ACR	Source Dataset
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	Urinary Albumin/Creatinine ratio (mg/g)

Calculated Variable Formula:
ACR=Albumin_urine***100**/Creatinine_urine;

Code or Value	Description	Count
0.508 to 20400	Range of Values	28698
7.43 [4.66,16.13]	Median [IQR]	28698
56.03 (342.77)	Mean (std)	28698
.	Missing	1485

AFib_ECG	Source Dataset
	fromwakefperm Foxpro Table 3/13/2009 caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	ECG, CATI
Hard Edits	**SAS Label**
	Participant had ECG evidence of atrial fibrilation (from ECG formerly fromwakerforest)

Calculated Variable Formula:
if (Q2_2d='1') or (afib_ecg="ALERT") then Afib_SR_ECG='Y';
if (Q2_2d='2') and (afib_ecg="NONE") then Afib_SR_ECG='N';

Code or Value	Description	Frequency	Percent
Y	Atrial fibrillation present	430	1.2
N	No atrial fibrillation present	29381	97.3
.	Missing	372	1.4

Afib_SR	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Q2_2D

Calculated Variable Formula:
if q2_2d='1' then Afib_SR='Y';
else if q2_2d='2' then Afib_SR='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported atrial fibrillation	2420	8.0
N	No reported atrial fibrillation	27371	90.7

.	Missing	392	1.3

AFib_SR_ECG	Source Dataset
	fromwakefperm Foxpro Table 3/13/2009 caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	ECG, CATI
Hard Edits	**SAS Label**
	Atrial Fibrillation (self-report or ECG evidence)

Calculated Variable Formula:
if (Q2_2d='1') or (afib_ecg="Y") then Afib_SR_ECG='Y';
if (Q2_2d='2') and (afib_ecg="N") then Afib_SR_ECG='N';

Code or Value	Description	Frequency	Percent
Y	Atrial fibrillation present	2593	8.6
N	No atrial fibrillation present	26888	89.0
.	Missing	702	2.3

Age	Source Dataset
	CATI
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
id_num = "0238793" Age = **90** id_num = "0250211" Age = **68** id_num = "0250325" Age = **69**	Truncated age (from CATI)

Calculated Variable Formula:
if QDOB>**'01JAN1890'D** then Age=floor((IntDate-QDOB)/**365.25**);

Code or Value	Description	Count
45 to 98	Range of Values	30183
64 [58,71]	Median [IQR]	30183
64.85 (9.43)	Mean (std)	30183
.	Missing	0

Albumin_serum	Source Dataset
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	Albumin (g/dL , from labs formerly from fromVermont)

Calculated Variable Formula:
Albumin_serum = Albumin_serum;

Code or Value	Description	Count
2.5 to 5.6	Range of Values	21034
4.2 [4.0,4.4]	Median [IQR]	21034
4.17 (0.33)	Mean (std)	21034
.	Missing	9149

Albumin_urine	Source Dataset
	SAS Dataset
	urinedata
Hard Edits	**SAS Label**
	Urinary albumin (mg/L, from urine)

Calculated Variable Formula:
Albumin_urine = microalb;

Code or Value	Description	Count
1 to 11300	Range of Values	28710
10 [5,21]	Median [IQR]	28710
58.11 (309.59)	Mean (std)	28710
.	Missing	1473

Alc_Drinks_Wk	Source Dataset
	CATI
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Alcoholic drinks per week (Computed from CATI)

Calculated Variable Formula:

```
if q7_1='2' then Alc_Drinks_Wk=0;
if q7_1='1' then do;
        if q7_2='777' or q7_3='7' then Alc_Drinks_Wk=0;
  else do;
   if q7_5='0' then Alc_Drinks_Wk=0;
     if '101'<=q7_5<='199' then do;
           Alc_Drinks_Wk = (input(q7_5, best12.)-100)*7;
     end;
    if '201'<=q7_5<='299' then Alc_Drinks_Wk=input(q7_5, best12.)-200;
    if '301'<=q7_5<='399' then Alc_Drinks_Wk=(input(q7_5, best12.)-300)/4;
    if '401'<=q7_5<='499' then Alc_Drinks_Wk=(input(q7_5, best12.)-400)/52;
  end;
end;
```

Code or Value	Description	Count
0 to 224	Range of Values	29591
0 [0,1]	Median [IQR]	29591
2.13 (6.29)	Mean (std)	29591
.	Missing	592

Alc_NIAAA	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	SAS Label
	Alcohol use group

Calculated Variable Formula:

```
if qgender='1'
        if Alc_Drinks_Wk = 0 then Alc_NIAAA='None    ';
        if 0<Alc_Drinks_Wk<=14 then Alc_NIAAA='Moderate';
        if 14<Alc_Drinks_Wk then Alc_NIAAA='Heavy';
if qgender='2'
        if Alc_Drinks_Wk = 0 then Alc_NIAAA='None    ';
        if 0<Alc_Drinks_Wk<=7 then Alc_NIAAA='Moderate';
        if 7<Alc_Drinks_Wk then Alc_NIAAA='Heavy';
```

Code or Value	Description	Frequency	Percent
Heavy	7+ drinks per week for women, 14+ drinks for per week for men	1187	3.9
Moderate	0-7 drinks per week for women, 0-14 drinks per week for men	9856	32.6
None	0 drink per week	18547	61.5
Missing	Missing	593	2.0

Alc_Use	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	SAS Label
	Alcohol Use

Calculated Variable Formula:

```
 IF Q7_6='2' THEN Alc_Use='Never  ';
IF Q7_1='1' THEN Alc_Use='Current';
IF Q7_6 NE '2' AND Q7_1 NE '1' THEN Alc_Use='Past';
```

Code or Value	Description	Frequency	Percent
Current	Current alcohol user	15567	51.6
Never	Never used alcohol	9119	30.2
Past	Past alcohol user	5497	18.2

ARICStroke	Source Dataset
	ECG, CATI, and Inhome
	SAS Dataset
	ECG, CATI, and Inhome

Hard Edits	SAS Label
Exclude Individuals with history of Stroke, as defined by * Q1_1=1 (Self Reported History of Stroke) * Defined "History of Heart Disease" as the following: * Q2_2=1 (Self Reported History of MI) * MI_ECG='Y' (History of MI by ECG) * Q3_1=1 (CABG or Bypass) * Q3_5=1 (Angioplasty or Stenting)	ARIC Stroke Risk Score: 10 Year Probability of Ischemic Scroke (%) (Reference: Chambless Am J Epi 2004)

Calculated Variable Formula:

Chambless LE, Heiss G, Shahar E, Earp MJ, Toole J. Prediction of Ischemic Stroke Risk in the Atherosclerosis Risk in Communities Study. Am.J.Epidemiol. 2004;160:259-69.

```
nRAVL=input(RAVL, best12.); if nRAVL=9999 then nRAVL=.;
nSV3 =input(SV3, best12.); if nSV3 =9999 then nSV3 =.;
if gender='M' then do;
   if    .< (nRAVL+nSV3)<2600 then LVH_either='N';
   if 2600<=(nRAVL+nSV3)      then LVH_either='Y';
end;
if gender='F' then do;
  if    .< (nRAVL+nSV3)<2200 then LVH_either='N';
  if 2200<=(nRAVL+nSV3)      then LVH_either='Y';
end;

if Q1_1 = '2' then do;
    if Q2_3c_r in ('0','2') then HRx=0;
    if Q2_3c_r='1' then HRx=1;
    if Race='B' then Black=1;
    if Race='W' then Black=0;
    if SBP ne . then SBPa=(SBP/20);
    if Diab_SRMed_glu='Y' then DM2=1;
    if Diab_SRMed_glu='N' then DM2=0;
    if Smoke ne ' ' then do;
          if Smoke='Current' then Cigs=1; else Cigs=0;
    end;
   if (Q2_2='1') or (MI_ECG='Y') or (Q3_1='1') or (Q3_5='1') then HistoryHD=1;
   if (Q2_2='2') and (MI_ECG='N') and (Q3_1='2') and (Q3_5='2') then HistoryHD=0;
   if LVH_either='Y' then LVH1=1;
  if LVH_either='N' then LVH1=0;
  if Age ne . then Agea=(Age/10);


if gender='M' then do;
          Base10=0.9890724;
          M=6.55671;
          L= (0.80760*Agea)
     +(0.35150*Black)
```

```
    +(0.69317*Cigs)
    +(0.88921*DM2)
    +(0.38612*LVH1)
    +(0.73323*HistoryHD)
    +(0.45442*HRx)
    +(0.36900*SBPa);
        A=L-M;
        B=exp(A);
        P=1-(Base10**B);
        ARICStroke=P*100;
end;


if gender='F' then do;
        Base10=0.99390574;
        M=5.79944;
        L= (0.68910*Agea)
    +(0.41557*Black)
    +(0.80025*Cigs)
    +(1.13710*DM2)
    +(0.80822*LVH1)
    +(0.62988*HistoryHD)
    +(0.40727*HRx)
    +(0.34920*SBPa);
  A=L-M;
        B=exp(A);
        P=1-(Base10**B);
        ARICStroke=p*100;
end;
```

Code or Value	Description	Count
0.18 to 99.92	Range of Values	26270
4.4 [1.91,10.60]	Median [IQR]	26270
8.85 (11.81)	Mean (std)	26270
.	Missing	3913

BirthControl_Meds_SR_ever

Source Dataset	
caticallperm Foxpro Table 05/29/2009	
SAS Dataset	
CATI	
Hard Edits	**SAS Label**
	Self-reported history of birth control pill use

Calculated Variable Formula:
if q5_7= '1' then BirthControl_Meds_SR_ever='Y';
else if q5_7= '2' then BirthControl_Meds_SR_ever= 'N';

Code or Value	Description	Frequency	Percent
Y	History of birth control pill use	9231	30.6
N	No history of birth control pill use	7366	24.4

.	Missing	13586	45.0

BMI	Source Dataset
	Information from the InHome visit
	SAS Dataset
	Whiteforms
Hard Edits	**SAS Label**
Height more than 90 OR less than 36 Weight more than 350 OR less than 75	Body Mass Index - kg/m2(from Whiteforms formerly Inhome)

Calculated Variable Formula:
if (**36**<=Height<=**90**) and (**75**<=Weight<=**350**) then do;
BMI=(Weight*__703__)/(Height*Height);
end;

Code or Value	Description	Count
11.48 to 89.44	Range of Values	29965
28.34 [25.05,32.54]	Median [IQR]	29965
29.32 (6.20)	Mean (std)	29965
.	Missing	218

BMI_Cat	Source Dataset
	ih_page1_perm101 Foxpro Table 05/26/2009 ih_page2_perm101 Foxpro Table 03/16/2009 ih_page3_perm101 Foxpro Table 03/16/2009 ih_page1_perm102 Foxpro Table 05/27/2009 ih_page2_perm102 Foxpro Table 11/26/2008 ih_page3_perm102 Foxpro Table 12/18/2008 pr_page1_perm101 Foxpro Table 10/31/2008 pr_page2_perm101 Foxpro Table 04/13/2009 pr_page1_perm102 Foxpro Table 10/31/2008 pr_page2_perm102 Foxpro Table 04/13/2009
	SAS Dataset
	Whiteforms
Hard Edits	**SAS Label**
	BMI Categories

Calculated Variable Formula:
if **.**< BMI<**18.5** then BMI_Cat='Underweight';
if **18.5**<=BMI<**25.0** then BMI_Cat='Normal';
if **25.0**<=BMI<**30.0** then BMI_Cat='Overweight';
if **30.0**<=BMI then BMI_Cat='Obese';

Code or Value	Description	Frequency	Percent
Underweight	BMI < 18.5	318	1.1
Normal	BMI between 18.5 to 25	7091	23.5
Overweight	BMI between 25 and 30	11057	36.6
Obese	BMI greater or equal to 30	11499	38.1
Missing		218	0.7

