



TO: HCHS/SOL Steering Committee and Project Managers

CC: Subcommittee Chairs, Reading Center Investigators

FROM: Marston Youngblood, HCHS Coordinating Center

DATE: October 19, 2012

RE: HCHS/SOL Management Report for September 2012

137 E. FRANKLIN STREET
SUITE 203
CAMPUS BOX 8030
CHAPEL HILL, NC 27599-8030

T 919.962.6971
F 919.962.3265
www.cscsc.unc.edu

Attached is the HCHS/SOL Management Report produced during September 2012. We cut-off the inclusion of data used in this report on September 19th when the SAS analysis files were created. The content of the report is focused on Annual Follow-up and Endpoints in the HCHS/SOL cohort. (refer to the November 2011 OSMB report or earlier 2011 versions of the monthly management report post on the study web site for descriptive statistics or recruitment related tables.)

Recruitment is now also closed for SOLNAS, the active ancillary studies are SUENO, Echo SOL, and SOL-Youth. Screening forms entered by the respective ancillary studies in Table 2.9 show that 55% of our study participants have been screened by at least one ancillary study, and of those participants approximately 55% also agree to participate. Around 11.4% of the cohort (n=1030) have agreed to participate in two studies, while 226 people have agreed to participate in three studies. Table 2.9a on cumulative participant burden shows that individuals in 2-3 studies have contributed 7 hours of their time above the baseline commitment. The relatively few people participating in four studies average 15.6 hours of time spent in ancillary studies.

The results for the first year of annual follow-up for the 14,624 cohort members now outside the contact window (table 2.15a) shows the rate of contact was 95.6%, percent interviewed 87.4%, and eligibility for the next year AFU interview 98.7%. The comparable response rate for AFU year 2 interviews (table 2.15b) for 8,553 participants past the contact window for AFU 2 which is two years and six months post baseline exam. The rate of contact for the 2nd year was 93.8%, percent interviewed 85.9, and eligibility for the next year AFU interview was 98.7%. Table 2.15c for AFU year 3 closed interviews has 2,942 participants past the six-month long contact window. The rate of contact for the 3rd year cohort is now 90.2, percent interviewed 84.3, and eligibility for the next year AFU interview 99%. The next version of this report will be able to report on the first individuals who are past their 4th annual follow-up contact window.

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Table 2.1 Completion of Baseline Exams by Center

	<u>Bronx</u> <u>(N=4160)</u>		<u>Chicago</u> <u>(N=4142)</u>		<u>Miami</u> <u>(N=4089)</u>		<u>San Diego</u> <u>(N=4099)</u>		<u>Overall</u> <u>(N=16490)</u>	
	N	%	N	%	N	%	N	%	N	%
Questionnaire battery										
a. Complete	3557	85.5	4039	97.5	3952	96.7	4039	98.5	15587	94.5
b. Partial	590	14.2	98	2.4	135	3.3	58	1.4	881	5.3
Exam Procedure										
a. Complete	3574	85.9	4071	98.3	3912	95.7	4021	98.1	15578	94.5
b. Partial	559	13.4	66	1.6	175	4.3	74	1.8	874	5.3
Full Protocol Visit										
a. Complete	3480	83.7	4016	97.0	3859	94.4	4010	97.8	15365	93.2
b. Partial	667	16.0	121	2.9	228	5.6	87	2.1	1103	6.7
Full Core Visit for Subgroup with a Partial Visit										
a. Core Questionnaires	543	81.4	90	74.4	178	78.1	48	55.2	859	77.9
b. Core Procedures	551	82.6	108	89.3	199	87.3	52	59.8	910	82.5
c. Complete Core Qx and Procedures	502	75.3	81	66.9	170	74.6	43	49.4	796	72.2
Full Protocol or Full Core Visits	3982	95.7	4097	98.9	4029	98.5	4053	98.9	16161	98.0
Full Annual Follow-Up Eligible Visits	4118	100.0	4134	100.0	4077	100.0	4086	100.0	16415	100.0

Definitions: Complete = all forms (or procedures) are present per data collection schedule
Partial = at least one form (or procedure) is missing
Full protocol visit = Complete questionnaire battery + Complete exam procedures
Core visit = Anthro, ABP, SBP, ECG, Blood draw, Diet recall, Alcohol use, Econ, Medical Hx, Meds, Neurocognitive, Physical Act, SF-12, Sociocultural, Tobacco use, Identifiers and personal information
Full AFU Eligible - Anthro,SBP,BIOA and Blood draw,Medical Hx,Identifiers and personal information

Based on analysis files created on September 19, 2012.

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Table 2.9 Ancillary Study Screening and Recruitment by Center

Ancillary Study Screening and Enrollment	Bronx (N=4156)		Chicago (N=4138)		Miami (N=4087)		San Diego (N=4099)		Overall (N=16480)	
	N	%	N	%	N	%	N	%	N	%
Participants screened for ancillary studies¹	2160	52.0	2448	59.2	2401	58.7	2006	48.9	9015	54.7
Sociocultural screened for participation	1784		2118		2193		1736		7831	
Refuses to participate²	256	14.3	118	5.6	267	12.2	230	13.2	871	11.1
Agrees to participate (goal=5,280)	1360	76.2	1330	62.8	1317	60.1	1351	77.8	5358	68.4
SUENO screened for participation	432		752		396		352		1932	
Refuses to participate	25	5.8	62	8.2	52	13.1	21	6.0	160	8.3
Agrees to participate (goal=2,000)	290	67.1	347	46.1	259	65.4	173	49.1	1069	55.3
SOLNAS screened for participation	380		372		274		322		1348	
Refuses to participate	93	24.5	104	28.0	66	24.1	79	24.5	342	25.4
Agrees to participate (goal=476)	164	43.2	140	37.6	166	60.6	134	41.6	604	44.8
ECHO SOL screened for participation	252		311		123		361		1047	
Refuses to participate	7	2.8	21	6.8	0	--	52	14.4	80	7.6
Agrees to participate (goal=1800)	181	71.8	186	59.8	123	100.0	173	47.9	663	63.3
Overall Ancillary Study Enrollment										
Participant in one ancillary study	1274	59.0	1153	47.1	1226	51.1	1267	63.2	4920	54.6
Participant in two ancillary studies	234	10.8	324	13.2	250	10.4	222	11.1	1030	11.4
Participant in three studies	75	3.5	66	2.7	45	1.9	40	2.0	226	2.5
Participant in four studies	7	0.3	1	0.0	1	0.0	0	--	9	0.1

Based on ancillary study analysis files ANE created on September 20, 2011 (Sociocultural) and August 10, 2012 (SUENO) and file TSE created on September 5, 2012 (SOLNAS) and file ESE created on August 3, 2012 (ECHO SOL) and the main Participant Derived Variable file.

- Note: 1) Denominator for overall participants screened is number seen for baseline examination.
2) Denominator for refusal agreement is number screened for an ancillary study.
3) Counts report only those who explicitly refuse or agree for all screening forms submitted to coordinating center and do not adjust for ineligible or missing data.

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Table 2.9a Ancillary Study Estimates of Participant Burden by Center

Ancillary Study Estimated Burden in Hours	<u>Bronx</u> <u>(N=4156)</u>			<u>Chicago</u> <u>(N=4138)</u>			<u>Miami</u> <u>(N=4087)</u>			<u>San Diego</u> <u>(N=4099)</u>			<u>Overall</u> <u>(N=16480)</u>		
	N	Mean	s.d.	N	Mean	s.d.	N	Mean	s.d.	N	Mean	s.d.	N	Mean	s.d.
Participants in one ancillary study	1274	3.2	1.97	1153	3.3	2.02	1226	3.2	1.85	1267	3.5	2.13	4920	3.3	2.00
Participants in two ancillary studies	234	6.5	4.40	324	5.8	3.93	250	6.8	4.40	222	5.6	3.80	1030	6.2	4.15
Participants in three studies	75	7.1	4.12	66	5.4	2.15	45	9.3	4.79	40	4.9	0.00	226	6.6	3.73
Participants in four studies	7	15.6	0.00	1	15.6		1	15.6		0	--	--	9	15.6	0.00

Based on ancillary study analysis files ANE created on September 20, 2011 (Sociocultural) and August 10, 2012 (SUENO) and file TSE created on September 5, 2012 (SOLNAS) and file ESE created on August 3, 2012 (ECHO SOL) and the main Participant Derived Variable file.

Note: 1) Denominator for overall participants screened is number seen for baseline examination.

2) Denominator for refusal agreement is number screened for an ancillary study.

3) Estimated average hours of burden per person is based upon the cumulative reported burden for individuals screened and agreeing to participate in those studies.

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**Table 2.13 Presence of a Phone Number for the Participant and their Various Contacts by Center
From Baseline Examination Contact Information Form**

Phone Numbers	Bronx (N=4118)		Miami (N=4077)		San Diego (N=4086)		Overall (N=12281)	
	N	%	N	%	N	%	N	%
Participant primary	4053	98.4	3941	96.7	4040	98.9	12034	98.0
Participant secondary	2108	51.2	1414	34.7	2138	52.3	5660	46.1
Participant with any phone number	4073	98.9	4062	99.6	4080	99.9	12215	99.5
First contact	3685	89.5	3605	88.4	3857	94.4	11147	90.8
Second contact	1501	36.5	1995	48.9	3668	89.8	7164	58.3
Third contact	174	4.2	344	8.4	1621	39.7	2139	17.4
At least one alternate contact phone number	3719	90.3	3625	88.9	3922	96.0	11266	91.7
Participants with no phone number for Follow-up	23	0.6	7	0.2	1	0.0	31	0.3

Based on analysis files created on September 19, 2012.

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**Table 2.13a Presence of a Phone Number for the Participant and their Various Contacts by Center
From Year 1 Annual Follow-up Contact Information Form**

Phone Numbers	Bronx (N=3853)		Miami (N=4048)		San Diego (N=3998)		Overall (N=11899)	
	N	%	N	%	N	%	N	%
Participant primary	3451	89.6	3968	98.0	3935	98.4	11354	95.4
Participant secondary	1917	49.8	1451	35.8	2157	54.0	5525	46.4
Participant with any phone number	3471	90.1	4026	99.5	3986	99.7	11483	96.5
First contact	3188	82.7	3919	96.8	3786	94.7	10893	91.6
Second contact	1376	35.7	2834	70.0	3579	89.5	7789	65.5
Third contact	195	5.1	999	24.7	1673	41.9	2867	24.1
At least one alternate contact phone number	3232	83.9	3940	97.3	3899	97.5	11071	93.0
Participants with no phone number for Follow-up	369	9.6	15	0.4	4	0.1	388	3.3

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

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**Table 2.13b Presence of a Phone Number for the Participant and their Various Contacts by Center
From Year 2 Annual Follow-up Contact Information Form**

Phone Numbers	Bronx (N=2410)		Miami (N=2747)		San Diego (N=2893)		Overall (N=8050)	
	N	%	N	%	N	%	N	%
Participant primary	2279	94.6	2665	97.0	2823	97.6	7767	96.5
Participant secondary	1316	54.6	743	27.1	1536	53.1	3595	44.7
Participant with any phone number	2305	95.6	2670	97.2	2876	99.4	7851	97.5
First contact	2102	87.2	2604	94.8	2688	92.9	7394	91.9
Second contact	854	35.4	2077	75.6	2515	86.9	5446	67.7
Third contact	124	5.2	809	29.5	850	29.4	1783	22.2
At least one alternate contact phone number	2144	89.0	2624	95.5	2806	97.0	7574	94.1
Participants with no phone number for Follow-up	99	4.1	74	2.7	8	0.3	181	2.3

