.	791	108,944	575	68.5	64.6-72.4	216	31.5	27.6-35.4
College Graduate	976	69,082	753	73.6	70.3-76.9	223	26.4	23.1-29.7
Less than \$15,000	62	6,769	50	72.7	55.6-89.8	12	27.3	10.2-44.4
\$15,000- 24,999	102	11,706	92	84.4	73.4-95.4	10	15.6	4.6-26.6
\$25,000- 34,999	192	22,644	158	81.0	74.1-87.9	34	19.0	12.1-25.9
\$35,000- 49,999	271	27,337	220	74.1	66.8-81.4	51	25.9	18.6-33.2
\$50,000- 99,999	776	86,726	604	75.8	72.1-79.5	172	24.2	20.5-27.9
\$100,000 - 199,999	629	69,140	422	64.2	59.7-68.7	207	35.8	31.3-40.3

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 9: BINGE DRINKERS (MALES HAVING FIVE OR MORE DRINKS ON ONE OCCASION, FEMALES HAVING FOUR OR MORE DRINKS ON ONE OCCASION) (\_RFBING6)**  
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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2648	265,456	2356	84.3	82.1-86.5	292	15.7	13.5-17.9
Native	77	10,646	68	87.7	78.1-97.3	9	12.3	2.7-21.9
Non-Native	2540	250,978	2259	84.1	81.9-86.3	281	15.9	13.7-18.1
18-24	117	36,956	82	71.1	62.1-80.1	35	28.9	19.9-37.9
25-34	233	44,630	179	76.2	69.9-82.5	54	23.8	17.5-30.1
35-44	297	44,557	228	79.1	73.8-84.4	69	20.9	15.6-26.2
45-54	357	34,921	299	84.2	79.9-88.5	58	15.8	11.5-20.1
55-64	455	37,343	407	90.0	87.1-92.9	48	10.0	7.1-12.9
65+	1189	67,047	1161	97.4	96.2-98.6	28	2.6	1.4- 3.8
Less Than H.S.	71	17,706	66	89.0	79.0-99.0	5	11.0	1.0-21.0
H.S. or G.E.D.	594	60,504	544	86.1	81.6-90.6	50	13.9	9.4-18.4
Some Post-H.S.	827	101,435	726	83.0	79.3-86.7	101	17.0	13.3-20.7
College Graduate	1149	85,320	1014	83.6	80.9-86.3	135	16.4	13.7-19.1
Less than \$15,000	77	10,012	70	83.1	69.8-96.4	7	16.9	3.6-30.2
\$15,000- 24,999	178	21,151	164	85.6	78.2-93.0	14	14.4	7.0-21.8
\$25,000- 34,999	240	23,854	223	88.5	82.2-94.8	17	11.5	5.2-17.8
\$35,000- 49,999	316	29,511	289	86.9	80.6-93.2	27	13.1	6.8-19.4
\$50,000- 99,999	715	70,510	625	83.2	79.3-87.1	90	16.8	12.9-20.7
\$100,000 - 199,999	468	49,431	381	78.1	73.4-82.8	87	21.9	17.2-26.6

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 10: CALCULATED TOTAL NUMBER OF ALCOHOLIC BEVERAGES CONSUMED PER WEEK (\_DRNKWK2)**  
**Denominator excludes: Respondents with do not know/refused/missing responses**

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Data was weighted using _LLCPWT.																	
	TOTAL	WEIGHTED	N	>0, <=1		N	>1, <=2		N	>2, <=5		N	>5, <=10		N	>10		None		
				%	C.I. (95%)		%	C.I. (95%)		%	C.I. (95%)		%	C.I. (95%)		%	C.I. (95%)		%	C.I. (95%)
TOTAL	5213	549,316	1068	18.9	17.5-20.3	454	9.1	8.1-10.1	679	14.0	12.8-15.2	455	8.7	7.7- 9.7	397	7.8	6.8- 8.8	2160	41.5	39.7-43.3
Male	2562	284,023	453	16.0	14.2-17.8	217	8.5	7.1- 9.9	370	15.2	13.4-17.0	302	11.2	9.8-12.6	329	12.5	10.9-14.1	891	36.5	34.1-38.9
Female	2651	265,293	615	22.0	20.0-24.0	237	9.7	8.1-11.3	309	12.8	11.0-14.6	153	6.0	4.6- 7.4	68	2.7	1.9- 3.5	1269	46.8	44.3-49.3
Native	143	21,142	16	9.0	3.7-14.3	8	7.1	1.4-12.8	11	9.1	2.6-15.6	9	3.6	1.1- 6.1	9	7.6	1.9-13.3	90	63.5	53.3-73.7
Non-Native	4996	520,158	1034	19.3	17.9-20.7	442	9.1	8.1-10.1	661	14.3	12.9-15.7	445	9.0	8.0-10.0	384	7.8	6.8- 8.8	2030	40.4	38.6-42.2
18-24	277	78,626	33	11.5	7.6-15.4	30	10.7	6.8-14.6	40	14.5	10.0-19.0	25	8.6	5.1-12.1	24	7.1	4.2-10.0	125	47.5	41.0-54.0
25-34	527	99,061	108	20.0	16.1-23.9	53	10.2	7.3-13.1	97	18.3	14.6-22.0	51	8.9	6.4-11.4	50	8.3	5.9-10.7	168	34.4	29.7-39.1
35-44	678	92,957	122	17.5	14.4-20.6	72	10.2	7.7-12.7	101	13.9	11.0-16.8	84	11.6	8.9-14.3	75	9.8	7.4-12.2	224	36.9	32.6-41.2
45-54	738	73,700	167	23.3	19.8-26.8	75	9.1	6.9-11.3	117	14.9	12.0-17.8	85	11.7	9.0-14.4	64	9.2	6.7-11.7	230	31.7	27.8-35.6
55-64	865	78,445	184	20.0	16.9-23.1	73	7.8	5.8- 9.8	112	13.2	10.5-15.9	67	6.9	5.1- 8.7	62	7.3	5.3- 9.3	367	44.8	40.9-48.7
65+	2128	126,527	454	20.5	18.5-22.5	151	7.0	5.6- 8.4	212	10.6	9.0-12.2	143	5.9	4.7- 7.1	122	5.7	4.5- 6.9	1046	50.3	47.8-52.8
Less Than H.S.	156	39,725	23	15.4	8.3-22.5	8	6.0	1.5-10.5	16	11.8	5.5-18.1	7	4.1	0.0- 8.2	9	4.8	1.5- 8.1	93	57.9	48.3-67.5
H.S. or G.E.D.	1296	142,681	230	16.5	14.0-19.0	87	7.3	5.3- 9.3	140	12.4	10.0-14.8	92	6.8	5.2- 8.4	93	7.6	5.8- 9.4	654	49.4	45.9-52.9
Some Post-H.S.	1617	210,396	304	17.3	15.1-19.5	125	8.9	7.1-10.7	205	14.5	12.3-16.7	139	9.5	7.7-11.3	138	8.9	7.3-10.5	706	40.8	37.9-43.7
College Graduate	2127	154,556	506	24.1	21.9-26.3	234	11.9	10.3-13.5	317	15.6	13.8-17.4	215	10.6	9.0-12.2	154	7.0	5.8- 8.2	701	31.0	28.6-33.4
Less than \$15,000	137	16,582	17	11.7	4.4-19.0	8	10.1	2.1-18.1	10	14.6	4.2-25.0	3	1.7	0.0- 3.9	8	4.3	0.8- 7.8	91	57.5	45.3-69.7
\$15,000- 24,999	283	33,157	36	14.7	8.6-20.8	13	4.7	1.6- 7.8	18	7.6	3.5-11.7	13	5.9	1.6-10.2	18	6.5	3.0-10.0	185	60.8	53.2-68.4
\$25,000- 34,999	435	46,759	75	15.4	10.7-20.1	26	5.9	3.0- 8.8	32	7.9	4.4-11.4	32	8.6	4.9-12.3	31	7.3	4.2-10.4	239	54.9	48.4-61.4
\$35,000- 49,999	593	57,186	131	20.0	16.1-23.9	28	5.2	3.0- 7.4	59	11.6	7.9-15.3	37	7.2	4.1-10.3	39	8.6	5.5-11.7	299	47.4	42.3-52.5
\$50,000- 99,999	1492	157,407	324	19.8	17.3-22.3	153	10.1	8.1-12.1	205	15.0	12.6-17.4	129	8.2	6.6- 9.8	120	8.2	6.4-10.0	561	38.7	35.6-41.8
\$100,000 - 199,999	1097	118,490	257	22.6	19.7-25.5	113	10.3	8.1-12.5	225	19.2	16.5-21.9	139	12.5	10.1-14.9	110	10.2	8.0-12.4	253	25.1	21.8-28.4

