

## Codebook

Combined Data, All Subjects

<b>Dataset name:</b>	subset_1168
<b>Dataset size:</b>	590.4 Kb
<b>Column count:</b>	104
<b>Row count:</b>	1,168
<b>Updated date:</b>	2023-11-25

### Column Attributes:

<b>1</b>	<b>Column name:</b>	<b>id</b>
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Column description:	Respondent sequence number
Source information:	NHANES data set
Data type:	Integer
Unique non-missing value count:	1,168
Missing value count:	0

Min	Mean	Median	Max	SD
109271.00	117219.39	117313.00	124821.00	4446.35

<b>2</b>	<b>Column name:</b>	<b>drop_flag</b>
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Column description:	Flag for exclusion: age < 20, cancer history, taking insulin or other glucose lowering medications, or lack of exposure or outcome variable
Source information:	Calculated from NHANES data
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	0

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,168	1,168	100.00

<b>3</b>	<b>Column name:</b>	<b>collection_cycle</b>
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Column description:	Data release cycle
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Source information: NHANES data set

Data type: Factor

Unique non-missing value count: 1

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
NHANES 2017-2020 public release	1,168	1,168	100.00

<b>4</b>	<b>Column name:</b>	<b>collection_lang</b>
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Column description: Language of SP Interview

Source information: NHANES data set

Data type: Ordered, factor

Unique non-missing value count: 2

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
English	1,084	1,084	92.81
Spanish	84	1,168	7.19

<b>5</b>	<b>Column name:</b>	<b>cholesterol_rx_ever</b>
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Column description: Told to take prescriptn for cholesterol

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
TRUE	1,168	1,168	100.00

<b>6</b>	<b>Column name:</b>	<b>adherence</b>
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Column description: Now taking prescribed medicine

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 2

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
FALSE	401	401	34.33
TRUE	767	1,168	65.67

<b>7</b>	<b>Column name:</b>	<b>cancer_ever</b>
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Column description: Ever told you had cancer or malignancy

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 1

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,167	1,167	99.91
Missing	1	1,168	0.09

<b>8</b>	<b>Column name:</b>	<b>rx_glucose_lowering</b>
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Column description: RX: Subject reported insulin or other glucose-lowering medication

Source information: Calculated from RX Data Supplement

Data type: Logical

Unique non-missing value count: 1

Missing value count: 503

Categories	Frequency	Cumulative Frequency	Percent
FALSE	665	665	56.93
Missing	503	1,168	43.07

<b>9</b>	<b>Column name:</b>	<b>cholesterol_ever</b>
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Column description: Doctor told you - high cholesterol level

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 2

Missing value count: 3

Categories	Frequency	Cumulative Frequency	Percent
FALSE	141	141	12.07
TRUE	1,024	1,165	87.67
Missing	3	1,168	0.26

<b>10</b>	<b>Column name:</b>	<b>cholesterol_check_ever</b>
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Column description: Ever had blood cholesterol checked

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 1,024

Categories	Frequency	Cumulative Frequency	Percent
TRUE	144	144	12.33
Missing	1,024	1,168	87.67

<b>11</b>	<b>Column name:</b>	<b>cholesterol_check_last</b>
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Column description: When blood cholesterol last checked

Source information: NHANES data set

Data type: Ordered, factor

Unique non-missing value count: 4

Missing value count: 1

Categories	Frequency	Cumulative Frequency	Percent
Within 1 year	873	873	74.74
1-2 years ago	167	1,040	14.30
2-5 years ago	83	1,123	7.11
5+ years ago	44	1,167	3.77

Missing	1	1,168	0.09
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12	Column name:		age	
	Column description:		Age (years)	
	Source information:		Significantly modified from NHANES data by Teaching Team	
	Data type:		Integer	
	Unique non-missing value count:		60	
	Missing value count:		0	
	Min	Mean	Median	Max
	20.00	62.36	63.00	80.00
				SD
				12.74

  

13	Column name:		sex	
	Column description:		Sex (Male/Female)	
	Source information:		Significantly modified from NHANES data by Teaching Team	
	Data type:		Ordered, factor	
	Unique non-missing value count:		2	
	Missing value count:		0	
	Categories	Frequency	Cumulative Frequency	Percent
	Male	606	606	51.88
	Female	562	1,168	48.12

  

14	Column name:		race_ethn_4cat	
	Column description:		Race/Hispanic origin without Non-Hispanic Asian	
	Source information:		Calculated from NHANES data	
	Data type:		Ordered, factor	
	Unique non-missing value count:		4	
	Missing value count:		0	
	Categories	Frequency	Cumulative Frequency	Percent
	Hispanic	200	200	17.12

