



TO: HCHS/SOL Steering Committee and Project Managers

CC: Subcommittee Chairs, Reading Center Investigators

FROM: Marston Youngblood, HCHS Coordinating Center

DATE: December 13, 2011

RE: HCHS/SOL Management Report for November 2011

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Attached is the HCHS/SOL Management Report produced during the month of November, 2011. We cut-off the inclusion of data used in this report on November 15th when the SAS analysis files were created. The content of the report has been reduced now that screening and recruitment and the baseline examinations are past. The content of the report will focus on Annual Follow-up and Endpoints in the HCHS/SOL cohort. (See either the last OSMB report or earlier versions of the monthly management report post on the study web site for descriptive statistics or recruitment related tables.)

Note, many tables have been removed to reflect the closure of the baseline examination database. The number of participants with either a full protocol or core baseline examination as of this report was 16,161 (see table 2.1) while approximately 101 participants had a minimal subset of information available to be eligible for full follow-up interviews (N=16,242). Table 2.9 on Ancillary Study screening and recruitment was revised recently to include SOLNAS. Approximately 49% of our study participants have been screened by at least one ancillary study. Based on the screening information keyed through November 3rd, 64% of the participants screened for an ancillary study also agree to participate. A small number of the cohort (347, or 4%) is participating in two studies as of this report and only four people have agreed to participate in three studies.

The results for the first year of annual follow-up for the 9,380 cohort members now outside the contact window (see table 2.15a) shows that the rate of contact was (95%), percent interviewed (86%), and eligibility for the next year AFU interview (98.5%). The comparable response rate for AFU year 2 interviews (table 2.15b) are 3,643 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 (94.8%), percent interviewed (84.1%), and eligibility for the next year AFU interview (99.3%). Table 16.c for AFU year 3 has 1784 expected and 1009 completed interviews for the initial participants who are still within the six-month long contact window. The next report will have enough observations in the closed window for the third AFU year to compute preliminary response rates.

HCHS/SOL Management Report, November 2011
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Table 2.1 Completion of Baseline Exams by Center

	<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	%	N	%	N	%	N	%	N	%
Questionnaire battery										
a. Complete	3557	85.6	4039	97.6	3952	96.7	4039	98.5	15587	94.6
b. Partial	590	14.2	98	2.4	135	3.3	58	1.4	881	5.4
Exam Procedure										
a. Complete	3574	86.0	4071	98.4	3912	95.7	4021	98.1	15578	94.5
b. Partial	559	13.5	66	1.6	175	4.3	74	1.8	874	5.3
Full Protocol Visit										
a. Complete	3480	83.7	4016	97.1	3859	94.4	4010	97.8	15365	93.2
b. Partial	667	16.1	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	95.8	4097	99.0	4029	98.6	4053	98.9	16161	98.1
Full Annual Follow-Up Eligible Visits	4003	96.3	4118	99.5	4057	99.3	4064	99.2	16242	98.6

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 November 15, 2011.

HCHS/SOL Management Report, November 2011

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Table 2.6 Study Procedures Acquired vs. Received from Reading Centers

Center	Procedure	Acquired during Exam		Received from Reading Center		Outstanding Studies After 7+ Weeks	
		N	%	N	%	N	%
Bronx (N=4003)	Activity monitor	3956	98.8	3584	89.5	372	9.3
	Audiometry	4003	100.0	3670	91.7	8	0.2
	Clinical Laboratory	3998	99.9	3995	99.8	3	0.1
	Dental exam	4003	100.0	4003	100.0	0	0.0
	Diet recall	3995	99.8	3976	99.3	19	0.5
	ECG	3999	99.9	3981	99.5	18	0.4
	Sleep	3749	93.7	3702	92.5	47	1.2
	Spirometry	3678	91.9	3649	91.2	29	0.7
Chicago (N=4118)	Activity monitor	3969	96.4	3846	93.4	123	3.0
	Audiometry	4118	100.0	4092	99.4	6	0.1
	Clinical Laboratory	4113	99.9	4112	99.9	1	0.0
	Dental exam	4118	100.0	4118	100.0	0	0.0
	Diet recall	4114	99.9	4109	99.8	5	0.1
	ECG	4111	99.8	4043	98.2	68	1.7
	Sleep	4008	97.3	3949	95.9	59	1.4
	Spirometry	4043	98.2	3968	96.4	75	1.8

Based on analysis files created on November 15, 2011.

Note: Counts are based on presence of either a clinic exam checklist form with procedures noted, or receipt of a record from the reading centers.

Note: Denominator for percentages is the number of participants with baseline examinations.

HCHS/SOL Management Report, November 2011

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Table 2.6 Study Procedures Acquired vs. Received from Reading Centers

Center	Procedure	Acquired during Exam		Received from Reading Center		Outstanding Studies After 7+ Weeks	
		N	%	N	%	N	%
Miami (N=4057)	Activity monitor	4008	98.8	3727	91.9	281	6.9
	Audiometry	4057	100.0	4017	99.0	9	0.2
	Clinical Laboratory	4055	100.0	4051	99.9	4	0.1
	Dental exam	4056	100.0	4056	100.0	0	0.0
	Diet recall	4055	100.0	4048	99.8	7	0.2
	ECG	4056	100.0	4008	98.8	48	1.2
	Sleep	3901	96.2	3546	87.4	355	8.8
	Spirometry	4016	99.0	3940	97.1	76	1.9
San Diego (N=4064)	Activity monitor	4042	99.5	3922	96.5	120	3.0
	Audiometry	4064	100.0	4045	99.5	15	0.4
	Clinical Laboratory	4060	99.9	4059	99.9	1	0.0
	Dental exam	4064	100.0	4064	100.0	0	0.0
	Diet recall	4061	99.9	4035	99.3	26	0.6
	ECG	4063	100.0	4053	99.7	10	0.2
	Sleep	4022	99.0	3993	98.3	29	0.7
	Spirometry	3986	98.1	3980	97.9	6	0.1

Based on analysis files created on November 15, 2011.

Note: Counts are based on presence of either a clinic exam checklist form with procedures noted, or receipt of a record from the reading centers.

Note: Denominator for percentages is the number of participants with baseline examinations.

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Table 2.7 Data Received from Reading Centers

	<u>Bronx</u> <u>(N=4003)</u>		<u>Chicago</u> <u>(N=4118)</u>		<u>Miami</u> <u>(N=4057)</u>		<u>San Diego</u> <u>(N=4064)</u>		<u>Overall</u> <u>(N=16242)</u>	
	N	%	N	%	N	%	N	%	N	%
Mar 2008-Jul 2011										
Number of Participants in clinic	4003	100.0	4118	100.0	4057	100.0	4064	100.0	16242	100.0
24-dietary recall	3976	99.3	4109	99.8	4048	99.8	4035	99.3	16168	99.5
Repeat dietary recall	3590	90.3	3972	96.7	3863	95.4	3870	95.9	15295	94.6
ECG	3981	99.5	4043	98.2	4008	98.8	4053	99.7	16085	99.0
Sleep studies	3702	92.5	3949	95.9	3546	87.4	3993	98.3	15190	93.5
Physical activity	3584	89.5	3846	93.4	3727	91.9	3922	96.5	15079	92.8

Based on analysis files created on November 15, 2011.

Note: Counts are based on presence of receipt of a record from the reading centers.