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 11: CALCULATED TOTAL NUMBER OF ALCOHOLIC BEVERAGES CONSUMED PER WEEK (\_DRNKWK2)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Data was weighted using _LLCPWT.																	
	TOTAL	WEIGHTED	N	>0, <=1		N	>1, <=2		N	>2, <=5		N	>5, <=10		N	>10		N	None	
				%	C.I. (95%)		%	C.I. (95%)		%	C.I. (95%)		%	C.I. (95%)		%	C.I. (95%)		%	C.I. (95%)
Male	2562	284,023	453	16.0	14.2-17.8	217	8.5	7.1- 9.9	370	15.2	13.4-17.0	302	11.2	9.8-12.6	329	12.5	10.9-14.1	891	36.5	34.1-38.9
Native	67	10,644	4	6.1	0.0-13.2	3	2.5	0.0- 5.4	7	12.1	1.7-22.5	4	3.3	0.0- 6.6	8	11.7	2.7-20.7	41	64.2	50.3-78.1
Non-Native	2452	269,196	440	16.4	14.6-18.2	211	8.7	7.3-10.1	357	15.4	13.6-17.2	297	11.7	10.1-13.3	317	12.6	11.0-14.2	830	35.2	32.8-37.6
18-24	160	41,670	15	8.9	4.2-13.6	18	11.2	5.9-16.5	20	12.3	6.6-18.0	17	9.6	4.9-14.3	20	11.7	6.6-16.8	70	46.3	37.5-55.1
25-34	294	54,558	50	17.3	12.0-22.6	25	8.5	5.0-12.0	58	19.8	14.7-24.9	38	11.6	7.7-15.5	41	12.4	8.5-16.3	82	30.4	24.3-36.5
35-44	381	48,443	50	13.1	9.4-16.8	31	7.2	4.5- 9.9	65	17.3	12.8-21.8	56	14.5	10.6-18.4	63	15.3	11.4-19.2	116	32.5	27.2-37.8
45-54	381	38,700	67	19.1	14.4-23.8	31	7.9	5.0-10.8	62	14.2	10.5-17.9	57	14.3	10.4-18.2	56	15.5	11.2-19.8	108	29.0	23.7-34.3
55-64	413	41,500	76	16.5	12.6-20.4	35	8.0	5.1-10.9	58	14.4	10.3-18.5	44	9.6	6.5-12.7	51	11.6	8.1-15.1	149	40.0	34.3-45.7
65+	933	59,152	195	19.9	17.0-22.8	77	8.6	6.4-10.8	107	12.5	9.8-15.2	90	8.5	6.5-10.5	98	9.5	7.1-11.9	366	41.1	37.4-44.8
Less Than H.S.	86	22,385	11	14.2	4.4-24.0	5	6.9	0.6-13.2	11	13.3	4.7-21.9	5	3.7	0.0- 7.8	9	8.6	2.5-14.7	45	53.4	40.5-66.3
H.S. or G.E.D.	696	81,562	117	14.9	12.0-17.8	50	7.4	5.0- 9.8	89	13.8	10.7-16.9	61	8.6	6.2-11.0	77	11.1	8.4-13.8	302	44.3	39.8-48.8
Some Post-H.S.	792	109,288	125	14.7	11.8-17.6	62	8.4	6.0-10.8	113	16.1	13.0-19.2	92	12.1	9.4-14.8	117	14.9	12.0-17.8	283	33.9	30.0-37.8
College Graduate	979	69,331	198	19.9	17.0-22.8	100	10.8	8.4-13.2	157	16.5	13.8-19.2	143	15.3	12.6-18.0	123	11.5	9.1-13.9	258	26.0	22.9-29.1
Less than \$15,000	61	6,717	6	5.8	0.0-11.9	4	7.0	0.0-14.3	4	17.4	0.0-35.4	2	2.6	0.0- 6.7	7	9.6	1.4-17.8	38	57.5	40.4-74.6
\$15,000- 24,999	103	11,900	13	11.1	3.7-18.5	8	6.1	0.8-11.4	6	2.8	0.1- 5.5	10	11.7	1.9-21.5	11	10.7	3.6-17.8	55	57.6	44.9-70.3
\$25,000- 34,999	195	23,250	28	14.3	7.2-21.4	12	5.3	1.4- 9.2	22	12.0	5.7-18.3	17	7.4	3.3-11.5	23	12.6	6.9-18.3	93	48.3	39.1-57.5
\$35,000- 49,999	276	27,797	62	19.6	14.3-24.9	10	4.0	1.3- 6.7	32	14.1	8.2-20.0	23	8.3	4.6-12.0	32	15.4	9.3-21.5	117	38.6	31.7-45.5
\$50,000- 99,999	775	86,515	147	18.4	14.9-21.9	69	8.9	6.4-11.4	105	14.5	11.4-17.6	88	9.8	7.4-12.2	99	11.8	9.1-14.5	267	36.5	32.0-41.0
\$100,000 - 199,999	630	69,171	112	17.1	13.6-20.6	57	9.1	6.4-11.8	132	19.4	15.9-22.9	101	16.4	12.9-19.9	98	15.6	12.3-18.9	130	22.4	18.3-26.5

NOTE:

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

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NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 12: CALCULATED TOTAL NUMBER OF ALCOHOLIC BEVERAGES CONSUMED PER WEEK (\_DRNKWK2)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Data was weighted using _LLCPWT.																	
			>0, <=1			>1, <=2			>2, <=5			>5, <=10			>10			None		
	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	2651	265,293	615	22.0	20.0-24.0	237	9.7	8.1-11.3	309	12.8	11.0-14.6	153	6.0	4.6- 7.4	68	2.7	1.9- 3.5	1269	46.8	44.3-49.3
Native	76	10,498	12	11.9	4.1-19.7	5	11.8	1.0-22.6	4	6.1	0.0-13.4	5	3.9	0.4- 7.4	1	3.6	0.0-10.5	49	62.8	48.1-77.5
Non-Native	2544	250,962	594	22.3	20.1-24.5	231	9.6	8.0-11.2	304	13.2	11.4-15.0	148	6.2	4.8- 7.6	67	2.7	1.9- 3.5	1200	46.0	43.5-48.5
18-24	117	36,956	18	14.4	7.9-20.9	12	10.3	4.2-16.4	20	17.0	9.7-24.3	8	7.4	1.9-12.9	4	2.0	0.0- 4.0	55	48.9	39.1-58.7
25-34	233	44,503	58	23.2	17.1-29.3	28	12.2	7.5-16.9	39	16.3	11.0-21.6	13	5.6	2.3- 8.9	9	3.2	1.0- 5.4	86	39.3	32.0-46.6
35-44	297	44,514	72	22.3	17.0-27.6	41	13.5	9.0-18.0	36	10.1	6.6-13.6	28	8.6	4.9-12.3	12	3.7	1.3- 6.1	108	41.7	35.0-48.4
45-54	357	35,000	100	28.0	22.7-33.3	44	10.5	7.2-13.8	55	15.7	11.2-20.2	28	8.8	5.3-12.3	8	2.3	0.5- 4.1	122	34.8	29.1-40.5
55-64	452	36,945	108	23.9	19.2-28.6	38	7.7	5.0-10.4	54	11.8	8.3-15.3	23	3.9	2.1- 5.7	11	2.5	0.9- 4.1	218	50.2	44.7-55.7
65+	1195	67,374	259	21.1	18.4-23.8	74	5.7	4.1- 7.3	105	8.9	6.9-10.9	53	3.6	2.4- 4.8	24	2.3	1.3- 3.3	680	58.5	55.2-61.8
Less Than H.S.	70	17,340	12	17.1	6.7-27.5	3	4.8	0.0-10.9	5	9.8	0.6-19.0	2	4.7	0.0-12.3				48	63.6	49.5-77.7
H.S. or G.E.D.	600	61,119	113	18.7	14.6-22.8	37	7.2	4.1-10.3	51	10.7	7.2-14.2	31	4.3	2.3- 6.3	16	2.9	1.3- 4.5	352	56.2	50.7-61.7
Some Post-H.S.	825	101,108	179	20.2	16.9-23.5	63	9.4	6.7-12.1	92	12.9	9.8-16.0	47	6.7	4.3- 9.1	21	2.5	1.1- 3.9	423	48.3	44.0-52.6
College Graduate	1148	85,224	308	27.5	24.4-30.6	134	12.7	10.3-15.1	160	14.8	12.3-17.3	72	6.8	5.0- 8.6	31	3.2	1.8- 4.6	443	35.0	31.7-38.3
Less than \$15,000	76	9,865	11	15.8	4.2-27.4	4	12.3	0.0-24.6	6	12.6	0.6-24.6	1	1.2	0.0- 3.6	1	0.7	0.0- 2.1	53	57.5	40.6-74.4
\$15,000- 24,999	180	21,257	23	16.7	8.5-24.9	5	3.9	0.2- 7.6	12	10.2	3.9-16.5	3	2.6	0.0- 6.1	7	4.1	0.6- 7.6	130	62.5	52.7-72.3
\$25,000- 34,999	240	23,509	47	16.5	10.2-22.8	14	6.4	2.3-10.5	10	3.7	1.0- 6.4	15	9.8	3.5-16.1	8	2.2	0.4- 4.0	146	61.5	52.7-70.3
\$35,000- 49,999	317	29,389	69	20.4	14.7-26.1	18	6.4	3.1- 9.7	27	9.1	5.0-13.2	14	6.2	1.1-11.3	7	2.2	0.6- 3.8	182	55.7	48.4-63.0
\$50,000- 99,999	717	70,892	177	21.6	18.1-25.1	84	11.5	8.4-14.6	100	15.5	11.8-19.2	41	6.2	3.8- 8.6	21	3.8	1.8- 5.8	294	41.5	36.8-46.2
\$100,000 - 199,999	467	49,318	145	30.4	25.3-35.5	56	12.0	8.3-15.7	93	19.0	14.9-23.1	38	7.2	4.7- 9.7	12	2.6	1.0- 4.2	123	28.8	23.3-34.3

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 CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 13: HEAVY DRINKERS (ADULT MEN HAVING MORE THAN 14 DRINKS PER WEEK AND ADULT WOMEN HAVING MORE THAN 7 DRINKS PER WEEK) (\_RFDRHV8)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using _LLCPWT.								
DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5213	549,316	4910	93.7	92.9-94.5	303	6.3	5.5- 7.1
Male	2562	284,023	2378	92.6	91.4-93.8	184	7.4	6.2- 8.6
Female	2651	265,293	2532	94.9	93.7-96.1	119	5.1	3.9- 6.3
Native	143	21,142	135	93.0	87.5-98.5	8	7.0	1.5-12.5
Non-Native	4996	520,158	4704	93.7	92.9-94.5	292	6.3	5.5- 7.1
18-24	277	78,626	256	93.1	90.0-96.2	21	6.9	3.8-10.0
25-34	527	99,061	484	92.7	90.5-94.9	43	7.3	5.1- 9.5
35-44	678	92,957	620	91.9	89.5-94.3	58	8.1	5.7-10.5
45-54	738	73,700	685	92.6	90.4-94.8	53	7.4	5.2- 9.6
55-64	865	78,445	817	94.3	92.5-96.1	48	5.7	3.9- 7.5
65+	2128	126,527	2048	96.4	95.4-97.4	80	3.6	2.6- 4.6
Less Than H.S.	156	39,725	150	95.7	91.6-99.8	6	4.3	0.2- 8.4
H.S. or G.E.D.	1296	142,681	1216	93.3	91.7-94.9	80	6.7	5.1- 8.3
Some Post-H.S.	1617	210,396	1507	92.6	91.0-94.2	110	7.4	5.8- 9.0
College Graduate	2127	154,556	2023	95.2	94.2-96.2	104	4.8	3.8- 5.8
Less than \$15,000	137	16,582	130	95.9	92.4-99.4	7	4.1	0.6- 7.6
\$15,000- 24,999	283	33,157	266	93.8	90.5-97.1	17	6.2	2.9- 9.5
\$25,000- 34,999	435	46,759	406	93.0	90.1-95.9	29	7.0	4.1- 9.9
\$35,000- 49,999	593	57,186	559	91.7	88.0-95.4	34	8.3	4.6-12.0
\$50,000- 99,999	1492	157,407	1411	94.0	92.4-95.6	81	6.0	4.4- 7.6
\$100,000 - 199,999	1097	118,490	1016	92.8	91.0-94.6	81	7.2	5.4- 9.0

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 CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 14: HEAVY DRINKERS (ADULT MEN HAVING MORE THAN 14 DRINKS PER WEEK AND ADULT WOMEN HAVING MORE THAN 7 DRINKS PER WEEK) (\_RFDRHV8)**  
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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2562	284,023	2378	92.6	91.4-93.8	184	7.4	6.2- 8.6
Native	67	10,644	61	90.2	81.6-98.8	6	9.8	1.2-18.4
Non-Native	2452	269,196	2277	92.7	91.5-93.9	175	7.3	6.1- 8.5
18-24	160	41,670	146	91.3	86.8-95.8	14	8.7	4.2-13.2
25-34	294	54,558	266	91.7	88.6-94.8	28	8.3	5.2-11.4
35-44	381	48,443	346	91.9	89.2-94.6	35	8.1	5.4-10.8
45-54	381	38,700	346	90.8	87.7-93.9	35	9.2	6.1-12.3
55-64	413	41,500	384	92.8	89.9-95.7	29	7.2	4.3-10.1
65+	933	59,152	890	95.9	94.3-97.5	43	4.1	2.5- 5.7
Less Than H.S.	86	22,385	81	95.5	91.2-99.8	5	4.5	0.2- 8.8
H.S. or G.E.D.	696	81,562	641	91.8	89.4-94.2	55	8.2	5.8-10.6
Some Post-H.S.	792	109,288	722	90.9	88.5-93.3	70	9.1	6.7-11.5
College Graduate	979	69,331	928	95.5	94.1-96.9	51	4.5	3.1- 5.9
Less than \$15,000	61	6,717	55	90.9	82.9-98.9	6	9.1	1.1-17.1
\$15,000- 24,999	103	11,900	94	91.0	84.3-97.7	9	9.0	2.3-15.7
\$25,000- 34,999	195	23,250	181	92.7	88.4-97.0	14	7.3	3.0-11.6
\$35,000- 49,999	276	27,797	254	89.3	84.0-94.6	22	10.7	5.4-16.0
\$50,000- 99,999	775	86,515	727	93.6	91.4-95.8	48	6.4	4.2- 8.6
\$100,000 - 199,999	630	69,171	575	91.8	89.4-94.2	55	8.2	5.8-10.6