Non-Hispanic White	508	708	43.49
Non-Hispanic Black	288	996	24.66
Other Race (including multiracial)	172	1,168	14.73

15	Column name:	race_ethn_5cat
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Column description: Race/Hispanic origin with Non-Hispanic Asian

Source information: Calculated from NHANES data

Data type: Ordered, factor

Unique non-missing value count: 4

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
Hispanic	200	200	17.12
Non-Hispanic White	508	708	43.49
Non-Hispanic Black	288	996	24.66
Other Race (including multiracial)	172	1,168	14.73

16	Column name:	race_5cat
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Column description: Race from RIDRETH1

Source information: Significantly modified from NHANES data by Teaching Team

Data type: Ordered, factor

Unique non-missing value count: 5

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
Mexican American	72	72	6.16
Other Hispanic	128	200	10.96
Non-Hispanic White	508	708	43.49
Non-Hispanic Black	288	996	24.66
Other Race (including multiracial)	172	1,168	14.73

<b>17</b>	<b>Column name:</b>	<b>race_6cat</b>
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Column description: Race/Hispanic origin w/ NH Asian

Source information: NHANES data set

Data type: Ordered, factor

Unique non-missing value count: 6

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
Mexican American	72	72	6.16
Other Hispanic	128	200	10.96
Non-Hispanic White	508	708	43.49
Non-Hispanic Black	288	996	24.66
Non-Hispanic Asian	124	1,120	10.62
Other Race (including multiracial)	48	1,168	4.11

<b>18</b>	<b>Column name:</b>	<b>marital_status</b>
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Column description: Marital status

Source information: NHANES data set

Data type: Ordered, factor

Unique non-missing value count: 3

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
Married/Living with Partner	675	675	57.79
Widowed/Divorced/Sep arated	380	1,055	32.53
Never Married	113	1,168	9.67

<b>19</b>	<b>Column name:</b>	<b>educ_level</b>
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Column description: Educational level

Source information: NHANES data set

Data type: Ordered, factor

Unique non-missing value count: 5

Missing value count: 1

Categories	Frequency	Cumulative Frequency	Percent
Less than 9th grade	65	65	5.57
9th-11th grade	139	204	11.90
HS graduate or GED	295	499	25.26
Some college or AA degree	387	886	33.13
College graduate or above	281	1,167	24.06
Missing	1	1,168	0.09

<b>20</b>	<b>Column name:</b>	<b>occupation_type_week</b>
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Column description: Type of work done last week

Source information: NHANES data set

Data type: Ordered, factor

Unique non-missing value count: 4

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
Employed and working	474	474	40.58
Employed, but not working	21	495	1.80
Seeking work	21	516	1.80
Unemployed	652	1,168	55.82

<b>21</b>	<b>Column name:</b>	<b>accult_birth_country</b>
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Column description: Country of birth

Source information: NHANES data set

Data type: Ordered, factor



Unique non-missing value count: 2

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
Born in the 50 US states or Washington, DC	880	880	75.34
Others	288	1,168	24.66

<b>22</b>	<b>Column name:</b>	<b>accult_time_usa</b>
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Column description: Acculturation time in the US

Source information: NHANES data set

Data type: Ordered, factor

Unique non-missing value count: 4

Missing value count: 882

Categories	Frequency	Cumulative Frequency	Percent
Less than 5 years	13	13	1.11
5+ but < 15 years	34	47	2.91
15 but < 30 years	87	134	7.45
30+ years	152	286	13.01
Missing	882	1,168	75.51

<b>23</b>	<b>Column name:</b>	<b>income_ratio</b>
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Column description: Family monthly poverty level index

Source information: NHANES data set

Data type: Numeric

Unique non-missing value count: 316

Missing value count: 0

Min	Mean	Median	Max	SD
0.00	2.55	2.19	5.00	1.55

<b>24</b>	<b>Column name:</b>	<b>income_cat</b>
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Column description:	Family monthly poverty level category
Source information:	NHANES data set
Data type:	Ordered, factor
Unique non-missing value count:	3
Missing value count:	0

Categories	Frequency	Cumulative Frequency	Percent
Less than or equal to 135% of FPL	312	312	26.71
Between 135 and 185% of FPL	202	514	17.29
Greater than 185% FPL	654	1,168	55.99

<b>25</b>	<b>Column name:</b>	<b>ins_dichot</b>
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Column description:	INSURANCE: Subject reported any form of health insurance?
Source information:	Significantly modified from NHANES data
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	95

Categories	Frequency	Cumulative Frequency	Percent
TRUE	1,073	1,073	91.87
Missing	95	1,168	8.13