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

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**Table 2.13c Presence of a Phone Number for the Participant and their Various Contacts by Center
From Year 3 Annual Follow-up Contact Information Form**

Phone Numbers	Bronx (N=967)		Miami (N=986)		San Diego (N=1432)		Overall (N=3385)	
	N	%	N	%	N	%	N	%
Participant primary	858	88.7	962	97.6	1397	97.6	3217	95.0
Participant secondary	487	50.4	352	35.7	710	49.6	1549	45.8
Participant with any phone number	870	90.0	963	97.7	1424	99.4	3257	96.2
Local Contact 1	803	83.0	951	96.5	1289	90.0	3043	89.9
Local Contact 2	341	35.3	807	81.9	1182	82.5	2330	68.8
Local Contact 3	65	6.7	424	43.0	304	21.2	793	23.4
At least one alternate contact phone number	821	84.9	958	97.2	1375	96.0	3154	93.2
Participants with no phone number for Follow-up	96	9.9	20	2.0	8	0.6	124	3.7

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

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Table 2.14 Reported Vital Status for Participants after First Annual Follow-up Interview by Field Center
All study participants who are eligible for Annual Follow-up Contact Year 1

Reported Vital Status of Follow-up	Bronx (N=4117)		Chicago (N=4133)		Miami (N=4076)		San Diego (N=4085)		Overall ¹ (N=16411)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	4117	100.0	4133	100.0	4076	100.0	4085	100.0	16411	100.0
Participants with AFU Information Present²	3868	94.0	4000	96.8	4062	99.7	4011	98.2	15941	97.1
Contacted and Alive	3345	86.5	3570	89.3	3771	92.8	3560	88.8	14246	89.4
Contacted and Refused Interview	35	0.9	58	1.5	33	0.8	27	0.7	153	1.0
Not Contacted, Reported Alive	358	9.3	268	6.7	105	2.6	343	8.6	1074	6.7
Not Contacted, Reported Deceased	14	0.4	7	0.2	14	0.3	10	0.3	45	0.3
Unknown Vital Status	116	3.0	97	2.4	139	3.4	71	1.8	423	2.7

Based on analysis files created on September 19, 2012.

(1) For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1). Note 4 individuals withdrew consent for follow up.

(2) AFU Present = If General Health section of AFU present with a valid value for question GHEA1 (does not depend on AFT submission).

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Table 2.14a Reported Vital Status for Participants after First Annual Follow-up Interview by Field Center
Only study participants who are past the Annual Follow-up Contact Year 1 window (baseline visit + 1.5 years)

Reported Vital Status of Follow-up	Bronx (N=4117)		Chicago (N=4133)		Miami (N=4076)		San Diego (N=4085)		Overall ¹ (N=16411)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	3675	89.3	3619	87.6	3621	88.8	3709	90.8	14624	89.1
Participants with AFU Information Present²	3494	95.1	3554	98.2	3618	99.9	3674	99.1	14340	98.1
Contacted and Alive	3060	87.6	3124	87.9	3332	92.1	3228	87.9	12744	88.9
Contacted and Refused Interview	34	1.0	58	1.6	32	0.9	24	0.7	148	1.0
Not Contacted, Reported Alive	329	9.4	268	7.5	104	2.9	343	9.3	1044	7.3
Not Contacted, Reported Deceased	14	0.4	7	0.2	14	0.4	8	0.2	43	0.3
Unknown Vital Status	57	1.6	97	2.7	136	3.8	71	1.9	361	2.5

Based on analysis files created on September 19, 2012.

(1) For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1). Note 4 individuals withdrew consent for follow up.

(2) AFU Present = If General Health section of AFU present with a valid value for question GHEA1 (does not depend on AFT submission).

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Table 2.14b Reported Vital Status for Participants after Second Annual Follow-up Interview by Field Center
All study participants who are eligible for Annual Follow-up Contact Year 2

Reported Vital Status of Follow-up	Bronx (N=2422)		Chicago (N=2613)		Miami (N=2759)		San Diego (N=2895)		Overall (N=16363)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	2422	100.0	2613	100.0	2759	100.0	2895	100.0	11963	73.1
Participants with AFU Information Present¹	2422	100.0	2613	100.0	2759	100.0	2895	100.0	10689	89.4
Contacted and Alive	2004	82.7	2368	90.6	2531	91.7	2568	88.7	9471	88.6
Contacted and Refused Interview	17	0.7	21	0.8	29	1.1	23	0.8	90	0.8
Not Contacted, Reported Alive	234	9.7	130	5.0	69	2.5	210	7.3	643	6.0
Not Contacted, Reported Deceased	12	0.5	7	0.3	12	0.4	4	0.1	35	0.3
Unknown Vital Status	155	6.4	87	3.3	118	4.3	90	3.1	450	4.2

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Present = If General Health section of AFU present with a valid value for question GHEA1 (does not depend on AFT submission).

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Table 2.14c Reported Vital Status for Participants after Third Annual Follow-up Interview by Field Center
All study participants who are eligible for Annual Follow-up Contact Year 3

Reported Vital Status of Follow-up	Bronx (N=4090)		Chicago (N=4116)		Miami (N=4050)		San Diego (N=4069)		Overall (N=16325)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	1419	34.7	1706	41.5	1242	30.7	1815	44.6	6182	37.9
Participants with AFU Information Present¹	1041	73.4	1358	79.6	1044	84.1	1465	80.7	4908	79.4
Contacted and Alive	847	81.4	1277	94.0	930	89.1	1379	94.1	4433	90.3
Contacted and Refused Interview	5	0.5	7	0.5	2	0.2	9	0.6	23	0.5
Not Contacted, Reported Alive	92	8.8	32	2.4	54	5.2	30	2.1	208	4.2
Not Contacted, Reported Deceased	7	0.7	2	0.2	8	0.8	4	0.3	21	0.4
Unknown Vital Status	90	8.7	40	3.0	50	4.8	43	2.9	223	4.5

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Present = If General Health section of AFU present with a valid value for question GHEB1 (does not depend on AFT submission).

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Table 2.15a First Annual Follow-up Response for Participants past the Year 1 Contact Window (Baseline visit + 1.5 years)

Reported Follow-up Status at End of Contact Year 1	Bronx (N=4117)		Chicago (N=4133)		Miami (N=4076)		San Diego (N=4085)		Overall ¹ (N=16411)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	3675		3619		3621		3709		14624	
Missing AFU forms²	181	4.9	65	1.8	3	0.1	35	0.9	284	1.9
Unknown Vital Status	57	1.6	97	2.7	136	3.8	71	1.9	361	2.5
Deceased	14	0.4	7	0.2	14	0.4	8	0.2	43	0.3
Contacted and Refused Interview	34	0.9	58	1.6	32	0.9	24	0.7	148	1.0
Contacted by Proxy, Reported Alive	329	9.0	268	7.4	104	2.9	343	9.3	1044	7.1
Contacted and Interviewed	3060	83.3	3124	86.3	3332	92.0	3228	87.0	12744	87.1
Complete AFU Interview³	3007	81.8	3090	85.4	3315	91.6	3141	84.7	12553	85.8
Partial AFU Interview⁴	53	1.4	34	0.9	17	0.5	87	2.4	191	1.3
Core AFU Interview⁵	18	34.0	15	44.1	7	41.2	27	31.0	67	35.1
Contact rate for follow-up⁶	3437	93.5	3457	95.5	3482	96.2	3603	97.1	13979	95.6
Response rate for follow-up⁷	3060	83.6	3124	86.5	3332	92.4	3228	87.2	12744	87.4
Eligible for next year follow-up⁸	3627	98.7	3554	98.2	3575	98.7	3677	99.1	14433	98.7

Based on analysis files created on September 19, 2012.

(1) For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1). Note 4 individuals withdrew consent for follow up.

(2) AFU Missing: no forms present in database with data reported.

(3) AFU form content completed (GHEA,HOEA,OPEA,MEEA).

(4) Respondents with vital status but missing general health or hospitalization questions.

(5) Respondents with vital status and hospitalization information (GHEA1,GHEA2,HOEA3).

(6) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(7) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(8) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15a1 First Annual Follow-up Response for Participants past the Year 1 Contact Window (Baseline visit + 1.5 years), by Gender

Reported Follow-up Status at End of Contact Year 1	Female (N=9832)		Male (N=6579)		Overall ¹ (N=16411)	
	N	%	N	%	N	%
Expected Number of Annual Interviews	8721		5903		14624	
Missing AFU forms²	160	1.8	124	2.1	284	1.9
Unknown Vital Status	172	2.0	189	3.2	361	2.5
Deceased	21	0.2	22	0.4	43	0.3
Contacted and Refused Interview	93	1.1	55	0.9	148	1.0
Contacted by Proxy, Reported Alive	550	6.3	494	8.4	1044	7.1
Contacted and Interviewed	7725	88.6	5019	85.0	12744	87.1
Complete AFU Interview³	7614	87.3	4939	83.7	12553	85.8
Partial AFU Interview⁴	111	1.3	80	1.4	191	1.3
Core AFU Interview⁵	36	32.4	31	38.8	67	35.1
Contact rate for follow-up⁶	8389	96.2	5590	94.7	13979	95.6
Response rate for follow-up⁷	7725	88.8	5019	85.3	12744	87.4
Eligible for next year follow-up⁸	8607	98.7	5826	98.7	14433	98.7

Based on analysis files created on September 19, 2012.

{1} For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1). Note 4 individuals withdrew consent for follow up.

(2) AFU Missing: no forms present in database with data reported.

(3) AFU form content completed (GHEA,HOEA,OPEA,MEEA).

(4) Respondents with vital status but missing general health or hospitalization questions.

(5) Respondents with vital status and hospitalization information (GHEA1,GHEA2,HOEA3).

(6) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(7) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(8) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15a2 First Annual Follow-up Response for Participants past the Year 1 Contact Window (Baseline visit + 1.5 years), by Place of Birth

Reported Follow-up Status at End of Contact Year 1	Foreign Born (N=13476)		US Born (N=2862)		Missing (N=73)		Overall ¹ (N=16411)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	12019		2540		65		14624	
Missing AFU forms²	193	1.6	67	2.6	24	36.9	284	1.9
Unknown Vital Status	287	2.4	71	2.8	3	4.6	361	2.5
Deceased	34	0.3	9	0.4	0	0.0	43	0.3
Contacted and Refused Interview	115	1.0	30	1.2	3	4.6	148	1.0
Contacted by Proxy, Reported Alive	754	6.3	281	11.1	9	13.9	1044	7.1
Contacted and Interviewed	10636	88.5	2082	82.0	26	40.0	12744	87.1
Complete AFU Interview³	10495	87.3	2032	80.0	26	40.0	12553	85.8
Partial AFU Interview⁴	141	1.2	50	2.0	0	0.0	191	1.3
Core AFU Interview⁵	48	34.0	19	38.0			67	35.1
Contact rate for follow-up⁶	11539	96.0	2402	94.6	38	58.5	13979	95.6
Response rate for follow-up⁷	10636	88.7	2082	82.3	26	40.0	12744	87.4
Eligible for next year follow-up⁸	11870	98.8	2501	98.5	62	95.4	14433	98.7

Based on analysis files created on September 19, 2012.