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 12: ALCOHOL CONSUMPTION**

**TABLE 15: HEAVY DRINKERS (ADULT MEN HAVING MORE THAN 14 DRINKS PER WEEK AND ADULT WOMEN HAVING MORE THAN 7 DRINKS PER WEEK) (\_RFDRHV8)**  
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		No			Yes		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2651	265,293	2532	94.9	93.7-96.1	119	5.1	3.9- 6.3
Native	76	10,498	74	95.8	88.9- 100	2	4.2	0.0-11.1
Non-Native	2544	250,962	2427	94.8	93.6-96.0	117	5.2	4.0- 6.4
18-24	117	36,956	110	95.1	90.8-99.4	7	4.9	0.6- 9.2
25-34	233	44,503	218	94.0	90.9-97.1	15	6.0	2.9- 9.1
35-44	297	44,514	274	91.9	88.0-95.8	23	8.1	4.2-12.0
45-54	357	35,000	339	94.5	91.6-97.4	18	5.5	2.6- 8.4
55-64	452	36,945	433	96.0	94.0-98.0	19	4.0	2.0- 6.0
65+	1195	67,374	1158	96.9	95.7-98.1	37	3.1	1.9- 4.3
Less Than H.S.	70	17,340	69	96.0	88.4- 100	1	4.0	0.0-11.6
H.S. or G.E.D.	600	61,119	575	95.4	93.4-97.4	25	4.6	2.6- 6.6
Some Post-H.S.	825	101,108	785	94.3	92.1-96.5	40	5.7	3.5- 7.9
College Graduate	1148	85,224	1095	94.9	93.3-96.5	53	5.1	3.5- 6.7
Less than \$15,000	76	9,865	75	99.3	97.9- 100	1	0.7	0.0- 2.1
\$15,000- 24,999	180	21,257	172	95.3	91.6-99.0	8	4.7	1.0- 8.4
\$25,000- 34,999	240	23,509	225	93.3	89.2-97.4	15	6.7	2.6-10.8
\$35,000- 49,999	317	29,389	305	94.0	88.9-99.1	12	6.0	0.9-11.1
\$50,000- 99,999	717	70,892	684	94.4	92.2-96.6	33	5.6	3.4- 7.8
\$100,000 - 199,999	467	49,318	441	94.2	91.8-96.6	26	5.8	3.4- 8.2

NOTE:

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BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 13: IMMUNIZATION 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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TABLE	PAGE
ADULTS AGED 65+ WHO HAVE HAD A FLU SHOT WITHIN THE PAST YEAR (_FLSHOT7)	
1 MALES AND FEMALES	162
2 MALES ONLY	163
3 FEMALES ONLY	164
ADULTS AGED 65+ WHO HAVE EVER HAD A PNEUMONIA VACCINATION (_PNEUMO3)	
4 MALES AND FEMALES	165
5 MALES ONLY	166
6 FEMALES ONLY	167

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 13: IMMUNIZATION**

**TABLE 1: ADULTS AGED 65+ WHO HAVE HAD A FLU SHOT WITHIN THE PAST YEAR (\_FLSHOT7)**

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

Denominator excludes: Respondents aged 64 or younger

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	2099	125,722	1228	57.5	55.0-60.0	871	42.5	40.0-45.0
Male	930	59,023	527	55.1	51.2-59.0	403	44.9	41.0-48.8
Female	1169	66,699	701	59.6	56.3-62.9	468	40.4	37.1-43.7
Non-Native	2040	121,702	1196	57.4	54.9-59.9	844	42.6	40.1-45.1
65+	2099	125,722	1228	57.5	55.0-60.0	871	42.5	40.0-45.0
Less Than H.S.	67	8,771	36	56.1	42.6-69.6	31	43.9	30.4-57.4
H.S. or G.E.D.	562	32,888	295	51.1	46.2-56.0	267	48.9	44.0-53.8
Some Post-H.S.	672	50,357	386	58.2	53.9-62.5	286	41.8	37.5-46.1
College Graduate	794	33,549	510	63.1	59.2-67.0	284	36.9	33.0-40.8
\$15,000- 24,999	139	9,284	69	49.2	38.6-59.8	70	50.8	40.2-61.4
\$25,000- 34,999	235	13,460	133	54.0	46.0-62.0	102	46.0	38.0-54.0
\$35,000- 49,999	338	20,768	196	55.3	49.0-61.6	142	44.7	38.4-51.0
\$50,000- 99,999	564	33,603	351	60.6	55.9-65.3	213	39.4	34.7-44.1
\$100,000 - 199,999	238	14,523	164	66.2	58.9-73.5	74	33.8	26.5-41.1

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 13: IMMUNIZATION**

**TABLE 2: ADULTS AGED 65+ WHO HAVE HAD A FLU SHOT WITHIN THE PAST YEAR (\_FLSHOT7)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses  
Denominator excludes: Respondents aged 64 or younger

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	930	59,023	527	55.1	51.2-59.0	403	44.9	41.0-48.8
Non-Native	903	57,121	511	54.7	50.8-58.6	392	45.3	41.4-49.2
65+	930	59,023	527	55.1	51.2-59.0	403	44.9	41.0-48.8
H.S. or G.E.D.	251	15,888	122	47.6	40.5-54.7	129	52.4	45.3-59.5
Some Post-H.S.	282	22,931	160	56.0	49.3-62.7	122	44.0	37.3-50.7
College Graduate	360	15,353	226	61.3	55.4-67.2	134	38.7	32.8-44.6
\$25,000- 34,999	93	6,204	53	57.0	44.5-69.5	40	43.0	30.5-55.5
\$35,000- 49,999	161	10,434	87	49.0	40.0-58.0	74	51.0	42.0-60.0
\$50,000- 99,999	288	18,602	169	56.7	50.0-63.4	119	43.3	36.6-50.0
\$100,000 - 199,999	140	8,523	95	63.5	53.9-73.1	45	36.5	26.9-46.1

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 13: IMMUNIZATION**

**TABLE 3: ADULTS AGED 65+ WHO HAVE HAD A FLU SHOT WITHIN THE PAST YEAR (\_FLSHOT7)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses  
Denominator excludes: Respondents aged 64 or younger

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	1169	66,699	701	59.6	56.3-62.9	468	40.4	37.1-43.7
Non-Native	1137	64,580	685	59.9	56.4-63.4	452	40.1	36.6-43.6
65+	1169	66,699	701	59.6	56.3-62.9	468	40.4	37.1-43.7
H.S. or G.E.D.	311	17,000	173	54.5	48.0-61.0	138	45.5	39.0-52.0
Some Post-H.S.	390	27,425	226	60.0	54.3-65.7	164	40.0	34.3-45.7
College Graduate	434	18,196	284	64.6	59.3-69.9	150	35.4	30.1-40.7
\$15,000- 24,999	92	6,106	46	44.2	31.5-56.9	46	55.8	43.1-68.5
\$25,000- 34,999	142	7,255	80	51.4	41.2-61.6	62	48.6	38.4-58.8
\$35,000- 49,999	177	10,333	109	61.6	53.2-70.0	68	38.4	30.0-46.8
\$50,000- 99,999	276	15,001	182	65.4	58.7-72.1	94	34.6	27.9-41.3
\$100,000 - 199,999	98	6,000	69	70.1	59.3-80.9	29	29.9	19.1-40.7

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 CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 13: IMMUNIZATION**

