ICPSR | INTER-UNIVERSITY CONSORTIUM FOR POLITICAL AND SOCIAL RESEARCH

ICPSR 27064

New York City Community Health Survey, 2002

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Codebook

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ICPSR PROCESSING NOTES FOR # 27064

The New York City Community Health Survey, 2002

1. **Sequential record identifier:** ICPSR created a unique sequential record identifier variable named CASEID.

2. **Variable labels:** Truncation errors for the following variables have been corrected from the original dataset: **ASPRIN, SIGMOID.**

Data Completeness Report

Notes: (1) Variables are individually listed only if they have greater than 5% missing data. These variables are listed under the appropriate percentage category in the order in which they appear in the data file. (2) The Data Completeness Report only captures information about system missing or other values that are declared missing. Codes that have a label implying that they are missing but that are not declared missing values are not reflected in this report. Data users should consult the codebook for more specific information about missing values. (3) Some variables that have 100% missing data may have been blanked by ICPSR to protect respondent confidentiality. Data users should consult the codebook for more specific information about blanked variables. (4) Data do not contain skip patterns or skip patterns are not reflected in the data as coded.

Table 1: Distribution of Variables by Percentage of Missing Values

Variable Name and Label (Total Cases = 9674)		Percent of Cases with Missing Values
14.0% (8 of 57 variables)	have 0% Missing Values	
28.1% (16 of 57 variables)	have 0% - 1% Missing Values	
14.0% (8 of 57 variables)	have 1% - 3% Missing Values	
10.5% (6 of 57 variables)	have 3% - 5% Missing Values	
7.0% (4 of 57 variables)	have 5% - 10% Missing Values	
IMMUNIZ2	Ever had pneumonia shot (10.2)	7.5%
INC2	income2 recode	7.9%
OVERWGHT	Overweight - BMI greater than 25?	8.8%
OBESE	Obese - BMI greater than 30?	8.8%
0.0% (0 of 57 variables)	have 10% - 20% Missing Values	
5.3% (3 of 57 variables)	have 20% - 40% Missing Values	
SEX4	High risk behaviors	22.2%
SEXPARTNERS	Number of sex partners in past year	30.2%
TEST	Year of last HIV test	20.1%
21.1% (12 of 57 variables)	have 40% - 99% Missing Values	
SMOKE6	Told to quit smoking during the past 12	74.4%
DEMOG19	On-the-job injury past 12 months(13.10)	43.7%
SIGMOID	Ever had Sigmoidoscopy and colonoscopy	65.2%
SEX3	Was a condom used the last time you had	44.5%
EDASTHMA2	Number of ED visits (0-5 or greater)	95.2%
QUITATTEMPT	Among current smokers - Did you try to quit	74.3%
METHOD3	Aids used to quit smoking	83.8%
CIGARETTES	Number of cigarettes/day	79.3%
SMOKEFREE	Policy about smoking at work place	53.0%
SHSWORK	Are you exposed to SHS at work?	43.7%
THREEPAP	Among all women - Received Pap in past 3 yrs	50.8%
TWOMAM	Among women 40+ - mammogram in past 2 yrs?	68.9%
0.0% (0 of 57 variables)	have 100% missing values	

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Variable Description and Frequencies

Note: Frequencies displayed for the variables are not weighted. They are purely descriptive and may not be representative of the study population. Please review any sampling or weighting information available with the study.

Summary statistics (minimum, maximum, mean, median, and standard deviation) may not be available for every variable in the codebook. Conversely, a listing of frequencies in table format may not be present for every variable in the codebook either. However, all variables in the dataset are present and display sufficient information about each variable. These decisions are made intentionally and are at the discretion of the archive producing this codebook.

New York City Community Health Survey, 2002

CASEID	Sequential Record Identifier (Added by ICPSR)

Location: 1-8 (width: 8; decimal: 2)

Variable Type: ASCII

Based upon 9674 valid cases out of 9674 total cases.

HH	Number of adults in the household

Location: 9-9 (width: 1; decimal: 0)

Variable Type: ASCII

Question: I need to randomly select one adult who lives in your household to be interviewed. How many members of your household, including yourself, are 18 years of age or older?

Value	*Unweighted Frequency*	*%*
1	4523	46.8 %
2	3523	36.4 %
3	1013	10.5 %
4	429	4.4 %
5	136	1.4 %
6	31	0.3 %
7	11	0.1 %
8	7	0.1 %
9	1	0.0 %

Based upon 9674 valid cases out of 9674 total cases.