(1) For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1). Note 4 individuals withdrew consent for follow up.

(2) AFU Missing: no forms present in database with data reported.

(3) AFU form content completed (GHEA,HOEA,OPEA,MEEA).

(4) Respondents with vital status but missing general health or hospitalization questions.

(5) Respondents with vital status and hospitalization information (GHEA1,GHEA2,HOEA3).

(6) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(7) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(8) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15a3 First Annual Follow-up Response for Participants past the Year 1 Contact Window (Baseline visit + 1.5 years), by Employment Status

Reported Follow-up Status at End of Contact Year 1	Not Employed (N=7951)		Employed (N=8154)		Missing (N=306)		Overall ¹ (N=16411)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	7063		7267		294		14624	
Missing AFU forms ²	110	1.6	109	1.5	65	22.1	284	1.9
Unknown Vital Status	174	2.5	180	2.5	7	2.4	361	2.5
Deceased	30	0.4	12	0.2	1	0.3	43	0.3
Contacted and Refused Interview	62	0.9	79	1.1	7	2.4	148	1.0
Contacted by Proxy, Reported Alive	478	6.8	525	7.2	41	14.0	1044	7.1
Contacted and Interviewed	6209	87.9	6362	87.6	173	58.8	12744	87.1
Complete AFU Interview ³	6125	86.7	6259	86.1	169	57.5	12553	85.8
Partial AFU Interview ⁴	84	1.2	103	1.4	4	1.4	191	1.3
Core AFU Interview ⁵	30	35.7	35	34.0	2	50.0	67	35.1
Contact rate for follow-up⁶	6779	96.0	6978	96.0	222	75.5	13979	95.6
Response rate for follow-up⁷	6209	88.3	6362	87.7	173	59.0	12744	87.4
Eligible for next year follow-up⁸	6971	98.7	7176	98.8	286	97.3	14433	98.7

Based on analysis files created on September 19, 2012.

(1) For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1). Note 4 individuals withdrew consent for follow up.

(2) AFU Missing: no forms present in database with data reported.

(3) AFU form content completed (GHEA,HOEA,OPEA,MEEA).

(4) Respondents with vital status but missing general health or hospitalization questions.

(5) Respondents with vital status and hospitalization information (GHEA1,GHEA2,HOEA3).

(6) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(7) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(8) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15a4 First Annual Follow-up Response for Participants past the Year 1 Contact Window (Baseline visit + 1.5 years), by AGEGROUP_C3_MR

Reported Follow-up Status at End of Contact Year 1	18-24 (N=1662)		25-44 (N=5036)		>=45 (N=9713)		Overall ¹ (N=16411)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	1508		4491		8625		14624	
Missing AFU forms²	35	2.3	117	2.6	132	1.5	284	1.9
Unknown Vital Status	59	3.9	128	2.9	174	2.0	361	2.5
Deceased	2	0.1	9	0.2	32	0.4	43	0.3
Contacted and Refused Interview	13	0.9	45	1.0	90	1.0	148	1.0
Contacted by Proxy, Reported Alive	208	13.8	408	9.1	428	5.0	1044	7.1
Contacted and Interviewed	1191	79.0	3784	84.3	7769	90.1	12744	87.1
Complete AFU Interview³	1160	76.9	3716	82.7	7677	89.0	12553	85.8
Partial AFU Interview⁴	31	2.1	68	1.5	92	1.1	191	1.3
Core AFU Interview⁵	9	29.0	19	27.9	39	42.4	67	35.1
Contact rate for follow-up⁶	1414	93.8	4246	94.5	8319	96.5	13979	95.6
Response rate for follow-up⁷	1191	79.1	3784	84.4	7769	90.4	12744	87.4
Eligible for next year follow-up⁸	1493	99.0	4437	98.8	8503	98.6	14433	98.7

Based on analysis files created on September 19, 2012.

(1) For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1). Note 4 individuals withdrew consent for follow up.

(2) AFU Missing: no forms present in database with data reported.

(3) AFU form content completed (GHEA,HOEA,OPEA,MEEA).

(4) Respondents with vital status but missing general health or hospitalization questions.

(5) Respondents with vital status and hospitalization information (GHEA1,GHEA2,HOEA3).

(6) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(7) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(8) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15b Second Annual Follow-up Response for Participants past the Year 2 Contact Window (Baseline visit + 2.5 years)

Reported Follow-up Status at End of Contact Year 2	Bronx (N=4103)		Chicago (N=4124)		Miami (N=4062)		San Diego (N=4074)		Overall (N=16363)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	2014		2279		1944		2316		8553	
Missing AFU forms ¹	92	4.6	27	1.2	2	0.1	32	1.4	153	1.8
Unknown Vital Status	84	4.2	86	3.8	118	6.1	90	3.9	378	4.4
Deceased	10	0.5	6	0.3	10	0.5	2	0.1	28	0.3
Contacted and Refused Interview	16	0.8	21	0.9	29	1.5	21	0.9	87	1.0
Contacted by Proxy, Reported Alive	176	8.7	130	5.7	69	3.6	209	9.0	584	6.8
Contacted and Interviewed	1636	81.2	2009	88.2	1716	88.3	1962	84.7	7323	85.6
Complete AFU Interview ⁴	1597	79.3	1993	87.5	1710	88.0	1909	82.4	7209	84.3
Partial AFU Interview ²	39	1.9	16	0.7	6	0.3	53	2.3	114	1.3
Core AFU Interview ³	31	79.5	13	81.3	3	50.0	16	30.2	63	55.3
Contact rate for follow-up⁵	1838	91.3	2166	95.0	1824	93.8	2194	94.7	8022	93.8
Response rate for follow-up⁶	1636	81.6	2009	88.4	1716	88.7	1962	84.8	7323	85.9
Eligible for next year follow-up⁷	1988	98.7	2252	98.8	1905	98.0	2293	99.0	8438	98.7

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Missing: no forms present in database with data reported.

(2) Respondents with vital status but missing general health or hospitalization questions.

(3) Respondents with vital status and hospitalization information (GHEA1,GHEA2,HOEA3).

(4) AFU form content completed (GHEA,HOEA,OPEA,MEEB,EVEA).

(5) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(6) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(7) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15b1 Second Annual Follow-up Response for Participants past the Year 2 Contact Window (Baseline visit + 2.5 years) by gender

Reported Follow-up Status at End of Contact Year 2	Female (N=9807)		Male (N=6556)		Overall (N=16363)	
	N	%	N	%	N	%
Expected Number of Annual Interviews	5083		3470		8553	
Missing AFU forms¹	90	1.8	63	1.8	153	1.8
Unknown Vital Status	197	3.9	181	5.2	378	4.4
Deceased	15	0.3	13	0.4	28	0.3
Contacted and Refused Interview	50	1.0	37	1.1	87	1.0
Contacted by Proxy, Reported Alive	309	6.1	275	7.9	584	6.8
Contacted and Interviewed	4422	87.0	2901	83.6	7323	85.6
Complete AFU Interview⁴	4360	85.8	2849	82.1	7209	84.3
Partial AFU Interview²	62	1.2	52	1.5	114	1.3
Core AFU Interview³	34	54.8	29	55.8	63	55.3
Contact rate for follow-up⁵	4796	94.4	3226	93.0	8022	93.8
Response rate for follow-up⁶	4422	87.3	2901	83.9	7323	85.9
Eligible for next year follow-up⁷	5018	98.7	3420	98.6	8438	98.7

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Missing: no forms present in database with data reported.

(2) Respondents with vital status but missing general health or hospitalization questions.

(3) Respondents with vital status and hospitalization information (GHEA1,GHEA2,HOEA3).

(4) AFU form content completed (GHEA,HOEA,OPEA,MEEB,EVEA).

(5) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(6) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(7) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15b2 Second Annual Follow-up Response for Participants past the Year 2 Contact Window (Baseline visit + 2.5 years) by Place of Birth

Reported Follow-up Status at End of Contact Year 2	Foreign Born (N=13438)		US Born (N=2852)		Missing (N=73)		Overall (N=16363)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	7010		1500		43		8553	
Missing AFU forms¹	109	1.6	26	1.7	18	41.9	153	1.8
Unknown Vital Status	310	4.4	65	4.3	3	7.0	378	4.4
Deceased	23	0.3	4	0.3	1	2.3	28	0.3
Contacted and Refused Interview	77	1.1	10	0.7	0	0.0	87	1.0
Contacted by Proxy, Reported Alive	423	6.0	155	10.3	6	14.0	584	6.8
Contacted and Interviewed	6068	86.6	1240	82.7	15	34.9	7323	85.6
Complete AFU Interview⁴	5997	85.6	1197	79.8	15	34.9	7209	84.3
Partial AFU Interview²	71	1.0	43	2.9	0	0.0	114	1.3
Core AFU Interview³	36	50.7	27	62.8	0	0.0	63	55.3
Contact rate for follow-up⁵	6591	94.0	1409	93.9	22	51.2	8022	93.8
Response rate for follow-up⁶	6068	86.9	1240	82.9	15	35.7	7323	85.9
Eligible for next year follow-up⁷	6910	98.6	1486	99.1	42	97.7	8438	98.7

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Missing: no forms present in database with data reported.

(2) Respondents with vital status but missing general health or hospitalization questions.

(3) Respondents with vital status and hospitalization information (GHEA1,GHEA2,HOEA3).

(4) AFU form content completed (GHEA,HOEA,OPEA,MEEB,EVEA).

(5) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(6) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(7) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15b3 Second Annual Follow-up Response for Participants past the Year 2 Contact Window (Baseline visit + 2.5 years) by Employment Status

Reported Follow-up Status at End of Contact Year 2	Not Employed (N=7918)		Employed (N=8140)		Missing (N=305)		Overall (N=16363)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	3993		4386		174		8553	
Missing AFU forms ¹	39	1.0	63	1.4	51	29.3	153	1.8
Unknown Vital Status	170	4.3	200	4.6	8	4.6	378	4.4
Deceased	23	0.6	5	0.1	0	0.0	28	0.3
Contacted and Refused Interview	37	0.9	47	1.1	3	1.7	87	1.0
Contacted by Proxy, Reported Alive	272	6.8	293	6.7	19	10.9	584	6.8
Contacted and Interviewed	3452	86.5	3778	86.1	93	53.5	7323	85.6
Complete AFU Interview ⁴	3410	85.4	3709	84.6	90	51.7	7209	84.3
Partial AFU Interview ²	42	1.1	69	1.6	3	1.7	114	1.3
Core AFU Interview ³	24	57.1	37	53.6	2	66.7	63	55.3
Contact rate for follow-up⁵	3784	94.8	4123	94.0	115	66.1	8022	93.8
Response rate for follow-up⁶	3452	87.0	3778	86.2	93	53.5	7323	85.9
Eligible for next year follow-up⁷	3933	98.5	4334	98.8	171	98.3	8438	98.7

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Missing: no forms present in database with data reported.

(2) Respondents with vital status but missing general health or hospitalization questions.

(3) Respondents with vital status and hospitalization information (GHEA1,GHEA2,HOEA3).

(4) AFU form content completed (GHEA,HOEA,OPEA,MEEB,EVEA).