**TABLE 4: ADULTS AGED 65+ WHO HAVE EVER HAD A PNEUMONIA VACCINATION (\_PNEUMO3)**

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

Denominator excludes: Respondents aged 64 or younger

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	2048	122,422	1517	73.2	70.8-75.6	531	26.8	24.4-29.2
Male	897	56,734	601	66.5	62.8-70.2	296	33.5	29.8-37.2
Female	1151	65,688	916	79.1	76.2-82.0	235	20.9	18.0-23.8
Non-Native	1990	118,461	1472	73.1	70.7-75.5	518	26.9	24.5-29.3
65+	2048	122,422	1517	73.2	70.8-75.6	531	26.8	24.4-29.2
Less Than H.S.	63	8,318	38	63.4	50.3-76.5	25	36.6	23.5-49.7
H.S. or G.E.D.	549	32,270	392	70.6	66.1-75.1	157	29.4	24.9-33.9
Some Post-H.S.	652	48,885	496	75.8	72.1-79.5	156	24.2	20.5-27.9
College Graduate	780	32,792	588	74.5	71.0-78.0	192	25.5	22.0-29.0
Less than \$15,000	50	2,513	32	64.2	47.5-80.9	18	35.8	19.1-52.5
\$15,000- 24,999	135	9,005	101	72.1	62.1-82.1	34	27.9	17.9-37.9
\$25,000- 34,999	228	12,912	162	69.1	61.5-76.7	66	30.9	23.3-38.5
\$35,000- 49,999	324	20,105	242	73.8	68.1-79.5	82	26.2	20.5-31.9
\$50,000- 99,999	552	32,905	424	76.1	71.8-80.4	128	23.9	19.6-28.2
\$100,000 - 199,999	237	14,542	172	72.6	66.1-79.1	65	27.4	20.9-33.9

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 13: IMMUNIZATION**

**TABLE 5: ADULTS AGED 65+ WHO HAVE EVER HAD A PNEUMONIA VACCINATION (\_PNEUMO3)**  
Denominator excludes: Respondents who are female or respondents with do not know/refused or with missing responses  
Denominator excludes: Respondents aged 64 or younger

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	897	56,734	601	66.5	62.8-70.2	296	33.5	29.8-37.2
Non-Native	871	54,892	582	66.1	62.4-69.8	289	33.9	30.2-37.6
65+	897	56,734	601	66.5	62.8-70.2	296	33.5	29.8-37.2
H.S. or G.E.D.	242	15,446	156	65.9	59.2-72.6	86	34.1	27.4-40.8
Some Post-H.S.	270	21,924	183	67.3	60.8-73.8	87	32.7	26.2-39.2
College Graduate	352	14,967	244	67.2	61.5-72.9	108	32.8	27.1-38.5
\$25,000- 34,999	90	5,896	59	66.0	54.0-78.0	31	34.0	22.0-46.0
\$35,000- 49,999	151	9,905	103	66.0	57.0-75.0	48	34.0	25.0-43.0
\$50,000- 99,999	281	18,168	197	69.5	63.0-76.0	84	30.5	24.0-37.0
\$100,000 - 199,999	140	8,568	97	67.4	58.4-76.4	43	32.6	23.6-41.6

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 RSE > 0.30 have been suppressed.

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 13: IMMUNIZATION**

**TABLE 6: ADULTS AGED 65+ WHO HAVE EVER HAD A PNEUMONIA VACCINATION (\_PNEUMO3)**  
Denominator excludes: Respondents who are male or respondents with do not know/refused or with missing responses  
Denominator excludes: Respondents aged 64 or younger

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Yes			No		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	1151	65,688	916	79.1	76.2-82.0	235	20.9	18.0-23.8
Non-Native	1119	63,569	890	79.1	76.2-82.0	229	20.9	18.0-23.8
65+	1151	65,688	916	79.1	76.2-82.0	235	20.9	18.0-23.8
H.S. or G.E.D.	307	16,824	236	75.0	69.1-80.9	71	25.0	19.1-30.9
Some Post-H.S.	382	26,961	313	82.7	78.4-87.0	69	17.3	13.0-21.6
College Graduate	428	17,825	344	80.5	76.2-84.8	84	19.5	15.2-23.8
\$15,000- 24,999	93	6,073	72	67.9	55.0-80.8	21	32.1	19.2-45.0
\$25,000- 34,999	138	7,016	103	71.7	61.9-81.5	35	28.3	18.5-38.1
\$35,000- 49,999	173	10,199	139	81.4	74.9-87.9	34	18.6	12.1-25.1
\$50,000- 99,999	271	14,738	227	84.2	79.1-89.3	44	15.8	10.7-20.9
\$100,000 - 199,999	97	5,974	75	80.0	71.4-88.6	22	20.0	11.4-28.6

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 RSE > 0.30 have been suppressed.

BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 14: HIV/AIDS 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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TABLE	PAGE
ADULTS WHO HAVE EVER BEEN TESTED FOR HIV (_AIDTST4)	
1 MALES AND FEMALES	169
2 MALES ONLY	170
3 FEMALES ONLY	171

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 14: HIV/AIDS**

**TABLE 1: ADULTS WHO HAVE EVER BEEN TESTED FOR HIV (\_AIDTST4)**  
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	4981	525,755	1310	30.8	29.0-32.6	3671	69.2	67.4-71.0
Male	2441	269,340	660	29.1	26.7-31.5	1781	70.9	68.5-73.3
Female	2540	256,416	650	32.5	30.0-35.0	1890	67.5	65.0-70.0
Native	144	21,330	79	58.1	47.7-68.5	65	41.9	31.5-52.3
Non-Native	4765	496,472	1211	29.7	27.9-31.5	3554	70.3	68.5-72.1
18-24	265	74,133	69	27.0	20.9-33.1	196	73.0	66.9-79.1
25-34	502	95,067	185	38.1	33.2-43.0	317	61.9	57.0-66.8
35-44	656	89,953	303	48.1	43.8-52.4	353	51.9	47.6-56.2
45-54	702	70,320	266	37.4	33.3-41.5	436	62.6	58.5-66.7
55-64	835	75,582	238	29.2	25.5-32.9	597	70.8	67.1-74.5
65+	2021	120,700	249	11.6	10.0-13.2	1772	88.4	86.8-90.0
Less Than H.S.	153	39,881	34	28.0	19.0-37.0	119	72.0	63.0-81.0
H.S. or G.E.D.	1241	137,133	304	28.6	25.3-31.9	937	71.4	68.1-74.7
Some Post-H.S.	1551	200,933	425	32.9	30.0-35.8	1126	67.1	64.2-70.0
College Graduate	2023	146,123	545	31.0	28.5-33.5	1478	69.0	66.5-71.5
Less than \$15,000	136	16,711	53	53.4	41.6-65.2	83	46.6	34.8-58.4
\$15,000- 24,999	278	33,269	83	35.1	27.7-42.5	195	64.9	57.5-72.3
\$25,000- 34,999	413	44,127	105	32.9	26.4-39.4	308	67.1	60.6-73.6
\$35,000- 49,999	562	54,618	136	29.2	24.1-34.3	426	70.8	65.7-75.9
\$50,000- 99,999	1431	151,394	375	30.5	27.4-33.6	1056	69.5	66.4-72.6
\$100,000 - 199,999	1042	111,675	318	33.2	29.7-36.7	724	66.8	63.3-70.3

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 14: HIV/AIDS**

**TABLE 2: ADULTS WHO HAVE EVER BEEN TESTED FOR HIV (\_AIDTST4)**

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

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	2441	269,340	660	29.1	26.7-31.5	1781	70.9	68.5-73.3
Native	66	10,338	35	50.5	35.6-65.4	31	49.5	34.6-64.4
Non-Native	2334	254,930	613	28.4	26.0-30.8	1721	71.6	69.2-74.0
18-24	152	38,623	35	23.8	16.0-31.6	117	76.2	68.4-84.0
25-34	279	51,870	83	29.6	23.7-35.5	196	70.4	64.5-76.3
35-44	370	47,110	154	43.5	37.8-49.2	216	56.5	50.8-62.2
45-54	356	36,400	130	35.9	30.2-41.6	226	64.1	58.4-69.8
55-64	392	39,149	116	30.2	24.7-35.7	276	69.8	64.3-75.3
65+	892	56,186	142	15.1	12.4-17.8	750	84.9	82.2-87.6
Less Than H.S.	83	22,187	17	22.3	11.7-32.9	66	77.7	67.1-88.3
H.S. or G.E.D.	672	78,602	187	29.1	25.0-33.2	485	70.9	66.8-75.0
Some Post-H.S.	756	103,165	221	31.2	27.3-35.1	535	68.8	64.9-72.7
College Graduate	923	64,146	233	28.3	24.8-31.8	690	71.7	68.2-75.2
Less than \$15,000	61	6,769	20	40.8	23.7-57.9	41	59.2	42.1-76.3
\$15,000- 24,999	100	11,889	28	28.1	16.5-39.7	72	71.9	60.3-83.5
\$25,000- 34,999	182	21,320	53	32.8	23.8-41.8	129	67.2	58.2-76.2
\$35,000- 49,999	263	26,553	64	27.4	20.7-34.1	199	72.6	65.9-79.3
\$50,000- 99,999	747	83,401	194	28.0	23.9-32.1	553	72.0	67.9-76.1
\$100,000 - 199,999	592	64,111	168	29.8	25.5-34.1	424	70.2	65.9-74.5