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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	1922	46.2	2232	53.9	2208	54.0	1777	43.4	8139	49.4
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)	1357	76.1	1330	62.8	1315	60.0	1334	76.8	5336	68.1
SUENO screened for participation	159		337		22		0		518	
Refuses to participate	17	10.7	36	10.7	0	--	0	--	53	10.2
Agrees to participate (goal=2,000)	116	73.0	172	51.0	22	0.0	0	--	310	59.8
SOLNAS screened for participation	125		193		109		54		481	
Refuses to participate	14	11.2	46	23.8	4	3.7	15	27.8	79	16.4
Agrees to participate (goal=476)	106	84.8	76	39.4	102	93.6	10	18.5	294	61.1
Overall Ancillary Study Enrollment										
Participant in one ancillary study	1360	70.8	1253	56.1	1281	58.0	1340	75.4	5234	64.3
Participant in two ancillary studies	105	5.5	161	7.2	79	3.6	2	0.1	347	4.3
Participant in three studies	3	0.2	1	0.0	0	--	0	--	4	0.0

Based on ancillary study analysis files ANE created on September 20, 2011 (Sociocultural) and November 3, 2011 (SUENO) and file TSE created on October 19, 2011 (SOLNAS) 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 ineligibles or missing data.

HCHS/SOL Management Report, November 2011

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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=4003)		Miami (N=4057)		San Diego (N=4064)		Overall (N=12124)	
	N	%	N	%	N	%	N	%
Participant primary	3960	98.9	3922	96.7	4019	98.9	11901	98.2
Participant secondary	2063	51.5	1408	34.7	2128	52.4	5599	46.2
Participant with any phone number	3979	99.4	4042	99.6	4059	99.9	12080	99.6
First contact	3606	90.1	3589	88.5	3846	94.6	11041	91.1
Second contact	1474	36.8	1987	49.0	3658	90.0	7119	58.7
Third contact	169	4.2	343	8.5	1620	39.9	2132	17.6
At least one alternate contact phone number	3638	90.9	3609	89.0	3911	96.2	11158	92.0
Participants with no phone number for Follow-up	2	0.1	7	0.2	0	0.0	9	0.1

Based on analysis files created on November 15, 2011.

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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=2747)		Miami (N=2995)		San Diego (N=3122)		Overall (N=8864)	
	N	%	N	%	N	%	N	%
Participant primary	2482	90.4	2895	96.7	3073	98.4	8450	95.3
Participant secondary	1443	52.5	1102	36.8	1668	53.4	4213	47.5
Participant with any phone number	2500	91.0	2951	98.5	3112	99.7	8563	96.6
First contact	2280	83.0	2872	95.9	2946	94.4	8098	91.4
Second contact	902	32.8	2092	69.9	2768	88.7	5762	65.0
Third contact	132	4.8	660	22.0	931	29.8	1723	19.4
At least one alternate contact phone number	2309	84.1	2888	96.4	3035	97.2	8232	92.9
Participants with no phone number for Follow-up	242	8.8	40	1.3	2	0.1	284	3.2

Based on analysis files created on November 15, 2011.

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

HCHS/SOL Management Report, November 2011

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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=1523)		Miami (N=1501)		San Diego (N=1960)		Overall (N=4984)	
	N	%	N	%	N	%	N	%
Participant primary	1154	75.8	1265	84.3	1688	86.1	4107	82.4
Participant secondary	672	44.1	430	28.7	880	44.9	1982	39.8
Participant with any phone number	1170	76.8	1267	84.4	1719	87.7	4156	83.4
First contact	1076	70.7	1244	82.9	1607	82.0	3927	78.8
Second contact	428	28.1	963	64.2	1479	75.5	2870	57.6
Third contact	54	3.6	370	24.7	307	15.7	731	14.7
At least one alternate contact phone number	1098	72.1	1250	83.3	1671	85.3	4019	80.6
Participants with no phone number for Follow-up	352	23.1	232	15.5	235	12.0	819	16.4

Based on analysis files created on November 15, 2011.

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

HCHS/SOL Management Report, November 2011

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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=285)		Miami (N=174)		San Diego (N=348)		Overall (N=807)	
	N	%	N	%	N	%	N	%
Participant primary	251	88.1	172	98.9	343	98.6	766	94.9
Participant secondary	138	48.4	60	34.5	186	53.5	384	47.6
Participant with any phone number	255	89.5	173	99.4	347	99.7	775	96.0
Local Contact 1	235	82.5	167	96.0	320	92.0	722	89.5
Local Contact 2	118	41.4	129	74.1	280	80.5	527	65.3
Local Contact 3	14	4.9	55	31.6	78	22.4	147	18.2
At least one alternate contact phone number	240	84.2	170	97.7	334	96.0	744	92.2
Participants with no phone number for Follow-up	29	10.2	0	0.0	1	0.3	30	3.7

Based on analysis files created on November 15, 2011.

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

HCHS/SOL Management Report, November 2011

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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=4003)		Chicago (N=4118)		Miami (N=4057)		San Diego (N=4064)		Overall (N=16242)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	3163	79.0	3163	76.8	3162	77.9	3304	81.3	12792	78.8
Participants with AFU Information Present¹	2758	87.2	2863	90.5	3007	95.1	3128	94.7	11756	91.9
Contacted and Alive	2491	90.3	2521	88.1	2792	92.9	2738	87.5	10542	89.7
Contacted and Refused Interview	21	0.8	45	1.6	30	1.0	24	0.8	120	1.0
Not Contacted, Reported Alive	144	5.2	211	7.4	74	2.5	294	9.4	723	6.2
Not Contacted, Reported Deceased	11	0.4	4	0.1	12	0.4	6	0.2	33	0.3
Unknown Vital Status	91	3.3	82	2.9	99	3.3	66	2.1	338	2.9

Based on analysis files created on November 15, 2011.

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 2.14a 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=4003)		Chicago (N=4118)		Miami (N=4057)		San Diego (N=4064)		Overall (N=16242)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	2268	56.7	2438	59.2	2189	54.0	2485	61.2	9380	57.8
Participants with AFU Information Present¹	2223	98.0	2320	95.2	2186	99.9	2462	99.1	9191	98.0
Contacted and Alive	1997	89.8	1982	85.4	1979	90.5	2076	84.3	8034	87.4
Contacted and Refused Interview	21	0.9	44	1.9	28	1.3	23	0.9	116	1.3
Not Contacted, Reported Alive	125	5.6	209	9.0	72	3.3	293	11.9	699	7.6
Not Contacted, Reported Deceased	10	0.5	4	0.2	9	0.4	4	0.2	27	0.3
Unknown Vital Status	70	3.2	81	3.5	98	4.5	66	2.7	315	3.4

Based on analysis files created on November 15, 2011.

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 2.14b 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=3978)		Chicago (N=4099)		Miami (N=4028)		San Diego (N=4043)		Overall (N=16148)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	1531	38.5	1910	46.6	1480	36.7	1956	48.4	6877	42.6
Participants with AFU Information Present¹	1308	85.4	1577	82.6	1341	90.6	1720	87.9	5946	86.5
Contacted and Alive	1181	90.3	1479	93.8	1274	95.0	1541	89.6	5475	92.1
Contacted and Refused Interview	1	0.1	4	0.3	1	0.1	1	0.1	7	0.1
Not Contacted, Reported Alive	66	5.1	62	3.9	22	1.6	130	7.6	280	4.7
Not Contacted, Reported Deceased	0	0.0	1	0.1	0	0.0	0	0.0	1	0.0
Unknown Vital Status	60	4.6	31	2.0	44	3.3	48	2.8	183	3.1

Based on analysis files created on November 15, 2011.

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).