(5) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(6) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(7) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15b4 Second Annual Follow-up Response for Participants past the Year 2 Contact Window (Baseline visit + 2.5 years) by AGEGROUP_C3_MR

Reported Follow-up Status at End of Contact Year 2	18-24 (N=1659)		25-44 (N=5026)		≥45 (N=9678)		Overall (N=16363)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	893		2648		5012		8553	
Missing AFU forms ¹	18	2.0	64	2.4	71	1.4	153	1.8
Unknown Vital Status	55	6.2	163	6.2	160	3.2	378	4.4
Deceased	1	0.1	1	0.0	26	0.5	28	0.3
Contacted and Refused Interview	5	0.6	23	0.9	59	1.2	87	1.0
Contacted by Proxy, Reported Alive	112	12.5	216	8.2	256	5.1	584	6.8
Contacted and Interviewed	702	78.6	2181	82.4	4440	88.6	7323	85.6
Complete AFU Interview ⁴	672	75.3	2141	80.9	4396	87.7	7209	84.3
Partial AFU Interview ²	30	3.4	40	1.5	44	0.9	114	1.3
Core AFU Interview ³	19	63.3	17	42.5	27	61.4	63	55.3
Contact rate for follow-up ⁵	820	91.8	2421	91.4	4781	95.4	8022	93.8
Response rate for follow-up ⁶	702	78.7	2181	82.4	4440	89.1	7323	85.9
Eligible for next year follow-up ⁷	887	99.3	2624	99.1	4927	98.3	8438	98.7

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Missing: no forms present in database with data reported.

(2) Respondents with vital status but missing general health or hospitalization questions.

(3) Respondents with vital status and hospitalization information (GHEA1,GHEA2,HOEA3).

(4) AFU form content completed (GHEA,HOEA,OPEA,MEEB,EVEA).

(5) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(6) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(7) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15c Third Annual Follow-up Response for Participants past the Year 3 Contact Window (Baseline visit + 3.5 years)

Reported Follow-up Status at End of Contact Year 3	<u>Bronx</u> (N=4090)		<u>Chicago</u> (N=4116)		<u>Miami</u> (N=4050)		<u>San Diego</u> (N=4069)		<u>Overall</u> (N=16325)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	753		746		529		914		2942	
Missing AFU forms¹	45	6.0	12	1.6	8	1.5	50	5.5	115	3.9
Unknown Vital Status	43	5.7	38	5.1	50	9.5	42	4.6	173	5.9
Deceased	7	0.9	1	0.1	5	1.0	2	0.2	15	0.5
Contacted and Refused Interview	2	0.3	3	0.4	2	0.4	8	0.9	15	0.5
Contacted by Proxy, Reported Alive	57	7.6	21	2.8	50	9.5	28	3.1	156	5.3
Contacted and Interviewed Participant/Designated Respondent	599	79.6	671	90.0	414	78.3	784	85.8	2468	83.9
Complete AFU Interview⁴	580	77.0	663	88.9	399	75.4	697	76.3	2339	79.5
Partial AFU Interview²	19	3.2	8	1.2	15	3.6	87	11.1	129	5.2
Core AFU Interview³	5	26.3	2	25.0	6	40.0	7	8.1	20	15.5
Contact rate for follow-up⁵	665	88.3	696	93.3	471	89.0	822	89.9	2654	90.2
Response rate for follow-up⁶	599	80.3	671	90.1	414	79.0	784	86.0	2468	84.3
Eligible for next year follow-up⁷	744	98.8	742	99.5	522	98.7	904	98.9	2912	99.0

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Missing: no forms present in database with data reported.

(2) Respondents with vital status but missing general health or hospitalization questions.

(3) Respondents with vital status and hospitalization information (GHEB1, GHEB2, HOEA3 for participants and GHEA1 and HOEA3 only for designated respondents).

(4) AFU form content completed (GHEB,HOEA,OPEA,MEEC,EVEB).

(5) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(6) Numerator: Number contacted and interviewed, Denominator: expected number of Interviews from Cohort not Deceased.

(7) number of AFU interviews for year 3.

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Table 2.15c1 Third Annual Follow-up Response for Participants past the Year 3 Contact Window (Baseline visit + 3.5 years) by gender

Reported Follow-up Status at End of Contact Year 3	Female (N=9787)		Male (N=6538)		Overall (N=16325)	
	N	%	N	%	N	%
Expected Number of Annual Interviews	1791		1151		2942	
Missing AFU forms¹	66	3.7	49	4.3	115	3.9
Unknown Vital Status	99	5.5	74	6.4	173	5.9
Deceased	6	0.3	9	0.8	15	0.5
Contacted and Refused Interview	8	0.5	7	0.6	15	0.5
Contacted by Proxy, Reported Alive	90	5.0	66	5.7	156	5.3
Contacted and Interviewed	1522	85.0	946	82.2	2468	83.9
Complete AFU Interview⁴	1441	80.5	898	78.0	2339	79.5
Partial AFU Interview²	81	5.3	48	5.1	129	5.2
Core AFU Interview³	14	17.3	6	12.5	20	15.5
Contact rate for follow-up⁵	1626	90.8	1028	89.3	2654	90.2
Response rate for follow-up⁶	1522	85.3	946	82.8	2468	84.3
Eligible for next year follow-up⁷	1777	99.2	1135	98.6	2912	99.0

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Missing: no forms present in database with data reported.

(2) Respondents with vital status but missing general health or hospitalization questions.

(3) Respondents with vital status and hospitalization information (GHEB1,GHEB2,HOEA3).

(4) AFU form content completed (GHEB,HOEA,OPEA,MEEC,EVEB).

(5) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(6) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(7) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15c2 Third Annual Follow-up Response for Participants past the Year 3 Contact Window (Baseline visit + 3.5 years) by Place of Birth

Reported Follow-up Status at End of Contact Year 3	Foreign Born (N=13408)		US Born (N=2845)		Missing (N=72)		Overall (N=16325)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	2380		537		25		2942	
Missing AFU forms ¹	87	3.7	15	2.8	13	52.0	115	3.9
Unknown Vital Status	139	5.8	32	6.0	2	8.0	173	5.9
Deceased	12	0.5	3	0.6	0	0.0	15	0.5
Contacted and Refused Interview	13	0.6	2	0.4	0	0.0	15	0.5
Contacted by Proxy, Reported Alive	118	5.0	37	6.9	1	4.0	156	5.3
Contacted and Interviewed	2011	84.5	448	83.4	9	36.0	2468	83.9
Complete AFU Interview ⁴	1919	80.6	413	76.9	7	28.0	2339	79.5
Partial AFU Interview ²	92	4.6	35	7.8	2	22.2	129	5.2
Core AFU Interview ³	15	16.3	5	14.3	0	0.0	20	15.5
Contact rate for follow-up⁵	2154	90.5	490	91.3	10	40.0	2654	90.2
Response rate for follow-up⁶	2011	84.9	448	83.9	9	36.0	2468	84.3
Eligible for next year follow-up⁷	2355	99.0	532	99.1	25	100.0	2912	99.0

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Missing: no forms present in database with data reported.

(2) Respondents with vital status but missing general health or hospitalization questions.

(3) Respondents with vital status and hospitalization information (GHEB1,GHEB2,HOEA3).

(4) AFU form content completed (GHEB,HOEA,OPEA,MEEC,EVEB).

(5) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(6) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(7) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15c3 Third Annual Follow-up Response for Participants past the Year 3 Contact Window (Baseline visit + 3.5 years) by Employment Status

Reported Follow-up Status at End of Contact Year 3	Not Employed (N=7889)		Employed (N=8131)		Missing (N=305)		Overall (N=16325)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	1329		1555		58		2942	
Missing AFU forms ¹	52	3.9	45	2.9	18	31.0	115	3.9
Unknown Vital Status	87	6.6	81	5.2	5	8.6	173	5.9
Deceased	11	0.8	4	0.3	0	0.0	15	0.5
Contacted and Refused Interview	5	0.4	9	0.6	1	1.7	15	0.5
Contacted by Proxy, Reported Alive	78	5.9	73	4.7	5	8.6	156	5.3
Contacted and Interviewed	1096	82.5	1343	86.4	29	50.0	2468	83.9
Complete AFU Interview ⁴	1046	78.7	1266	81.4	27	46.6	2339	79.5
Partial AFU Interview ²	50	4.6	77	5.7	2	6.9	129	5.2
Core AFU Interview ³	9	18.0	11	14.3	0	0.0	20	15.5
Contact rate for follow-up⁵	1190	89.5	1429	91.9	35	60.3	2654	90.2
Response rate for follow-up⁶	1096	83.2	1343	86.6	29	50.0	2468	84.3
Eligible for next year follow-up⁷	1313	98.8	1542	99.2	57	98.3	2912	99.0

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Missing: no forms present in database with data reported.

(2) Respondents with vital status but missing general health or hospitalization questions.

(3) Respondents with vital status and hospitalization information (GHEB1,GHEB2,HOEA3).

(4) AFU form content completed (GHEB,HOEA,OPEA,MEEC,EVEB).

(5) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(6) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(7) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.15c4 Third Annual Follow-up Response for Participants past the Year 3 Contact Window (Baseline visit + 3.5 years) by AGEGROUP_C3_MR

Reported Follow-up Status at End of Contact Year 3	18-24 (N=1658)		25-44 (N=5023)		≥45 (N=9644)		Overall (N=16325)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	275		800		1867		2942	
Missing AFU forms ¹	7	2.6	42	5.3	66	3.5	115	3.9
Unknown Vital Status	32	11.6	51	6.4	90	4.8	173	5.9
Deceased	0	0.0	1	0.1	14	0.8	15	0.5
Contacted and Refused Interview	2	0.7	0	0.0	13	0.7	15	0.5
Contacted by Proxy, Reported Alive	23	8.4	54	6.8	79	4.2	156	5.3
Contacted and Interviewed	211	76.7	652	81.5	1605	86.0	2468	83.9
Complete AFU Interview ⁴	193	70.2	617	77.1	1529	81.9	2339	79.5
Partial AFU Interview ²	18	8.5	35	5.4	76	4.7	129	5.2
Core AFU Interview ³	1	5.6	5	14.3	14	18.4	20	15.5
Contact rate for follow-up⁵	236	85.8	707	88.4	1711	91.6	2654	90.2
Response rate for follow-up⁶	211	76.7	652	81.6	1605	86.6	2468	84.3
Eligible for next year follow-up⁷	273	99.3	799	99.9	1840	98.6	2912	99.0

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) AFU Missing: no forms present in database with data reported.

(2) Respondents with vital status but missing general health or hospitalization questions.

(3) Respondents with vital status and hospitalization information (GHEB1,GHEB2,HOEA3).

(4) AFU form content completed (GHEB,HOEA,OPEA,MEEC,EVEB).

(5) Numerator: Number of expected AFU interviews minus Missing or Unknown status, Denominator: expected number of AFU Interviews.

(6) Numerator: Number contacted and interviewed directly, Denominator: expected number of Interviews from Cohort not Deceased.

(7) Numerator: Number not deceased or refused, Denominator: expected number of AFU interviews for year 1.