<b>26</b>	<b>Column name:</b>	<b>ins_classif</b>
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Column description:	INSURANCE: Total Insurance Status
Source information:	Calculated from NHANES data
Data type:	Ordered, factor
Unique non-missing value count:	9
Missing value count:	95

Categories	Frequency	Cumulative Frequency	Percent
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Both private and government, with drug coverage	257	257	22.00
Both private and government, without drug coverage	25	282	2.14
Both private and government, unk drug coverage	2	284	0.17
Government, with drug coverage	420	704	35.96
Government, without drug coverage	44	748	3.77
Government, unk drug coverage	3	751	0.26
Private, with drug coverage	303	1,054	25.94
Private, without drug coverage	16	1,070	1.37
Private, unk drug coverage	3	1,073	0.26
Missing	95	1,168	8.13

<b>27</b>	<b>Column name:</b>	<b>ins_type</b>
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Column description: INSURANCE: Health Insurance Type

Source information: Calculated from NHANES data

Data type: Ordered, factor

Unique non-missing value count: 3

Missing value count: 95

Categories	Frequency	Cumulative Frequency	Percent
Government	467	467	39.98
Private	322	789	27.57
Both private and government	284	1,073	24.32
Missing	95	1,168	8.13

<b>28</b>	<b>Column name:</b>	<b>ins_any_gap</b>
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Column description: INSURANCE: Time when no insurance in past year?

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 2

Missing value count: 89

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,032	1,032	88.36
TRUE	47	1,079	4.02
Missing	89	1,168	7.62

<b>29</b>	<b>Column name:</b>	<b>ins_private</b>
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Column description: INSURANCE: Subject reported coverage by private health insurance

Source information: Significantly modified from NHANES data

Data type: Logical

Unique non-missing value count: 2

Missing value count: 95

Categories	Frequency	Cumulative Frequency	Percent
FALSE	467	467	39.98
TRUE	606	1,073	51.88
Missing	95	1,168	8.13

<b>30</b>	<b>Column name:</b>	<b>ins_govt</b>
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Column description: INSURANCE: Subject reported coverage by government health insurance (Medicare, Medicaid, Medigap, CHIP, State plan, other)

Source information: Calculated from NHANES data

Data type: Logical

Unique non-missing value count: 2

Missing value count: 95

Categories	Frequency	Cumulative Frequency	Percent
FALSE	322	322	27.57
TRUE	751	1,073	64.30
Missing	95	1,168	8.13

<b>31</b>	<b>Column name:</b>	<b>ins_none</b>
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Column description:	INSURANCE: Subject reported they had no health insurance coverage (Uninsured)
Source information:	Significantly modified from NHANES data
Data type:	Logical
Unique non-missing value count:	0
Missing value count:	1,168

Categories	Frequency	Cumulative Frequency	Percent
Missing	1,168	1,168	100.00

<b>32</b>	<b>Column name:</b>	<b>ins_rx</b>
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Column description:	INSURANCE: Do plans cover prescriptions?
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	95

Categories	Frequency	Cumulative Frequency	Percent
FALSE	88	88	7.53
TRUE	985	1,073	84.33
Missing	95	1,168	8.13

<b>33</b>	<b>Column name:</b>	<b>ins_govt_medicare</b>
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Column description:	INSURANCE: Covered by Medicare
Source information:	NHANES data set
Data type:	Logical

Unique non-missing value count: 1

Missing value count: 595

Categories	Frequency	Cumulative Frequency	Percent
TRUE	573	573	49.06
Missing	595	1,168	50.94

<b>34</b>	<b>Column name:</b>	<b>ins_govt_medigap</b>
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Column description: INSURANCE: Covered by Medi-Gap

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 1,147

Categories	Frequency	Cumulative Frequency	Percent
TRUE	21	21	1.80
Missing	1,147	1,168	98.20

<b>35</b>	<b>Column name:</b>	<b>ins_govt_medicaid</b>
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Column description: INSURANCE: Covered by Medicaid

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 995

Categories	Frequency	Cumulative Frequency	Percent
TRUE	173	173	14.81
Missing	995	1,168	85.19

<b>36</b>	<b>Column name:</b>	<b>ins_govt_chip</b>
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Column description: INSURANCE: Covered by CHIP

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 0

Missing value count: 1,168

Categories	Frequency	Cumulative Frequency	Percent
Missing	1,168	1,168	100.00

<b>37</b>	<b>Column name:</b>	<b>ins_govt_state</b>
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Column description: INSURANCE: Covered by state-sponsored health plan

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 1,108

Categories	Frequency	Cumulative Frequency	Percent
TRUE	60	60	5.14
Missing	1,108	1,168	94.86

<b>38</b>	<b>Column name:</b>	<b>ins_govt_other</b>
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Column description: INSURANCE: Covered by other government insurance