HCHS/SOL Management Report, November 2011

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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=3999)		Chicago (N=4117)		Miami (N=4054)		San Diego (N=4056)		Overall (N=16226)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	469	11.7	425	10.3	375	9.3	500	12.3	1769	10.9
Participants with AFU Information Present¹	286	61.0	285	67.1	189	50.4	347	69.4	1107	62.6
Contacted and Alive	270	94.4	275	96.5	154	81.5	340	98.0	1039	93.9
Contacted and Refused Interview	0	0.0	0	0.0	1	0.5	0	0.0	1	0.1
Not Contacted, Reported Alive	4	1.4	1	0.4	1	0.5	1	0.3	7	0.6
Not Contacted, Reported Deceased	3	1.1	3	1.1	18	9.5	4	1.2	28	2.5
Unknown Vital Status	9	3.2	6	2.1	15	7.9	2	0.6	32	2.9

Based on analysis files created on November 15, 2011.

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).

HCHS/SOL Management Report, November 2011

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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=4003)		Chicago (N=4118)		Miami (N=4057)		San Diego (N=4064)		Overall (N=16242)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	2268		2438		2189		2485		9380	
Missing AFU forms¹	22	1.0	73	3.0	3	0.1	14	0.6	112	1.2
Unknown Vital Status	77	3.4	82	3.4	98	4.5	67	2.7	324	3.5
Deceased	10	0.4	4	0.2	9	0.4	4	0.2	27	0.3
Contacted and Refused Interview	22	1.0	44	1.8	28	1.3	23	0.9	117	1.3
Contacted by Proxy, Reported Alive	131	5.8	211	8.7	72	3.3	294	11.8	708	7.6
Contacted and Interviewed	2006	88.5	2024	83.0	1979	90.4	2083	83.8	8092	86.3
Partial AFU Interview²	82	3.6	83	3.4	4	0.2	25	1.0	194	2.1
Core AFU Interview³	2	0.1	1	0.0	2	0.1	1	0.0	6	0.1
Complete AFU Interview⁴	1922	84.7	1940	79.6	1973	90.1	2057	82.8	7892	84.1
Contact rate for follow-up⁵	2169	95.6	2283	93.6	2088	95.4	2404	96.7	8944	95.4
Response rate for follow-up⁶	2006	88.8	2024	83.2	1979	90.8	2083	84.0	8092	86.5
Eligible for next year follow-up⁷	2236	98.6	2390	98.0	2152	98.3	2458	98.9	9236	98.5

Based on analysis files created on November 15, 2011.

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,MEEA).

(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 2.15a1 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=9706)		Male (N=6533)		Missing (N=3)		Overall (N=16242)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	5584		3795		1		9380	
Missing AFU forms¹	51	0.9	61	1.6	0	0.0	112	1.2
Unknown Vital Status	160	2.9	164	4.3	0	0.0	324	3.5
Deceased	13	0.2	14	0.4	0	0.0	27	0.3
Contacted and Refused Interview	77	1.4	40	1.1	0	0.0	117	1.3
Contacted by Proxy, Reported Alive	386	6.9	322	8.5	0	0.0	708	7.6
Contacted and Interviewed	4897	87.7	3194	84.2	1	100.0	8092	86.3
Partial AFU Interview²	102	1.8	92	2.4	0	0.0	194	2.1
Core AFU Interview³	5	0.1	1	0.0	0	0.0	6	0.1
Complete AFU Interview⁴	4790	85.8	3101	81.7	1	100.0	7892	84.1
Contact rate for follow-up⁵	5373	96.2	3570	94.1	1	100.0	8944	95.4
Response rate for follow-up⁶	4897	87.9	3194	84.5	1	100.0	8092	86.5
Eligible for next year follow-up⁷	5494	98.4	3741	98.6	1	100.0	9236	98.5

Based on analysis files created on November 15, 2011.

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,MEEA).

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

Reported Follow-up Status at End of Contact Year 1	Foreign Born (N=13389)		US Born (N=2828)		Missing (N=25)		Overall (N=16242)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	7730		1631		19		9380	
Missing AFU forms ¹	94	1.2	17	1.0	1	5.3	112	1.2
Unknown Vital Status	256	3.3	66	4.1	2	10.5	324	3.5
Deceased	20	0.3	7	0.4	0	0.0	27	0.3
Contacted and Refused Interview	94	1.2	21	1.3	2	10.5	117	1.3
Contacted by Proxy, Reported Alive	519	6.7	185	11.3	4	21.1	708	7.6
Contacted and Interviewed	6747	87.3	1335	81.9	10	52.6	8092	86.3
Partial AFU Interview ²	141	1.8	52	3.2	1	5.3	194	2.1
Core AFU Interview ³	4	0.1	2	0.1	0	0.0	6	0.1
Complete AFU Interview ⁴	6602	85.4	1281	78.5	9	47.4	7892	84.1
Contact rate for follow-up⁵	7380	95.5	1548	94.9	16	84.2	8944	95.4
Response rate for follow-up⁶	6747	87.5	1335	82.2	10	52.6	8092	86.5
Eligible for next year follow-up⁷	7616	98.5	1603	98.3	17	89.5	9236	98.5

Based on analysis files created on November 15, 2011.

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,MEEA).

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

Reported Follow-up Status at End of Contact Year 1	Not Employed (N=7911)		Employed (N=8113)		Missing (N=218)		Overall (N=16242)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	4459		4756		165		9380	
Missing AFU forms ¹	48	1.1	58	1.2	6	3.6	112	1.2
Unknown Vital Status	157	3.5	156	3.3	11	6.7	324	3.5
Deceased	19	0.4	7	0.2	1	0.6	27	0.3
Contacted and Refused Interview	45	1.0	67	1.4	5	3.0	117	1.3
Contacted by Proxy, Reported Alive	315	7.1	376	7.9	17	10.3	708	7.6
Contacted and Interviewed	3875	86.9	4092	86.0	125	75.8	8092	86.3
Partial AFU Interview ²	79	1.8	106	2.2	9	5.5	194	2.1
Core AFU Interview ³	4	0.1	2	0.0	0	0.0	6	0.1
Complete AFU Interview ⁴	3792	85.0	3984	83.8	116	70.3	7892	84.1
Contact rate for follow-up⁵	4254	95.4	4542	95.5	148	89.7	8944	95.4
Response rate for follow-up⁶	3875	87.3	4092	86.2	125	76.2	8092	86.5
Eligible for next year follow-up⁷	4395	98.6	4682	98.4	159	96.4	9236	98.5

Based on analysis files created on November 15, 2011.

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,MEEA).

(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 2.15b 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 1	Bronx (N=3957)		Chicago (N=4072)		Miami (N=4011)		San Diego (N=4031)		Overall (N=16071)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	905		993		619		1126		3643	
Missing AFU forms¹	1	0.1	7	0.7	0	0.0	0	0.0	8	0.2
Unknown Vital Status	24	2.7	57	5.7	57	9.2	44	3.9	182	5.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Contacted and Refused Interview	2	0.2	20	2.0	0	0.0	2	0.2	24	0.7
Contacted by Proxy, Reported Alive	40	4.4	103	10.4	33	5.3	190	16.9	366	10.1
Contacted and Interviewed	838	92.6	806	81.2	529	85.5	890	79.0	3063	84.1
Partial AFU Interview²	139	15.4	88	8.9	31	5.0	91	8.1	349	9.6
Core AFU Interview³	2	0.2	0	0.0	0	0.0	0	0.0	2	0.1
Complete AFU Interview⁴	697	77.0	718	72.3	498	80.5	799	71.0	2712	74.4
Contact rate for follow-up⁵	880	97.2	929	93.6	562	90.8	1082	96.1	3453	94.8
Response rate for follow-up⁶	838	92.6	806	81.2	529	85.5	890	79.0	3063	84.1
Eligible for next year follow-up⁷	903	99.8	973	98.0	619	100.0	1124	99.8	3619	99.3

Based on analysis files created on November 15, 2011.