- Mean: 1.79
- Median: 2.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 9.00
- Standard Deviation: 0.97

ASPRIN	Do you take aspirin daily or every other day for your heart?

Location: 10-10 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Do you take aspirin daily or every other day for your heart?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	1378	14.2 %
2	No	8261	85.4 %
. (M)	-	35	0.4 %

Based upon 9639 valid cases out of 9674 total cases.

- Mean: 1.86
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.35

EXERCIS1 — **During the past 30 days, other than your your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?**

Location: 11-11 (width: 1; decimal: 0)

Variable Type: ASCII

Question: During the past 30 days, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	7138	73.8 %
2	No	2501	25.9 %
. (M)	-	35	0.4 %

Based upon 9639 valid cases out of 9674 total cases.

- Mean: 1.26
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.44

ASTHMA1 — **Ever told have asthma (7.1)**

Location: 12-12 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Have you ever been told by a doctor, nurse or other health professional that you had asthma?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	1293	13.4 %
2	No	8363	86.4 %
. (M)	-	18	0.2 %

Based upon 9656 valid cases out of 9674 total cases.

- Mean: 1.87
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00

- Standard Deviation: 0.34

DENTIST	How long since teeth cleaned (9.1)

Location: 13-13 (width: 1; decimal: 0)

Variable Type: ASCII

Question: How long has it been since you had your teeth cleaned by a dentist or dental hygienist?

Value	*Label*	*Unweighted Frequency*	*%*
1	Within past year	6534	67.5 %
2	Within past 2 yrs	1389	14.4 %
3	GT 2 years	1458	15.1 %
. (M)	-	293	3.0 %

Based upon 9381 valid cases out of 9674 total cases.

- Mean: 1.46
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.75

IMMUNIZ1	Flu shot past 12 months (10.1)

Location: 14-14 (width: 1; decimal: 0)

Variable Type: ASCII

Question: During the past 12 months, have you had a flu shot?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	2828	29.2 %
2	No	6773	70.0 %
. (M)	-	73	0.8 %

Based upon 9601 valid cases out of 9674 total cases.

- Mean: 1.71
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.46

IMMUNIZ2	Ever had pneumonia shot (10.2)

Location: 15-15 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Have you ever had a pneumonia shot? This shot is usually given only once or twice in a person's lifetime and is different from the flu shot. It is also called the pneumococcal [NEW-MOE-COCKEL] vaccine.

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	1766	18.3 %
2	No	7180	74.2 %
. (M)	-	728	7.5 %

Based upon 8946 valid cases out of 9674 total cases.

- Mean: 1.80
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.40

SMOKE6 **Told to quit smoking during the past 12**

Location: 16-16 (width: 1; decimal: 0)

Variable Type: ASCII

Question: During the past 12 months, has a doctor, nurse, or other health professional advised you to quit smoking?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	1273	13.2 %
2	No	1202	12.4 %
. (M)	-	7199	74.4 %

Based upon 2475 valid cases out of 9674 total cases.

- Mean: 1.49
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.50

DEMOG19 **On-the-job injury past 12 months(13.10)**

Location: 17-17 (width: 1; decimal: 0)

Variable Type: ASCII

Question: In the past 12 months, have you had any on-the-job injuries that required medical attention other than simple first aid?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	276	2.9 %
2	No	5169	53.4 %
. (M)	-	4229	43.7 %

Based upon 5445 valid cases out of 9674 total cases.

- Mean: 1.95
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.22

SIGMOID **Ever had Sigmoidoscopy and colonoscopy**

Location: 18-18 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the bowel for signs of cancer or other health problems. Have you ever had either of these exams?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	1689	17.5 %
2	No	1673	17.3 %
. (M)	-	6312	65.2 %

Based upon 3362 valid cases out of 9674 total cases.

- Mean: 1.50
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.50

SEX3 **Was a condom used the last time you had**

Location: 19-19 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Was a condom used the last time you had sex?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	2047	21.2 %
2	No	3325	34.4 %
. (M)	-	4302	44.5 %

Based upon 5372 valid cases out of 9674 total cases.