Bun	Source Dataset
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	Blood-urea-nitrogen (mg/dL)

Calculated Variable Formula:

Code or Value	Description	Count
1.7 to 147	Range of Values	21034
16 [13,19]	Median [IQR]	21034
16.75 (6.72)	Mean (std)	21034
.	Missing	9149

CAD_aneurysm	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported repair of aortic aneurysm

Calculated Variable Formula:
if q3_3='1' then CAD_aneurysm='Y';
if q3_3='2' then CAD_aneurysm='N';

Code or Value	Description	Frequency	Percent
Y	Self reported of aortic aneurysm	288	1
N	No report of aortic aneurysm	29779	98.6
.	Missing	116	0.4

CAD_SR_ECG	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI, ECG
Hard Edits	**SAS Label**
	History of Heart Disease (self-reported MI, CABG, bypass, angioplasty, or stenting OR evidence of MI via ECG (from CATI and ECG)

Calculated Variable Formula:
if (Q2_2='1') or (MI_ECG='Y') or (Q3_1='1') or (Q3_5='1') then CAD_SR_ECG='Y';
if (Q2_2='2') and (MI_ECG='N') and (Q3_1='2') and (Q3_5='2') then CAD_SR_ECG='N';

Code or Value	Description	Frequency	Percent
Y	History of Heart Disease OR evidence of MI via ECG	5314	17.6
N	No History of Heart Disease OR evidence of MI via ECG	24297	80.5
.	Missing	572	1.9

CAD_stent	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported angioplasty or stenting of a coronary artery

Calculated Variable Formula:
if q3_5= '1' then CAD_Stent = 'Y';
if q3_5='2' then CAD_Stent ='N';

Code or Value	Description	Frequency	Percent
Y	Self reported of angioplasty or stenting of a coronary artery	2201	7.3
N	No report of angioplasty or stenting of a coronary artery	27888	92.4
.	Missing	94	0.3

CAD_surg_heart	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported coronary bypass surgery (CATI Q3_1)

Calculated Variable Formula:
if q3_1='1' then CAD_surg_heart = 'Y';
if q3_1='2' then CAD_surg_heart='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of cororany bypass surgery	1693	5.6
N	No report of cororany bypass surgury	28461	94.3
.	Missing	29	0.1

Cancer	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset

	CATI
Hard Edits	**SAS Label**
	Have you ever been diagnosed with cancer (from CATI Qcancer)

Calculated Variable Formula:
if QCANCER='1' then Cancer='Y';
if QCANCER='2' then Cancer='N';

Code or Value	Description	Frequency	Percent
Y	Had been diagnosed with cancer	2651	8.8
N	Never diagnosed with cancer	15427	51.1
.	Missing	12105	40.1

CESD

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Calculated from Q11_1 - Q11_4 (from CATI)

Calculated Variable Formula:
IF Q11_1 IN ('8','9') THEN Q11_1NUM=**.**;
ELSE Q11_1NUM=input(Q11_1, best12.)-**1**;
IF Q11_2 IN ('8','9') THEN Q11_2NUM=**.**;
ELSE Q11_2NUM=input(Q11_2, best12.)-**1**;
IF Q11_3 IN ('8','9') THEN Q11_3NUM=**.**;
ELSE Q11_3NUM=input(Q11_3, best12.)-**1**;
IF Q11_4 IN ('8','9') THEN Q11_4NUM=**.**;
ELSE Q11_4NUM=input(Q11_4, best12.)-**1**;

CESD=SUM(Q11_1NUM,Q11_2NUM,Q11_3NUM,Q11_4NUM);

Code or Value	Description	Frequency	Percent
0	**CESD score of 0**	18123	60.0
1	**CESD score of 1**	4244	14.1
2	**CESD score of 2**	2521	8.4
3	**CESD score of 3**	1731	5.7
4	**CESD score of 4**	1047	3.5
5	**CESD score of 5**	637	2.1
6	**CESD score of 6**	521	1.7
7	**CESD score of 7**	350	1.2
8	**CESD score of 8**	272	0.9
9	**CESD score of 9**	234	0.8
10	**CESD score of 10**	120	0.4
11	**CESD score of 11**	94	0.3
12	**CESD score of 12**	74	0.2
.	Missing	215	0.7

Cholest

	Source Dataset

	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	Total Cholesterol (mg/dL, from labs formerly from fromVermont)

Calculated Variable Formula:
Cholest =chol;

Code or Value	Description	Count
64 to 532	Range of Values	28880
189 [164,216]	Median [IQR]	28880
192.09 (40.14)	Mean (std)	28880
.	Missing	1303

CogScore	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Computed cognitive score

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent
0	Cognitive Score of 0	13	0.0
1	Cognitive Score of 1	23	0.1
2	Cognitive Score of 2	60	0.2
3	Cognitive Score of 3	432	1.4
4	Cognitive Score of 4	1418	4.7
5	Cognitive Score of 5	4910	16.3
6	Cognitive Score of 6	17592	58.3
.	Missing	5735	19

CogStatus	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Cognitive Status

Calculated Variable Formula:
IF CogScore LE 4 THEN CogStatus='Impaired';
IF CogScore > 4 THEN CogStatus='Normal';

Code or Value	Description	Frequency	Percent

Normal	**Have cognitive score > 4**	22502	74.5
Impaired	**Have cognitive score <= 4**	1946	6.5
.	Missing	5735	19

Creatinine_serum	**Source Dataset**
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	IDMS Calibrated Creatinine (mg/dL)

Calculated Variable Formula:
Creatinine_serum=-**0.0656**+**0.953***Crea;

Code or Value	Description	Count
0.22 to 16.54	Range of Values	28878
0.85 [0.696,0.983]	Median [IQR]	28878
0.92 (0.512)	Mean (std)	28878
.	Missing	1305

Creatinine_urine	**Source Dataset**
	SAS Dataset
	Urinedata
Hard Edits	**SAS Label**
	Urinary creatinine (mg/dL from urine)

Calculated Variable Formula:
Creatinine_urine=urine_creat;

Code or Value	Description	Count
1 to 852	Range of Values	28784
122 [78,175]	Median [IQR]	28784
133.73 (78.8)	Mean (std)	28784
.	Missing	1399

Crp	**Source Dataset**
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	C reactive protein (mg/L, from labs formerly from fromVermont)

Calculated Variable Formula:

Code or Value	Description	Count

0.15 to 353	Range of Values	28229
2.22 [0.96,5.05]	Median [IQR]	28229
4.65 (8.7)	Mean (std)	28229
.	Missing	1954

Cysc	**Source Dataset**
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	Cystatin C (mg/L, from labs formerly fromVermont)

Calculated Variable Formula:

Code or Value	Description	Count
0.05 to 11.14	Range of Values	28209
0.9 [0.78,1.07]	Median [IQR]	28209
0.988 (0.456)	Mean (std)	28209
.	Missing	1974

DBP	**Source Dataset**
	Information from the InHome visit
	SAS Dataset
	Whiteforms
Hard Edits	**SAS Label**
	Diastolic blood pressure - average of two measures (mmHg from whiteforms formerly inhome)

Calculated Variable Formula:
DBP=mean(FirstDBP,SecondDBP);

Code or Value	Description	Count
20 to 143	Range of Values	30096
78 [70,82]	Median [IQR]	30096
76.54 (9.72)	Mean (std)	30096
.	Missing	87

Diab_SRMed_glu	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009 (CATI) *Labs* Excel spreadsheet from Vermont 4/17/09(Labs) ih_page1_perm101 Foxpro Table 05/26/2009 ih_page2_perm101 Foxpro Table 03/16/2009 ih_page3_perm101 Foxpro Table 03/16/2009 ih_page1_perm102 Foxpro Table 05/27/2009 ih_page2_perm102 Foxpro Table 11/26/2008

	ih_page3_perm102 Foxpro Table 12/18/2008 pr_page1_perm101 Foxpro Table 10/31/2008 pr_page2_perm101 Foxpro Table 04/13/2009 pr_page1_perm102 Foxpro Table 10/31/2008 pr_page2_perm102 Foxpro Table 04/13/2009
	SAS Dataset
	CATI, Labs, Whiteforms
Hard Edits	**SAS Label**
	Diabetic if fasting glucose>=126/non-fasting glucose>=200 or pills or insulin

Calculated Variable Formula:
if q2_1b1_r='1' or q2_1b2_r='1' then Diab_SRMed_glu='Y'; else
if fasted in ('Y','N') and Glucose>**0** and q2_1b1_r in ('0','1','2') and q2_1b2_r in ('0','1','2') then do;
if (fasted='Y' and Glucose>=**126**) or (fasted='N' and Glucose>=**200**) then Diab_SRMed_glu='Y';
else Diab_SRMed_glu='N';

Code or Value	Description	Frequency	Percent
Y	Diabetic: fasting glucose>=126/non-fasting glucose>=200 or taking pills or insulin	6398	21.2
N	Not Diabetic	22654	75.1
.	Missing	1131	3.7

Diabetes_Meds_SR_insulin

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported diabetes and taking insulin (CATI Q2_1B2)

Calculated Variable Formula:
if q2_1b2='1' then Diabetes_Meds_SR_insulin='Y';
if q2_1b2='2' then Diabetes_Meds_SR_insulin ='N';

Code or Value	Description	Frequency	Percent
Y	Self reported of diabetes and taking insulin	1716	5.7
N	No report of diabetes and taking insulin	27044	89.6
.	Missing	1423	4.7

Diabetes_Meds_SR_pills

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**

	Self-reported diabetes and taking glucose lowering pills

Calculated Variable Formula:
if q2_1b1= '1' then Diabetes_Meds_SR_pills = 'Y';
if q2_1b1='2' then Diabetes_Meds_SR_pills ='N';

Code or Value	Description	Frequency	Percent
Y	Self reported of diabetes and taking glucose lowering pills	4530	15
N	No report of diabetes and taking glucose lowering pills	24230	80.3
.	Missing	1423	4.7

Diabetes_SR	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported diabetes

Calculated Variable Formula:
if q2_1='1' then Diabetes_SR ='Y';
if q2_1='2' then Diabetes_SR ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of diabetes	6814	22.6
N	No report of diabetes	23267	77.1
.	Missing	102	0.3

Diabetes_SR_preg	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported diabetes when pregnant

Calculated Variable Formula:
if q2_1a='1' then Diabetes_SR_preg ='Y';
if q2_1a='2' then Diabetes_SR_preg='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of diabetes when pregnant	141	0.5
N	No report of diabetes when pregnant	3517	11.7
.	Missing or not asked	26525	87.9

Dialysis_SR	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009

	SAS Dataset
	CATI
Hard Edits	SAS Label
	Self-reported dialysis (CATI Q2_1B4)

Calculated Variable Formula:
if q2_1b4= '1' then Dialysis_SR ='Y'; if q2_1b4='2' then Dialysis_SR ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of dialysis	116	0.4
N	No report of dialysis	29880	99.0
.	Missing	187	0.6

DVT_SR

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	SAS Label
	Self-reported deep vein thrombosis (CATI Q2_2I)

Calculated Variable Formula:
if Q2_2I= '1' then DVT_SR='Y'; if Q2_2I='2' then DVT_SR ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of deep vein thrombosis	1582	5.3
N	No report of deep vein thrombosis	28494	94.4
.	Missing	107	0.4

ED_Cat

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	SAS Label
	Education Categories

Calculated Variable Formula:
if '11'<=q12_4<='13' then ED_Cat='Less than high school';
if '14'=q12_4 then ED_Cat='High school graduate';
if '15'<=q12_4<='17' then ED_Cat='Some college';
if '18'<=q12_4<='19' then ED_Cat='College graduate and above';

Code or Value	Description	Frequency	Percent
Less than high school	Have less than high school education	3792	12.6
High school graduate	High school graduate	7804	25.9