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 2.15b 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 1	Female (N=9604)		Male (N=6464)		Missing (N=3)		Overall (N=16071)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	2224		1418		1		3643	
Missing AFU forms¹	4	0.2	4	0.3	0	0.0	8	0.2
Unknown Vital Status	92	4.1	90	6.4	0	0.0	182	5.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0
Contacted and Refused Interview	14	0.6	10	0.7	0	0.0	24	0.7
Contacted by Proxy, Reported Alive	213	9.6	153	10.8	0	0.0	366	10.1
Contacted and Interviewed	1901	85.5	1161	81.9	1	100.0	3063	84.1
Partial AFU Interview²	213	9.6	136	9.6	0	0.0	349	9.6
Core AFU Interview³	2	0.1	0	0.0	0	0.0	2	0.1
Complete AFU Interview⁴	1686	75.8	1025	72.3	1	100.0	2712	74.4
Contact rate for follow-up⁵	2128	95.7	1324	93.4	1	100.0	3453	94.8
Response rate for follow-up⁶	1901	85.5	1161	81.9	1	100.0	3063	84.1
Eligible for next year follow-up⁷	2210	99.4	1408	99.3	1	100.0	3619	99.3

Based on analysis files created on November 15, 2011.

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

Reported Follow-up Status at End of Contact Year 1	Foreign Born (N=13254)		US Born (N=2794)		Missing (N=23)		Overall (N=16071)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	2955		677		11		3643	
Missing AFU forms ¹	8	0.3	0	0.0	0	0.0	8	0.2
Unknown Vital Status	152	5.1	28	4.1	2	18.2	182	5.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0
Contacted and Refused Interview	18	0.6	6	0.9	0	0.0	24	0.7
Contacted by Proxy, Reported Alive	269	9.1	94	13.9	3	27.3	366	10.1
Contacted and Interviewed	2508	84.9	549	81.1	6	54.6	3063	84.1
Partial AFU Interview ²	267	9.0	78	11.5	4	36.4	349	9.6
Core AFU Interview ³	1	0.0	1	0.2	0	0.0	2	0.1
Complete AFU Interview ⁴	2240	75.8	470	69.4	2	18.2	2712	74.4
Contact rate for follow-up⁵	2795	94.6	649	95.9	9	81.8	3453	94.8
Response rate for follow-up⁶	2508	84.9	549	81.1	6	54.6	3063	84.1
Eligible for next year follow-up⁷	2937	99.4	671	99.1	11	100.0	3619	99.3

Based on analysis files created on November 15, 2011.

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

Reported Follow-up Status at End of Contact Year 1	Not Employed (N=7828)		Employed (N=8033)		Missing (N=210)		Overall (N=16071)	
	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	1660		1937		46		3643	
Missing AFU forms ¹	4	0.2	4	0.2	0	0.0	8	0.2
Unknown Vital Status	82	4.9	98	5.1	2	4.4	182	5.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0
Contacted and Refused Interview	5	0.3	19	1.0	0	0.0	24	0.7
Contacted by Proxy, Reported Alive	167	10.1	192	9.9	7	15.2	366	10.1
Contacted and Interviewed	1402	84.5	1624	83.8	37	80.4	3063	84.1
Partial AFU Interview ²	165	9.9	172	8.9	12	26.1	349	9.6
Core AFU Interview ³	2	0.1	0	0.0	0	0.0	2	0.1
Complete AFU Interview ⁴	1235	74.4	1452	75.0	25	54.4	2712	74.4
Contact rate for follow-up⁵	1574	94.8	1835	94.7	44	95.7	3453	94.8
Response rate for follow-up⁶	1402	84.5	1624	83.8	37	80.4	3063	84.1
Eligible for next year follow-up⁷	1655	99.7	1918	99.0	46	100.0	3619	99.3

Based on analysis files created on November 15, 2011.

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 2.16a 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=4003)		Chicago (N=4118)		Miami (N=4057)		San Diego (N=4064)		Overall (N=16242)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	3163	79.0	3163	76.8	3162	77.9	3304	81.3	12792	78.8
Attempted Number of Interviews¹	2912	92.1	2958	93.5	3155	99.8	3272	99.0	12297	96.1
Pending	5	0.2	0	0.0	0	0.0	0	0.0	5	0.0
Tracing	86	3.0	11	0.4	93	3.0	26	0.8	216	1.8
Alive/not contacted - attempt in same year	106	3.6	78	2.6	93	3.0	152	4.7	429	3.5
Alive/not contacted - contact not possible this year	226	7.8	228	7.7	72	2.3	283	8.7	809	6.6
Refusals²	29	1.0	32	1.1	29	0.9	25	0.8	115	0.9
Deceased²	12	0.4	4	0.1	12	0.4	7	0.2	35	0.3
Unknown²	43	1.5	82	2.8	100	3.2	67	2.1	292	2.4
Partial Interview/reschedule²	110	3.8	96	3.3	55	1.7	111	3.4	372	3.0
Completed Interviews - Participant²	2284	78.4	2362	79.9	2695	85.4	2582	78.9	9923	80.7
Completed Interviews - Informant²	11	0.4	65	2.2	6	0.2	19	0.6	101	0.8

Based on analysis files created on November 15, 2011.

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.

(2) 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	Bronx (N=4003)		Chicago (N=4118)		Miami (N=4057)		San Diego (N=4064)		Overall (N=16242)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	1556	38.9	1929	46.8	1509	37.2	1977	48.7	6971	42.9
Attempted Number of Interviews¹	1415	90.9	1699	88.1	1485	98.4	1938	98.0	6537	93.8
Pending	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tracing	77	5.4	85	5.0	113	7.6	66	3.4	341	5.2
Alive/not contacted - attempt in same year	57	4.0	88	5.2	100	6.7	164	8.5	409	6.3
Alive/not contacted - contact not possible this year	79	5.6	64	3.8	21	1.4	118	6.1	282	4.3
Refusals²	16	1.1	9	0.5	22	1.5	17	0.9	64	1.0
Deceased²	7	0.5	6	0.4	7	0.5	3	0.2	23	0.4
Unknown²	32	2.3	33	1.9	45	3.0	46	2.4	156	2.4
Partial Interview/reschedule²	16	1.1	5	0.3	5	0.3	1	0.1	27	0.4
Completed Interviews - Participant²	1127	79.7	1381	81.3	1166	78.5	1511	78.0	5185	79.3
Completed Interviews - Informant²	4	0.3	28	1.7	6	0.4	12	0.6	50	0.8

Based on analysis files created on November 15, 2011.

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=4003)		<u>Chicago</u> (N=4118)		<u>Miami</u> (N=4057)		<u>San Diego</u> (N=4064)		<u>Overall</u> (N=16242)	
	N	%	N	%	N	%	N	%	N	%
Expected Number of Annual Interviews	473	11.8	426	10.3	378	9.3	507	12.5	1784	11.0
Attempted Number of Interviews¹	360	76.1	306	71.8	256	67.7	475	93.7	1397	78.3
Pending	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tracing	62	17.2	16	5.2	44	17.2	47	9.9	169	12.1
Alive/not contacted - attempt in same year	31	8.6	11	3.6	18	7.0	82	17.3	142	10.2
Alive/not contacted - contact not possible this year	3	0.8	4	1.3	20	7.8	6	1.3	33	2.4
Refusals²	1	0.3	0	0.0	0	0.0	5	1.1	6	0.4
Deceased²	3	0.8	1	0.3	2	0.8	2	0.4	8	0.6
Unknown²	4	1.1	5	1.6	16	6.3	2	0.4	27	1.9
Partial Interview/reschedule²	1	0.3	0	0.0	2	0.8	0	0.0	3	0.2
Completed Interviews - Participant²	254	70.6	268	87.6	151	59.0	330	69.5	1003	71.8
Completed Interviews - Informant²	1	0.3	1	0.3	3	1.2	1	0.2	6	0.4

Based on analysis files created on November 15, 2011.