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 14: HIV/AIDS**

**TABLE 3: ADULTS WHO HAVE EVER BEEN TESTED FOR HIV (\_AIDTST4)**

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

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	2540	256,416	650	32.5	30.0-35.0	1890	67.5	65.0-70.0
Native	78	10,992	44	65.4	51.9-78.9	34	34.6	21.1-48.1
Non-Native	2431	241,541	598	31.1	28.6-33.6	1833	68.9	66.4-71.4
18-24	113	35,510	34	30.5	21.3-39.7	79	69.5	60.3-78.7
25-34	223	43,196	102	48.4	41.0-55.8	121	51.6	44.2-59.0
35-44	286	42,843	149	53.2	46.5-59.9	137	46.8	40.1-53.5
45-54	346	33,920	136	39.1	33.0-45.2	210	60.9	54.8-67.0
55-64	443	36,433	122	28.1	23.0-33.2	321	71.9	66.8-77.0
65+	1129	64,514	107	8.5	6.7-10.3	1022	91.5	89.7-93.3
Less Than H.S.	70	17,694	17	35.2	20.7-49.7	53	64.8	50.3-79.3
H.S. or G.E.D.	569	58,531	117	27.8	22.5-33.1	452	72.2	66.9-77.5
Some Post-H.S.	795	97,768	204	34.6	30.1-39.1	591	65.4	60.9-69.9
College Graduate	1100	81,976	312	33.0	29.5-36.5	788	67.0	63.5-70.5
Less than \$15,000	75	9,942	33	62.1	46.6-77.6	42	37.9	22.4-53.4
\$15,000- 24,999	178	21,380	55	39.0	29.6-48.4	123	61.0	51.6-70.4
\$25,000- 34,999	231	22,807	52	33.1	23.9-42.3	179	66.9	57.7-76.1
\$35,000- 49,999	299	28,065	72	31.0	23.6-38.4	227	69.0	61.6-76.4
\$50,000- 99,999	684	67,993	181	33.6	28.9-38.3	503	66.4	61.7-71.1
\$100,000 - 199,999	450	47,564	150	37.8	31.9-43.7	300	62.2	56.3-68.1

NOTE:

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BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023

SECTION 15: SEATBELT USE CONTENTS

\* NOTE \*\*\*\*\*  
WHEN THE DENOMINATOR IS NOT BASED ON THE TOTAL POPULATION SURVEYED, THE TITLE CONTAINS A DESCRIPTION OF WHAT POPULATION  
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TABLE	PAGE
ALWAYS OR NEARLY ALWAYS WEAR SEAT BELTS CALCULATED VARIABLE (_RFSEAT2)	
1 MALES AND FEMALES	173
2 MALES ONLY	174
3 FEMALES ONLY	175
ALWAYS WEAR SEAT BELTS CALCULATED VARIABLE (_RFSEAT3)	
4 MALES AND FEMALES	176
5 MALES ONLY	177
6 FEMALES ONLY	178
DRINKING AND DRIVING (_DRNKDRV)	
7 MALES AND FEMALES	179
8 MALES ONLY	180
9 FEMALES ONLY	181

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 15: SEATBELT USE**

**TABLE 1: ALWAYS OR NEARLY ALWAYS WEAR SEAT BELTS CALCULATED VARIABLE (\_RFSEAT2)**  
Denominator excludes: Respondents with do not know/refused/missing responses

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Not At Risk			At Risk		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5222	551,015	4760	90.1	88.9-91.3	462	9.9	8.7-11.1
Male	2563	283,842	2246	87.5	85.9-89.1	317	12.5	10.9-14.1
Female	2659	267,174	2514	92.9	91.3-94.5	145	7.1	5.5- 8.7
Native	146	21,417	128	84.5	75.9-93.1	18	15.5	6.9-24.1
Non-Native	5000	521,332	4567	90.4	89.2-91.6	433	9.6	8.4-10.8
18-24	281	79,361	249	89.9	86.2-93.6	32	10.1	6.4-13.8
25-34	524	98,925	470	88.1	84.6-91.6	54	11.9	8.4-15.4
35-44	681	93,155	616	89.7	87.0-92.4	65	10.3	7.6-13.0
45-54	730	72,967	664	90.4	88.0-92.8	66	9.6	7.2-12.0
55-64	872	79,212	784	89.1	86.4-91.8	88	10.9	8.2-13.6
65+	2134	127,396	1977	92.5	91.1-93.9	157	7.5	6.1- 8.9
Less Than H.S.	158	40,425	132	84.0	76.9-91.1	26	16.0	8.9-23.1
H.S. or G.E.D.	1290	142,323	1119	87.0	84.8-89.2	171	13.0	10.8-15.2
Some Post-H.S.	1629	212,300	1468	89.8	88.0-91.6	161	10.2	8.4-12.0
College Graduate	2129	154,020	2029	95.3	94.3-96.3	100	4.7	3.7- 5.7
Less than \$15,000	139	16,965	114	80.1	70.3-89.9	25	19.9	10.1-29.7
\$15,000- 24,999	285	33,554	243	84.3	78.6-90.0	42	15.7	10.0-21.4
\$25,000- 34,999	435	46,612	391	87.5	83.0-92.0	44	12.5	8.0-17.0
\$35,000- 49,999	587	57,066	535	89.7	86.0-93.4	52	10.3	6.6-14.0
\$50,000- 99,999	1486	156,603	1354	91.3	89.7-92.9	132	8.7	7.1-10.3
\$100,000 - 199,999	1100	118,624	1033	92.8	90.8-94.8	67	7.2	5.2- 9.2

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 15: SEATBELT USE**

**TABLE 2: ALWAYS OR NEARLY ALWAYS WEAR SEAT BELTS CALCULATED VARIABLE (\_RFSEAT2)**  
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		Not At Risk			At Risk		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2563	283,842	2246	87.5	85.9-89.1	317	12.5	10.9-14.1
Native	67	10,400	57	80.1	65.6-94.6	10	19.9	5.4-34.4
Non-Native	2452	269,075	2153	87.8	86.2-89.4	299	12.2	10.6-13.8
18-24	162	42,060	142	89.4	84.7-94.1	20	10.6	5.9-15.3
25-34	291	54,246	256	88.1	83.8-92.4	35	11.9	7.6-16.2
35-44	379	48,032	328	84.9	80.6-89.2	51	15.1	10.8-19.4
45-54	374	38,222	330	87.7	84.0-91.4	44	12.3	8.6-16.0
55-64	416	41,781	360	85.9	81.6-90.2	56	14.1	9.8-18.4
65+	941	59,501	830	88.5	86.1-90.9	111	11.5	9.1-13.9
Less Than H.S.	86	22,483	71	85.9	77.1-94.7	15	14.1	5.3-22.9
H.S. or G.E.D.	694	81,438	579	85.0	82.1-87.9	115	15.0	12.1-17.9
Some Post-H.S.	799	110,257	685	86.6	83.9-89.3	114	13.4	10.7-16.1
College Graduate	975	68,206	905	93.0	91.2-94.8	70	7.0	5.2- 8.8
Less than \$15,000	63	7,009	47	79.0	67.6-90.4	16	21.0	9.6-32.4
\$15,000- 24,999	103	12,038	79	73.8	61.5-86.1	24	26.2	13.9-38.5
\$25,000- 34,999	195	22,924	167	85.1	78.0-92.2	28	14.9	7.8-22.0
\$35,000- 49,999	274	27,684	238	86.5	81.4-91.6	36	13.5	8.4-18.6
\$50,000- 99,999	770	85,889	680	89.1	86.6-91.6	90	10.9	8.4-13.4
\$100,000 - 199,999	631	69,121	575	90.6	87.9-93.3	56	9.4	6.7-12.1