- Mean: 1.62
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.49

SEX4	**High risk behaviors**

Location: 20-20 (width: 1; decimal: 0)

Variable Type: ASCII

Question:

I'm going to read you a list. When I'm done, please tell me if any of the situations apply to you. You don't need to tell me which one:

- You have used intravenous drugs in the past year
- You have been treated for a sexually transmitted or venereal disease in the past year
- You have given or received money or drugs in exchange for sex in the past year
- You had anal sex without a condom in the past year

Do any of these situations apply to you?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	393	4.1 %
2	No	7131	73.7 %
. (M)	-	2150	22.2 %

Based upon 7524 valid cases out of 9674 total cases.

- Mean: 1.95
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.22

DOMEST1	**Frightened for self or children because**

Location: 21-21 (width: 1; decimal: 0)

Variable Type: ASCII

Question: In the past 12 months, have you been frightened for the safety of yourself, your children or friends because of the anger or threats of an intimate partner?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	248	2.6 %
2	No	9164	94.7 %
. (M)	-	262	2.7 %

Based upon 9412 valid cases out of 9674 total cases.

- Mean: 1.97
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.16

ALLSEX **Sex of respondent**

Location: 22-22 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Sex of respondent

Value	*Label*	*Unweighted Frequency*	*%*
1	Male	3990	41.2 %
2	Female	5684	58.8 %

Based upon 9674 valid cases out of 9674 total cases.

- Mean: 1.59
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.49

UHF **stratification variable for nest statement**

Location: 23-31 (width: 9; decimal: 0)

Variable Type: ASCII

Question: United Hospital Fund neighborhood of residence - Stratification variable for nest statement

Value	*Label*	*Unweighted Frequency*	*%*
101	101 Kingsbridge	239	2.5 %
102	102 NE Bronx	297	3.1 %
103	103 Fordham-Bronx Pk	300	3.1 %
104	104 Pelham-Throgs Neck	296	3.1 %
201	201 Greenpoint	258	2.7 %

Value	*Label*	*Unweighted Frequency*	*%*
202	202 Downtown-Heights-Slope	297	3.1 %
203	203 Bed Stuy-Crown Hgts	314	3.2 %
204	204 East New York	303	3.1 %
205	205 Sunset Park	217	2.2 %
206	206 Borough Park	312	3.2 %
209	209 Bensonhurst	313	3.2 %
210	210 Coney Island	325	3.4 %
211	211 Williamsburg-Bushwk	300	3.1 %
301	301 Wash Heights-Inwood	300	3.1 %
302	302 Central Harlem	298	3.1 %
303	303 East Harlem	267	2.8 %
304	304 Upper West Side	301	3.1 %
309	309/310 Union Square-Lower Manhattan	439	4.5 %
403	403 Flushing	306	3.2 %
405	405 Ridgewood	306	3.2 %
407	407 SW Queens	299	3.1 %
408	408 Jamaica	296	3.1 %
409	409 SE Queens	306	3.2 %
410	410 Rockaway	256	2.6 %
207208	207/208 Flatbush-Canarsie	310	3.2 %
305307	305/307 Upper East-Gramercy	316	3.3 %
306308	306/308 Chelsea-Village	309	3.2 %
401402	401/402 W Queens/LI City	316	3.3 %
404406	404/406 Bayside-Meadows	306	3.2 %
501502	501/502 Northern SI	256	2.6 %
503504	503/504 Southern SI	265	2.7 %
105106107	105/106/107 South Bronx	451	4.7 %

Based upon 9674 valid cases out of 9674 total cases.

- Mean: 4979583.08
- Median: 304.00
- Mode: 105106107.00
- Minimum: 101.00
- Maximum: 105106107.00
- Standard Deviation: 22142912.55

FINALWT	**Revised post-strat weight: new_w1 * row * column * popfac**
Location:	32-38 (width: 7; decimal: 2)
Variable Type:	ASCII
Question:	Revised post-strat weight: new_w1 * row * column * popfac

Based upon 9674 valid cases out of 9674 total cases.

- Mean: 627.25
- Minimum: 40.43
- Maximum: 6257.24
- Standard Deviation: 513.67

AGECAT **Age recode**

Location: 39-39 (width: 1; decimal: 0)

Variable Type: ASCII

Question: What is your age? - Age recode

Value	*Label*	*Unweighted Frequency*	*%*
1	18-24	1002	10.4 %
2	25-44	4091	42.3 %
3	45-64	2716	28.1 %
4	65+	1601	16.5 %
. (M)	-	264	2.7 %

Based upon 9410 valid cases out of 9674 total cases.