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	2268			2438			2189			2485			9380		
Annual Follow-Up															
GHE - General Health¹	2268	2223	98.0	2438	2320	95.2	2189	2186	99.9	2485	2462	99.1	9380	9191	98.0
HOE - Hospitalization/Emergency Dept. Events²	1999	1934	96.7	1985	1967	99.1	1982	1979	99.8	2080	2076	99.8	8046	7956	98.9
OPE - Out Patient Conditions²	1997	1933	96.8	1982	1967	99.2	1979	1976	99.8	2076	2073	99.9	8034	7949	98.9
MEE - Medications²	1997	1928	96.5	1982	1946	98.2	1979	1977	99.9	2076	2064	99.4	8034	7915	98.5
CIE - Contact Information³	2213	2050	92.6	2316	2283	98.6	2177	2176	100.0	2458	2457	100.0	9164	8966	97.8
Food Propensity¹	1997			1982			1979			2076			8034		
Version A - Long Form		654	32.7		568	28.7		494	25.0		692	33.3		2408	30.0
Version B - Short Form		1252	62.7		1416	71.4		1451	73.3		1287	62.0		5406	67.3

Based on analysis files created on November 15, 2011.

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.

HCHS/SOL Management Report, November 2011

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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	906			999			627			1121			3653		
Annual Follow-Up															
GHE - General Health¹	906	875	96.6	999	928	92.9	627	623	99.4	1121	1082	96.5	3653	3508	96.0
HOE - Hospitalization/Emergency Dept. Events²	776	758	97.7	833	832	99.9	558	554	99.3	905	905	100.0	3072	3049	99.3
OPE - Out Patient Conditions²	776	756	97.4	833	829	99.5	558	554	99.3	905	904	99.9	3072	3043	99.1
EVE - Self-Reported Events²	776	759	97.8	833	829	99.5	558	554	99.3	905	900	99.4	3072	3042	99.0
MEE - Medications²	776	739	95.2	833	828	99.4	558	552	98.9	905	903	99.8	3072	3022	98.4
CIE - Contact Information³	875	802	91.7	927	916	98.8	623	620	99.5	1082	1079	99.7	3507	3417	97.4

Based on analysis files created on November 15, 2011.

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 2.18. 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	%
Number of Participants with AFU Present	4362		4719		4594		5221		18896	
Number of Participants with a Hospital/Emergency Dept. Admissions (at least one)	703	25.5	485	16.7	437	14.5	436	13.9	2061	17.4
Number of Participants with multiple Hospital/Emergency Dept. Admissions	136	4.9	84	2.9	64	2.1	77	2.5	361	3.1
Total Hospital/Emergency Dept. Admissions	1334		1078		819		892		4123	
Emergency Department	796		453		393		486		2128	
Myocardial infarction, heart attack	4	0.5	1	0.2	0	0.0	6	1.2	11	0.5
Angina, chest pain	27	3.4	12	2.7	12	3.1	16	3.3	67	3.2
Heart failure	2	0.3	3	0.7	0	0.0	0	0.0	5	0.2
Stroke or TIA	2	0.3	1	0.2	2	0.5	1	0.2	6	0.3
Peripheral vascular disease	1	0.1	0	0.0	3	0.8	1	0.2	5	0.2
Venous thrombosis or pulmonary embolism	2	0.3	0	0.0	0	0.0	0	0.0	2	0.1
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	7	0.9	1	0.2	3	0.8	2	0.4	13	0.6
Asthma	59	7.4	7	1.6	12	3.1	5	1.0	83	3.9
Other	692	86.9	425	93.8	359	91.4	452	93.0	1928	90.6
Hospitalizations	173		233		142		285		833	
Myocardial infarction, heart attack	1	0.6	0	0.0	4	2.8	3	1.1	8	1.0
Angina, chest pain	6	3.5	5	2.2	3	2.1	7	2.5	21	2.5
Heart failure	1	0.6	2	0.9	2	1.4	2	0.7	7	0.8
Stroke or TIA	3	1.7	0	0.0	1	0.7	4	1.4	8	1.0
Peripheral vascular disease	1	0.6	2	0.9	0	0.0	2	0.7	5	0.6
Venous thrombosis or pulmonary embolism	0	0.0	1	0.4	0	0.0	0	0.0	1	0.1
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	0	0.0	1	0.4	0	0.0	0	0.0	1	0.1
Asthma	6	3.5	1	0.4	2	1.4	1	0.4	10	1.2
Other	155	89.6	219	94.0	130	91.6	264	92.6	768	92.2

Based on analysis files created on November 15, 2011.

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)	365		386		281		116		1148	
Myocardial infarction, heart attack	11	3.0	2	0.5	9	3.2	3	2.6	25	2.2
Angina, chest pain	26	7.1	30	7.8	14	5.0	10	8.6	80	7.0
Heart failure	5	1.4	7	1.8	5	1.8	1	0.9	18	1.6
Stroke or TIA	7	1.9	6	1.6	16	5.7	0	0.0	29	2.5
Peripheral vascular disease	3	0.8	0	0.0	1	0.4	1	0.9	5	0.4
Venous thrombosis or pulmonary embolism	0	0.0	2	0.5	0	0.0	0	0.0	2	0.2
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	4	1.1	6	1.6	1	0.4	0	0.0	11	1.0
Asthma	22	6.0	9	2.3	5	1.8	0	0.0	36	3.1
Other	287	78.6	321	83.2	230	81.9	98	84.5	936	81.5
Unknown/Missing	0		6		3		5		14	

Based on analysis files created on November 15, 2011.

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

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

17NOV11, 10:23 -- HC047032 (UCCPXS)

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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)	25		9		14		16		64	
Number of Participants with multiple Hospital/Emergency Dept. Admissions	10	40.0	0	0.0	4	28.6	6	37.5	20	31.3
Total Hospital/Emergency Dept. Admissions	35		10		28		24		97	
Emergency Department	22		6		11		14		53	
Myocardial infarction, heart attack	1	4.6	0	0.0	0	0.0	0	0.0	1	1.9
Angina, chest pain	2	9.1	0	0.0	2	18.2	1	7.1	5	9.4
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	1	16.7	0	0.0	0	0.0	1	1.9
Other	19	86.4	5	83.3	9	81.8	13	92.9	46	86.8
Hospitalizations	7		1		3		5		16	
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	6.3
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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	7	100.0	1	100.0	3	100.0	4	80.0	15	93.8

Based on analysis files created on November 15, 2011.

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 2.18a. 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)	6		3		14		5		28	
Myocardial infarction, heart attack	0	0.0	0	0.0	4	28.6	0	0.0	4	14.3
Angina, chest pain	0	0.0	0	0.0	1	7.1	0	0.0	1	3.6
Heart failure	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Stroke or TIA	1	16.7	0	0.0	0	0.0	0	0.0	1	3.6
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	3.6
Other	5	83.3	2	66.7	9	64.3	5	100.0	21	75.0
Unknown/Missing	0		0		0		0		0	

Based on analysis files created on November 15, 2011.