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 1,021

Categories	Frequency	Cumulative Frequency	Percent
TRUE	147	147	12.59
Missing	1,021	1,168	87.41

<b>39</b>	<b>Column name:</b>	<b>cvd_hx</b>
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Column description: CVD Hx: Subject reported comorbid cardiovascular disease (CAD, CHF, Angina, MI, CVA)

Source information: Calculated from NHANES data

Data type: Logical

Unique non-missing value count: 2

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
FALSE	894	894	76.54
TRUE	274	1,168	23.46

<b>40</b>	<b>Column name:</b>	<b>cvd_chf_ever</b>
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Column description: Ever told had congestive heart failure

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 2

Missing value count: 3

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,100	1,100	94.18
TRUE	65	1,165	5.57
Missing	3	1,168	0.26

<b>41</b>	<b>Column name:</b>	<b>cvd_chf_age</b>
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Column description: Age when told you had heart failure

Source information: NHANES data set

Data type: Integer

Unique non-missing value count: 33

Missing value count: 1,103

Min	Mean	Median	Max	SD
16.00	57.72	59.00	80.00	14.19

<b>42</b>	<b>Column name:</b>	<b>cvd_cad_ever</b>
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Column description: Ever told you had coronary heart disease

Source information: NHANES data set

Data type: Logical



Unique non-missing value count: 2

Missing value count: 2

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,054	1,054	90.24
TRUE	112	1,166	9.59
Missing	2	1,168	0.17

<b>43</b>	<b>Column name:</b>	<b>cvd_cad_age</b>
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Column description: Age when told had coronary heart disease

Source information: NHANES data set

Data type: Integer

Unique non-missing value count: 42

Missing value count: 1,058

Min	Mean	Median	Max	SD
16.00	57.55	59.00	80.00	11.72

<b>44</b>	<b>Column name:</b>	<b>cvd_angina_ever</b>
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Column description: Ever told you had angina/angina pectoris

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 2

Missing value count: 8

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,102	1,102	94.35
TRUE	58	1,160	4.97
Missing	8	1,168	0.68

<b>45</b>	<b>Column name:</b>	<b>cvd_angina_age</b>
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Column description: Age when told you had angina pectoris

Source information: NHANES data set

Data type:	Integer			
Unique non-missing value count:	33			
Missing value count:	1,110			
Min	Mean	Median	Max	SD
16.00	54.38	55.00	80.00	12.42

46	Column name:	cvd_mi_ever		
	Column description:	Ever told you had heart attack		
	Source information:	NHANES data set		
	Data type:	Logical		
	Unique non-missing value count:	2		
	Missing value count:	2		
	Categories	Frequency	Cumulative Frequency	Percent
	FALSE	1,062	1,062	90.92
	TRUE	104	1,166	8.90
	Missing	2	1,168	0.17

47	Column name:	cvd_mi_age			
	Column description:	Age when told you had heart attack			
	Source information:	NHANES data set			
	Data type:	Integer			
	Unique non-missing value count:	42			
	Missing value count:	1,064			
	Min	Mean	Median	Max	SD
	20.00	57.40	59.00	80.00	12.28

48	Column name:	cvd_cva_ever		
	Column description:	Ever told you had a stroke		
	Source information:	NHANES data set		

Data type: Logical

Unique non-missing value count: 2

Missing value count: 1

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,038	1,038	88.87
TRUE	129	1,167	11.04
Missing	1	1,168	0.09

<b>49</b>	<b>Column name:</b>	<b>cvd_cva_age</b>
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Column description: Age when told you had a stroke

Source information: NHANES data set

Data type: Integer

Unique non-missing value count: 46

Missing value count: 1,041

Min	Mean	Median	Max	SD
22.00	58.35	58.00	80.00	13.74

<b>50</b>	<b>Column name:</b>	<b>alc_ever</b>
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Column description: ALCOHOL: Ever had a drink of any kind of alcohol

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 2

Missing value count: 123

Categories	Frequency	Cumulative Frequency	Percent
FALSE	70	70	5.99
TRUE	975	1,045	83.48
Missing	123	1,168	10.53

<b>51</b>	<b>Column name:</b>	<b>alc_freq</b>
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Column description:	ALCOHOL: How often do you consume alcohol? (Past 12 months)
Source information:	NHANES data set
Data type:	Ordered, factor
Unique non-missing value count:	11
Missing value count:	194

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
Nearly every day	45	3-6 times in the last year	89
Every day	49	1-2 times in the last year	99
7-11 times in the last year	54	2-3 times per month	104
once per week	63	Missing	194
once per month	63	Never in last year	260