Some college	Have some college education	8090	26.8
College graduate and above	College graduate and above	10472	34.7
.	Missing	25	0.1

EGFR_CKDEPI	**Source Dataset**
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	estimated GFR from the CKD-Epi equation (Ref: Levey et al. Annals of Int Med 2009)

Calculated Variable Formula:

```
women=0;black=0;
if race="B" then black=1;if gender="F" then women=1;
if black=1 and women=1 and creatinine_serum<=0.7 then
   EGFR_CKDEPI =166*((creatinine_serum/0.7)**(-0.329))*(0.993**(age));
if black=1 and women=1 and creatinine_serum>0.7  then
   EGFR_CKDEPI =166*((creatinine_serum/0.7)**(-1.209))*(0.993**(age));
if black=1 and women=0 and creatinine_serum<=0.9 then
   EGFR_CKDEPI =163*((creatinine_serum/0.9)**(-0.411))*(0.993**(age));
if black=1 and women=0 and creatinine_serum>0.9  then
   EGFR_CKDEPI =163*((creatinine_serum/0.9)**(-1.209))*(0.993**(age));
if black=0 and women=1 and creatinine_serum<=0.7 then
   EGFR_CKDEPI =144*((creatinine_serum/0.7)**(-0.329))*(0.993**(age));
if black=0 and women=1 and creatinine_serum>0.7  then
   EGFR_CKDEPI =144*((creatinine_serum/0.7)**(-1.209))*(0.993**(age));
if black=0 and women=0 and creatinine_serum<=0.9 then
   EGFR_CKDEPI =141*((creatinine_serum/0.9)**(-0.411))*(0.993**(age));
if black=0 and women=0 and creatinine_serum>0.9  then
   EGFR_CKDEPI=141*((creatinine_serum/0.9)**(-1.209))*(0.993**(age));
```

Code or Value	Description	Count
3.38 to 151.88	Range of Values	28878
87.7 [73.22,98.61]	Median [IQR]	28878
84.98 (20.34)	Mean (std)	28878
.	Missing	1305

EGFR_MDRD	**Source Dataset**
	CATI, urinedata
	SAS Dataset
	CATI, urinedata
Hard Edits	**SAS Label**
	Glomerular Filtration Rate (mL/min/1.73 square meters) using IDMS calibrated creatinine and MDRD equation

Calculated Variable Formula:

```
EGFR_MDRD=175*(Creatinine_serum**(-1.154))*(Age**(-0.203));
if gender='F' then EGFR_MDRD=EGFR_MDRD*0.742;
if Race='B' then EGFR_MDRD=EGFR_MDRD*1.212;
```

Code or Value	Description	Count
3.74 to 318.85	Range of Values	28878
84.83 [70.88,99.74]	Median [IQR]	28878
85.37 (23.9)	Mean (std)	28878
.	Missing	1305

ESRD_immediate	Source Dataset
	SAS Dataset
Hard Edits	SAS Label
	Immediate family had kidney failure

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent
Y	Immediate family had kidney failure	2109	7.0
N	Immediate family did not have kidney failure	19485	64.6
.	Missing	8589	28.4

Exercise_cat	Source Dataset
	CATI, urinedata
	SAS Dataset
	CATI
Hard Edits	SAS Label
	Times per week of exercise (Computed from CATI)

Calculated Variable Formula:

```
q8_1=left(q8_1);
num_q8_1=input(q8_1, best12.);
if num_q8_1=777 then num_q8_1=0;
if num_q8_1=888 or num_q8_1=999 or 20<=num_q8_1<=776 then num_q8_1=.;
if num_q8_1=0 then Exercise_cat='None';
if 1<=num_q8_1<=3 then Exercise_cat='1 to 3 time per week';
if 4<=num_q8_1<=20 then Exercise_cat='4 or more per week';
```

Code or Value	Description	Frequency	Percent
None	No exercise	10240	34.0
1 to 3 time per week	Exercised 1 to 3 times per week	10695	35.4
4 or more per week	Exercised 4 or more times per week	8798	29.1
.	Missing	450	1.5

Falls	Source Dataset

	CATI, urinedata
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported fall in the past year (CATI Q8_3)

Calculated Variable Formula:
if q8_3='1' then Falls='Y';
if q8_3='2' then Falls='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of falling in past year	4926	16.3
N	No report of falling in past year	25180	83.4
.	Missing	77	0.3

Falls_number

	Source Dataset
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Number of times fallen in the past year (CATI Q8_3A)

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent

Fasted

	Source Dataset
	ih_page1_perm101 Foxpro Table 05/26/2009 ih_page2_perm101 Foxpro Table 03/16/2009 ih_page3_perm101 Foxpro Table 03/16/2009 ih_page1_perm102 Foxpro Table 05/27/2009 ih_page2_perm102 Foxpro Table 11/26/2008 ih_page3_perm102 Foxpro Table 12/18/2008 pr_page1_perm101 Foxpro Table 10/31/2008 pr_page2_perm101 Foxpro Table 04/13/2009 pr_page1_perm102 Foxpro Table 10/31/2008 pr_page2_perm102 Foxpro Table 04/13/2009
	SAS Dataset
	Whiteforms
Hard Edits	**SAS Label**
	Has the participant fasted? (from Whiteforms formerly Inhome)

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent
Y	Fasted	25862	85.7
N	Not fasted	4098	13.6
.	Missing	223	0.7

Fram_CHD	Source Dataset
	CATI, InHome, ECG, Labs
	SAS Dataset
	CATI, InHome, ECG, Labs
Hard Edits	**SAS Label**
Exclude Individuals with “History of CHD" defined by the following: * Q2_2=1 (Self Reported History of MI) * MI_ECG='Y' (History of MI by ECG) * Q3_1=1 (CABG or Bypass) * Q3_5=1 (Angioplasty or Stenting)	Framingham CHD Hard Event Risk Score: Risk of Coronary Death or MI over 10 Years (among those free of CHD at baseline)

Calculated Variable Formula:

Wilson PWF, D'Agostino RB, Levy D, Belanger AM, Silbershatz H, Kannel WB. Prediction of Coronary Heart Disease Using Risk Factor Categories. Circulation 1998; 97(18):1837-1847. Article updated with JNC-V Blood Pressure Categories: D'Agostino S, Grundy S, Sullivan LM, Wilson P, for the CHD Risk Prediction Group. Validation of the Framingham Coronary Heart Disease Prediction Scores: Results of a Multiple Ethnic Groups Investigation. JAMA 2001; 286(2):180-187.

```
if (Q2_2='1') or (MI_ECG='Y') or (Q3_1='1') or (Q3_5='1') then Fram_CHD=.;
else do;
 if Diab_SRMed_glu='Y' then DM2=1;
 if Diab_SRMed_glu='N' then DM2=0;
 if Smoke ne ' ' then do;
    if Smoke='Current' then Cigs=1;
                       else Cigs=0;
 end;
 if gender='M' then do;
   if SBP ne . and DBP ne . then do;
      if SBP <  120 and DBP <   80 then Beta_BP = 0.09; else
      if SBP <  130 and DBP <   85 then Beta_BP = 0.00; else
      if SBP <  140 and DBP <   90 then Beta_BP = 0.42; else
      if SBP <  160 and DBP <  100 then Beta_BP = 0.66; else Beta_BP = 0.90;
   end;
   if Cholest ne . then do;
      if Cholest < 160 then Beta_TC = -0.38; else
      if Cholest < 200 then Beta_TC = 0.00; else
      if Cholest < 240 then Beta_TC = 0.57; else
      if Cholest < 280 then Beta_TC = 0.74; else Beta_TC = 0.83;
   end;
   if HDL ne . then do;
      if HDL < 35 then Beta_HDL = 0.61; else
      if HDL < 45 then Beta_HDL = 0.37; else
      if HDL < 50 then Beta_HDL = 0.0; else
```

```
    if HDL < 60 then Beta_HDL = 0.0; else Beta_HDL = -0.46;
   end;
   Base10=0.920;
   M=(48.3*0.05)+                                    /*AGE*/
  (0.20*0.09)+(0.24*0.00)+(0.20*0.42)+(0.23*0.66)+(0.13*0.90)+   /*BP*/
  (0.07*(-0.38))+(0.31*0.00)+(0.39*0.57)+(0.17*0.74)+(0.06*0.83)+ /*Chol*/
  (0.19*0.61)+(0.36*0.37)+(0.15*0.00)+(0.19*0.00)+(0.11*-0.46)+   /*HDL*/
  (0.05*0.53)+                                      /*Diabetes*/
  (0.40*0.73);                                    /*Current Smoking*/
   L=(Age*0.05) + Beta_BP + Beta_TC + Beta_HDL + (DM2*0.53) + (Cigs*0.73);
   A=L-M;
   B=Exp(A);
   p=1-(Base10**B);
   Fram_CHD=p*100;
end;

if gender='F' then do;
   if SBP ne . and DBP ne . then do;
     if SBP <  120 and DBP <   80 then Beta_BP = -0.74; else
     if SBP <  130 and DBP <   85 then Beta_BP = 0.00; else
     if SBP <  140 and DBP <   90 then Beta_BP = -0.37; else
     if SBP <  160 and DBP <  100 then Beta_BP = 0.22; else Beta_BP = 0.61;
   end;
   if Cholest ne . then do;
     if Cholest < 160 then Beta_TC = -0.21; else
     if Cholest < 200 then Beta_TC = 0.00; else
     if Cholest < 240 then Beta_TC = 0.44; else
     if Cholest < 280 then Beta_TC = 0.56; else Beta_TC = 0.89;
   end;
   if HDL ne . then do;
     if HDL < 35 then Beta_HDL = 0.73; else
     if HDL < 45 then Beta_HDL = 0.60; else
     if HDL < 50 then Beta_HDL = 0.60; else
     if HDL < 60 then Beta_HDL = 0.00; else Beta_HDL = -0.54;
   end;
   Base10=0.972;
   M=(49.6*0.17)+                                    /*AGE*/
  (49.6*49.6*(-0.001))+                            /*AGE SQUARED*/
  (0.35*(-0.74))+(0.21*0.00)+(0.15*(-0.37))+(0.19*0.22)+(0.10*0.61)+ /*BP*/
  (0.08*(-0.21))+(0.30*0.00)+(0.33*0.44)+(0.20*0.56)+(0.09*0.89)+  /*Chol*/
  (0.04*0.73)+(0.15*0.60)+(0.12*0.60)+(0.28*0.00)+(0.41*(-0.54))+   /*HDL*/
  (0.04*0.87)+                                      /*Diabetes*/
  (0.38*0.98);                                    /*Current Smoking*/
   L=(Age*0.17) + (Age*Age*(-0.001)) + Beta_BP + Beta_TC + Beta_HDL + (DM2*0.87) + (Cigs*0.98);
   A=L-M;
   B=Exp(A);
   p=1-(Base10**B);
   Fram_CHD=p*100;
end;
end;
```

Code or Value	Description	Count
0.278 to 89.48	Range of Values	23440
6.9 [3.45,12.92]	Median [IQR]	23440
9.84 (9.51)	Mean (std)	23440

.	Missing	6743

Fram_stroke	Source Dataset
	CATI, InHome, ECG, Labs
	SAS Dataset
	CATI, InHome, ECG

Hard Edits	SAS Label
Exclude Individuals with history of Stroke, as defined by * Q1_1=1 (Self Reported History of Stroke) Defined "History of Heart Disease" as the following: * Q2_2=1 (Self Reported History of MI) * MI_ECG='Y' (History of MI by ECG) * Q3_1=1 (CABG or Bypass) * Q3_5=1 (Angioplasty or Stenting)	Framingham Stroke Risk Score: 10 Year Probability of Stroke (%) (among those who self-reported never having a stroke at baseline)

Calculated Variable Formula:

D'Agostino RB, Wolf PA, Belanger AJ, Kannel WB. Stroke risk profile: adjustment for antihypertensive medication. The Framingham Study. Stroke 1994; 25(1):40-43.
Wolf PA, D'Agostino RB, Belanger AJ, Kannel WB. Probability of stroke: a risk profile from the Framingham Study. Stroke 1991; 22(3):312-318
Values for Base10, and the M and L Calculations provided by Framingham Study's Lisa Sullivan, PhD (lsull@bsu.edu

```
if Q1_1='2' then do;
  if Q2_3c_r in ('0','2') then HRx=0;
  if Q2_3c_r='1' then HRx=1;
  if SBP ne . then do;
    if 110 le SBP le 200 then NEWHRXSBP=(HRx*(SBP-110)*(200-SBP));
    else NEWHRXSBP=0;
  end;
  if Diab_SRMed_glu='Y' then DM2=1;
  if Diab_SRMed_glu='N' then DM2=0;
  if Smoke ne ' ' then do;
     if Smoke='Current' then Cigs=1;
          else Cigs=0;
  end;
  if (Q2_2='1') or (MI_ECG='Y') or (Q3_1='1') or (Q3_5='1') then HistoryHD=1;
  if (Q2_2='2') and (MI_ECG='N') and (Q3_1='2') and (Q3_5='2') then HistoryHD=0;
  if (Q2_2d='1') or (afib_ecg="Y") then AF=1;
  if (Q2_2d='2') and (afib_ecg="N") then AF=0;
  if LVH_either='Y' then LVH1=1;
  if LVH_either='N' then LVH1=0;
  * MALES ;
  if gender='M' then do;
  * Values for Base10, and the M and L Calculations provided by Framingham Study's
  Lisa Sullivan, PhD (lsull@bsu.edu);
  Base10=0.90156;
  M=(0.048771*65.4225293)+(0.015153*139.2257119)+(0.000189*248.7939698)+
(0.546040*0.2219430)+(0.786438*0.0347571)+(0.522355*0.3391960)+(0.599843*0.0280570)+
(0.342942*0.105964);
 L=(0.048771*Age)+(0.015153*SBP)+(0.000189*NEWHRXSBP)+(0.546040*HistoryHD)
+(0.786438*LVH1)+(0.522355*Cigs)+(0.599843*AF)+(0.342942*DM2);
```

A=L-M;
B=exp(A);
P=**1**-(Base10**B);
Fram_stroke=P***100**;
end;

* FEMALES ;
if gender='F' then do;
* Values for Base10, and the M and L Calculations provided by Framingham Study's
Lisa Sullivan, PhD (lsull@bsu.edu);
Base10=**0.93137**;
M=(**0.069904***66.1255156**)+(**0.016066***142.8161461**)+(**0.000257***379.1644078**)+
(**0.440418***0.1420153**)+(**0.805540***0.0293164**)+(**0.541916***0.2610489**)+(**1.117317***0.0212139**)+
(**0.560429***0.0777843**);
L=(**0.069904***Age)+(**0.016066***SBP)+(**0.000257***NewHRxSBP)+(**0.440418***HistoryHD)
+(**0.805540***LVH1)+(**0.541916***Cigs)+(**1.117317***AF)+(**0.560429***DM2);
A=L-M;
B=exp(A);
P=**1**-(Base10**B);
Fram_stroke=p***100**; end; end;

Code or Value	Description	Count
0.449 to 99.98	Range of Values	25987
6.50 [3.47,12.42]	Median [IQR]	25987
10.00 (10.61)	Mean (std)	25987
.	Missing	4196

Gen_SR_Health

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported general health (CATI Q9_1)

Calculated Variable Formula:
if q9_1='2' then Gen_SR_Health='Very good';
if q9_1='1' then Gen_SR_Health='Excellent';
if q9_1='3' then Gen_SR_Health='Good';
if q9_1='4' then Gen_SR_Health='Fair';
if q9_1='5' then Gen_SR_Health='Poor';

Code or Value	Description	Frequency	Percent
Excellent	Self-reported of excellent health	4804	16
Very good	Self-reported of very good health	9167	30
Good	Self-reported of good health	10575	35
Fair	Self-reported of fair health	4510	15
Poor	Self-reported of poor health	1064	3.6
.	Missing	63	0.2

Gender

Source Dataset
caticallperm Foxpro Table 05/29/2009

	SAS Dataset
	CATI
Hard Edits	**SAS Label**
if QGENDER=' ' and id_num='0223861' then Gender='F';	Self-reported gender (from CATI Qgender)

Calculated Variable Formula:
if QGENDER='1' then Gender='M';
if QGENDER='2' then Gender='F';

Code or Value	Description	Frequency	Percent
F	Female	16632	55.1
M	Male	13551	44.9

Glucose

	SAS Dataset
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	Glucose (mg/dL from labs formerly from fromVermont)

Calculated Variable Formula:
Glucose = sgl;

Code or Value	Description	Count
22 to 699	Range of Values	28876
95 [87,107]	Median [IQR]	28876
104.59 (36.83)	Mean (std)	28876
.	Missing	1307

Hct

	SAS Dataset
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	Hematocrit (%, from labs formerly from fromVermont)

Calculated Variable Formula:

Code or Value	Description	Count
16.2 to 75.1	Range of Values	19886
40.5 [37.8,43.2]	Median [IQR]	19886
40.47 (4.18)	Mean (std)	19886
.	Missing	10297

Hdl

	SAS Dataset

	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	HDL Cholesterol (mg/dL, from labs formerly from fromVermont)

Calculated Variable Formula:

Code or Value	Description	Count
5 to 199	Range of Values	28730
49 [40,61]	Median [IQR]	28730
51.79 (16.17)	Mean (std)	28730
.	Missing	1453

Heartrate	**Source Dataset**
	ECG
	SAS Dataset
	ECG
Hard Edits	**SAS Label**
	Heart rate (beats per minute, from ECG)

Calculated Variable Formula:
Heartrate= input(hr, best12.);

Code or Value	Description	Count
0 to 999	Range of Values	29811
65 [59,74]	Median [IQR]	29811
67.3 (23.86)	Mean (std)	29811
.	Missing	372

Height	**Source Dataset**
	Information from InHome Visit
	SAS Dataset
	Whiteforms
Hard Edits	**SAS Label**
	Height (from Whiteforms formerly In-Home)

Calculated Variable Formula:

Code or Value	Description	Count
9.5 to 270.5	Range of Values	30088
66.5 [64,69.75]	Median [IQR]	30088
66.75 (4.16)	Mean (std)	30088
.	Missing	95

HF_Pillows	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	SAS Label
	Require more than one pillow to sleep at night (CATI Q2_2E)

Calculated Variable Formula:
if q2_2e='1' then HF_Pillows='Y';
if q2_2e='2' then HF_Pillows='N';

Code or Value	Description	Frequency	Percent
Y	Require more than one pillow to sleep	3512	11.6
N	Does not require more than one pillow to sleep	26605	88.1
.	Missing	66	0.2

HF_WakeNight	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	SAS Label
	Participant wakes at night due to trouble breathing (CATI Q2_2F)

Calculated Variable Formula:
if q2_2f='1' then HF_WakeNight='Y';
if q2_2f='2' then HF_WakeNight='N';

Code or Value	Description	Frequency	Percent
Y	Participant wakes up at night due to trouble breathing	2803	9.3
N	Participant does not wake up at night due to trouble breathing	27270	90.3
.	Missing	110	0.4

Hgb	Source Dataset
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**

	Hemoglobin (g/dL, from labs formerly from fromVermont)

Calculated Variable Formula:

Code or Value	Description	Count
5.6 to 25.3	Range of Values	19881
13.6 [12.7,14.6]	Median [IQR]	19881
13.65 (1.46)	Mean (std)	19881
.	Missing	10302

HRT_Meds_SR

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported use of hormone replacement therapy (CATI Q5_8)

Calculated Variable Formula:
if q5_8='1' then HRT_Meds_SR ='Y';
if q5_8='2' then HRT_Meds_SR ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of use of hormone replacement therapy	9161	30.3
N	No report of use of hormone replacement therapy	7399	24.5
.	Missing	13623	45.1

Hyper_Meds_SR_ever

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported ever having used anti-hypertensive medication (CATI Q2_3B)

Calculated Variable Formula:
if q2_3b='1' then Hyper_Meds_SR_ever='Y';
if q2_3b='2' then Hyper_Meds_SR_ever ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of having used anti-hypertensive medication	16564	54.9
N	No report of having used anti-hypertensive medication	13276	44.0
.	Missing	343	1.1

Hyper_Meds_SR_now

	Source Dataset
	caticallperm Foxpro Table 05/29/2009

	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported current use of anti-hypertensive medication (CATI Q2_3C)

Calculated Variable Formula:
if q2_3c='1' then Hyper_Meds_SR_now ='Y';
if q2_3c='2' then Hyper_Meds_SR_now='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of currently using anti-hypertensive medication	15551	51.5
N	No report of currently using anti-hypertensive medication	13445	44.5
.	Missing	1187	4.0

Hyper_SR

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported hypertension (CATI Q2_3)

Calculated Variable Formula:
if q2_3='1' then Hyper_SR = 'Y';
if q2_3='2' then Hyper_SR ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported hypertension	17570	58.2
N	No report of hypertension	12464	41.3
.	Missing	149	0.5

Hyper_SRmeds_BP

Source Dataset
caticallperm Foxpro Table 05/29/2009 ih_page1_perm101 Foxpro Table 05/26/2009 ih_page2_perm101 Foxpro Table 03/16/2009 ih_page3_perm101 Foxpro Table 03/16/2009 ih_page1_perm102 Foxpro Table 05/27/2009 ih_page2_perm102 Foxpro Table 11/26/2008 ih_page3_perm102 Foxpro Table 12/18/2008 pr_page1_perm101 Foxpro Table 10/31/2008 pr_page2_perm101 Foxpro Table 04/13/2009 pr_page1_perm102 Foxpro Table 10/31/2008 pr_page2_perm102 Foxpro Table 04/13/2009
SAS Dataset
CATI, Whiteforms

Hard Edits	**SAS Label**
	Hypertensive if SBP>=140 or DBP>=90 or self-reported current medication use to control blood pressure

Calculated Variable Formula:
if Q2_3c_r='1' then Hyper_SRmeds_BP='Y'; else
if **50**<=SBP<=**250** and **30**<=DBP<=**200** and Q2_3c_r in ('0','1','2') then do;
if SBP>=**140** or DBP>=**90** then Hyper_SRmeds_BP ='Y';
else Hyper_SRmeds_BP ='N';

Code or Value	Description	Frequency	Percent
Y	Hypertensive	17847	59.1
N	Not hypertensive	12262	40.6
		74	0.3

Income

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Income (based on Q12_16a - Q12_16i from CATI)

Calculated Variable Formula:
if q12_16e='1' then Income=**1**; /* <5K */
if q12_16d='1' and q12_16e='2' then Income=**2**; /* 5-10K */
if q12_16c='1' and q12_16d='2' then Income=**3**; /* 10-15K */
if q12_16b='1' and q12_16c='2' then Income=**4**; /* 15-20K */
if q12_16a='1' and q12_16b='2' then Income=**5**; /* 20-25K */
if q12_16a='2' and q12_16f='2' then Income=**6**; /* 25-35K */
if q12_16f='1' and q12_16g='2' then Income=**7**; /* 35-50K */
if q12_16g='1' and q12_16h='2' then Income=**8**; /* 50-75K */
if q12_16h='1' and q12_16i='2' then Income=**9**; /* 75-150K */
if q12_16i='1' then Income=**10**; /* >150K */

Code or Value	Description	Frequency	Percent
1	**< 5K**	280	0.9
2	**5-10K**	937	3.1
3	**10-15K**	1764	5.9
4	**15-20K**	2497	8.3
5	**20-25K**	2889	9.6
6	**25-35K**	4418	14.6
7	**35-50K**	4712	15.6
8	**50-75K**	4202	13.9
9	**75-150K**	3872	12.8
10	**>150K**	881	2.9
.	Missing	3730	12.4

