WHI Baseline and Follow-Up Data

Core Analyte Results

Data File: core_ct_pub   **File Date:** 07/18/2007 **Structure:** Multiple rows per participant **Population:** Subsample of CT participants

Participant ID

Variable # 1

Sas Name: ID

Sas Label: Participant ID

Usage Notes: none

Categories: Study: Administration

Core Analyte Days since randomization/enrollment

Number of days from randomization/enrollment to date of blood draw.

Variable # 2

Sas Name: COREDAYS

Sas Label: Core Days since randomization/enrollment

Usage Notes: none

Categories: Study: Administration

N	Min	Max	Mean	Std Dev
15373	-272	3282	811.27373	844.72402

Core Analyte Visit type

Variable # 3

Sas Name: COREVTYP

Sas Label: Visit Type

Usage Notes: none

Categories: Study: Administration

Values		N	%
1	Screening Visit	4,426	28.8%
2	Semi-Annual Visit	1	0.0%
3	Annual Visit	10,946	71.2%
4	Non-Routine Visit	0	0.0%
		15,373	

Core Analyte Visit year

Visit year for which the draw used for core analytes was collected.

Variable # 4

Sas Name: COREVY

Sas Label: Visit year

Usage Notes: none

Categories: Study: Administration

N	Min	Max	Mean	Std Dev
15373	0	6	2.25493	2.24104

Core Closest to visit within visit type and year

For data with the same visit type and year, indicates the data closest to that visit's target date. Valid for data entered with an annual or semi-annual visit type.

Variable # 5

Sas Name: COREVCLO

Sas Label: Closest to visit within visit type and year

Usage Notes: See data preparation document.

Categories: Study: Administration

Values		N	%
0	No	12	0.1%
1	Yes	15,361	99.9%
		15,373	

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Core Analyte Results

Data File: core_ct_pub   **File Date:** 07/18/2007 **Structure:** Multiple rows per participant **Population:** Subsample of CT participants

Core Analytes expected for visit

This data was expected for this visit. Core Analytes were expected of CT participants in the blood subsample at baseline and at years 1, 3, and 6. Core Analytes were expected for OS participants in the OS Measurement Precision Study (OS-MPS) at baseline and at a non-routine visit between 1 and 180 days after enrollment.

Variable # 6

Sas Name: COREEXPC

Sas Label: Expected for visit

Usage Notes: none

Categories: Study: Administration

Values		N	%
0	No	3	0.0%
1	Yes	15,370	100.0%
		15,373	

Core Analyte Draw time

Time blood was drawn in military time. Format HH24:MI (e.g. 13:20).   Descriptive statistics (min, max, mean, sd) are presented as "seconds past midnight".

Variable # 7

Sas Name: DRAWTIME

Sas Label: Draw time

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15373	0	81300	34596.422	4467.00653

Core Analyte Centrifuge time

Time that centrifuging of blood began in military time. Format HH24:MI (e.g. 13:20). Descriptive statistics (min, max, mean, sd) are presented as "seconds past midnight".

Variable # 8

Sas Name: CFUGTIME

Sas Label: Centrifuge time

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15363	0	81600	37406.811	4555.85344

Core Analyte Cryovial time

Time blood placed into cryovials in military time. Format HH24:MI (e.g. 13:20). Descriptive statistics (min, max, mean, sd) are presented as "seconds past midnight".

Variable # 9

Sas Name: VIALTIME

Sas Label: Cryovial time

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15362	240	82800	38830.608	4728.50646

WHI Baseline and Follow-Up Data

Core Analyte Results

Data File: core_ct_pub   **File Date:** 07/18/2007 **Structure:** Multiple rows per participant **Population:** Subsample of CT participants

Core Analyte Freeze time

Time cryovials placed in freezer in military time. Format HH24:MI (e.g. 13:20). Descriptive statistics (min, max, mean, sd) are presented as "seconds past midnight".

Variable # 10

Sas Name: FREZTIME

Sas Label: Freeze time

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15356	0	85260	39331.309	4898.40466

Core Analyte Fasting hours

Number of hours since had anything to eat or drink besides water before blood draw.