<b>52</b>	<b>Column name:</b>	<b>alc_per_day</b>
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Column description:	ALCOHOL: When you drink alcohol, how many drinks do you have in one day? (Past 12 months)
Source information:	NHANES data set
Data type:	Integer
Unique non-missing value count:	13
Missing value count:	455

Min	Mean	Median	Max	SD
1.00	2.27	2.00	15.00	1.87

<b>53</b>	<b>Column name:</b>	<b>alc_heavy</b>
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Column description:	ALCOHOL: Heavy Drinking Status
Source information:	Calculated from NHANES data
Data type:	Logical
Unique non-missing value count:	2

Missing value count:		125		
Categories	Frequency	Cumulative Frequency	Percent	
FALSE	937	937	80.22	
TRUE	106	1,043	9.08	
Missing	125	1,168	10.70	

54	Column name:	smoking_hx		
	Column description:	Smoking status		
	Source information:	Calculated from NHANES data by teaching team		
	Data type:	Ordered, factor		
	Unique non-missing value count:	3		
	Missing value count:	0		
	Categories	Frequency	Cumulative Frequency	Percent
	Never	596	596	51.03
	Past	378	974	32.36
	Current	194	1,168	16.61

55	Column name:	active_mod_work_dur			
	Column description:	Physical Activity: moderate work min per week			
	Source information:	Significantly modified from NHANES data by Teaching Team			
	Data type:	Numeric			
	Unique non-missing value count:	57			
	Missing value count:	682			
	Min	Mean	Median	Max	SD
	1.43	91.32	60.00	565.71	98.51

56	Column name:	active_transport_dur
	Column description:	Physical Activity: transportation min per week
	Source information:	Significantly modified from NHANES data by Teaching Team

Data type:	Numeric			
Unique non-missing value count:	44			
Missing value count:	947			
Min	Mean	Median	Max	SD
2.14	45.37	21.43	480.00	68.29

57	Column name:	active_mod_rec_dur			
	Column description:	Physical Activity: moderate recreational min per week			
	Source information:	Significantly modified from NHANES data by Teaching Team			
	Data type:	Numeric			
	Unique non-missing value count:	48			
	Missing value count:	693			
	Min	Mean	Median	Max	SD
	2.14	30.79	17.14	308.57	38.40

58	Column name:	active_total			
	Column description:	Physical Activity: total physical activity min per week under PAG			
	Source information:	Significantly modified from NHANES data by Teaching Team			
	Data type:	Numeric			
	Unique non-missing value count:	168			
	Missing value count:	385			
	Min	Mean	Median	Max	SD
	1.43	107.79	51.43	1748.57	170.25

59	Column name:	active_vig_dur
	Column description:	Physical Activity: total minutes of vigorous physical activity per week
	Source information:	Significantly modified from NHANES data by Teaching Team

Data type:	Numeric			
Unique non-missing value count:	38			
Missing value count:	1,114			
Min	Mean	Median	Max	SD
14.29	284.66	154.29	1302.86	309.28

60	Column name:	bmi		
	Column description:	Body Mass Index		
	Source information:	NHANES data set		
	Data type:	Numeric		
	Unique non-missing value count:	277		
	Missing value count:	85		
Min	Mean	Median	Max	SD
15.40	30.30	29.00	80.60	6.94

61	Column name:	bmi_cat		
	Column description:	CDC obesity classification		
	Source information:	Calculated from NHANES data by teaching team		
	Data type:	Ordered, factor		
	Unique non-missing value count:	5		
	Missing value count:	85		
Categories	Frequency	Cumulative Frequency	Percent	
Underweight	7	7	0.60	
Normal Weight	212	219	18.15	
Overweight	396	615	33.90	
Obese Class 1 or 2	373	988	31.93	
Obese Class 3	95	1,083	8.13	
Missing	85	1,168	7.28	

62	Column name:	weight_self		
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Column description:	Weight Self-Perception: How do you consider your weight
Source information:	NHANES data set
Data type:	Ordered, factor
Unique non-missing value count:	3
Missing value count:	1

Categories	Frequency	Cumulative Frequency	Percent
Overweight	639	639	54.71
Underweight	51	690	4.37
About the right weight	477	1,167	40.84
Missing	1	1,168	0.09

<b>63</b>	<b>Column name:</b>	<b>weight_self_wish</b>
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Column description:	Weight Self-Perception: Like to weigh more, less or same
Source information:	NHANES data set
Data type:	Ordered, factor
Unique non-missing value count:	3
Missing value count:	0

Categories	Frequency	Cumulative Frequency	Percent
More	63	63	5.39
Less	764	827	65.41
About the same	341	1,168	29.20

<b>64</b>	<b>Column name:</b>	<b>weight_need_ever</b>
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Column description:	Weight Needs: Doctor told you to control/lose weight
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	0