Income_4cat

	Source Dataset
	caticallperm Foxpro Table 05/29/2009

	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Income Categories Based on Income (Derived from CATI)

Calculated Variable Formula:
Income_4cat='Refused';
if **1**<=Income<=**4** then Income_4cat='less than $20k';
if **5**<=Income<=**6** then Income_4cat='$20k-$34k';
if **7**<=Income<=**8** then Income_4cat='$35k-$74k';
if **9**<=Income<=**10** then Income_4cat='$75k and above';

Code or Value	Description	Frequency	Percent
less than $20k	less than $20k	5478	18.2
$20k-$34k	$20k-$34k	7307	24.2
$35k-$74k	$35k-$74k	8914	29.5
$75k and above	$75k and above	4754	15.7
Refused	Refused to answer	3730	12.4

InHomeDate

	Source Dataset
	Information from the InHome Visit
	SAS Dataset
	WhiteForms
Hard Edits	**SAS Label**
	Date of in home vist (from Whiteforms formerly inhome)

Code or Value	Description	Count Percent
05FEB2003 to 30OCT2007	Range of Values	30169
.	Missing	14

Insurance

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Participant has health insurance (CATI Q12_3)

Calculated Variable Formula:
if q12_3='1' then Insurance='Y';
if q12_3='2' then Insurance ='N';

Code or Value	Description	Frequency	Percent
Y	Have health insurance	28149	93.3
N	Does not have health insurance	2005	6.6
.	Missing	29	0.1

IntDate	Source Dataset
	Caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Date of CATI baseline interview (from CATI)

Code or Value	Description	Count Percent
25JAN2003 to 03OCT2007	Range of Values	30177
.	Missing	6

KidneyFailure_SR	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported kidney failure

Calculated Variable Formula:
if Q2_1B3='1' then KidneyFailure_SR ='Y';
if Q2_1B3='2' then KidneyFailure_SR ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of kidney failure	546	1.8
N	No report of kidney failure	29452	97.6
.	Missing	185	0.6

Ldl	Source Dataset
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	LDL Cholesterol (mg/dL, from labs formerly from fromVermont)

Calculated Variable Formula:

Code or Value	Description	Count
3 to 388	Range of Values	28328
111 [90,135]	Median [IQR]	28328
113.93 (34.80)	Mean (std)	28328
.	Missing	1855

Lipidemia_Meds_Labs	Source Dataset
	caticallperm Foxpro Table 05/29/2009 (CATI) Labs Excel spreadsheet from Vermont 4/17/09 (Labs)

	SAS Dataset
	CATI, Labs
Hard Edits	SAS Label
	Dyslipidemia

Calculated Variable Formula:
if q2_4='2' then onlipidmeds=**0**;
if q2_4='1' then do; if q2_4a='1' then onlipidmeds=**1**; if q2_4a='2' then onlipidmeds=**0**;
if onlipidmeds=**1** or cholest>=**240** or ldl>=**160** or **0**<hdl<=**40** then Lipidemia_meds_labs ='Y';
if onlipidmeds=**0** and **0**<cholest<**240** and **0**<ldl<**160** and hdl>**40** then Lipidemia_meds_labs ='N';

Code or Value	Description	Frequency	Percent
Y	Have dyslipidemia: TC>=240 or LDL>=160 or HDL<=40 or on medication	17228	57.1
N	Does not have dyslipidemia	11817	39.1
.	Missing	1138	3.8

Lipidemia_SR

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported eleveated lipids (CATI Q2_4)

Calculated Variable Formula:
if q2_4='1' then Lipidemia_SR ='Y'; if q2_4='2' then Lipidemia_SR ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of lipidemia	15698	52
N	No report of lipidemia	14192	47
		293	1

Lipidemia_SR_Meds

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported use of lipid lowering medication only in those answering yes to having lipidemia (CATI Q2_4A and yes to Q2_4)

Calculated Variable Formula:
if q2_4='2' then Lipidemia_SR_Meds='N';
if q2_4='1' then do; if q2_4a='1' then Lipidemia_SR_Meds='Y'; if q2_4a='2' then Lipidemia_SR_Med ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of having lipidemia and use of lipid lowering drugs	10010	33.2

N	No report of lipidemia and use of lipid lowering drugs	19843	65.7
.	Missing	330	1.1

LVH_12	**Source Dataset**
	fromwakefperm Foxpro Table 3/13/2009
	SAS Dataset
	ECG
Hard Edits	**SAS Label**
	Presence of LVH on 12-lead ECG

Calculated Variable Formula:
if LVH=**1** then LVH_12='Yes';
if LVH=**0** then LVH_12='No';

Code or Value	Description	Frequency	Percent
Yes	Presence of LVH	1047	3.5
No	No Presence of LVH	20105	66.6
.	Missing	9031	29.9

MCS	**Source Dataset**
	CATI
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	MCS-12: SF-12 Mental (computed from CATI Q9_1-Q9_12 reference:Summary Scales (Second Edition) by Ware JE et al., December, 1995)

Calculated Variable Formula:
Based on: SF-12: How to score the SF-12 Physical and Mental Health Summary Scales (Second Edition) by Ware JE et al., December, 1995 From Dr. Dorcas Mansell Project
if Q9_1='5' then SF1_1=**1**; else SF1_1=**0**;
if Q9_1='4' then SF1_2=**1**; else SF1_2=**0**;
if Q9_1='3' then SF1_3=**1**; else SF1_3=**0**;
if Q9_1='2' then SF1_4=**1**; else SF1_4=**0**;
if Q9_2='1' then SF2_1=**1**; else SF2_1=**0**;
if Q9_2='2' then SF2_2=**1**; else SF2_2=**0**;
if Q9_3='1' then SF3_1=**1**; else SF3_1=**0**;
if Q9_3='2' then SF3_2=**1**; else SF3_2=**0**;
if Q9_4='1' then SF4_1=**1**; else SF4_1=**0**;
if Q9_5='1' then SF5_1=**1**; else SF5_1=**0**;
if Q9_6='1' then SF6_1=**1**; else SF6_1=**0**;
if Q9_7='1' then SF7_1=**1**; else SF7_1=**0**;
if Q9_8='5' then SF8_1=**1**; else SF8_1=**0**;
if Q9_8='4' then SF8_2=**1**; else SF8_2=**0**;
if Q9_8='3' then SF8_3=**1**; else SF8_3=**0**;
if Q9_8='2' then SF8_4=**1**; else SF8_4=**0**;
if Q9_10='6' then SF9_1=**1**; else SF9_1=**0**;

if Q9_10='5' then SF9_2=**1**; else SF9_2=**0**;
if Q9_10='4' then SF9_3=**1**; else SF9_3=**0**;
if Q9_10='3' then SF9_4=**1**; else SF9_4=**0**;
if Q9_10='2' then SF9_5=**1**; else SF9_5=**0**;
if Q9_11='6' then SF10_1=**1**; else SF10_1=**0**;
if Q9_11='5' then SF10_2=**1**; else SF10_2=**0**;
if Q9_11='4' then SF10_3=**1**; else SF10_3=**0**;
if Q9_11='3' then SF10_4=**1**; else SF10_4=**0**;
if Q9_11='2' then SF10_5=**1**; else SF10_5=**0**;
if Q9_12='1' then SF11_1=**1**; else SF11_1=**0**;
if Q9_12='2' then SF11_2=**1**; else SF11_2=**0**;
igf Q9_12='3' then SF11_3=**1**; else SF11_3=**0**;
if Q9_12='4' then SF11_4=**1**; else SF11_4=**0**;
if Q9_12='5' then SF11_5=**1**; else SF11_5=**0**;
if Q9_9='1' then SF12_1=**1**; else SF12_1=**0**;
if Q9_9='2' then SF12_2=**1**; else SF12_2=**0**;
if Q9_9='3' then SF12_3=**1**; else SF12_3=**0**;
if Q9_9='4' then SF12_4=**1**; else SF12_4=**0**;
MCS = (-**1.71175***SF1_1-**0.16891***SF1_2+**0.03482***SF1_3-**0.06064***SF1_4
+**3.93115***SF2_1+**1.86840***SF2_2+**2.68282***SF3_1+**1.43103***SF3_2+**1.44060***SF4_1+**1.66968***SF5_1-
6.82672*SF6_1-**5.69921***SF7_1+**1.48619***SF8_1+**1.76691***SF8_2+**1.49384***SF8_3+**0.90384***SF8_4
-**10.19085***SF9_1-**7.92717***SF9_2-**6.31121***SF9_3-**4.09842***SF9_4-**1.94949***SF9_5
-**6.02409***SF10_1-**4.88962***SF10_2-**3.29805***SF10_3-**1.65178***SF10_4-**0.92057***SF10_5
-**16.15395***SF11_1-**10.77911***SF11_2-**8.09914***SF11_3-**4.59055***SF11_4-**1.95934***SF11_5
-**6.29724***SF12_1-**8.26066***SF12_2-**5.63286***SF12_3-**3.13896***SF12_4)+**60.75781**;

Code or Value	Description	Count
9.6 to 71.36	Range of Values	28807
56.67 [51.51,59.34]	Median [IQR]	28807
54.04 (8.46)	Mean (std)	28807
.	Missing	1376

Mch

Source Dataset
Labs Excel spreadsheet from Vermont 4/17/09
SAS Dataset
Labs

Hard Edits	SAS Label
	Mean Cell Hemoglobin

Calculated Variable Formula:

Code or Value	Description	Count
16.8 to 44.6	Range of Values	19880
30.5 [29.2,31.7]	Median [IQR]	19880
30.34 (2.29)	Mean (std)	19880
.	Missing	10303

Mchc

Source Dataset
Labs Excel spreadsheet from Vermont 4/17/09
SAS Dataset

	Labs
Hard Edits	**SAS Label**
	Mean Cell Hemoglobin Concentration

Calculated Variable Formula:

Code or Value	Description	Count
28.7 to 42.1	Range of Values	19880
33.8 [33.3,34.2]	Median [IQR]	19880
33.73 (0.794)	Mean (std)	19880
.	Missing	10303

Mcv

	Source Dataset
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	Mean Cell Volume (fl, from labs formerly fromVermont)

Calculated Variable Formula:

Code or Value	Description	Count
54 to 124	Range of Values	19860
90 [87,93]	Median [IQR]	19860
89.88 (5.74)	Mean (std)	19860
.	Missing	10323

Medicalcare

	Source Dataset
	SAS Dataset
Hard Edits	**SAS Label**
	Clinic or Doctor who provides usual medical care

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent
Y		22070	73.1
N		5729	19
.	Missing	2384	7.9

Menopause

Source Dataset

	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported having gone through menopause (CATI Q5_2)

Calculated Variable Formula:
if q5_2='1' then Menopause ='Y';
if q5_2='2' then Menopause ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of menopause	14644	48.5
N	No report of menopause	1592	5.3
.	Missing	13947	46.2

MI_ECG

	Source Dataset
	fromwakefperm Foxpro Table 3/13/2009
	SAS Dataset
	ECG
Hard Edits	**SAS Label**
	ECG evidence of MI using EPICARE definition

Calculated Variable Formula:
if MC1_ILV6 in ('11','12','13','14','15','16','17','21','22','23','24','25','31','32','33','34') or
MC1_23F in ('11','12','13','14','15','16','17','21','22','23','24','25','31','32','33','34') or
MC1_V15 in ('11','12','13','14','15','16','17','21','22','23','24','25','31','32','33','34') then MI_ECG='Y';
else if MC1_ILV6>='0' and MC1_23F>='0' and MC1_V15>='0' then MI_ECG='N';