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 15: SEATBELT USE**

**TABLE 3: ALWAYS OR NEARLY ALWAYS WEAR SEAT BELTS CALCULATED VARIABLE (\_RFSEAT2)**  
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		Not At Risk			At Risk		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	2659	267,174	2514	92.9	91.3-94.5	145	7.1	5.5- 8.7
Native	79	11,017	71	88.7	79.9-97.5	8	11.3	2.5-20.1
Non-Native	2548	252,257	2414	93.2	91.6-94.8	134	6.8	5.2- 8.4
18-24	119	37,301	107	90.5	84.8-96.2	12	9.5	3.8-15.2
25-34	233	44,679	214	88.2	82.5-93.9	19	11.8	6.1-17.5
35-44	302	45,123	288	94.8	91.7-97.9	14	5.2	2.1- 8.3
45-54	356	34,746	334	93.4	90.7-96.1	22	6.6	3.9- 9.3
55-64	456	37,431	424	92.7	89.8-95.6	32	7.3	4.4-10.2
65+	1193	67,895	1147	96.0	94.6-97.4	46	4.0	2.6- 5.4
Less Than H.S.	72	17,942	61	81.6	70.2-93.0	11	18.4	7.0-29.8
H.S. or G.E.D.	596	60,885	540	89.7	86.4-93.0	56	10.3	7.0-13.6
Some Post-H.S.	830	102,043	783	93.4	91.0-95.8	47	6.6	4.2- 9.0
College Graduate	1154	85,814	1124	97.1	95.9-98.3	30	2.9	1.7- 4.1
Less than \$15,000	76	9,955	67	80.9	66.2-95.6	9	19.1	4.4-33.8
\$15,000- 24,999	182	21,515	164	90.2	85.3-95.1	18	9.8	4.9-14.7
\$25,000- 34,999	240	23,688	224	89.8	83.9-95.7	16	10.2	4.3-16.1
\$35,000- 49,999	313	29,382	297	92.7	87.4-98.0	16	7.3	2.0-12.6
\$50,000- 99,999	716	70,714	674	94.0	92.0-96.0	42	6.0	4.0- 8.0
\$100,000 - 199,999	469	49,504	458	96.0	92.9-99.1	11	4.0	0.9- 7.1

NOTE:

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

**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 15: SEATBELT USE**

**TABLE 4: ALWAYS WEAR SEAT BELTS CALCULATED VARIABLE (\_RFSEAT3)**  
**Denominator excludes: Respondents with do not know/refused/missing responses**

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		Not At Risk			At Risk		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	5222	551,015	4003	74.8	73.2-76.4	1219	25.2	23.6-26.8
Male	2563	283,842	1805	69.7	67.5-71.9	758	30.3	28.1-32.5
Female	2659	267,174	2198	80.1	77.9-82.3	461	19.9	17.7-22.1
Native	146	21,417	104	72.6	63.0-82.2	42	27.4	17.8-37.0
Non-Native	5000	521,332	3844	75.0	73.4-76.6	1156	25.0	23.4-26.6
18-24	281	79,361	206	75.7	70.4-81.0	75	24.3	19.0-29.6
25-34	524	98,925	375	69.8	65.3-74.3	149	30.2	25.7-34.7
35-44	681	93,155	496	72.8	69.1-76.5	185	27.2	23.5-30.9
45-54	730	72,967	555	76.2	72.7-79.7	175	23.8	20.3-27.3
55-64	872	79,212	660	74.2	70.5-77.9	212	25.8	22.1-29.5
65+	2134	127,396	1711	79.1	76.9-81.3	423	20.9	18.7-23.1
Less Than H.S.	158	40,425	107	67.1	58.1-76.1	51	32.9	23.9-41.9
H.S. or G.E.D.	1290	142,323	932	73.0	70.1-75.9	358	27.0	24.1-29.9
Some Post-H.S.	1629	212,300	1202	72.5	69.8-75.2	427	27.5	24.8-30.2
College Graduate	2129	154,020	1750	81.6	79.6-83.6	379	18.4	16.4-20.4
Less than \$15,000	139	16,965	97	72.6	62.2-83.0	42	27.4	17.0-37.8
\$15,000- 24,999	285	33,554	202	70.9	64.0-77.8	83	29.1	22.2-36.0
\$25,000- 34,999	435	46,612	333	71.4	65.3-77.5	102	28.6	22.5-34.7
\$35,000- 49,999	587	57,066	446	74.7	70.0-79.4	141	25.3	20.6-30.0
\$50,000- 99,999	1486	156,603	1115	73.4	70.5-76.3	371	26.6	23.7-29.5
\$100,000 - 199,999	1100	118,624	870	78.2	75.3-81.1	230	21.8	18.9-24.7

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 15: SEATBELT USE**

**TABLE 5: ALWAYS WEAR SEAT BELTS CALCULATED VARIABLE (\_RFSEAT3)**

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		Not At Risk			At Risk		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	2563	283,842	1805	69.7	67.5-71.9	758	30.3	28.1-32.5
Native	67	10,400	46	67.5	52.6-82.4	21	32.5	17.6-47.4
Non-Native	2452	269,075	1730	69.8	67.4-72.2	722	30.2	27.8-32.6
18-24	162	42,060	112	71.5	64.1-78.9	50	28.5	21.1-35.9
25-34	291	54,246	196	67.4	61.3-73.5	95	32.6	26.5-38.7
35-44	379	48,032	261	68.2	62.9-73.5	118	31.8	26.5-37.1
45-54	374	38,222	264	70.5	65.2-75.8	110	29.5	24.2-34.8
55-64	416	41,781	288	69.7	64.4-75.0	128	30.3	25.0-35.6
65+	941	59,501	684	71.3	67.8-74.8	257	28.7	25.2-32.2
Less Than H.S.	86	22,483	56	71.1	59.9-82.3	30	28.9	17.7-40.1
H.S. or G.E.D.	694	81,438	464	69.8	65.9-73.7	230	30.2	26.3-34.1
Some Post-H.S.	799	110,257	518	64.9	61.0-68.8	281	35.1	31.2-39.0
College Graduate	975	68,206	761	77.3	74.2-80.4	214	22.7	19.6-25.8
Less than \$15,000	63	7,009	40	68.3	54.6-82.0	23	31.7	18.0-45.4
\$15,000- 24,999	103	12,038	66	62.1	49.4-74.8	37	37.9	25.2-50.6
\$25,000- 34,999	195	22,924	134	68.0	59.4-76.6	61	32.0	23.4-40.6
\$35,000- 49,999	274	27,684	197	71.0	64.3-77.7	77	29.0	22.3-35.7
\$50,000- 99,999	770	85,889	531	68.0	63.9-72.1	239	32.0	27.9-36.1
\$100,000 - 199,999	631	69,121	472	75.0	71.1-78.9	159	25.0	21.1-28.9

