Codebook
Combined Data, Included Subjects

Dataset name:	subset_1168
Dataset size:	590.4 Kb
Column count:	104
Row count:	1,168
Updated date:	2023-11-27

Column Attributes:

1   Column name: id

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

2   Column name: drop_flag

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

3   Column name: collection_cycle

Column description:	Data release cycle

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

4	**Column name:**	**collection_lang**

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

5	**Column name:**	**cholesterol_rx_ever**

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

6	**Column name:**	**adherence**

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

7	**Column name:**	**cancer_ever**

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

8	**Column name:**	**rx_glucose_lowering**

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

9	**Column name:**	**cholesterol_ever**

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

10   Column name: cholesterol_check_ever

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

11   Column name: cholesterol_check_last

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

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	SD
20.00	62.36	63.00	80.00	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

Categories	Frequency	Cumulative Frequency	Percent
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

Column description:	Race/Hispanic origin with Non-Hispanic Asian
Source information:	Calculated from NHANES data
Data type:	Ordered, factor
Unique non-missing value count:	5
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
Non-Hispanic Asian	124	1,120	10.62
Other Race (including multiracial)	48	1,168	4.11

16	Column name:	race_5cat

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

Categories	Frequency	Cumulative Frequency	Percent
Other Race (including multiracial)	172	1,168	14.73

17	Column name:	race_6cat	

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

18	Column name:	marital_status	

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/Separated	380	1,055	32.53
Never Married	113	1,168	9.67

19	Column name:	educ_level	

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

20	Column name:	occupation_type_week

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

21	Column name:	accult_birth_country

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

22	**Column name:**	**accult_time_usa**

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

23	**Column name:**	**income_ratio**

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

24	**Column name:**		**income_cat**	

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

25	**Column name:**		**ins_dichot**	

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

26	**Column name:**		**ins_classif**	

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

Categories	Frequency	Cumulative Frequency	Percent
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

27	Column name:	ins_type

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

28	Column name:		**ins_any_gap**	

	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

29	Column name:		**ins_private**	

	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

30	Column name:		**ins_govt**	

	Column description:		INSURANCE: Subject reported coverage by government health insurance (Medicaire, 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

31	Column name:		ins_none

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:	1	
Missing value count:	95	

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

32	Column name:		ins_rx

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

33	Column name:		ins_govt_medicare

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

34	Column name:	ins_govt_medigap

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

35	Column name:	ins_govt_medicaid

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

36	Column name:	ins_govt_chip

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

37	Column name:	ins_govt_state

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

38	Column name:	ins_govt_other

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

39	Column name:	cvd_hx

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

40	Column name:		cvd_chf_ever	

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

41	Column name:		cvd_chf_age	

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

42	Column name:		cvd_cad_ever	

| 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

43	Column name:	cvd_cad_age

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

44	Column name:	cvd_angina_ever

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

45	Column name:	cvd_angina_age

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

---

49   Column name: cvd_cva_age

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

---

50   Column name: alc_ever

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

---

51   Column name: alc_freq

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

52	Column name:	alc_per_day

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

53	Column name:	alc_heavy

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**

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

63	Column name:	weight_self_wish	
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

64	Column name:	weight_need_ever	
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

65	Column name:		weight_need_exercise

	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

66	Column name:		weight_need_salt

	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

67	Column name:		weight_need_fat

	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

68	Column name:	weight_act_now

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

69	Column name:	weight_act_now_exercise

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

70	Column name:	weight_act_now_salt

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

71	Column name:	weight_act_now_fat

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

72	Column name:	weight_act_year

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

Categories	Frequency	Cumulative Frequency	Percent
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

76	**Column name:**	**weight_act_year_exercise**

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

77	**Column name:**	**weight_act_year_skip**

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

78	**Column name:**	**weight_act_year_product**

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

79	**Column name:**	**weight_act_year_liquid**

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

80	**Column name:**	**weight_act_year_program**

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

81	**Column name:**	**weight_act_year_rx**

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

82	Column name:	weight_act_year_nonrx

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

83	Column name:	weight_act_year_purge

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

84	Column name:	weight_act_year_water

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

85	Column name:	weight_act_year_diet

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

86	Column name:	weight_act_year_carbs

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

87	**Column name:**		**weight_act_year_smoke**	

	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

88	**Column name:**		**weight_act_year_veg**	

	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

89	**Column name:**		**weight_act_year_habits**	

	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

90	Column name:		**weight_act_year_sweets**

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**

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**

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

93	Column name:		weight_act_year_other

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

94	Column name:		rx_use

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

95	Column name:		rx_lipid

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

96	Column name:	rx_count_lipid

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

97	Column name:	rx_count_total

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

98	Column name:	rx_statin

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

99	Column name:	rx_pcks9

Column description:		RX: Subject reported a PCKS9 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

100	Column name:	rx_fibrate

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

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

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

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

104	**Column name:**	**rx_non_lipid**

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