- Mean: 2.52
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 4.00
- Standard Deviation: 0.90

AGECAT5 **Age recode in 5 year intervals**

Location: 40-41 (width: 2; decimal: 0)

Variable Type: ASCII

Question: What is your age? - Age recode in 5 year intervals

Value	*Label*	*Unweighted Frequency*	*%*
1	18-24	1002	10.4 %
2	25-29	998	10.3 %
3	30-34	1139	11.8 %
4	35-39	1011	10.5 %
5	40-44	943	9.7 %
6	45-49	843	8.7 %
7	50-54	728	7.5 %
8	55-59	622	6.4 %
9	60-64	523	5.4 %

Value	*Label*	*Unweighted Frequency*	*%*
10	65+	1601	16.5 %
. (M)	-	264	2.7 %

Based upon 9410 valid cases out of 9674 total cases.

- Mean: 5.42
- Median: 5.00
- Mode: 10.00
- Minimum: 1.00
- Maximum: 10.00
- Standard Deviation: 3.03

RACE3 **race recode-White, Black, Hisp, Asian, Other**

Location: 42-42 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Race recode - White, Black, Hisp, Asian, Other - derived from Hispanic origin and race question.

Value	*Label*	*Unweighted Frequency*	*%*
1	NH-White	3987	41.2 %
2	NH-Black	2362	24.4 %
3	NH-Asian	529	5.5 %
4	Hispanic	2470	25.5 %
5	NH-Other	326	3.4 %

Based upon 9674 valid cases out of 9674 total cases.

- Mean: 2.25
- Median: 2.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 5.00
- Standard Deviation: 1.31

EDUCAT2 **highest level of education completed**

Location: 43-43 (width: 1; decimal: 0)

Variable Type: ASCII

Question: What is the highest grade or year of school you completed?

Value	*Label*	*Unweighted Frequency*	*%*
1	lt high school	1620	16.7 %
2	some hs or hs degree	2480	25.6 %
3	some college	2114	21.9 %

Value	*Label*	*Unweighted Frequency*	*%*
4	college degree or more	3363	34.8 %
. (M)	-	97	1.0 %

Based upon 9577 valid cases out of 9674 total cases.

- Mean: 2.75
- Median: 3.00
- Mode: 4.00
- Minimum: 1.00
- Maximum: 4.00
- Standard Deviation: 1.11

INC2 **income2 recode**

Location: 44-44 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Is your annual household income from all sources:

Value	*Label*	*Unweighted Frequency*	*%*
1	lt $25,000	2991	30.9 %
2	$25,000-$50,000	2649	27.4 %
3	gt $50,000	2548	26.3 %
4	dont know	720	7.4 %
. (M)	-	766	7.9 %

Based upon 8908 valid cases out of 9674 total cases.

- Mean: 2.11
- Median: 2.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 4.00
- Standard Deviation: 0.97

MARSTAT **marital status recode**

Location: 45-45 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Marital status

Value	*Label*	*Unweighted Frequency*	*%*
1	married/partnered	3841	39.7 %
2	divorce/sep/widow	2649	27.4 %
3	never married	3097	32.0 %

Value	*Label*	*Unweighted Frequency*	*%*
. (M)	-	87	0.9 %

Based upon 9587 valid cases out of 9674 total cases.

- Mean: 1.92
- Median: 2.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.85

FOREIGN **Foreign vs US born**

Location: 46-46 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Were you born in the US?

Value	*Label*	*Unweighted Frequency*	*%*
1	born in USA	6128	63.3 %
2	foreign born	3516	36.3 %
. (M)	-	30	0.3 %

Based upon 9644 valid cases out of 9674 total cases.

- Mean: 1.36
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.48

EMPLOY **Employment status recode**

Location: 47-47 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Employment status

Value	*Label*	*Unweighted Frequency*	*%*
1	employed	5585	57.7 %
2	unemployed	914	9.4 %
3	out of workforce	3085	31.9 %
. (M)	-	90	0.9 %

Based upon 9584 valid cases out of 9674 total cases.