Categories	Frequency	Cumulative Frequency	Percent
FALSE	742	742	63.53
TRUE	426	1,168	36.47

<b>65</b>	<b>Column name:</b>	<b>weight_need_exercise</b>
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Column description:	Weight Needs: Doctor told you to exercise
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	2

Categories	Frequency	Cumulative Frequency	Percent
FALSE	533	533	45.63
TRUE	633	1,166	54.20
Missing	2	1,168	0.17

<b>66</b>	<b>Column name:</b>	<b>weight_need_salt</b>
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Column description:	Weight Needs: Doctor told you to reduce salt in diet
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	3

Categories	Frequency	Cumulative Frequency	Percent
FALSE	659	659	56.42
TRUE	506	1,165	43.32
Missing	3	1,168	0.26

<b>67</b>	<b>Column name:</b>	<b>weight_need_fat</b>
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Column description:	Weight Needs: Doctor told you to reduce fat/calories
Source information:	NHANES data set
Data type:	Logical

Unique non-missing value count: 2

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
FALSE	631	631	54.02
TRUE	537	1,168	45.98

<b>68</b>	<b>Column name:</b>	<b>weight_act_now</b>
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Column description: Weight Actions (currently): Are you now controlling or losing weight

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 2

Missing value count: 1

Categories	Frequency	Cumulative Frequency	Percent
FALSE	360	360	30.82
TRUE	807	1,167	69.09
Missing	1	1,168	0.09

<b>69</b>	<b>Column name:</b>	<b>weight_act_now_exercise</b>
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Column description: Weight Actions (currently): Are you now increasing exercise

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 2

Missing value count: 1

Categories	Frequency	Cumulative Frequency	Percent
FALSE	477	477	40.84
TRUE	690	1,167	59.08
Missing	1	1,168	0.09

<b>70</b>	<b>Column name:</b>	<b>weight_act_now_salt</b>
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Column description:	Weight Actions (currently): Are you now reducing salt in diet
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	0

Categories	Frequency	Cumulative Frequency	Percent
FALSE	385	385	32.96
TRUE	783	1,168	67.04

<b>71</b>	<b>Column name:</b>	<b>weight_act_now_fat</b>
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Column description:	Weight Actions (currently): Are you now reducing fat in diet
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	1

Categories	Frequency	Cumulative Frequency	Percent
FALSE	359	359	30.74
TRUE	808	1,167	69.18
Missing	1	1,168	0.09

<b>72</b>	<b>Column name:</b>	<b>weight_act_year</b>
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Column description:	Weight Actions (past 12 months): Tried to lose weight in past year
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	150

Categories	Frequency	Cumulative Frequency	Percent
FALSE	590	590	50.51

TRUE	428	1,018	36.64
Missing	150	1,168	12.84

73	Column name:	weight_act_year_cut		
	Column description:	Weight Actions (past 12 months): Ate less to lose weight		
	Source information:	NHANES data set		
	Data type:	Logical		
	Unique non-missing value count:	1		
	Missing value count:	804		
	Categories	Frequency	Cumulative Frequency	Percent
	TRUE	364	364	31.16
	Missing	804	1,168	68.84

74	Column name:	weight_act_year_calories		
	Column description:	Weight Actions (past 12 months): Switched to foods with lower calories		
	Source information:	NHANES data set		
	Data type:	Logical		
	Unique non-missing value count:	1		
	Missing value count:	983		
	Categories	Frequency	Cumulative Frequency	Percent
	TRUE	185	185	15.84
	Missing	983	1,168	84.16

75	Column name:	weight_act_year_fat		
	Column description:	Weight Actions (past 12 months): Ate less fat to lose weight		
	Source information:	NHANES data set		
	Data type:	Logical		
	Unique non-missing value count:	1		

Missing value count: 955

Categories	Frequency	Cumulative Frequency	Percent
TRUE	213	213	18.24
Missing	955	1,168	81.76

<b>76</b>	<b>Column name:</b>	<b>weight_act_year_exercise</b>
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Column description: Weight Actions (past 12 months): Exercised to lose weight

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 884

Categories	Frequency	Cumulative Frequency	Percent
TRUE	284	284	24.32
Missing	884	1,168	75.68

<b>77</b>	<b>Column name:</b>	<b>weight_act_year_skip</b>
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Column description: Weight Actions (past 12 months): Skipped meals

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 1,044

Categories	Frequency	Cumulative Frequency	Percent
TRUE	124	124	10.62
Missing	1,044	1,168	89.38

<b>78</b>	<b>Column name:</b>	<b>weight_act_year_product</b>
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Column description: Weight Actions (past 12 months): Ate diet foods or products