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

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

HCHS/SOL Management Report, November 2011

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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)	199		105		116		136		556	
Number of Participants with multiple Hospital/Emergency Dept. Admissions	47	23.6	16	15.2	20	17.2	32	23.5	115	20.7
Total Hospital/Emergency Dept. Admissions	270		153		168		204		795	
Emergency Department	143		64		70		106		383	
Myocardial infarction, heart attack	0	0.0	1	1.6	0	0.0	0	0.0	1	0.3
Angina, chest pain	5	3.5	0	0.0	4	5.7	4	3.8	13	3.4
Heart failure	1	0.7	1	1.6	0	0.0	0	0.0	2	0.5
Stroke or TIA	0	0.0	1	1.6	1	1.4	0	0.0	2	0.5
Peripheral vascular disease	0	0.0	0	0.0	2	2.9	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	1.6	0	0.0	0	0.0	2	0.5
Asthma	8	5.6	2	3.1	1	1.4	0	0.0	11	2.9
Other	127	88.8	58	90.6	62	88.6	101	95.3	348	90.9
Hospitalizations	41		23		42		61		167	
Myocardial infarction, heart attack	0	0.0	0	0.0	0	0.0	1	1.6	1	0.6
Angina, chest pain	1	2.4	0	0.0	1	2.4	2	3.3	4	2.4
Heart failure	0	0.0	0	0.0	0	0.0	1	1.6	1	0.6
Stroke or TIA	3	7.3	0	0.0	1	2.4	1	1.6	5	3.0
Peripheral vascular disease	1	2.4	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	4.9	0	0.0	2	4.8	0	0.0	4	2.4
Other	34	82.9	22	95.7	38	90.5	56	91.8	150	89.8

Based on analysis files created on November 15, 2011.

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		56		35		243	
Myocardial infarction, heart attack	0	0.0	1	1.5	2	3.6	2	5.7	5	2.1
Angina, chest pain	9	10.5	5	7.6	3	5.4	3	8.6	20	8.2
Heart failure	1	1.2	1	1.5	1	1.8	0	0.0	3	1.2
Stroke or TIA	2	2.3	0	0.0	7	12.5	0	0.0	9	3.7
Peripheral vascular disease	1	1.2	0	0.0	1	1.8	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	3.6	0	0.0	7	2.9
Other	68	79.1	57	86.4	40	71.4	29	82.9	194	79.8
Unknown/Missing	0		0		0		2		2	

Based on analysis files created on November 15, 2011.

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

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

HCHS/SOL Management Report, November 2011

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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)	268		227		191		178		864	
Number of Participants with multiple Hospital/Emergency Dept. Admissions	49	18.3	45	19.7	24	12.6	30	16.9	148	17.1
Total Hospital/Emergency Dept. Admissions	543		464		331		343		1681	
Emergency Department	304		179		166		191		840	
Myocardial infarction, heart attack	1	0.3	0	0.0	0	0.0	2	1.1	3	0.4
Angina, chest pain	14	4.6	6	3.4	1	0.6	6	3.1	27	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	1.2	0	0.0	5	0.6
Asthma	20	6.6	3	1.7	7	4.2	3	1.6	33	3.9
Other	264	86.8	170	95.0	154	92.8	178	93.2	766	91.2
Hospitalizations	67		126		38		110		341	
Myocardial infarction, heart attack	1	1.5	0	0.0	2	5.3	2	1.8	5	1.5
Angina, chest pain	2	3.0	5	4.0	1	2.6	3	2.7	11	3.2
Heart failure	1	1.5	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	4.5	0	0.0	0	0.0	1	0.9	4	1.2
Other	60	89.6	120	95.2	35	92.1	103	93.6	318	93.3

Based on analysis files created on November 15, 2011.

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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HCHS/SOL Management Report, November 2011

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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)	172		158		125		41		496	
Myocardial infarction, heart attack	6	3.5	0	0.0	2	1.6	0	0.0	8	1.6
Angina, chest pain	13	7.6	13	8.2	3	2.4	4	9.8	33	6.7
Heart failure	2	1.2	4	2.5	2	1.6	1	2.4	9	1.8
Stroke or TIA	4	2.3	2	1.3	5	4.0	0	0.0	11	2.2
Peripheral vascular disease	2	1.2	0	0.0	0	0.0	1	2.4	3	0.6
Venous thrombosis or pulmonary embolism	0	0.0	2	1.3	0	0.0	0	0.0	2	0.4
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	1	0.6	1	0.6	1	0.8	0	0.0	3	0.6
Asthma	10	5.8	5	3.2	2	1.6	0	0.0	17	3.4
Other	134	77.9	130	82.3	110	88.0	35	85.4	409	82.5
Unknown/Missing	0		1		2		1		4	

Based on analysis files created on November 15, 2011.

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

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

HCHS/SOL Management Report, November 2011

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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)	192		119		107		101		519	
Number of Participants with multiple Hospital/Emergency Dept. Admissions	27	14.1	21	17.7	15	14.0	9	8.9	72	13.9
Total Hospital/Emergency Dept. Admissions	375		313		241		247		1176	
Emergency Department	251		156		119		141		667	
Myocardial infarction, heart attack	0	0.0	0	0.0	0	0.0	1	0.7	1	0.2
Angina, chest pain	5	2.0	6	3.9	5	4.2	4	2.8	20	3.0
Heart failure	0	0.0	2	1.3	0	0.0	0	0.0	2	0.3
Stroke or TIA	1	0.4	0	0.0	0	0.0	1	0.7	2	0.3
Peripheral vascular disease	1	0.4	0	0.0	0	0.0	0	0.0	1	0.2
Venous thrombosis or pulmonary embolism	1	0.4	0	0.0	0	0.0	0	0.0	1	0.2
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	3	1.2	0	0.0	1	0.8	2	1.4	6	0.9
Asthma	30	12.0	1	0.6	3	2.5	2	1.4	36	5.4
Other	210	83.7	144	92.3	109	91.6	131	92.9	594	89.1
Hospitalizations	49		65		49		76		239	
Myocardial infarction, heart attack	0	0.0	0	0.0	2	4.1	0	0.0	2	0.8
Angina, chest pain	1	2.0	0	0.0	1	2.0	0	0.0	2	0.8
Heart failure	0	0.0	1	1.5	2	4.1	1	1.3	4	1.7
Stroke or TIA	0	0.0	0	0.0	0	0.0	2	2.6	2	0.8
Peripheral vascular disease	0	0.0	1	1.5	0	0.0	1	1.3	2	0.8
Venous thrombosis or pulmonary embolism	0	0.0	1	1.5	0	0.0	0	0.0	1	0.4
Chronic Obstructive Pulmonary Disease, emphysema, or chronic bronchitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Asthma	1	2.0	1	1.5	0	0.0	0	0.0	2	0.8
Other	47	95.9	59	90.8	44	89.8	71	93.4	221	92.5

Based on analysis files created on November 15, 2011.

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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HCHS/SOL Management Report, November 2011

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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)	75		90		72		29		266	
Myocardial infarction, heart attack	4	5.3	1	1.1	1	1.4	1	3.5	7	2.6
Angina, chest pain	1	1.3	9	10.0	7	9.7	2	6.9	19	7.1
Heart failure	1	1.3	0	0.0	2	2.8	0	0.0	3	1.1
Stroke or TIA	0	0.0	1	1.1	4	5.6	0	0.0	5	1.9
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	2	2.7	1	1.1	0	0.0	0	0.0	3	1.1
Asthma	7	9.3	0	0.0	1	1.4	0	0.0	8	3.0
Other	60	80.0	76	84.4	57	79.2	24	82.8	217	81.6
Unknown/Missing	0		2		1		1		4	

Based on analysis files created on November 15, 2011.