Code or Value	Description	Frequency	Percent
Y	Evidence of MI by ECG	1712	5.7
N	No evidence of MI by ECG	27984	92.7
.	Missing	487	1.6

MI_SR

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported myocardial infarction or heart attack (CATI Q2_2)

Calculated Variable Formula:
if q2_2='1' then MI_SR ='Y';
if q2_2='2' then MI_SR ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of MI	2543	8.4
N	No report of MI	27466	91

.	Missing	174	0.6

MI_SR_ECG	Source Dataset
	caticallperm Foxpro Table 05/29/2009 (CATI) fromwakefperm Foxpro Table 3/13/2009 (ECG)
	SAS Dataset
	CATI, ECG
Hard Edits	**SAS Label**
	History of MI (self-reported MI OR evidence of MI via ECG)

Calculated Variable Formula:
if (Q2_2='1') or (MI_ECG='Y') then MI_SR_ECG='Y';
if (Q2_2='2') and (MI_ECG='N') then MI_SR_ECG='N';

Code or Value	Description	Frequency	Percent
Y	Had history of MI	3773	12.5
N	No history of MI	25823	85.5
.	Missing	587	2.0

MI_S_wave	Source Dataset
	SAS Dataset
Hard Edits	**SAS Label**
	ECG evidence of MI (based on MC1_ILV6, MC1_23F& MC1_V15) (from ECG formerly FromWakeForest)

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent
Y		3408	11.3
N		26081	86.4
.	Missing	694	2.3

Packyears	Source Dataset
	CATI
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Number of packs smoked per year (based on q6_1 thru q6_10 from CATI)

Calculated Variable Formula:
* IF PARTICIPANT ANSWERED THEY HAVE NOT SMOKED AT LEAST 100 CIGARETTES IN THEIR LIFE, THEN PACKYEARS=0;IF Q6_1 > '1' THEN Packyears=**0**;
* IF THE PARTICIPANT ANSWERED THAT THEY HAVE SMOKED AT LEAST 100 CIGARETTES IN THEIR LIFE BUT THEY ARE NOT CURRENT SMOKERS, THEN PACKYEARS IS BASED ON QUESTIONS Q6_9 AND

```
Q6_10;
IF Q6_1 = '1' AND Q6_1A > '1' THEN DO;
* DETERMINE THE NUMBER OF YEARS THEY SMOKED;
IF Q6_9 IN ('888','999') THEN YEARSSMOKE=.;
ELSE YEARSSMOKE=input(Q6_9, best12.);
* DETERMINE THE NUMBER OF CIGARETTES WITHIN THE RIGHT TIME FRAME; THE DATA ARE SUCH
THAT THE FIRST NUMBER NEEDS TO BE PULLED OF TO DETERIMINE IF:
* 1=PER DAY, 2=PER WEEK, 3=PER MONTH, 4=PER YEAR;
* THE SECOND & THIRD NUMBER ARE THE NUMBER OF CIGARETTES PER THAT TIME FRAME;
IF Q6_10 IN ('888','999') THEN TIMEFRAME=.;
ELSE TIMEFRAME=input(SUBSTR(Q6_10,1,1), best12.);
IF Q6_10 IN ('888','999') THEN NUMCIGS=.;
ELSE NUMCIGS=input(SUBSTR(Q6_10,2,2), best12.);
* THERE ARE 20 CIGARETTES IN A PACK, SO COMPUTE THE NUMBER OF PACKS PER DAY;
IF TIMEFRAME=1 THEN PACKDAY=NUMCIGS/20;
IF TIMEFRAME=2 THEN PACKDAY=(NUMCIGS/7)/20;
IF TIMEFRAME=3 THEN PACKDAY=(NUMCIGS/30)/20;
IF TIMEFRAME=4 THEN PACKDAY=(NUMCIGS/365)/20;
* NOW MULTIPLY BY THE NUMBER OF YEARS SMOKED;
Packyears=PACKDAY*YEARSSMOKE; END;
* IF THE PARTICIPANT ANSWERED THAT THEY HAVE SMOKED AT LEAST 100 CIGAREGGES IN THEIR
LIFE  AND ARE CURRENT SMOKERS, THEN PACKYEARS IS BASED ON QUESTIONS Q6_3 AND Q6_4;
IF Q6_1 = '1' AND Q6_1A = '1' THEN DO;
 * DETERMINE THE NUMBER OF YEARS THEY SMOKED;
  IF Q6_3 IN ('888','999') THEN YEARSSMOKE=.;
   ELSE YEARSSMOKE=input(Q6_3, best12.);
* DETERMINE THE NUMBER OF CIGARETTES WITHIN THE RIGHT TIME FRAME; THE DATA ARE SUCH
THAT THE FIRST NUMBER NEEDS TO BE PULLED OF TO DETERIMINE IF:
 1=PER DAY, 2=PER WEEK, 3=PER MONTH, 4=PER YEAR;
 THE SECOND & THIRD NUMBER ARE THE NUMBER OF CIGARETTES PER THAT TIME FRAME;
   IF Q6_4 IN ('888','999') THEN TIMEFRAME=.;
   ELSE TIMEFRAME=input(SUBSTR(Q6_4,1,1), best12.);
   IF Q6_4 IN ('888','999') THEN NUMCIGS=.;
   ELSE NUMCIGS=input(SUBSTR(Q6_4,2,2), best12.);
* THERE ARE 20 CIGARETTES IN A PACK, SO COMPUTE THE NUMBER OF PACKS PER DAY;
   IF TIMEFRAME=1 THEN PACKDAY=NUMCIGS/20;
   IF TIMEFRAME=2 THEN PACKDAY=(NUMCIGS/7)/20;
   IF TIMEFRAME=3 THEN PACKDAY=(NUMCIGS/30)/20;
   IF TIMEFRAME=4 THEN PACKDAY=(NUMCIGS/365)/20;
   ** NOW MULTIPLY BY THE NUMBER OF YEARS SMOKED;  Packyears=PACKDAY*YEARSSMOKE;   END;
```

Code or Value	Description	Count
0 to 301.5	Range of Values	29240
0.45 [0,20]	Median [IQR]	29240
13.44 (22.97)	Mean (std)	29240
.	Missing	943

PAD_amputation	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	SAS Label

	History of leg amputation

Calculated Variable Formula:
if q3_6a='1' then PAD_amputation ='Y';
if q3_6a='2' then PAD_amputation ='N';

Code or Value	Description	Frequency	Percent
Y	Had history of leg amputation	105	0.4
N	No history of leg amputation	30077	99.6
.	Missing	1	0.0

PAD_surgery

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported procedure to fix the arteries in legs (CATI Q3_6)

Calculated Variable Formula:
if q3_6='1' then PAD_surgery ='Y';
if q3_6='2' then PAD_surgery='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of procedure to fix arterties in legs	602	2
N	No report of procedure to fix arteries in legs	29535	97.8
.	Missing	46	0.2

PCS

	Source Dataset
	CATI
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	PCS-12: SF-12 Physical (computed from CATI Q9_1-Q9_12 reference:Summary Scales (Second Edition) by Ware JE et al., December, 1995)

Calculated Variable Formula:
Based on: SF-12: How to score the SF-12 Physical and Mental Health Summary Scales (Second Edition) by Ware JE et al., December, 1995 From Dr. Dorcas Mansell Project
if Q9_1='5' then SF1_1=**1**; else SF1_1=**0**;
if Q9_1='4' then SF1_2=**1**; else SF1_2=**0**;
if Q9_1='3' then SF1_3=**1**; else SF1_3=**0**;
if Q9_1='2' then SF1_4=**1**; else SF1_4=**0**;
if Q9_2='1' then SF2_1=**1**; else SF2_1=**0**;
if Q9_2='2' then SF2_2=**1**; else SF2_2=**0**;
if Q9_3='1' then SF3_1=**1**; else SF3_1=**0**;
if Q9_3='2' then SF3_2=**1**; else SF3_2=**0**;
if Q9_4='1' then SF4_1=**1**; else SF4_1=**0**;
if Q9_5='1' then SF5_1=**1**; else SF5_1=**0**;
if Q9_6='1' then SF6_1=**1**; else SF6_1=**0**;

if Q9_7='1' then SF7_1=**1**; else SF7_1=**0**;
if Q9_8='5' then SF8_1=**1**; else SF8_1=**0**;
if Q9_8='4' then SF8_2=**1**; else SF8_2=**0**;
if Q9_8='3' then SF8_3=**1**; else SF8_3=**0**;
if Q9_8='2' then SF8_4=**1**; else SF8_4=**0**;
if Q9_10='6' then SF9_1=**1**; else SF9_1=**0**;
if Q9_10='5' then SF9_2=**1**; else SF9_2=**0**;
if Q9_10='4' then SF9_3=**1**; else SF9_3=**0**;
if Q9_10='3' then SF9_4=**1**; else SF9_4=**0**;
if Q9_10='2' then SF9_5=**1**; else SF9_5=**0**;
if Q9_11='6' then SF10_1=**1**; else SF10_1=**0**;
if Q9_11='5' then SF10_2=**1**; else SF10_2=**0**;
if Q9_11='4' then SF10_3=**1**; else SF10_3=**0**;
if Q9_11='3' then SF10_4=**1**; else SF10_4=**0**;
if Q9_11='2' then SF10_5=**1**; else SF10_5=**0**;
if Q9_12='1' then SF11_1=**1**; else SF11_1=**0**;
if Q9_12='2' then SF11_2=**1**; else SF11_2=**0**;
if Q9_12='3' then SF11_3=**1**; else SF11_3=**0**;
if Q9_12='4' then SF11_4=**1**; else SF11_4=**0**;
if Q9_12='5' then SF11_5=**1**; else SF11_5=**0**;
if Q9_9='1' then SF12_1=**1**; else SF12_1=**0**;
if Q9_9='2' then SF12_2=**1**; else SF12_2=**0**;
if Q9_9='3' then SF12_3=**1**; else SF12_3=**0**;
if Q9_9='4' then SF12_4=**1**; else SF12_4=**0**;
PCS = (-**8.37399***SF1_1-**5.56461***SF1_2-**3.02396***SF1_3-**1.31872***SF1_4-**7.23216***SF2_1-**3.45555***SF2_2-**6.24397***SF3_1-**2.73557***SF3_2-**4.61617***SF4_1-**5.51747***SF5_1 +**3.04365***SF6_1+**2.32091***SF7_1-**11.25544***SF8_1-**8.38063***SF8_2-**6.50522***SF8_3-**3.80130***SF8_4+**3.46638***SF9_1+**2.90426***SF9_2+**2.37241***SF9_3+**1.36689***SF9_4+**0.66514***SF9_5-**2.44706***SF10_1-**2.02168***SF10_2-**1.61850***SF10_3-**1.14387***SF10_4-**0.42251***SF10_5+**4.61446***SF11_1+**3.41593***SF11_2+**2.34247***SF11_3+**1.28044***SF11_4+**0.41188***SF11_5-**0.33682***SF12_1-**0.94342***SF12_2-**0.18043***SF12_3-**0.11038***SF12_4)+**56.57706**;

Code or Value	Description	Count
9.95 to 69.49	Range of Values	28807
49.88 [40.09,54.84]	Median [IQR]	28807
46.37 (10.57)	Mean (std)	28807
.	Missing	1376

Pltc

Source Dataset
Labs Excel spreadsheet from Vermont 4/17/09
SAS Dataset
Labs

Hard Edits	SAS Label
	Platelet count

Calculated Variable Formula:

Code or Value	Description	Count
5 to 1100	Range of Values	19341
231 [192,274]	Median [IQR]	19341
237.25 (69.13)	Mean (std)	19341

.	Missing	10842

PSS	Source Dataset
	CATI
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Perceived Stress Scale- Calculated from Q11_5 - Q11_8 (from CATI)