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1  
Missing value count: 1,121

Categories	Frequency	Cumulative Frequency	Percent
TRUE	47	47	4.02
Missing	1,121	1,168	95.98

<b>79</b>	<b>Column name:</b>	<b>weight_act_year_liquid</b>
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Column description: Weight Actions (past 12 months): Used a liquid diet formula  
Source information: NHANES data set  
Data type: Logical  
Unique non-missing value count: 1  
Missing value count: 1,130

Categories	Frequency	Cumulative Frequency	Percent
TRUE	38	38	3.25
Missing	1,130	1,168	96.75

<b>80</b>	<b>Column name:</b>	<b>weight_act_year_program</b>
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Column description: Weight Actions (past 12 months): Joined a weight loss program  
Source information: NHANES data set  
Data type: Logical  
Unique non-missing value count: 1  
Missing value count: 1,147

Categories	Frequency	Cumulative Frequency	Percent
TRUE	21	21	1.80
Missing	1,147	1,168	98.20

<b>81</b>	<b>Column name:</b>	<b>weight_act_year_rx</b>
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Column description: Weight Actions (past 12 months): Took prescription diet pills

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 1,148

Categories	Frequency	Cumulative Frequency	Percent
TRUE	20	20	1.71
Missing	1,148	1,168	98.29

<b>82</b>	<b>Column name:</b>	<b>weight_act_year_nonrx</b>
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Column description: Weight Actions (past 12 months): Took non-RX suppl. to lose weight

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 1,139

Categories	Frequency	Cumulative Frequency	Percent
TRUE	29	29	2.48
Missing	1,139	1,168	97.52

<b>83</b>	<b>Column name:</b>	<b>weight_act_year_purge</b>
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Column description: Weight Actions (past 12 months): Took laxatives or vomited

Source information: NHANES data set

Data type: Logical

Unique non-missing value count: 1

Missing value count: 1,163

Categories	Frequency	Cumulative Frequency	Percent
TRUE	5	5	0.43
Missing	1,163	1,168	99.57

<b>84</b>	<b>Column name:</b>	<b>weight_act_year_water</b>
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Column description:	Weight Actions (past 12 months): Drank a lot of water
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	884

Categories	Frequency	Cumulative Frequency	Percent
TRUE	284	284	24.32
Missing	884	1,168	75.68

<b>85</b>	<b>Column name:</b>	<b>weight_act_year_diet</b>
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Column description:	Weight Actions (past 12 months): Followed a special diet
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	1,123

Categories	Frequency	Cumulative Frequency	Percent
TRUE	45	45	3.85
Missing	1,123	1,168	96.15

<b>86</b>	<b>Column name:</b>	<b>weight_act_year_carbs</b>
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Column description:	Weight Actions (past 12 months): Ate fewer carbohydrates
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	939

Categories	Frequency	Cumulative Frequency	Percent
TRUE	229	229	19.61
Missing	939	1,168	80.39



<b>87</b>	<b>Column name:</b>	<b>weight_act_year_smoke</b>
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Column description:	Weight Actions (past 12 months): Started to smoke or began to smoke again
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	1,160

Categories	Frequency	Cumulative Frequency	Percent
TRUE	8	8	0.68
Missing	1,160	1,168	99.32

<b>88</b>	<b>Column name:</b>	<b>weight_act_year_veg</b>
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Column description:	Weight Actions (past 12 months): Ate more fruits, vegetables, salads
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	883

Categories	Frequency	Cumulative Frequency	Percent
TRUE	285	285	24.40
Missing	883	1,168	75.60

<b>89</b>	<b>Column name:</b>	<b>weight_act_year_habits</b>
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Column description:	Weight Actions (past 12 months): Changed eating habits
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	949

Categories	Frequency	Cumulative Frequency	Percent
TRUE	219	219	18.75

Missing	949	1,168	81.25
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90	Column name:	weight_act_year_sweets
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Column description:	Weight Actions (past 12 months): Ate less sugar, candy, sweets
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	924

Categories	Frequency	Cumulative Frequency	Percent
TRUE	244	244	20.89
Missing	924	1,168	79.11

91	Column name:	weight_act_year_junk
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Column description:	Weight Actions (past 12 months): Ate less junk food or fast food
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	931

Categories	Frequency	Cumulative Frequency	Percent
TRUE	237	237	20.29
Missing	931	1,168	79.71

92	Column name:	weight_act_year_surgery
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Column description:	Weight Actions (past 12 months): Had weight loss surgery to lose weight
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	1,163

Categories	Frequency	Cumulative Frequency	Percent
TRUE	5	5	0.43
Missing	1,163	1,168	99.57