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

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

HCHS/SOL Management Report, November 2011

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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	%
Number of Participants with AFU Present	4366		4723		4576		5226		18891	
AFU:OPE - Out-patient Conditions Form	4124	94.5	4641	98.3	4536	99.1	5211	99.7	18512	98.0
COPD,etc. - Out-patient self-report	103	2.5	73	1.6	74	1.6	74	1.4	324	1.8
Diagnostic tests for COPD,etc.²	87	84.5	55	75.3	63	85.1	56	75.7	261	80.6
Exacerbation/Worsening of COPD,etc.	31	30.1	24	32.9	21	28.4	10	13.5	86	26.5
Change in Medication	27	87.1	19	79.2	12	57.1	6	60.0	64	74.4
Asthma - Out-patient self-report	333	8.1	149	3.2	43	1.0	178	3.4	703	3.8
Diagnostic tests for Asthma^{2,3}	255	76.6	107	71.8	32	74.4	91	51.1	485	69.0
Exacerbation/Worsening of Asthma	127	38.1	33	22.2	15	34.9	25	14.0	200	28.5
Change in Medication	113	89.0	29	87.9	8	53.3	14	56.0	164	82.0

Based on analysis files created on November 15, 2011.

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.

HCHS/SOL Management Report, November 2011
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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	%
Number of Participants with AFU Present	4338		4699		4562		5200		18799	
AFU:OPE - Out Patient Conditions Form	3779	100.0	3976	100.0	4122	100.0	4478	99.9	16355	99.9
COPD,etc. - Outpatient self-report	74	2.0	59	1.5	64	1.6	68	1.5	265	1.6
Diagnostic tests for COPD,etc.²	63	85.1	42	71.2	54	84.4	54	79.4	213	80.4
Exacerbation/Worsening of COPD,etc.	21	28.4	16	27.1	20	31.3	10	14.7	67	25.3
Change in Medication	19	90.5	12	75.0	12	60.0	6	60.0	49	73.1
Asthma - Outpatient self-report	282	7.5	132	3.3	35	0.9	166	3.7	615	3.8
Diagnostic tests for Asthma^{2,3}	214	75.9	93	70.5	24	68.6	82	49.4	413	67.2
Exacerbation/Worsening of Asthma	104	36.9	26	19.7	12	34.3	23	13.9	165	26.8
Change in Medication	91	87.5	23	88.5	7	58.3	12	52.2	133	80.6

Based on analysis files created on November 15, 2011.

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	2756		2864		3010		3127		11757	
AFU:OPE - Out-patient Conditions Form	2522	91.5	2678	93.5	2950	98.0	3113	99.6	11263	95.8
Told by MD had diabetes	276	10.9	240	9.0	61	2.1	448	14.4	1025	9.1
New or different treatments recommended	148	53.6	132	55.0	46	75.4	184	41.1	510	49.8
Diabetes treatment recommended	93	62.8	92	69.7	37	80.4	110	59.8	332	65.1
Pills	26	17.6	13	9.9	0	0.0	10	5.4	49	9.6
Insulin alone	26	17.6	15	11.4	0	0.0	12	6.5	53	10.4
Insulin and pills	25	16.9	37	28.0	7	15.2	15	8.2	84	16.5
Referred for eye exam	72	48.7	90	68.2	30	65.2	105	57.1	297	58.2
Advice to change diet	23	15.5	12	9.1	3	6.5	5	2.7	43	8.4
Advice to stop smoking	67	45.3	77	58.3	15	32.6	80	43.5	239	46.9
Advice to increase exercise	5	3.4	5	3.8	1	2.2	7	3.8	18	3.5

Based on analysis files created on November 15, 2011.

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	2756		2864		3010		3127		11757	
AFU:OPE - Out-patient Conditions Form	2522	91.5	2678	93.5	2950	98.0	3113	99.6	11263	95.8
Told by MD had hypertension	506	20.1	345	12.9	157	5.3	619	19.9	1627	14.5
New or different treatments recommended	283	55.9	188	54.5	130	82.8	233	37.6	834	51.3
Hypertension treatment recommended	240	84.8	126	67.0	107	82.3	177	76.0	650	77.9
Start new medication	24	8.5	25	13.3	14	10.8	23	9.9	86	10.3
Increase dose same medicine	71	25.1	77	41.0	44	33.9	45	19.3	237	28.4
Advice to lose weight	94	33.2	104	55.3	68	52.3	85	36.5	351	42.1
Advice to change diet	38	13.4	22	11.7	11	8.5	7	3.0	78	9.4
Advice to stop smoking	82	29.0	110	58.5	44	33.9	87	37.3	323	38.7
Advice to increase exercise	6	2.1	4	2.1	3	2.3	9	3.9	22	2.6

Based on analysis files created on November 15, 2011.

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	2756		2864		3010		3127		11757	
AFU:OPE - Out-patient Conditions Form	2522	91.5	2678	93.5	2950	98.0	3113	99.6	11263	95.8
Told by MD had high Cholesterol	515	20.4	479	17.9	263	8.9	714	22.9	1971	17.5
New or different treatments recommended	325	63.1	316	66.0	207	78.7	392	54.9	1240	62.9
Cholesterol treatment recommended	237	72.9	169	53.5	147	71.0	213	54.3	766	61.8
Start new medication	15	4.6	26	8.2	2	1.0	13	3.3	56	4.5
Increase dose same medicine	119	36.6	148	46.8	99	47.8	99	25.3	465	37.5
Advice to lose weight	166	51.1	233	73.7	144	69.6	258	65.8	801	64.6
Advice to change diet	41	12.6	28	8.9	9	4.4	15	3.8	93	7.5
Advice to stop smoking	118	36.3	195	61.7	90	43.5	172	43.9	575	46.4
Advice to increase exercise	6	1.9	9	2.9	3	1.5	9	2.3	27	2.2

Based on analysis files created on November 15, 2011.

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	1344		1597		1383		1749		6073	
AFU:EVEA - Out-patient Conditions Form	1214	90.3	1563	97.9	1290	93.3	1746	99.8	5813	95.7
Since the Last HCHS/SOL Visit told by MD										
Atrial fibrillation	12	1.0	18	1.2	4	0.3	9	0.5	43	0.7
Heart failure	25	2.1	25	1.6	10	0.8	20	1.2	80	1.4
Blood clot in leg or lung requiring blood thinner	30	2.5	35	2.2	7	0.5	16	0.9	88	1.5
Since the Last HCHS/SOL Viist										
Swelling in feet or ankles at end of day	298	24.6	291	18.6	214	16.6	230	13.2	1033	17.8
Waking up at night with difficulty breathing	198	16.3	139	8.9	131	10.2	117	6.7	585	10.1
Shortness of breath when hurrying or walking uphill	495	40.8	340	21.8	234	18.1	344	19.7	1413	24.3
Stop for breath walking at own pace on level pavement	253	20.8	123	7.9	85	6.6	148	8.5	609	10.5
Difficulty breathing when not active	119	9.8	69	4.4	50	3.9	93	5.3	331	5.7
Cough on most days or nights of week last 3 mo.	118	9.7	61	3.9	77	6.0	64	3.7	320	5.5
Phlegm from chest most days or night of week last 3 mo.	121	10.0	79	5.1	60	4.7	70	4.0	330	5.7
Wheezing or whistling in chest since last visit	185	15.2	156	10.0	91	7.1	129	7.4	561	9.7

Based on analysis files created on November 15, 2011.