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Table 2.16a Expected and Attempted Number of Annual Follow-up Interviews by Field Center

All study participants who are eligible for Annual Follow-up Contact Year 1

Status of Follow-Up	Bronx (N=4117)		Chicago (N=4133)		Miami (N=4076)		San Diego (N=4085)		Overall ¹ (N=16411)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	4117	100.0	4133	100.0	4076	100.0	4085	100.0	16411	100.0
Attempted Number of Interviews²	3980	96.7	4074	98.6	4075	100.0	4048	99.1	16177	98.6
Pending	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tracing	72	1.8	12	0.3	9	0.2	17	0.4	110	0.7
Alive/not contacted - attempt in same year	86	2.2	31	0.8	15	0.4	96	2.4	228	1.4
Alive/not contacted - contact not possible this year	391	9.8	290	7.1	107	2.6	374	9.2	1162	7.2
Refusals³	39	1.0	42	1.0	33	0.8	30	0.7	144	0.9
Deceased³	14	0.4	7	0.2	14	0.3	10	0.3	45	0.3
Unknown³	66	1.7	99	2.4	141	3.5	73	1.8	379	2.3
Partial Interview/reschedule³	144	3.6	98	2.4	55	1.4	118	2.9	415	2.6
Completed Interviews - Participant³	3154	79.3	3408	83.7	3695	90.7	3305	81.7	13562	83.8
Completed Interviews - Informant³	14	0.4	87	2.1	6	0.2	25	0.6	132	0.8

Based on analysis files created on September 19, 2012.

(1) For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1). Note 4 individuals withdrew consent for follow up.

(2) Based on number of Annual Follow-Up Tracking Forms submitted.

(3) AFTA coding requires an Annual Follow-UP (GHEA part of AFU) form to be entered.

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Table 2.16b Expected and Attempted Number of Second Annual Follow-up Interviews by Field Center
All study participants who are eligible for Annual Follow-up Contact Year 2

Status of Follow-Up	<u>Bronx</u> (N=4103)		<u>Chicago</u> (N=4124)		<u>Miami</u> (N=4062)		<u>San Diego</u> (N=4074)		<u>Overall</u> (N=16363)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	3032	73.9	2904	70.4	2910	71.6	3117	76.5	11963	73.1
Attempted Number of Interviews¹	2485	82.0	2672	92.0	2850	97.9	3046	97.7	11053	92.4
Pending	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Tracing	109	4.4	44	1.7	90	3.2	57	1.9	300	2.7
Alive/not contacted - attempt in same year	86	3.5	35	1.3	87	3.1	153	5.0	361	3.3
Alive/not contacted - contact not possible this year	170	6.8	133	5.0	72	2.5	235	7.7	610	5.5
Refusals²	19	0.8	16	0.6	22	0.8	22	0.7	79	0.7
Deceased²	12	0.5	7	0.3	12	0.4	5	0.2	36	0.3
Unknown²	78	3.1	86	3.2	120	4.2	89	2.9	373	3.4
Partial Interview/reschedule²	29	1.2	4	0.2	3	0.1	2	0.1	38	0.3
Completed Interviews - Participant²	1974	79.4	2316	86.7	2434	85.4	2464	80.9	9188	83.1
Completed Interviews - Informant²	7	0.3	31	1.2	10	0.4	19	0.6	67	0.6

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) Based on number of Annual Follow-Up Tracking Forms submitted.

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Table 2.16c Expected and Attempted Number of Third Annual Follow-up Interviews by Field Center

All study participants who are eligible for Annual Follow-up Contact Year 3

Status of Follow-Up	<u>Bronx</u> (N=4090)		<u>Chicago</u> (N=4116)		<u>Miami</u> (N=4050)		<u>San Diego</u> (N=4069)		<u>Overall</u> (N=16325)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	1419	34.7	1706	41.5	1242	30.7	1815	44.6	6182	37.9
Attempted Number of Interviews¹	1063	74.9	1510	88.5	1223	98.5	1753	96.6	5549	89.8
Pending	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tracing	65	6.1	109	7.2	123	10.1	123	7.0	420	7.6
Alive/not contacted - attempt in same year	53	5.0	57	3.8	81	6.6	209	11.9	400	7.2
Alive/not contacted - contact not possible this year	63	5.9	29	1.9	57	4.7	105	6.0	254	4.6
Refusals²	7	0.7	6	0.4	5	0.4	10	0.6	28	0.5
Deceased²	7	0.7	2	0.1	8	0.7	4	0.2	21	0.4
Unknown²	37	3.5	36	2.4	51	4.2	44	2.5	168	3.0
Partial Interview/reschedule²	14	1.3	2	0.1	4	0.3	2	0.1	22	0.4
Completed Interviews - Participant²	814	76.6	1266	83.8	889	72.7	1253	71.5	4222	76.1
Completed Interviews - Informant²	3	0.3	3	0.2	5	0.4	3	0.2	14	0.3

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

(1) Based on number of Annual Follow-Up Tracking Forms submitted.

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Table 2.17a. Number of First Annual Follow-Up/Food Propensity Interviews by Center

Only study participants who are past the Annual Follow-up Contact Year 1 window (baseline visit + 1.5 years)

Interview Component	<u>Bronx</u>			<u>Chicago</u>			<u>Miami</u>			<u>San Diego</u>			<u>Overall</u>		
	<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>	
	N	N	%	N	N	%	N	N	%	N	N	%	N	N	%
Expected Number of Annual Interviews	3671			3614			3621			3704			14610		
Annual Follow-Up															
GHE - General Health¹	3671	3493	95.2	3614	3550	98.2	3621	3618	99.9	3704	3670	99.1	14610	14331	98.1
HOE - Hospitalization/Emergency Dept. Events²	3063	3028	98.9	3124	3105	99.4	3339	3327	99.6	3231	3169	98.1	12757	12629	99.0
OPE - Out Patient Conditions²	3059	3026	98.9	3120	3111	99.7	3332	3323	99.7	3224	3163	98.1	12735	12623	99.1
MEE - Medications²	3059	3014	98.5	3120	3094	99.2	3332	3318	99.6	3224	3158	98.0	12735	12584	98.8
CIE - Contact Information³	3479	3254	93.5	3543	3504	98.9	3604	3600	99.9	3662	3661	100.0	14288	14019	98.1
Food Propensity¹	3059			3120			3332			3224			12735		
Version A - Long Form		658	21.5		567	18.2		501	15.0		695	21.6		2421	19.0
Version B - Short Form		2335	76.3		2562	82.1		2786	83.6		2383	73.9		10066	79.0

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

Note: Expected number of interviews is based on the number of participants within the window for annual follow-up contacts.

(1) To be completed for all participants where an AFU is expected, and is observed if General Health section of AFU present with a valid value for question GHEA1.

(2) Expected only if participant was contacted and alive (GHEA1=1). Denominator is number of AFU interviews.

(3) Expected only if participant was NOT reported as deceased (GHEA1=1,2,3,9). Denominator is number of AFU interviews.

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Table 2.17b. Number of Second Annual Follow-Up Interviews by Center

Only study participants who are past the Annual Follow-up Contact Year 2 window (baseline visit + 2.5 years)

Interview Component	<u>Bronx</u>			<u>Chicago</u>			<u>Miami</u>			<u>San Diego</u>			<u>Overall</u>		
	<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>	
	N	N	%	N	N	%	N	N	%	N	N	%	N	N	%
Expected Number of Annual Interviews	2014			2279			1944			2316			8553		
Annual Follow-Up															
GHE - General Health¹	2014	1922	95.4	2279	2252	98.8	1944	1942	99.9	2316	2285	98.7	8553	8401	98.2
HOE - Hospitalization/Emergency Dept. Events²	1642	1630	99.3	2011	2007	99.8	1718	1714	99.8	1965	1926	98.0	7336	7277	99.2
OPE - Out Patient Conditions²	1636	1623	99.2	2009	2005	99.8	1716	1713	99.8	1963	1928	98.2	7324	7269	99.2
EVE - Self-Reported Events²	1636	1626	99.4	2009	2004	99.8	1716	1713	99.8	1963	1920	97.8	7324	7263	99.2
MEE - Medications²	1636	1602	97.9	2009	2001	99.6	1716	1711	99.7	1963	1924	98.0	7324	7238	98.8
CIE - Contact Information³	1912	1720	90.0	2246	2192	97.6	1932	1847	95.6	2283	2201	96.4	8373	7960	95.1

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

Note: Expected number of interviews is based on the number of participants within the window for annual follow-up contacts.

(1) To be completed for all participants where an AFU is expected, and is observed if General Health section of AFU present with a valid value for question GHEA1.

(2) Expected only if participant was contacted and alive (GHEA1=1). Denominator is number of AFU interviews.

(3) Expected only if participant was NOT reported as deceased (GHEA1=1,2,3,9). Denominator is number of AFU interviews.

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Table 2.17c. Number of Third Annual Follow-Up Interviews by Center
Only study participants past the Annual Follow-up Year 3 window (baseline visit + 3.5 years)

Interview Component	<u>Bronx</u>			<u>Chicago</u>			<u>Miami</u>			<u>San Diego</u>			<u>Overall</u>		
	<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>		<u>Expected</u>	<u>Completed</u>	
	N	N	%	N	N	%	N	N	%	N	N	%	N	N	%
Expected Number of Annual Interviews	753			746			529			914			2942		
Annual Follow-Up															
GHE - General Health¹	753	708	94.0	746	734	98.4	529	521	98.5	914	864	94.5	2942	2827	96.1
HOE - Hospitalization/Emergency Dept. Events²	599	586	97.8	671	664	99.0	414	404	97.6	784	698	89.0	2468	2352	95.3
OPE - Out Patient Conditions²	599	584	97.5	671	666	99.3	414	404	97.6	784	703	89.7	2468	2357	95.5
EVE - Self-Reported Events²	599	586	97.8	671	665	99.1	414	404	97.6	784	704	89.8	2468	2359	95.6
MEE - Medications²	599	583	97.3	671	666	99.3	414	404	97.6	784	706	90.1	2468	2359	95.6
CBE - place of Birth²	599	585	97.7	671	666	99.3	414	403	97.3	784	687	87.6	2468	2341	94.9
CIE - Contact Information³	701	637	90.9	733	0	0.0	516	507	98.3	862	852	98.8	2812	1996	71.0

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

Note: Expected number of interviews is based on the number of participants within the window for annual follow-up contacts.

(1) To be completed for all participants where an AFU is expected, and is observed if General Health section of AFU present with a valid value for question GHEA1.

(2) Expected only if participant was contacted and alive (GHEB1=1) or if Designated respondent contacted, reported alive (GHEB1=3). Denominator is number of expected interviews.

(3) Expected only if participant was NOT reported as deceased (GHEB1=1,2,3,9). Denominator is number of expected interviews.