<b>93</b>	<b>Column name:</b>	<b>weight_act_year_other</b>
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Column description:	Weight Actions (past 12 months): Other
Source information:	NHANES data set
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	1,164

Categories	Frequency	Cumulative Frequency	Percent
TRUE	4	4	0.34
Missing	1,164	1,168	99.66

<b>94</b>	<b>Column name:</b>	<b>rx_use</b>
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Column description:	RX: Subject reported taking a prescription medication in the past month
Source information:	RX Data Supplement
Data type:	Logical
Unique non-missing value count:	1
Missing value count:	503

Categories	Frequency	Cumulative Frequency	Percent
TRUE	665	665	56.93
Missing	503	1,168	43.07

<b>95</b>	<b>Column name:</b>	<b>rx_lipid</b>
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Column description:	RX: Subject reported an anti-hyperlipidemic drug
Source information:	Calculated from RX Data Supplement
Data type:	Logical
Unique non-missing value count:	2

Missing value count:	503		
Categories	Frequency	Cumulative Frequency	Percent
FALSE	6	6	0.51
TRUE	659	665	56.42
Missing	503	1,168	43.07

<b>96</b>	<b>Column name:</b>	<b>rx_count_lipid</b>
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Column description:	RX: Total number of anti-hyperlipidemic drugs reported by the subject
Source information:	Calculated from RX Data Supplement
Data type:	Integer
Unique non-missing value count:	4
Missing value count:	503

Categories	Frequency	Cumulative Frequency	Percent
0	6	6	0.51
1	637	643	54.54
2	20	663	1.71
3	2	665	0.17
Missing	503	1,168	43.07

<b>97</b>	<b>Column name:</b>	<b>rx_count_total</b>
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Column description:	RX: Number of prescription medicines taken
Source information:	RX Data Supplement
Data type:	Integer
Unique non-missing value count:	17
Missing value count:	503

Min	Mean	Median	Max	SD
1.00	4.57	4.00	19.00	2.80

<b>98</b>	<b>Column name:</b>	<b>rx_statin</b>
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Column description:	RX: Subject reported a statin class anti-hyperlipidemic
Source information:	Calculated from RX Data Supplement
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	503

Categories	Frequency	Cumulative Frequency	Percent
FALSE	36	36	3.08
TRUE	629	665	53.85
Missing	503	1,168	43.07

<b>99</b>	<b>Column name:</b>	<b>rx_pcks9</b>
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Column description:	RX: Subject reported a PCSK9 inhibitor class anti-hyperlipidemic
Source information:	Calculated from RX Data Supplement
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	503

Categories	Frequency	Cumulative Frequency	Percent
FALSE	663	663	56.76
TRUE	2	665	0.17
Missing	503	1,168	43.07

<b>100</b>	<b>Column name:</b>	<b>rx_fibrate</b>
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Column description:	RX: Subject reported a fibrate class anti-hyperlipidemic
Source information:	Calculated from RX Data Supplement
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	503

Categories	Frequency	Cumulative Frequency	Percent
FALSE	642	642	54.97

TRUE	23	665	1.97
Missing	503	1,168	43.07

101	Column name:	rx_sequestrant
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Column description: RX: Subject reported a bile acid sequestrant class anti-hyperlipidemic

Source information: Calculated from RX Data Supplement

Data type: Logical

Unique non-missing value count: 2

Missing value count: 503

Categories	Frequency	Cumulative Frequency	Percent
FALSE	662	662	56.68
TRUE	3	665	0.26
Missing	503	1,168	43.07

102	Column name:	rx_supplement
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Column description: RX: Subject reported a dietary supplement used as an anti-hyperlipidemic

Source information: Calculated from RX Data Supplement

Data type: Logical

Unique non-missing value count: 2

Missing value count: 503

Categories	Frequency	Cumulative Frequency	Percent
FALSE	660	660	56.51
TRUE	5	665	0.43
Missing	503	1,168	43.07

103	Column name:	rx_other
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Column description: RX: Subject reported an anti-hyperlipidemic medication not otherwise classified

Source information: Calculated from RX Data Supplement

Data type: Logical

Unique non-missing value count: 2

Missing value count: 503

Categories	Frequency	Cumulative Frequency	Percent
FALSE	646	646	55.31
TRUE	19	665	1.63
Missing	503	1,168	43.07

<b>104</b>	<b>Column name:</b>	<b>rx_non_lipid</b>
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Column description: RX: Subject reported a non-lipid lowering medication

Source information: Calculated from RX Data Supplement

Data type: Logical

Unique non-missing value count: 2

Missing value count: 503

Categories	Frequency	Cumulative Frequency	Percent
FALSE	656	656	56.16
TRUE	9	665	0.77
Missing	503	1,168	43.07