Variable # 11

Sas Name: FASTHRS

Sas Label: Fasting hours

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15355	0	41	13.1718	1.75333

Core Analyte Vigorous activity in last 8 hours

Engaged in vigorous physical activity in last eight hours before blood draw.

Variable # 12

Sas Name: VIGACT

Sas Label: Vigorous activity in last 8 hours

Usage Notes: none

Categories: Clinical Tests: Blood

Values		N	%
0	No	15,126	98.4%
1	Yes	218	1.4%
.	Missing	29	0.2%
		15,373	

Core Analyte Anti-inflammatory use in last 48 hrs

Took aspirin or anti-inflammatory agents in last 48 hours before blood draw.

Variable # 13

Sas Name: ANTIINFL

Sas Label: Anti-inflammatory use in last 48 hours

Usage Notes: none

Categories: Clinical Tests: Blood

Values		N	%
0	No	10,966	71.3%
1	Yes	4,361	28.4%
.	Missing	46	0.3%
		15,373	

WHI Baseline and Follow-Up Data

Core Analyte Results

Data File: core_ct_pub   **File Date:** 07/18/2007 **Structure:** Multiple rows per participant **Population:** Subsample of CT participants

Core Analyte Serum is lipemic

For HRT and HRT + DM screening visit and annual visits. Serum is lipemic.

Variable # 14

Sas Name: LIPEMIC

Sas Label: Serum is lipemic

Values		N	%
0	No	14,433	93.9%
1	Yes	115	0.7%
.	Missing	825	5.4%
		15,373	

Usage Notes: none

Categories: Clinical Tests: Blood

Core Analyte Alpha-Carotene (ug/ml)

Variable # 15

Sas Name: COREACAR

Sas Label: Core Alpha-Carotene (ug/ml)

N	Min	Max	Mean	Std Dev
15283	0	1.499	.07496	.07373

Usage Notes: none

Categories: Clinical Tests: Blood

Core Analyte Alpha-Tocopherol (ug/ml)

Variable # 16

Sas Name: COREATOC

Sas Label: Core Alpha-Tocopherol (ug/ml)

N	Min	Max	Mean	Std Dev
15285	.11	99.71	17.26971	8.01512

Usage Notes: none

Categories: Clinical Tests: Blood

Core Analyte Beta-Carotene (ug/ml)

Variable # 17

Sas Name: COREBCAR

Sas Label: Core Beta-Carotene (ug/ml)

N	Min	Max	Mean	Std Dev
15282	.002	7.323	.31798	.3305

Usage Notes: none

Categories: Clinical Tests: Blood

Core Analyte Beta-Cryptoxanthine (ug/ml)

Variable # 18

Sas Name: COREBCXA

Sas Label: Core Beta-Cryptoxanthine (ug/ml)

N	Min	Max	Mean	Std Dev
15283	.003	3.849	.10438	.11261

Usage Notes: none

Categories: Clinical Tests: Blood

WHI Baseline and Follow-Up Data

Core Analyte Results

Data File: core_ct_pub   **File Date:** 07/18/2007 **Structure:** Multiple rows per participant **Population:** Subsample of CT participants

Core Analyte Factor VII Antigen, activity (%)

Variable # 19

Sas Name: COREF7AG

Sas Label: Core Factor VII Antigen, activity (%)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
14768	18	895	126.24436	32.64388

Core Analyte Factor VII concentration (%)

Variable # 20

Sas Name: COREF7C

Sas Label: Core Factor VII concentration (%)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
14621	10	300	127.96724	31.87078

Core Analyte Fibrinogen (mg/dl)

Variable # 21

Sas Name: COREFIBR

Sas Label: Core Fibrinogen (mg/dl)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
14746	72	763	300.05852	61.81484

Core Analyte Glucose (Mg/dl)

Variable # 22

Sas Name: COREGLUC

Sas Label: Core Glucose (Mg/dl)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15336	4	452	102.32153	30.06145

Core Analyte Gamma-Tocopherol (ug/ml)

Variable # 23

Sas Name: COREGTOC

Sas Label: Core Gamma-Tocopherol (ug/ml)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15284	.03	26.75	1.91826	1.3692