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Table 2.18. Hospitalization and Emergency Department Visits* by Center

Preliminary Reports	Bronx		Chicago		Miami		San Diego		Overall	
	N	%	N	%	N	%	N	%	N	%
Participant-AFU Interviews	7463		8105		8077		8620		32265	
Number of Participants with a Hospital/Emergency Dept. Admissions (at least one)	953	24.6	655	16.2	558	13.7	563	14.0	2729	17.1
Number of Participants with multiple Hospital/Emergency Dept. Admissions	189	4.9	130	3.2	88	2.2	83	2.1	490	3.1
Total Hospital/Emergency Dept. Admissions	2146		1727		1520		1413		6806	
Emergency Department	1271		873		757		788		3689	
Myocardial infarction, heart attack	5	0.4	2	0.2	0	0.0	5	0.6	12	0.3
Angina, chest pain	56	4.4	28	3.2	36	4.8	19	2.4	139	3.8
Heart failure	3	0.2	1	0.1	5	0.7	1	0.1	10	0.3
Stroke or TIA	4	0.3	1	0.1	5	0.7	7	0.9	17	0.5
Peripheral vascular disease	3	0.2	0	0.0	5	0.7	2	0.3	10	0.3
Venous thrombosis or pulmonary embolism	3	0.2	0	0.0	2	0.3	0	0.0	5	0.1
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	13	1.0	9	1.0	6	0.8	4	0.5	32	0.9
Asthma	96	7.6	20	2.3	28	3.7	7	0.9	151	4.1
Other	1086	85.4	810	92.8	666	88.0	738	93.7	3300	89.5
Hospitalizations	323		325		268		449		1365	
Myocardial infarction, heart attack	1	0.3	1	0.3	6	2.2	5	1.1	13	1.0
Angina, chest pain	10	3.1	9	2.8	8	3.0	10	2.2	37	2.7
Heart failure	2	0.6	1	0.3	6	2.2	4	0.9	13	1.0
Stroke or TIA	4	1.2	1	0.3	2	0.8	8	1.8	15	1.1
Peripheral vascular disease	3	0.9	2	0.6	2	0.8	3	0.7	10	0.7
Venous thrombosis or pulmonary embolism	0	0.0	0	0.0	1	0.4	0	0.0	1	0.1
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	0	0.0	3	0.9	1	0.4	0	0.0	4	0.3
Asthma	14	4.3	1	0.3	3	1.1	1	0.2	19	1.4
Other	289	89.5	307	94.5	238	88.8	416	92.7	1250	91.6

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

*Participants may have more than one hospital/Emergency Dept. visit.

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Table 2.18. Hospitalization and Emergency Department Visits* by Center

Preliminary Reports	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Both Emergency Dept. and Hospitalizations (at once)	551		512		487		169		1719	
Myocardial infarction, heart attack	15	2.7	5	1.0	16	3.3	5	3.0	41	2.4
Angina, chest pain	42	7.6	38	7.4	35	7.2	9	5.3	124	7.2
Heart failure	4	0.7	8	1.6	11	2.3	1	0.6	24	1.4
Stroke or TIA	10	1.8	9	1.8	26	5.3	0	0.0	45	2.6
Peripheral vascular disease	3	0.5	1	0.2	5	1.0	3	1.8	12	0.7
Venous thrombosis or pulmonary embolism	3	0.5	2	0.4	1	0.2	0	0.0	6	0.4
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	6	1.1	7	1.4	3	0.6	0	0.0	16	0.9
Asthma	27	4.9	12	2.3	8	1.6	2	1.2	49	2.9
Other	438	79.5	429	83.8	381	78.2	148	87.6	1396	81.2
Unknown/Missing	1		17		8		7		33	

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

*Participants may have more than one hospital/Emergency Dept. visit.

11OCT12, 12:59 -- HC062832 (UCCWXX)

HCHS/SOL Management Report, September 2012

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Table 2.18a. Hospitalization and Emergency Department Visits* by Event Year and Center for Event Year of 2008 Only

Preliminary Reports	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Number of Participants with a Hospital/Emergency Dept. Admissions (at least one)	26		11		14		17		68	
Number of Participants with multiple Hospital/Emergency Dept. Admissions	11	42.3	1	9.1	4	28.6	6	35.3	22	32.4
Total Hospital/Emergency Dept. Admissions	36		13		29		25		103	
Emergency Department	22		8		12		15		57	
Myocardial infarction, heart attack	1	4.6	0	0.0	0	0.0	0	0.0	1	1.8
Angina, chest pain	2	9.1	0	0.0	2	16.7	1	6.7	5	8.8
Heart failure	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Stroke or TIA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Peripheral vascular disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Venous thrombosis or pulmonary embolism	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Asthma	0	0.0	2	25.0	0	0.0	0	0.0	2	3.5
Other	19	86.4	6	75.0	9	75.0	14	93.3	48	84.2
Hospitalizations	7		2		3		5		17	
Myocardial infarction, heart attack	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Angina, chest pain	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Heart failure	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Stroke or TIA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Peripheral vascular disease	0	0.0	0	0.0	0	0.0	1	20.0	1	5.9
Venous thrombosis or pulmonary embolism	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Asthma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	7	100.0	2	100.0	3	100.0	4	80.0	16	94.1

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

*Participants may have more than one hospital/Emergency Dept. visit.

27SEP12, 17:47 -- HC0628H1 (UCCWXX)

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Table 2.18a. Hospitalization and Emergency Department Visits* by Event Year and Center for Event Year of 2008 Only

Preliminary Reports	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Both Emergency Dept. and Hospitalizations (at once)	7		3		14		5		29	
Myocardial infarction, heart attack	1	14.3	0	0.0	4	28.6	0	0.0	5	17.2
Angina, chest pain	0	0.0	0	0.0	1	7.1	0	0.0	1	3.5
Heart failure	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Stroke or TIA	1	14.3	0	0.0	0	0.0	0	0.0	1	3.5
Peripheral vascular disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Venous thrombosis or pulmonary embolism	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Asthma	0	0.0	1	33.3	0	0.0	0	0.0	1	3.5
Other	5	71.4	2	66.7	9	64.3	5	100.0	21	72.4
Unknown/Missing	0		0		0		0		0	

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

*Participants may have more than one hospital/Emergency Dept. visit.

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Table 2.18b. Hospitalization and Emergency Department Visits* by Event Year and Center for Event Year of 2009 Only

Preliminary Reports	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Number of Participants with a Hospital/Emergency Dept. Admissions (at least one)	202		112		115		136		565	
Number of Participants with multiple Hospital/Emergency Dept. Admissions	48	23.8	20	17.9	20	17.4	31	22.8	119	21.1
Total Hospital/Emergency Dept. Admissions	274		163		171		205		813	
Emergency Department	145		73		71		106		395	
Myocardial infarction, heart attack	0	0.0	1	1.4	0	0.0	0	0.0	1	0.3
Angina, chest pain	5	3.5	2	2.7	4	5.6	4	3.8	15	3.8
Heart failure	1	0.7	0	0.0	0	0.0	0	0.0	1	0.3
Stroke or TIA	0	0.0	1	1.4	1	1.4	0	0.0	2	0.5
Peripheral vascular disease	0	0.0	0	0.0	2	2.8	1	0.9	3	0.8
Venous thrombosis or pulmonary embolism	1	0.7	0	0.0	0	0.0	0	0.0	1	0.3
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	1	0.7	1	1.4	0	0.0	0	0.0	2	0.5
Asthma	8	5.5	2	2.7	1	1.4	0	0.0	11	2.8
Other	129	89.0	66	90.4	63	88.7	101	95.3	359	90.9
Hospitalizations	43		23		42		62		170	
Myocardial infarction, heart attack	0	0.0	0	0.0	0	0.0	1	1.6	1	0.6
Angina, chest pain	1	2.3	1	4.4	1	2.4	2	3.2	5	2.9
Heart failure	0	0.0	0	0.0	0	0.0	1	1.6	1	0.6
Stroke or TIA	3	7.0	0	0.0	1	2.4	1	1.6	5	2.9
Peripheral vascular disease	1	2.3	0	0.0	0	0.0	0	0.0	1	0.6
Venous thrombosis or pulmonary embolism	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	0	0.0	1	4.4	0	0.0	0	0.0	1	0.6
Asthma	2	4.7	0	0.0	2	4.8	0	0.0	4	2.4
Other	36	83.7	21	91.3	38	90.5	57	91.9	152	89.4

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

*Participants may have more than one hospital/Emergency Dept. visit.

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Table 2.18b. Hospitalization and Emergency Department Visits* by Event Year and Center for Event Year of 2009 Only

Preliminary Reports	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Both Emergency Dept. and Hospitalizations (at once)	86		66		58		35		245	
Myocardial infarction, heart attack	0	0.0	1	1.5	2	3.5	2	5.7	5	2.0
Angina, chest pain	9	10.5	4	6.1	3	5.2	3	8.6	19	7.8
Heart failure	1	1.2	2	3.0	2	3.5	0	0.0	5	2.0
Stroke or TIA	2	2.3	1	1.5	7	12.1	0	0.0	10	4.1
Peripheral vascular disease	1	1.2	0	0.0	1	1.7	0	0.0	2	0.8
Venous thrombosis or pulmonary embolism	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	1	1.2	1	1.5	0	0.0	0	0.0	2	0.8
Asthma	4	4.7	1	1.5	2	3.5	0	0.0	7	2.9
Other	68	79.1	56	84.9	41	70.7	29	82.9	194	79.2
Unknown/Missing	0		1		0		2		3	

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

*Participants may have more than one hospital/Emergency Dept. visit.

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Table 2.18c. Hospitalization and Emergency Department Visits* by Event Year and Center for Event Year of 2010 Only

Preliminary Reports	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Number of Participants with a Hospital/Emergency Dept. Admissions (at least one)	273		226		191		181		871	
Number of Participants with multiple Hospital/Emergency Dept. Admissions	49	18.0	49	21.7	24	12.6	31	17.1	153	17.6
Total Hospital/Emergency Dept. Admissions	560		495		350		350		1755	
Emergency Department	309		209		176		194		888	
Myocardial infarction, heart attack	1	0.3	0	0.0	0	0.0	2	1.0	3	0.3
Angina, chest pain	14	4.5	7	3.4	1	0.6	6	3.1	28	3.2
Heart failure	1	0.3	0	0.0	0	0.0	0	0.0	1	0.1
Stroke or TIA	1	0.3	0	0.0	0	0.0	0	0.0	1	0.1
Peripheral vascular disease	0	0.0	0	0.0	1	0.6	0	0.0	1	0.1
Venous thrombosis or pulmonary embolism	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	3	1.0	0	0.0	2	1.1	0	0.0	5	0.6
Asthma	22	7.1	4	1.9	8	4.6	3	1.6	37	4.2
Other	267	86.4	198	94.7	164	93.2	181	93.3	810	91.2
Hospitalizations	72		124		40		111		347	
Myocardial infarction, heart attack	1	1.4	0	0.0	2	5.0	2	1.8	5	1.4
Angina, chest pain	2	2.8	7	5.7	1	2.5	3	2.7	13	3.8
Heart failure	1	1.4	0	0.0	0	0.0	0	0.0	1	0.3
Stroke or TIA	0	0.0	0	0.0	0	0.0	1	0.9	1	0.3
Peripheral vascular disease	0	0.0	1	0.8	0	0.0	0	0.0	1	0.3
Venous thrombosis or pulmonary embolism	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Asthma	3	4.2	0	0.0	0	0.0	1	0.9	4	1.2
Other	65	90.3	116	93.6	37	92.5	104	93.7	322	92.8

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

*Participants may have more than one hospital/Emergency Dept. visit.