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 15: SEATBELT USE**

**TABLE 6: ALWAYS WEAR SEAT BELTS CALCULATED VARIABLE (\_RFSEAT3)**

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	2659	267,174	2198	80.1	77.9-82.3	461	19.9	17.7-22.1
Native	79	11,017	58	77.5	65.9-89.1	21	22.5	10.9-34.1
Non-Native	2548	252,257	2114	80.4	78.2-82.6	434	19.6	17.4-21.8
18-24	119	37,301	94	80.4	72.8-88.0	25	19.6	12.0-27.2
25-34	233	44,679	179	72.6	65.7-79.5	54	27.4	20.5-34.3
35-44	302	45,123	235	77.7	72.2-83.2	67	22.3	16.8-27.8
45-54	356	34,746	291	82.5	78.2-86.8	65	17.5	13.2-21.8
55-64	456	37,431	372	79.2	74.1-84.3	84	20.8	15.7-25.9
65+	1193	67,895	1027	85.9	83.4-88.4	166	14.1	11.6-16.6
Less Than H.S.	72	17,942	51	62.1	48.0-76.2	21	37.9	23.8-52.0
H.S. or G.E.D.	596	60,885	468	77.4	72.9-81.9	128	22.6	18.1-27.1
Some Post-H.S.	830	102,043	684	80.7	77.2-84.2	146	19.3	15.8-22.8
College Graduate	1154	85,814	989	85.1	82.6-87.6	165	14.9	12.4-17.4
Less than \$15,000	76	9,955	57	75.7	60.8-90.6	19	24.3	9.4-39.2
\$15,000- 24,999	182	21,515	136	75.8	68.2-83.4	46	24.2	16.6-31.8
\$25,000- 34,999	240	23,688	199	74.7	66.3-83.1	41	25.3	16.9-33.7
\$35,000- 49,999	313	29,382	249	78.1	71.6-84.6	64	21.9	15.4-28.4
\$50,000- 99,999	716	70,714	584	80.0	75.9-84.1	132	20.0	15.9-24.1
\$100,000 - 199,999	469	49,504	398	82.6	78.1-87.1	71	17.4	12.9-21.9

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**  
**SECTION 15: SEATBELT USE**

**TABLE 7: DRINKING AND DRIVING (\_DRNKDRV)**

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

Data was weighted using \_LLCPWT.

DEMOGRAPHIC GROUPS	RESPONDENT NUMBER		1			2		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
TOTAL	3073	323,891	129	4.4	3.4- 5.4	2944	95.6	94.6-96.6
Male	1675	180,627	96	6.2	4.8- 7.6	1579	93.8	92.4-95.2
Female	1398	143,264	33	2.1	1.1- 3.1	1365	97.9	96.9-98.9
Native	55	7,910	5	11.2	0.0-22.4	50	88.8	77.6- 100
Non-Native	2982	311,928	123	4.2	3.2- 5.2	2859	95.8	94.8-96.8
18-24	156	41,977	9	6.1	2.0-10.2	147	93.9	89.8-98.0
25-34	358	65,153	19	4.6	2.4- 6.8	339	95.4	93.2-97.6
35-44	455	58,670	25	5.0	2.8- 7.2	430	95.0	92.8-97.2
45-54	503	49,861	23	4.6	2.4- 6.8	480	95.4	93.2-97.6
55-64	503	43,962	20	3.7	1.9- 5.5	483	96.3	94.5-98.1
65+	1098	64,268	33	2.8	1.6- 4.0	1065	97.2	96.0-98.4
Less Than H.S.	66	17,545	1	2.1	0.0- 6.2	65	97.9	93.8- 100
H.S. or G.E.D.	645	72,752	34	6.7	4.2- 9.2	611	93.3	90.8-95.8
Some Post-H.S.	922	126,032	42	4.4	2.8- 6.0	880	95.6	94.0-97.2
College Graduate	1431	106,552	51	3.2	2.2- 4.2	1380	96.8	95.8-97.8
\$15,000- 24,999	101	13,439	4	3.6	0.0- 7.5	97	96.4	92.5- 100
\$25,000- 34,999	196	20,963	12	6.3	2.4-10.2	184	93.7	89.8-97.6
\$35,000- 49,999	295	30,483	9	5.0	0.5- 9.5	286	95.0	90.5-99.5
\$50,000- 99,999	928	96,130	48	5.4	3.6- 7.2	880	94.6	92.8-96.4
\$100,000 - 199,999	843	88,594	34	4.0	2.4- 5.6	809	96.0	94.4-97.6

NOTE:

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 15: SEATBELT USE**

**TABLE 8: DRINKING AND DRIVING (\_DRNKDRV)**

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		1			2		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Male	1675	180,627	96	6.2	4.8- 7.6	1579	93.8	92.4-95.2
Non-Native	1626	174,800	91	6.0	4.4- 7.6	1535	94.0	92.4-95.6
18-24	92	22,762	8	10.3	3.0-17.6	84	89.7	82.4-97.0
25-34	210	37,878	15	6.4	3.1- 9.7	195	93.6	90.3-96.9
35-44	263	32,356	16	5.5	2.8- 8.2	247	94.5	91.8-97.2
45-54	269	27,238	19	7.5	4.0-11.0	250	92.5	89.0-96.0
55-64	264	24,987	11	4.1	1.6- 6.6	253	95.9	93.4-98.4
65+	577	35,405	27	4.4	2.4- 6.4	550	95.6	93.6-97.6
H.S. or G.E.D.	398	46,191	27	8.5	4.8-12.2	371	91.5	87.8-95.2
Some Post-H.S.	512	72,636	32	6.1	3.7- 8.5	480	93.9	91.5-96.3
College Graduate	718	50,410	35	4.5	2.7- 6.3	683	95.5	93.7-97.3
\$25,000- 34,999	101	11,669	10	10.3	3.4-17.2	91	89.7	82.8-96.6
\$35,000- 49,999	160	17,218	6	7.8	0.2-15.4	154	92.2	84.6-99.8
\$50,000- 99,999	505	54,702	29	6.1	3.6- 8.6	476	93.9	91.4-96.4
\$100,000 - 199,999	499	53,474	30	5.8	3.4- 8.2	469	94.2	91.8-96.6

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM  
NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023  
SECTION 15: SEATBELT USE**

**TABLE 9: DRINKING AND DRIVING (\_DRNKDRV)**

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		1			2		
	TOTAL	WEIGHTED	N	%	C.I. (95%)	N	%	C.I. (95%)
Female	1398	143,264	33	2.1	1.1- 3.1	1365	97.9	96.9-98.9
Non-Native	1356	137,128	32	2.0	1.2- 2.8	1324	98.0	97.2-98.8
18-24	64	19,215	1	1.1	0.0- 3.3	63	98.9	96.7- 100
25-34	148	27,275	4	2.0	0.0- 4.0	144	98.0	96.0- 100
35-44	192	26,313	9	4.4	1.1- 7.7	183	95.6	92.3-98.9
45-54	234	22,623	4	1.2	0.0- 2.6	230	98.8	97.4- 100
55-64	239	18,975	9	3.2	0.8- 5.6	230	96.8	94.4-99.2
65+	521	28,863	6	0.9	0.1- 1.7	515	99.1	98.3-99.9
H.S. or G.E.D.	247	26,561	7	3.5	0.8- 6.2	240	96.5	93.8-99.2
Some Post-H.S.	410	53,396	10	2.0	0.2- 3.8	400	98.0	96.2-99.8
College Graduate	713	56,142	16	1.9	0.9- 2.9	697	98.1	97.1-99.1
\$15,000- 24,999	52	8,223	2	3.4	0.0- 8.7	50	96.6	91.3- 100
\$25,000- 34,999	95	9,294	2	1.4	0.0- 3.4	93	98.6	96.6- 100
\$35,000- 49,999	135	13,266	3	1.5	0.0- 3.5	132	98.5	96.5- 100
\$50,000- 99,999	423	41,428	19	4.6	2.1- 7.1	404	95.4	92.9-97.9
\$100,000 - 199,999	344	35,121	4	1.1	0.0- 2.3	340	98.9	97.7- 100

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**BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM**  
**NORTH DAKOTA CALCULATED VARIABLE DATA REPORT, 2023**

End of Calculated Variable Data Report