Calculated Variable Formula:

```
IF Q11_5 IN ('8','9') THEN Q11_5NUM=.;
ELSE Q11_5NUM=input(Q11_5, best12.)-1;
IF Q11_6 IN ('8','9') THEN Q11_6NUM=.;
ELSE DO;
  IF Q11_6='5' THEN Q11_6NUM=0;
  ELSE IF Q11_6='4' THEN Q11_6NUM=1;
  ELSE IF Q11_6='3' THEN Q11_6NUM=2;
  ELSE IF Q11_6='2' THEN Q11_6NUM=3;
  ELSE IF Q11_6='1' THEN Q11_6NUM=4;
END;
IF Q11_7 IN ('8','9') THEN Q11_7NUM=.;
ELSE Q11_7NUM=input(Q11_7, best12.)-1;
IF Q11_8 IN ('8','9') THEN Q11_8NUM=.;
ELSE Q11_8NUM=input(Q11_8, best12.)-1;
PSS=SUM(Q11_5NUM,Q11_6NUM,Q11_7NUM,Q11_8NUM);
```

Code or Value	Description	Count
0 to 16	Range of Values	30175
3 [0,5]	Median [IQR]	30175
3.19 (2.94)	Mean (std)	30175
.	Missing	8

Race	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
if QRACE in (' ','0') then do; if id_num = "0123838" then RACE = 'B'; if id_num = "0167973" then RACE = 'W'; if id_num = "0169820" then RACE = 'B'; if id_num = "0206481" then RACE = 'B'; if id_num = "0238793" then RACE = 'B'; if id_num = "0250211" then RACE = 'W'; if id_num = "0250325" then RACE = 'W';	Race (from CATI)

Calculated Variable Formula:

```
 if QRACE='1' then Race='W';
if QRACE='2' then Race='B';
```

Code or Value	Description	Frequency	Percent
B	Black	12514	41.5
W	White	17669	58.5

Rbc	**Source Dataset**
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	Red Blood Cell

Calculated Variable Formula:

Code or Value	Description	Count
1.89 to 8.43	Range of Values	19885
4.5 [4.2,4.83]	Median [IQR]	19885
4.51 (0.494)	Mean (std)	19885
.	Missing	10298

Rdwcv	**Source Dataset**
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	Red Cell Distribution Width - Coefficient of Variance

Calculated Variable Formula:

Code or Value	Description	Count
10.6 to 29.4	Range of Values	19858
13.6 [13,14.4]	Median [IQR]	19858
13.85 (1.31)	Mean (std)	19858
.	Missing	10325

Reg_Asa	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Regular Aspirin User- Calculated fromQ4_1, Q4_1a, Q4_2, Q4_2a (from CATI)

Calculated Variable Formula:
if q4_1='2' or (q4_1a='2' or q4_1a='8' or q4_1a='9') or (q4_2='887' or q4_2='888' or q4_2='999')
or q4_2a='2' then Reg_Asa='N';
if q4_2a='1' then Reg_Asa='Y';

Code or Value	Description	Frequency	Percent
Y	Regular aspirin user	13047	43.2
N	Not a regular aspirin user	17119	56.7
.	Missing	17	0.1

Reg_Nsaids	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Regular NSAID User (Derived from CATI)

Calculated Variable Formula:
if (q4_3='1' or q4_3a='1') and q4_4='1' then Reg_Nsaids='Y';
if (q4_3='2' or q4_3a='2') or ((q4_3='1' or q4_3a='1') and q4_4='2') then Reg_Nsaids='N';

Code or Value	Description	Frequency	Percent
Y	Regular NSAID user	4285	14.2
N	Not a regular NSAID user	25782	85.4
.	Missing	116	0.4

Region	**Source Dataset**
	SAS dataset “S:\Regards\analysis\Baseline\Historic Datasets\geocoded” 06/10/2009
	SAS Dataset
	SAS_GEOCODED
Hard Edits	**SAS Label**
	Region

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent
BELT	Belt Region	10447	34.6
BUCKLE	Buckle Region	6307	20.9
NONBELT	Non-belt Region	13429	44.5

Relationshipstatus	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Relationship status, married, single, divorced, widowed(calculated from CATI Q12_1)

Calculated Variable Formula:
IF Q12_1 = '5' THEN Relationshipstatus = 'Single';

else IF Q12_1 = '1' THEN Relationshipstatus = 'Married';
else IF Q12_1 = '2' THEN Relationshipstatus = 'Divorced';
else IF Q12_1 = '3' THEN Relationshipstatus = 'Widowed';
else IF Q12_1 IN ('4', '8' , '9') then Relationshipstatus = 'Other';

Code or Value	Description	Frequency	Percent
Divorced	Divorced	4417	14.6
Married	Married	17714	58.7
Other	Other	728	2.4
Single	Single	1606	5.3
Widowed	Widowed	5718	19

Renal

	Source Dataset
	SAS dataset "S:\Regards\analysis\baseline\renal" 08/14/2009
	SAS Dataset
	Renal
Hard Edits	**SAS Label**
	Participant was a part of renal regards

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent
Y	Participant was a part of renal regards	21617	71.6
N	Participant was not a part of renal regards	8566	28.4

SBP

	Source Dataset
	Information from the InHome visit
	SAS Dataset
	Whiteforms
Hard Edits	**SAS Label**
	Systolic blood pressure - average of two measures (mmHg, from whiteforms formerly inhome)

Calculated Variable Formula:
SBP=mean(FirstSBP,SecondSBP);

Code or Value	Description	Count
70 to 276	Range of Values	30097
126 [118,138]	Median [IQR]	30097
127.6 (16.69)	Mean (std)	30097
.	Missing	86

Smoke

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset

	CATI
Hard Edits	**SAS Label**
	Smoking status (based on q6_1 and q6_1a from CATI)

Calculated Variable Formula:
if q6_1='1' and q6_1a='1' then Smoke='Current';
if q6_1='1' and q6_1a='2' then Smoke='Past';
if q6_1='2' then Smoke='Never';

Code or Value	Description	Frequency	Percent
Current	Current smoker	4396	14.6
Never	Never been a smoker	13604	45.1
Past	Was a past smoker	12067	40
.	Missing	116	0.4

Smoke_100cigs

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported use of more than 100 cigarettes in lifetime (CATI Q6_1)

Calculated Variable Formula:
if q6_1='1' then Smoke_100cigs ='Y';
if q6_1='2' then Smoke_100cigs ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of use of 100+ cigarettes in lifetime	16465	54.6
N	No report of use of 100+ cigarettes in lifetime	13604	45.1
.	Missing	114	0.4

Smoke_current

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Self-reported current smoking (CATI Q6_1A)

Calculated Variable Formula:
if q6_1a='1' then Smoke_current ='Y';
if q6_1a='2' then Smoke_current = 'N';

Code or Value	Description	Frequency	Percent
Y	Self-reported as a current smoker	4396	14.6
N	No report as a current smoker	25671	85.0
.	Missing	116	0.4

State	Source Dataset
	SAS dataset "S:\Regards\analysis\Baseline\Historic Datasets\geocoded" 06/10/2009
	SAS Dataset
	SAS_GEOCODED
Hard Edits	**SAS Label**
	State of residence at baseline (from SAS_geocoding)

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent
AL	Alabama	1640	5.4
AR	Arkansas	790	2.6
AZ	Arizona	85	0.3
CA	California	2340	7.7
CO	Colorado	128	0.4
CT	Connecticut	123	0.4
DC	Washington D.C	182	0.6
DE	Delaware	52	0.2
FL	Florida	1060	3.5
GA	Georgia	3041	10.1
IA	Iowa	135	0.4
ID	Idaho	38	0.1
IL	Illinois	853	2.8
IN	Indiana	325	1.1
KS	Kansas	94	0.3
KY	Kentucky	229	0.8
LA	Louisiana	2145	7.1
MA	Massachusetts	219	0.7
MD	Maryland	619	2.1
ME	Maine	23	0.1
MI	Michigan	1063	3.5
MN	Minnesota	215	0.7
MO	Missouri	447	1.5
MS	Mississippi	1219	4
MT	Montana	18	0.1
NC	North Carolina	3442	11.4
ND	North Dakota	22	0.1
NE	Nebraska	72	0.2
NH	New Hampshire	18	0.1
NJ	New Jersey	232	0.8
NM	New Mexico	24	0.1
NV	Nevada	27	0.1
NY	New York	892	3
OH	Ohio	1104	3.7

OK	Oklahoma	172	0.6
OR	Oregon	100	0.3
PA	Pennsylvania	624	2.1
RI	Rhode Island	15	0
SC	South Carolina	3189	10.6
SD	South Dakota	24	0.1
TN	Tennessee	1288	4.3
TX	Texas	848	2.8
UT	Utah	56	0.2
VA	Virginia	427	1.4
VT	Vermont	7	0
WA	Washington	123	0.4
WI	Wisconsin	336	1.1
WV	West Virginia	44	0.1
WY	Wyoming	14	0

status	**Source Dataset**
	SAS Dataset
Hard Edits	**SAS Label**
	Participant status (from Main)

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent
1	Active	24119	79.9
2	Inactive	6064	20.1

strata	**Source Dataset**
	SAS Dataset
Hard Edits	**SAS Label**
	Strata for weighted sampling

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent
BELTBF45-49		179	0.59
BELTBF50-54		292	0.97

BELTBF55-59		557	1.85
BELTBF60-64		544	1.80
BELTBF65-69		437	1.45
BELTBF70-74		307	1.02
BELTBF75-79		194	0.64
BELTBF80-84		81	0.27
BELTBF85+		35	0.12
BELTBM45-49		101	0.33
BELTBM50-54		146	0.48
BELTBM55-59		330	1.09
BELTBM60-64		313	1.04
BELTBM65-69		278	0.92
BELTBM70-74		186	0.62
BELTBM75-79		113	0.37
BELTBM80-84		56	0.19
BELTBM85+		16	0.05
BELTWF45-49		175	0.58
BELTWF50-54		244	0.81
BELTWF55-59		626	2.07
BELTWF60-64		611	2.02
BELTWF65-69		579	1.92
BELTWF70-74		420	1.39
BELTWF75-79		329	1.09
BELTWF80-84		159	0.53
BELTWF85+		57	0.19
BELTWM45-49		102	0.34
BELTWM50-54		170	0.56
BELTWM55-59		526	1.74
BELTWM60-64		603	2.00
BELTWM65-69		620	2.05
BELTWM70-74		509	1.69
BELTWM75-79		310	1.03
BELTWM80-84		189	0.63
BELTWM85+		53	0.18
BUCKBF45-49		96	0.32
BUCKBF50-54		172	0.57
BUCKBF55-59		321	1.06
BUCKBF60-64		278	0.92
BUCKBF65-69		267	0.88
BUCKBF70-74		182	0.60
BUCKBF75-79		105	0.35
BUCKBF80-84		44	0.15
BUCKBF85+		20	0.07
BUCKBM45-49		65	0.22
BUCKBM50-54		92	0.30

BUCKBM55-59		165	0.55
BUCKBM60-64		148	0.49
BUCKBM65-69		133	0.44
BUCKBM70-74		67	0.22
BUCKBM75-79		49	0.16
BUCKBM80-84		28	0.09
BUCKBM85+		11	0.04
BUCKWF45-49		138	0.46
BUCKWF50-54		214	0.71
BUCKWF55-59		411	1.36
BUCKWF60-64		413	1.37
BUCKWF65-69		403	1.34
BUCKWF70-74		316	1.05
BUCKWF75-79		243	0.81
BUCKWF80-84		109	0.36
BUCKWF85+		38	0.13
BUCKWM45-49		81	0.27
BUCKWM50-54		110	0.36
BUCKWM55-59		275	0.91
BUCKWM60-64		370	1.23
BUCKWM65-69		338	1.12
BUCKWM70-74		284	0.94
BUCKWM75-79		187	0.62
BUCKWM80-84		97	0.32
BUCKWM85+		37	0.12
NONBBF45-49		167	0.55
NONBBF50-54		237	0.79
NONBBF55-59		755	2.50
NONBBF60-64		682	2.26
NONBBF65-69		692	2.29
NONBBF70-74		498	1.65
NONBBF75-79		356	1.18
NONBBF80-84		189	0.63
NONBBF85+		81	0.27
NONBBM45-49		97	0.32
NONBBM50-54		118	0.39
NONBBM55-59		438	1.45
NONBBM60-64		490	1.62
NONBBM65-69		458	1.52
NONBBM70-74		394	1.31
NONBBM75-79		280	0.93
NONBBM80-84		129	0.43
NONBBM85+		45	0.15
NONBWF45-49		193	0.64
NONBWF50-54		257	0.85