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Table 2.18c. Hospitalization and Emergency Department Visits* by Event Year and Center for Event Year of 2010 Only

Preliminary Reports	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Both Emergency Dept. and Hospitalizations (at once)	179		162		132		44		517	
Myocardial infarction, heart attack	5	2.8	0	0.0	2	1.5	0	0.0	7	1.4
Angina, chest pain	13	7.3	14	8.6	3	2.3	4	9.1	34	6.6
Heart failure	2	1.1	3	1.9	2	1.5	1	2.3	8	1.6
Stroke or TIA	3	1.7	2	1.2	6	4.6	0	0.0	11	2.1
Peripheral vascular disease	2	1.1	0	0.0	0	0.0	2	4.6	4	0.8
Venous thrombosis or pulmonary embolism	0	0.0	2	1.2	0	0.0	0	0.0	2	0.4
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	1	0.6	3	1.9	2	1.5	0	0.0	6	1.2
Asthma	10	5.6	6	3.7	2	1.5	0	0.0	18	3.5
Other	143	79.9	132	81.5	115	87.1	37	84.1	427	82.6
Unknown/Missing	0		0		2		1		3	

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

*Participants may have more than one hospital/Emergency Dept. visit.

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Table 2.18d. Hospitalization and Emergency Department Visits* by Event Year and Center for Event Year of 2011 Only

Preliminary Reports	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Number of Participants with a Hospital/Emergency Dept. Admissions (at least one)	350		231		183		182		946	
Number of Participants with multiple Hospital/Emergency Dept. Admissions	66	18.9	50	21.7	35	19.1	13	7.1	164	17.3
Total Hospital/Emergency Dept. Admissions	710		586		493		429		2218	
Emergency Department	425		315		240		240		1220	
Myocardial infarction, heart attack	1	0.2	0	0.0	0	0.0	1	0.4	2	0.2
Angina, chest pain	14	3.3	11	3.5	11	4.6	6	2.5	42	3.4
Heart failure	1	0.2	1	0.3	3	1.3	1	0.4	6	0.5
Stroke or TIA	3	0.7	0	0.0	0	0.0	4	1.7	7	0.6
Peripheral vascular disease	1	0.2	0	0.0	0	0.0	1	0.4	2	0.2
Venous thrombosis or pulmonary embolism	1	0.2	0	0.0	0	0.0	0	0.0	1	0.1
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	4	0.9	2	0.6	2	0.8	3	1.3	11	0.9
Asthma	51	12.0	2	0.6	3	1.3	2	0.8	58	4.8
Other	349	82.1	299	94.9	220	91.7	221	92.1	1089	89.3
Hospitalizations	114		100		102		142		458	
Myocardial infarction, heart attack	0	0.0	0	0.0	3	2.9	1	0.7	4	0.9
Angina, chest pain	3	2.6	0	0.0	3	2.9	1	0.7	7	1.5
Heart failure	1	0.9	1	1.0	4	3.9	2	1.4	8	1.8
Stroke or TIA	1	0.9	0	0.0	1	1.0	3	2.1	5	1.1
Peripheral vascular disease	0	0.0	1	1.0	1	1.0	1	0.7	3	0.7
Venous thrombosis or pulmonary embolism	0	0.0	0	0.0	1	1.0	0	0.0	1	0.2
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	0	0.0	2	2.0	0	0.0	0	0.0	2	0.4
Asthma	5	4.4	1	1.0	1	1.0	0	0.0	7	1.5
Other	104	91.2	95	95.0	88	86.3	133	93.7	420	91.7

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

*Participants may have more than one hospital/Emergency Dept. visit.

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Table 2.18d. Hospitalization and Emergency Department Visits* by Event Year and Center for Event Year of 2011 Only

Preliminary Reports	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Both Emergency Dept. and Hospitalizations (at once)	171		166		149		46		532	
Myocardial infarction, heart attack	6	3.5	2	1.2	4	2.7	1	2.2	13	2.4
Angina, chest pain	7	4.1	15	9.0	16	10.7	2	4.4	40	7.5
Heart failure	1	0.6	0	0.0	2	1.3	0	0.0	3	0.6
Stroke or TIA	0	0.0	1	0.6	8	5.4	0	0.0	9	1.7
Peripheral vascular disease	0	0.0	1	0.6	3	2.0	1	2.2	5	0.9
Venous thrombosis or pulmonary embolism	2	1.2	0	0.0	1	0.7	0	0.0	3	0.6
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	2	1.2	1	0.6	1	0.7	0	0.0	4	0.8
Asthma	10	5.9	1	0.6	2	1.3	1	2.2	14	2.6
Other	142	83.0	145	87.4	112	75.2	41	89.1	440	82.7
Unknown/Missing	0		5		2		1		8	

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

*Participants may have more than one hospital/Emergency Dept. visit.

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Table 2.19. Out-patient Self-Reported Conditions by Center

Self-reported conditions regardless of whether hospitalization or Emergency Dept. visit reported¹

Preliminary Reports	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Participant-AFU Interviews	7463		8105		8077		8620		32265	
AFU:OPE - Out-patient Conditions Form	6800	91.1	7905	97.5	7942	98.3	8583	99.6	31230	96.8
COPD,etc. - Out-patient self-report	168	2.5	126	1.6	128	1.6	112	1.3	534	1.7
Diagnostic tests for COPD,etc.²	139	82.7	91	72.2	100	78.1	81	72.3	411	77.0
Exacerbation/Worsening of COPD,etc.	51	30.4	35	27.8	38	29.7	17	15.2	141	26.4
Change in Medication	44	86.3	29	82.9	22	57.9	8	47.1	103	73.1
Asthma - Out-patient self-report	514	7.6	206	2.6	95	1.2	275	3.2	1090	3.5
Diagnostic tests for Asthma^{2,3}	388	75.5	143	69.4	57	60.0	141	51.3	729	66.9
Exacerbation/Worsening of Asthma	195	37.9	44	21.4	24	25.3	30	10.9	293	26.9
Change in Medication	171	87.7	37	84.1	14	58.3	16	53.3	238	81.2

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

1. Participants may have more than one hospital/Emergency Dept. visit for COPD or Asthma.

2. Diagnostic Tests: Breathing/pulmonary test, chest x-ray, or chest CT scan.

3. Bronx has missing diagnosis test indicators for two participants.

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Table 2.19a. Outpatient Self-Reported Conditions by Center
Non-Pulmonary or Unreported Hospitalizations/Emergency Dept. Visits Only¹

Preliminary Reports	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Participant-AFU Interviews	7463		8105		8077		8620		32265	
AFU:OPE - Out Patient Conditions Form	6134	96.8	6866	99.9	7287	98.8	7401	99.8	27688	98.9
COPD,etc. - Outpatient self-report	134	2.2	105	1.5	112	1.5	104	1.4	455	1.6
Diagnostic tests for COPD,etc.²	110	82.1	74	70.5	87	77.7	77	74.0	348	76.5
Exacerbation/Worsening of COPD,etc.	40	29.9	26	24.8	34	30.4	16	15.4	116	25.5
Change in Medication	35	87.5	21	80.8	20	58.8	8	50.0	84	72.4
Asthma - Outpatient self-report	446	7.3	186	2.7	82	1.1	253	3.4	967	3.5
Diagnostic tests for Asthma^{2,3}	338	75.8	127	68.3	45	54.9	126	49.8	636	65.8
Exacerbation/Worsening of Asthma	162	36.3	36	19.4	18	22.0	27	10.7	243	25.1
Change in Medication	143	88.3	30	83.3	10	55.6	14	51.9	197	81.1

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

1. Participants may have no reported hospital/Emergency Dept. visits or more than one hospital/Emergency Dept. visit, limited to only those visits without heart failure, COPD, or asthma (HOEA4a=2,6, or 7).

2. Diagnostic Tests: Breathing/pulmonary test, chest x-ray, or chest CT scan.

3. Bronx has missing diagnosis test indicators for two participants.

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Table 2.20. Out-patient Self-Report of Diabetes During First Year of Annual Follow-up by Center

Outpatient condition	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Number of Participants with AFU Present	3854		4001		4061		4013		15929	
AFU:OPE - Out-patient Conditions Form	3480	90.3	3823	95.6	4025	99.1	3988	99.4	15316	96.2
Told by MD had diabetes	360	10.3	312	8.2	81	2.0	541	13.6	1294	8.5
New or different treatments recommended	205	56.9	181	58.0	63	77.8	215	39.7	664	51.3
Diabetes treatment recommended	134	65.4	121	66.9	52	82.5	130	60.5	437	65.8
Pills	41	20.0	17	9.4	2	3.2	13	6.1	73	11.0
Insulin alone	38	18.5	20	11.1	0	0.0	12	5.6	70	10.5
Insulin and pills	59	28.8	44	24.3	9	14.3	15	7.0	127	19.1
Referred for eye exam	118	57.6	114	63.0	41	65.1	118	54.9	391	58.9
Advice to change diet	37	18.1	12	6.6	4	6.4	5	2.3	58	8.7
Advice to stop smoking	107	52.2	94	51.9	21	33.3	92	42.8	314	47.3
Advice to increase exercise	7	3.4	5	2.8	1	1.6	8	3.7	21	3.2

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

Note: Denominator for recommended treatment is number who had a new or different treatment. More than one new or different treatment may be recommended.

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Table 2.21. Out-patient Self-Report of Hypertension During First Year of Annual Follow-up by Center

Outpatient condition	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Number of Participants with AFU Present	3854		4001		4061		4013		15929	
AFU:OPE - Out-patient Conditions Form	3480	90.3	3823	95.6	4025	99.1	3988	99.4	15316	96.2
Told by MD had hypertension	681	19.6	463	12.1	205	5.1	755	18.9	2104	13.7
New or different treatments recommended	393	57.7	278	60.0	169	82.4	290	38.4	1130	53.7
Hypertension treatment recommended	336	85.5	178	64.0	142	84.0	218	75.2	874	77.4
Start new medication	31	7.9	35	12.6	16	9.5	30	10.3	112	9.9
Increase dose same medicine	144	36.6	100	36.0	55	32.5	54	18.6	353	31.2
Advice to lose weight	176	44.8	150	54.0	90	53.3	107	36.9	523	46.3
Advice to change diet	62	15.8	28	10.1	11	6.5	7	2.4	108	9.6
Advice to stop smoking	157	40.0	157	56.5	56	33.1	108	37.2	478	42.3
Advice to increase exercise	12	3.1	6	2.2	3	1.8	11	3.8	32	2.8

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

Note: Denominator for recommended treatment is number who had a new or different treatment. More than one new or different treatment may be recommended.

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Table 2.22. Out-patient Self-Report of High Cholesterol During First Year of Annual Follow-up by Center

Outpatient condition	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Number of Participants with AFU Present	3854		4001		4061		4013		15929	
AFU:OPE - Out-patient Conditions Form	3480	90.3	3823	95.6	4025	99.1	3988	99.4	15316	96.2
Told by MD had high Cholesterol	698	20.1	611	16.0	340	8.5	870	21.8	2519	16.5
New or different treatments recommended	443	63.5	405	66.3	266	78.2	478	54.9	1592	63.2
Cholesterol treatment recommended	318	71.8	206	50.9	187	70.3	251	52.5	962	60.4
Start new medication	18	4.1	27	6.7	3	1.1	15	3.1	63	4.0
Increase dose same medicine	202	45.6	171	42.2	116	43.6	124	25.9	613	38.5
Advice to lose weight	259	58.5	291	71.9	188	70.7	309	64.6	1047	65.8
Advice to change diet	64	14.5	34	8.4	9	3.4	17	3.6	124	7.8
Advice to stop smoking	199	44.9	243	60.0	111	41.7	215	45.0	768	48.2
Advice to increase exercise	5	1.1	10	2.5	3	1.1	9	1.9	27	1.7

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

Note: Denominator for recommended treatment is number who had a new or different treatment. More than one new or different treatment may be recommended.