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

HCHS/SOL Management Report, November 2011

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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	1344		1597		1383		1749		6073	
AFU:EVEA - Out-patient Conditions Form	1214	90.3	1563	97.9	1290	93.3	1746	99.8	5813	95.7
Frequency of snoring now										
Never	224	18.5	167	10.7	195	15.1	212	12.1	798	13.7
Rarely	101	8.3	210	13.4	80	6.2	301	17.2	692	11.9
Sometimes	331	27.3	347	22.2	309	24.0	417	23.9	1404	24.2
Always or almost always	264	21.8	330	21.1	295	22.9	359	20.6	1248	21.5
Do not know	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Since last MD told had sleep apnea	66	5.4	55	3.5	15	1.2	61	3.5	197	3.4
Treated for sleep apnea										
Surgery	4	6.1	8	14.6	1	6.7	6	9.8	19	9.6
Use of dental appliance	9	13.6	2	3.6	4	26.7	7	11.5	22	11.2
Use of oxygen during sleep	16	24.2	6	10.9	3	20.0	11	18.0	36	18.3
Use pressure machine	22	33.3	21	38.2	4	26.7	21	34.4	68	34.5

Based on analysis files created on November 15, 2011.

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

HCHS/SOL Management Report, November 2011

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

	<u>Bronx</u>		<u>Chicago</u>		<u>Miami</u>		<u>San Diego</u>		<u>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Outpatient Events - Hearing related										
Number of Participants with AFU Present	1344		1597		1383		1749		6073	
AFU:EVEA - Out-patient Conditions Form	1214	90.3	1563	97.9	1290	93.3	1746	99.8	5813	95.7
Current hearing (w/o use of an aide)										
Excellent	381	31.4	442	28.3	428	33.2	390	22.3	1641	28.2
Good	539	44.4	765	48.9	559	43.3	891	51.0	2754	47.4
A little trouble hearing	168	13.8	157	10.0	143	11.1	187	10.7	655	11.3
Moderate trouble hearing	56	4.6	80	5.1	43	3.3	65	3.7	244	4.2
A lot of hearing trouble	16	1.3	19	1.2	16	1.2	13	0.7	64	1.1
Deaf	2	0.2	8	0.5	1	0.1	0	0.0	11	0.2
Refused, do not know	1	0.1	9	0.6	1	0.1	0	0.0	11	0.2
Sine last visit told needed hearing aid	29	2.4	34	2.2	27	2.1	32	1.8	122	2.1
Acquired hearing aid	12	1.0	8	0.5	10	0.8	12	0.7	42	0.7
Use hearing aid always or sometimes	7	0.6	5	0.3	9	0.7	8	0.5	29	0.5
When exposed to loud noise at work wear ear protection										
None of the time	1113	91.7	1221	78.1	1116	86.5	1354	77.6	4804	82.6
Occasionally	4	0.3	31	2.0	13	1.0	49	2.8	97	1.7
25% of the time	20	1.7	42	2.7	34	2.6	36	2.1	132	2.3
50% of the time	7	0.6	31	2.0	15	1.2	21	1.2	74	1.3
75% of the time	3	0.3	21	1.3	4	0.3	24	1.4	52	0.9
100% of the time	3	0.3	21	1.3	4	0.3	24	1.4	52	0.9

Based on analysis files created on November 15, 2011.

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

HCHS/SOL Management Report, November 2011

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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	1124	92.6	1408	90.1	1162	90.1	1452	83.2	5146	88.5
Occasionally	4	0.3	16	1.0	2	0.2	36	2.1	58	1.0
25% of the time	17	1.4	21	1.3	12	0.9	21	1.2	71	1.2
50% of the time	6	0.5	9	0.6	3	0.2	7	0.4	25	0.4
75% of the time	2	0.2	10	0.6	1	0.1	8	0.5	21	0.4
100% of the time	2	0.2	10	0.6	1	0.1	8	0.5	21	0.4
Buzzing or ringing in ears	232	19.1	340	21.8	219	17.0	384	22.0	1175	20.2
 Ringing noise usually lasts over 5 minutes}	96	7.9	134	8.6	75	5.8	145	8.3	450	7.7
 Ringing noise only follows loud sounds}	55	4.5	53	3.4	24	1.9	50	2.9	182	3.1

Based on analysis files created on November 15, 2011.

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

HCHS/SOL Management Report, November 2011
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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	%
Number of participants with AFU present	2777		2870		3035		3146		11828	
Total events reported to AFU	880		610		544		539		2573	
Total eligible events for investigation	619		627		449		411		2106	
Total reported events w/tracking information	614	99.2	598	95.4	378	84.2	376	91.5	1966	93.4
Pending records request	0	0.0	1	0.2	0	0.0	0	0.0	1	0.0
Release of Information requested	7	1.1	1	0.2	10	2.2	6	1.5	24	1.1
Release of Information obtained	0	0.0	2	0.3	7	1.6	1	0.2	10	0.5
Event Record requested	120	19.4	214	34.1	14	3.1	42	10.2	390	18.5
Confirmed, No event to investigate	135	21.8	68	10.8	66	14.7	123	29.9	392	18.6
Confirmed, Records Not Available	23	3.7	51	8.1	11	2.4	31	7.5	116	5.5
Medical records received for event	0	0.0	132	21.1	0	0.0	0	0.0	132	6.3
Supplemental records requested	16	2.6	2	0.3	6	1.3	0	0.0	24	1.1
Verification of medical records	1	0.2	0	0.0	0	0.0	0	0.0	1	0.0
Shipping Medical records to CC	311	50.2	127	20.3	264	58.8	173	42.1	875	41.5
Closed Event	469	75.8	246	39.2	341	75.9	327	79.6	1383	65.7
Pending Event	144	23.3	352	56.1	37	8.2	49	11.9	582	27.6

Based on analysis files created on November 15, 2011.

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

Note: Source files: ETRA forms and AFU interview.

Denominator is the number of eligible events from DMS.

Note: 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.

HCHS/SOL Management Report, November 2011

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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>Overall</u>	
	N	%	N	%	N	%	N	%	N	%
Number of participants with reported Hosp/ED visits¹	66		563		861		515		2005	
Total events reported to AFU¹	92		709		1070		627		2498	
Total eligible events for investigation	46		423		922		657		2048	
Total reported events w/tracking information	47	102.2	422	99.8	905	98.2	527	80.2	1966	96.0
Pending records request	0	0.0	1	0.2	0	0.0	0	0.0	1	0.0
Release of Information requested	0	0.0	1	0.2	3	0.3	20	3.0	24	1.2
Release of Information obtained	1	2.2	0	0.0	3	0.3	4	0.6	10	0.5
Event Record requested	0	0.0	19	4.5	166	18.0	178	27.1	390	19.0
Confirmed, No event to investigate	3	6.5	105	24.8	179	19.4	90	13.7	392	19.1
Confirmed, Records Not Available	7	15.2	39	9.2	51	5.5	9	1.4	116	5.7
Medical records received for event	0	0.0	16	3.8	62	6.7	54	8.2	132	6.4
Supplemental records requested	1	2.2	0	0.0	11	1.2	12	1.8	24	1.2
Verification of medical records	0	0.0	0	0.0	1	0.1	0	0.0	1	0.0
Shipping Medical records to CC	35	76.1	240	56.7	429	46.5	160	24.4	875	42.7
Closed Event	45	97.8	384	90.8	659	71.5	259	39.4	1383	67.5
Pending Event	2	4.3	37	8.7	246	26.7	268	40.8	582	28.4

Based on analysis files created on November 15, 2011.

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

Note: Source files: ETRA forms and AFU interview.

Denominator is the number of eligible events from DMS.

1. For reported Hosp/ED visits with a non-missing event date.

Note: 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.