NONBWF55-59		629	2.08
NONBWF60-64		635	2.10
NONBWF65-69		578	1.91
NONBWF70-74		443	1.47
NONBWF75-79		368	1.22
NONBWF80-84		195	0.65
NONBWF85+		81	0.27
NONBWM45-49		132	0.44
NONBWM50-54		209	0.69
NONBWM55-59		631	2.09
NONBWM60-64		787	2.61
NONBWM65-69		696	2.31
NONBWM70-74		601	1.99
NONBWM75-79		499	1.65
NONBWM80-84		272	0.90
NONBWM85+		117	0.39

Stroke_SR	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Participant reported stroke at baseline (CATI Q1_1)

Calculated Variable Formula:
if q1_1='1' then Stroke_SR ='Y';
if q1_1='2' then Stroke_SR ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of stroke	1930	6.4
N	No report of stroke	28151	93.3
.	Missing	102	0.3

Stroke_Sym_Number	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Number of stroke symptoms (Computed from CATI Q1_3-Q1_8))

Calculated Variable Formula:
if q1_3 ^in ('','0','1','2','8','9') then q1_3new=''; else q1_3new=q1_3;
if q1_4 ^in ('','0','1','2','8','9') then q1_4new=''; else q1_4new=q1_4;
if q1_5 ^in ('','0','1','2','8','9') then q1_5new=''; else q1_5new=q1_5;
if q1_6 ^in ('','0','1','2','8','9') then q1_6new=''; else q1_6new=q1_6;

```
if q1_7 ^in ('','0','1','2','8','9') then q1_7new=''; else q1_7new=q1_7;
if q1_8 ^in ('','0','1','2','8','9') then q1_8new=''; else q1_8new=q1_8;

num_q1_3=input(q1_3new, best12.);
num_q1_4=input(q1_4new, best12.);
num_q1_5=input(q1_5new, best12.);
num_q1_6=input(q1_6new, best12.);
num_q1_7=input(q1_7new, best12.);
num_q1_8=input(q1_8new, best12.);

if num_q1_3 in (7,8) then num_q1_3=2;
if num_q1_4 in (7,8) then num_q1_4=2;
if num_q1_5 in (7,8) then num_q1_5=2;
if num_q1_6 in (7,8) then num_q1_6=2;
if num_q1_7 in (7,8) then num_q1_7=2;
if num_q1_8 in (7,8) then num_q1_8=2;

** if they answered "refused", it should be missing;
if num_q1_3=9 then num_q1_3=.;
if num_q1_4=9 then num_q1_4=.;
if num_q1_5=9 then num_q1_5=.;
if num_q1_6=9 then num_q1_6=.;
if num_q1_7=9 then num_q1_7=.;
if num_q1_8=9 then num_q1_8=.;

** if value is > 2 then set to missing;
if num_q1_3>2 then num_q1_3=.;
if num_q1_4>2 then num_q1_4=.;
if num_q1_5>2 then num_q1_5=.;
if num_q1_6>2 then num_q1_6=.;
if num_q1_7>2 then num_q1_7=.;
if num_q1_8>2 then num_q1_8=.;

** also, recode so that 1=yes, 0=no;
if num_q1_3=2 then num_q1_3=0;
if num_q1_4=2 then num_q1_4=0;
if num_q1_5=2 then num_q1_5=0;
if num_q1_6=2 then num_q1_6=0;
if num_q1_7=2 then num_q1_7=0;
if num_q1_8=2 then num_q1_8=0;


** determine the total number of symptoms;
Stroke_Sym_Number=sum(num_q1_3,num_q1_4,num_q1_5,num_q1_6,num_q1_7,num_q1_8);
```

Code or Value	Description	Frequency	Percent
0	Zero stroke symptom	22793	75.5
1	1 stroke symptom	3146	10.4
2	2 stroke symptoms	1492	5
3	3 stroke symptoms	483	1.6
4	4 stroke symptoms	228	0.8
5	5 stroke symptoms	87	0.3
6	6 stroke symptoms	37	0.1
.	Missing or refused to	1917	6.3

	answer		

Stroke_Sympt	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Presence of stroke symptoms (Computed from CATI Q1_3 - Q1_8)

Calculated Variable Formula:
if Stroke_Sym_Number GE **1** then Stroke_Sympt ='Y';
else if Stroke_Sym_Number NE **.** then Stroke_Sympt='N';

Code or Value	Description	Frequency	Percent
Y	Presence of stroke symptoms	4539	15.1
N	No presence of stroke symptoms	23727	78.6
.	Missing	1917	6.3

Symp_communicate	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Participant reported stroke symptom: couldn't communicate (CATI Q1_8)

Calculated Variable Formula:
if q1_8='1' then Symp_communicate ='Y';
if q1_8='2' then Symp_communicate ='N';

Code or Value	Description	Frequency	Percent
Y	Reported of stroke symptom :couldn't communicate	1253	4.2
N	No report of stroke symptom :couldn't communicate	26935	89.2
.	Missing	1995	6.6

Symp_numb	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Participant reported stroke symptom: numbness (CATI Q1_4)

Calculated Variable Formula:
if q1_4='1' then Symp_numb='Y';
if q1_4='2' then Symp_numb ='N';

Code or Value	Description	Frequency	Percent
Y	Reported of stroke symptom: numbness	2682	8.9
N	No report of stroke symptom: numbess	25442	84.3
.	Missing	2059	6.8

Symp_understand	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Participant reported stroke symptom: couldn't understand (CATI Q1_7)

Calculated Variable Formula:
if q1_7='1' then Symp_understand ='Y';
if q1_7='2' then Symp_understand ='N';

Code or Value	Description	Frequency	Percent
Y	Reported of stroke symptom :couldn't understand	863	2.9
N	No report of stroke symptom :couldn't understand	27346	90.6
.	Missing	1974	6.5

Symp_vision_both	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Participant reported stroke symptom: lost vision in both eyes (CATI Q1_5)

Calculated Variable Formula:
if q1_5='1' then Symp_vision_both ='Y';
if q1_5='2' then Symp_vision_both ='N';

Code or Value	Description	Frequency	Percent
Y	Reported of stroke symptom: lost vision in both eyes	1457	4.8
N	No report of stroke symptom: lost of vision in both eyes	26729	88.5
.	Missing	1997	6.6

Symp_vision_half	**Source Dataset**
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset

	CATI
Hard Edits	**SAS Label**
	Participant reported stroke symptom: lost vision in one eye (CATI Q1_6)

Calculated Variable Formula:
if q1_6='1' then Symp_vision_half ='Y';
if q1_6='2' then Symp_vision_half ='N';

Code or Value	Description	Frequency	Percent
Y	Reported of stroke symptom: lost vision in one eye	962	3.2
N	No report of stroke symptom: lost of vision in one eye	27197	90.1
.	Missing	2024	6.7

Symp_weak

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Participant reported stroke symptom: sudden weakness (CATI Q1_3)

Calculated Variable Formula:
if q1_3='1' then Symp_weak ='Y';
if q1_3='2' then Symp_weak ='N';

Code or Value	Description	Frequency	Percent
Y	Reported of stroke symptom: sudden weakness	1931	6.4
N	No report of stroke symptom: sudden weakness	26205	86.8
.	Missing	2047	6.8

TIA_SR

	Source Dataset
	caticallperm Foxpro Table 05/29/2009
	SAS Dataset
	CATI
Hard Edits	**SAS Label**
	Participant reported TIA at baseline (CATI Q1_2)

Calculated Variable Formula:
if q1_2='1' then TIA_SR ='Y';
if q1_2='2' then TIA_SR ='N';

Code or Value	Description	Frequency	Percent
Y	Self-reported of TIA	1114	3.7
N	No report of TIA	26977	89.4
.	Missing	2092	6.9

Trigly	Source Dataset
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	Triglycerides (mg/dL, from labs formerly fromVermont)

Calculated Variable Formula:
Trigly=trig;

Code or Value	Description	Count
20 to 2673	Range of Values	28871
110 [81,158]	Median [IQR]	28871
132.54 (86.89)	Mean (std)	28871
.	Missing	1312

TV_Video	Source Dataset
	SAS Dataset
	Television
Hard Edits	**SAS Label**
	Average hours watching TV/Vedio per day/week (from FoodQ)

Calculated Variable Formula:

Code or Value	Description	Frequency	Percent
None	None	184	0.6
1 - 6 hrs/wk	1 - 6 hrs/wk	3019	10
1 hr/day	1 hr/day	1596	5.3
2 hrs/day	2 hrs/day	5184	17.2
3 hrs/day	3 hrs/day	6403	21.2
4+ hrs/day	4+ hrs/day	7317	24.2
.	Missing	6480	21.5

Urbangrp	Source Dataset
	SAS Dataset
	SAS_GEOCODED
Hard Edits	**SAS Label**
	Size of census tract where participant lives

Calculated Variable Formula:
if **25** => Tract_Urban_Pct then Urbangrp = 'Rural(<=25% urban)' ;
else if **25** < Tract_Urban_Pct < **75** then Urbangrp = 'Mixed(25-75% urban)';
else if Tract_Urban_Pct = > **75** then Urbangrp = 'Urban(>=75% urban)';

Code or Value	Description	Frequency	Percent

Mixed(25-75% urban)	Mixed(25-75% urban)	2953	9.8
Rural(<=25% urban)	Rural(<=25% urban)	5825	19.3
Urban(>=75% urban)	Urban(>=75% urban)	21405	70.9

Waist_cm	**Source Dataset**
	Information from the InHome Visit
	SAS Dataset
	WhiteForms
Hard Edits	**SAS Label**
	Waist circumference (cm)

Calculated Variable Formula:
Waist_cm=waist***2.54**;

Code or Value	Description	Count
13.97 to 340.36	Range of Values	29999
95.25 [86.36,105.41]	Median [IQR]	29999
96.18 (15.69)	Mean (std)	29999
.	Missing	184

Wbc	**Source Dataset**
	Labs Excel spreadsheet from Vermont 4/17/09
	SAS Dataset
	Labs
Hard Edits	**SAS Label**
	White blood cell count

Calculated Variable Formula:

Code or Value	Description	Count
0.52 to 265.2	Range of Values	19868
5.63 [4.62,6.87]	Median [IQR]	19868
5.93 (2.78)	Mean (std)	19868
.	Missing	10315

Weight	**Source Dataset**
	SAS Dataset
Hard Edits	**SAS Label**
	Weight for weighted sampling

Calculated Variable Formula:

Code or Value	Description	Count

145.43 to 52459.9	Range of Values	30183
983.22 [507.13,4529.1]	Median [IQR]	30183
3244.64 (6112.2)	Mean (std)	30183
.	Missing	0

Weight_kg	**Source Dataset**
	Information from the InHome Visit
	SAS Dataset
	Whiteforms
Hard Edits	**SAS Label**
	Weight (kg from Whiteforrms formerly inhome)

Calculated Variable Formula:
Weight_kg=weight***0.4536**;

Code or Value	Description	Count
13.61 to 266.38	Range of Values	30077
82.1 [70.76,95.26]	Median [IQR]	30077
84.58 (19.77)	Mean (std)	30077
.	Missing	106