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Table 2.23. Out-patient Self-Report of Outpatient Cardio-pulmonary Events During Second Year of Annual Follow-up by Center

Outpatient Events - Cardio-pulmonary	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Number of Participants with AFU Present	2422		2621		2760		2898		10701	
AFU:EVEA - Out-patient Conditions Form	2267	93.6	2603	99.3	2689	97.4	2896	99.9	10455	97.7
Since the Last HCHS/SOL Visit told by MD										
Atrial fibrillation	25	1.1	40	1.5	5	0.2	13	0.5	83	0.8
Heart failure	41	1.8	38	1.5	19	0.7	30	1.0	128	1.2
Blood clot in leg or lung requiring blood thinner	44	1.9	63	2.4	12	0.5	31	1.1	150	1.4
Since the Last HCHS/SOL Viist										
Swelling in feet or ankles at end of day	484	21.4	480	18.4	447	16.6	371	12.8	1782	17.0
Waking up at night with difficulty breathing	344	15.2	239	9.2	295	11.0	195	6.7	1073	10.3
Shortness of breath when hurrying or walking uphill	828	36.5	543	20.9	561	20.9	556	19.2	2488	23.8
Stop for breath walking at own pace on level pavement	423	18.7	201	7.7	227	8.4	222	7.7	1073	10.3
Difficulty breathing when not active	188	8.3	98	3.8	142	5.3	144	5.0	572	5.5
Cough on most days or nights of week last 3 mo.	203	9.0	104	4.0	134	5.0	100	3.5	541	5.2
Phlegm from chest most days or night of week last 3 mo.	206	9.1	134	5.2	113	4.2	124	4.3	577	5.5
Wheezing or whistling in chest since last visit	306	13.5	245	9.4	197	7.3	220	7.6	968	9.3

Based on analysis files created on September 22, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

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Table 2.24. Out-patient Self Report of Sleep Related Events During Second Year of Annual Follow-up by Center

Outpatient Events - Sleep related	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Number of Participants with AFU Present	2422		2621		2760		2898		10701	
AFU:EVEA - Out-patient Conditions Form	2267	93.6	2603	99.3	2689	97.4	2896	99.9	10455	97.7
Frequency of snoring now										
Never	406	17.9	242	9.3	445	16.6	326	11.3	1419	13.6
Rarely	173	7.6	298	11.5	155	5.8	472	16.3	1098	10.5
Sometimes	583	25.7	573	22.0	617	23.0	734	25.4	2507	24.0
Always or almost always	443	19.5	577	22.2	611	22.7	561	19.4	2192	21.0
Do not know	371	16.4	673	25.9	628	23.4	434	15.0	2106	20.1
Since last MD told had sleep apnea	102	4.5	84	3.2	38	1.4	112	3.9	336	3.2
Treated for sleep apnea										
Surgery	5	4.9	10	11.9	1	2.6	7	6.3	23	6.9
Use of dental appliance	12	11.8	7	8.3	5	13.2	14	12.5	38	11.3
Use of oxygen during sleep	25	24.5	9	10.7	9	23.7	14	12.5	57	17.0
Use pressure machine	36	35.3	32	38.1	11	29.0	40	35.7	119	35.4

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

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Table 2.25. Out-patient Self-Report of Hearing Related Events During Second Year of Annual Follow-up by Center

Outpatient Events - Hearing related	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Number of Participants with AFU Present	2422		2621		2760		2898		10701	
AFU:EVEA - Out-patient Conditions Form	2267	93.6	2603	99.3	2689	97.4	2896	99.9	10455	97.7
Current hearing (w/o use of an aide)										
Excellent	644	28.4	727	27.9	813	30.2	650	22.4	2834	27.1
Good	912	40.2	1187	45.6	1220	45.4	1429	49.3	4748	45.4
A little trouble hearing	282	12.4	283	10.9	304	11.3	304	10.5	1173	11.2
Moderate trouble hearing	105	4.6	114	4.4	86	3.2	120	4.1	425	4.1
A lot of hearing trouble	29	1.3	34	1.3	31	1.2	23	0.8	117	1.1
Deaf	2	0.1	11	0.4	2	0.1	1	0.0	16	0.2
Refused, do not know	2	0.1	10	0.4	1	0.0	0	0.0	13	0.1
Sine last visit told needed hearing aid	49	2.2	57	2.2	38	1.4	55	1.9	199	1.9
Acquired hearing aid	26	1.2	10	0.4	13	0.5	20	0.7	69	0.7
Use hearing aid always or sometimes	20	0.9	6	0.2	12	0.5	15	0.5	53	0.5
When exposed to loud noise at work wear ear protection										
None of the time	1897	83.7	1947	74.8	2259	84.0	2196	75.8	8299	79.4
Occasionally	9	0.4	44	1.7	59	2.2	68	2.4	180	1.7
25% of the time	24	1.1	61	2.3	96	3.6	70	2.4	251	2.4
50% of the time	14	0.6	54	2.1	26	1.0	35	1.2	129	1.2
75% of the time	5	0.2	38	1.5	5	0.2	45	1.6	93	0.9
100% of the time	5	0.2	38	1.5	5	0.2	45	1.6	93	0.9

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

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Table 2.25. Out-patient Self-Report of Hearing Related Events During Second Year of Annual Follow-up by Center

Outpatient Events - Hearing related	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
When exposed to loud noise outside work wear ear protection										
None of the time	1915	84.5	2262	86.9	2395	89.1	2368	81.8	8940	85.5
Occasionally	9	0.4	24	0.9	3	0.1	49	1.7	85	0.8
25% of the time	23	1.0	34	1.3	16	0.6	44	1.5	117	1.1
50% of the time	8	0.4	12	0.5	10	0.4	18	0.6	48	0.5
75% of the time	4	0.2	12	0.5	2	0.1	14	0.5	32	0.3
100% of the time	4	0.2	12	0.5	2	0.1	14	0.5	32	0.3
Buzzing or ringing in ears	417	18.4	505	19.4	431	16.0	652	22.5	2005	19.2
 Ringing noise usually lasts over 5 minutes}	178	7.9	194	7.5	149	5.5	240	8.3	761	7.3
 Ringing noise only follows loud sounds}	103	4.5	84	3.2	52	1.9	93	3.2	332	3.2

Based on analysis files created on September 19, 2012.

Note: For participants who are eligible for Annual Follow-Up (FULL_AFU_ELIGIBLE=1).

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Table 2.26 Last Reported Stage for Endpoints Investigation by Center

Event Materials Status	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Hosp + ED visits on AFU¹	2087		1659		1501		1389		6636	
Total eligible events for investigation	997		844		806		616		3263	
Total reported events w/tracking information	1000	100.0	894	100.0	760	94.3	604	98.1	3258	99.8
Pending records request	0	0.0	0	0.0	0	0.0	3	0.5	3	0.1
Release of Information requested	6	0.6	0	0.0	2	0.2	4	0.6	12	0.4
Release of Information obtained	1	0.1	0	0.0	1	0.1	0	0.0	2	0.1
Event Record requested	58	5.8	97	11.5	49	6.1	11	1.8	215	6.6
Confirmed, No event to investigate	257	25.8	199	23.6	174	21.6	168	27.3	798	24.5
Confirmed, Records Not Available	35	3.5	33	3.9	2	0.2	73	11.9	143	4.4
Medical records received for event	0	0.0	18	2.1	0	0.0	0	0.0	18	0.6
Supplemental records requested	2	0.2	20	2.4	7	0.9	0	0.0	29	0.9
Verification of medical records	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Verification forms with ICD-9 Codes²	631	98.7	469	89.0	499	95.2	325	94.5	1924	94.6
Verification forms Missing ICD-9 Codes²	8	1.3	58	11.0	25	4.8	19	5.5	110	5.4
Shipping Medical records to CC	639	64.1	527	62.4	524	65.0	344	55.8	2034	62.3
Closed Event	932	93.5	765	90.6	702	87.1	585	95.0	2984	91.4
Pending Event	67	6.7	129	15.3	57	7.1	18	2.9	271	8.3

Based on analysis files created on September 19, 2012.

Source Files: ETRA forms and AFU interview.

¹For reported Hosp/ED visits with a non-missing event date. Participants may report more than one hospitalization or ED visit per AFU interview.

²Percents for presence of ICD-9 codes is calculated using number of eligible events shipped to CC.

Other Notes: *Percents are calculated using the number of eligible events from DMS.

*Closed events have either had medical records shipped to the CC, or have been confirmed locally as having no existing records and or not being an event for investigation.

Pending events are at an intermediate stage of investigation. Ineligible cases included, AFU reported hospitalizations of ED visits which after investigation are determined to be ineligible for endpoint classification (e.g. outpatient visits, ED visit for non-qualifying condition).

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Table 2.26a Last Reported Stage for Endpoints Investigation by Event Year

Event Materials Status	<u>2008</u>		<u>2009</u>		<u>2010</u>		<u>2011</u>		<u>2012</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%	N	%
Hosp + ED visits on AFU¹	108		831		1857		2829		1011		6636	
Total eligible events for investigation	51		428		978		1389		417		3263	
Total reported events w/tracking information	54	100.0	434	100.0	999	100.0	1384	99.6	387	92.8	3258	99.8
Pending records request	0	0.0	0	0.0	0	0.0	1	0.1	2	0.5	3	0.1
Release of Information requested	0	0.0	0	0.0	0	0.0	7	0.5	5	1.2	12	0.4
Release of Information obtained	1	2.0	0	0.0	0	0.0	1	0.1	0	0.0	2	0.1
Event Record requested	0	0.0	5	1.2	32	3.3	88	6.3	90	21.6	215	6.6
Ineligible	7	13.7	126	29.4	252	25.8	341	24.6	72	17.3	798	24.5
Records Not Available	4	7.8	23	5.4	53	5.4	49	3.5	14	3.4	143	4.4
Medical records received for event	0	0.0	2	0.5	1	0.1	10	0.7	5	1.2	18	0.6
Supplemental records requested	0	0.0	0	0.0	5	0.5	19	1.4	5	1.2	29	0.9
Verification of medical records	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Verification forms with ICD-9 Codes²	40	95.2	254	91.7	622	95.0	824	95.0	184	95.3	1924	94.6
Verification forms Missing ICD-9 Codes²	2	4.8	23	8.3	33	5.0	43	5.0	9	4.7	110	5.4
Shipping Medical records to CC	42	82.4	277	64.7	655	67.0	867	62.4	193	46.3	2034	62.3
Closed Event	54	100.0	434	100.0	960	98.2	1257	90.5	279	66.9	2984	91.4
Pending Event	0	0.0	0	0.0	38	3.9	126	9.1	107	25.7	271	8.3

Based on analysis files created on September 19, 2012.

Source Files: ETRA forms and AFU interview.

¹For reported Hosp/ED visits with a non-missing event date. Participants may report more than one hospitalization or ED visit per AFU interview.

²Percents for presence of ICD-9 codes is calculated using number of eligible events shipped to CC.

Other Notes: *Percents are calculated using the number of eligible events from DMS.

*Closed events have either had medical records shipped to the CC, or have been confirmed locally as having no existing records and/or not being an event for investigation.

Pending events are at an intermediate stage of investigation. Ineligible cases include, AFU reported hospitalizations of ED visits which after investigation are determined to be ineligible for endpoint classification (e.g. outpatient visits, ED visit for non-qualifying condition).