Core Analyte High-Density Lipoprotein-2 (Mg/dl)

Variable # 24

Sas Name: COREHDL2

Sas Label: Core High-Density Lipoprotein-2 (Mg/dl)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15052	2	77	17.84773	7.70974

WHI Baseline and Follow-Up Data

Core Analyte Results

Data File: core_ct_pub   **File Date:** 07/18/2007 **Structure:** Multiple rows per participant **Population:** Subsample of CT participants

Core Analyte High-Density Lipoprotein-3 (Mg/dl)

Variable # 25
Sas Name: COREHDL3
Sas Label: Core High-Density Lipoprotein-3 (Mg/dl)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15058	10	91	40.69611	9.04449

Core Analyte High-Density Lipoprotein Chol (Mg/dl)

High-Density Lipoprotein Cholesterol

Variable # 26
Sas Name: COREHDLC
Sas Label: Core HDL Cholesterol (Mg/dl)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15306	18	142	58.53776	15.20477

Core Analyte Insulin (uIU/ml) (RIA method)

Variable # 27
Sas Name: COREINSU
Sas Label: Core Insulin (uIU/ml) (RIA method)

Usage Notes: The insulin test for the core analytes changed. The majority of insulin testing used the RIA method. Later testing, however, used an automated ES300 method. Therefore, insulin results are split into two separate variables, dependent on the method used, RIA or ES300. The ES300 and RIA methods gave comparable results at insulin levels that WHI participants were likely to have, but the correlation between the ES300 and RIA methods was less good when insulin values exceeded 60 uIU/ml.

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
11926	2.8	427.4	12.45683	10.10214

Core Analyte Insulin (uIU/ml) (ES300 method)

Variable # 28
Sas Name: COREINSU2
Sas Label: Core Insulin (uIU/ml) (automated ES300 method)

Usage Notes: The insulin test for the core analytes changed. The majority of insulin testing used the RIA method. Later testing, however, used an automated ES300 method. Therefore, insulin results are split into two separate variables, dependent on the method used, RIA or ES300. The ES300 and RIA methods gave comparable results at insulin levels that WHI participants were likely to have, but the correlation between the ES300 and RIA methods was less good when insulin values exceeded 60 uIU/ml.

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
2999	.5	1749	11.51731	35.28318

Core Analyte Low-Density Lipoprotein Chol (Mg/dl)

Low-Density Lipoprotein Cholesterol

Variable # 29
Sas Name: CORELDLC
Sas Label: Core LDL Cholesterol (Mg/dl)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15076	21	447	128.52713	35.19223

Data File: core_ct_pub   **File Date:** 07/18/2007 **Structure:** Multiple rows per participant **Population:** Subsample of CT participants

Core Analyte Apolipoprotein(a) (Mg/dl)

Variable # 30

Sas Name: CORELPA

Sas Label: Core Apolipoprotein(a) (Mg/dl)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15095	1	282	27.71746	26.76448

Core Analyte Lycopene (ug/ml)

Variable # 31

Sas Name: CORELYCP

Sas Label: Core Lycopene (ug/ml)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15284	.001	1.692	.38597	.19882

Core Analyte Lutein and Zeaxanthin (ug/ml)

Variable # 32

Sas Name: CORELZXA

Sas Label: Core Lutein and Zeaxanthin (ug/ml)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15284	.011	2.532	.21348	.10786

Core Analyte Retinol (ug/ml)

Variable # 33

Sas Name: CORERETI

Sas Label: Core Retinol (ug/ml)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15285	.08	1.8	.60349	.15608

Core Analyte Total Cholesterol (Mg/dl)

Variable # 34

Sas Name: CORETCHO

Sas Label: Core Total Cholesterol (Mg/dl)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15342	68	560	217.04393	37.83565

Core Analyte Triglyceride (Mg/dl)

Variable # 35

Sas Name: CORETRI

Sas Label: Core Triglyceride (Mg/dl)

Usage Notes: none

Categories: Clinical Tests: Blood

N	Min	Max	Mean	Std Dev
15342	29	2660	152.29475	87.39556