- Mean: 1.74
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.91

UHFANALYSIS	**UHF neighborhood of residence**

Location: 48-49 (width: 2; decimal: 0)

Variable Type: ASCII

Question: United Hospital Fund neighborhood of residence - this format is required for analysis in SUDAAN

Value	*Label*	*Unweighted Frequency*	*%*
1	101 Kingsbridge	239	2.5 %
2	102 NE Bronx	297	3.1 %
3	103 Fordham-Bronx Pk	300	3.1 %
4	104 Pelham-Throgs Neck	296	3.1 %
5	105/106/107 South Bronx	451	4.7 %
6	201 Greenpoint	258	2.7 %
7	202 Downtown-Heights-Slope	297	3.1 %
8	203 Bed Stuy-Crown Heights	314	3.2 %
9	204 East New York	303	3.1 %
10	205 Sunset Park	217	2.2 %
11	206 Borough Park	312	3.2 %
12	209 Bensonhurst	313	3.2 %
13	210 Coney Island	325	3.4 %
14	211 Williamsburg-Bushwk	300	3.1 %
15	207/208 Flatbush-Canarsie	310	3.2 %
16	301 Wash Heights-Inwood	300	3.1 %
17	302 Central Harlem	298	3.1 %
18	303 East Harlem	267	2.8 %
19	304 Upper West Side	301	3.1 %
20	309/310 Union Square-Lower Manhattan	439	4.5 %
21	305/307 Upper East Side-Gramercy	316	3.3 %
22	306/308 Chelsea-Village	309	3.2 %
23	403 Flushing	306	3.2 %
24	405 Ridgewood	306	3.2 %
25	407 SW Queens	299	3.1 %
26	408 Jamaica	296	3.1 %
27	409 SE Queens	306	3.2 %
28	410 Rockaway	256	2.6 %
29	401/402 W Queens-Long Island City	316	3.3 %

Value	*Label*	*Unweighted Frequency*	*%*
30	404/406 Bayside-Meadows	306	3.2 %
31	501/502 Northern SI	256	2.6 %
32	503/504 Southern SI	265	2.7 %

Based upon 9674 valid cases out of 9674 total cases.

- Mean: 16.42
- Median: 17.00
- Mode: 5.00
- Minimum: 1.00
- Maximum: 32.00
- Standard Deviation: 9.09

BOROUGH **borough of residence**

Location: 50-50 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Borough of residence

Value	*Label*	*Unweighted Frequency*	*%*
1	Bronx	1583	16.4 %
2	Brooklyn	2949	30.5 %
3	Manhattan	2230	23.1 %
4	Queens	2391	24.7 %
5	Staten Island	521	5.4 %

Based upon 9674 valid cases out of 9674 total cases.

- Mean: 2.72
- Median: 3.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 5.00
- Standard Deviation: 1.16

SICKDAYS **Number of sick days in past month**

Location: 51-51 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?

Value	*Label*	*Unweighted Frequency*	*%*
1	no sick days	5968	61.7 %
2	1-2 sick days	995	10.3 %

Value	*Label*	*Unweighted Frequency*	*%*
3	3-7 sick days	1063	11.0 %
4	8-30 sick days	1301	13.4 %
. (M)	-	347	3.6 %

Based upon 9327 valid cases out of 9674 total cases.

- Mean: 1.75
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 4.00
- Standard Deviation: 1.12

GENHLT **Self-assessed health status recode**

Location: 52-52 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Would you say that in general your health is:

Value	*Label*	*Unweighted Frequency*	*%*
1	Excellent	2098	21.7 %
2	Very Good	2595	26.8 %
3	Good	3026	31.3 %
4	Fair or Poor	1911	19.8 %
. (M)	-	44	0.5 %

Based upon 9630 valid cases out of 9674 total cases.

- Mean: 2.49
- Median: 3.00
- Mode: 3.00
- Minimum: 1.00
- Maximum: 4.00
- Standard Deviation: 1.04

INSURANCE **Type of health insurance**

Location: 53-53 (width: 1; decimal: 0)

Variable Type: ASCII

Question: What type of health care coverage do you use to pay for most of your medical care? Is it coverage through: Private insurance includes your employer, someone else's employer, a plan that you or someone else buys on your own, or some other source. CHP is Child Health Plus.

Value	*Label*	*Unweighted Frequency*	*%*
1	private insurance	5835	60.3 %

Value	Label	Unweighted Frequency	%
2	medicare	1223	12.6 %
3	medicaid/CHP	1445	14.9 %
4	no coverage	991	10.2 %
. (M)	-	180	1.9 %

Based upon 9494 valid cases out of 9674 total cases.

- Mean: 1.75
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 4.00
- Standard Deviation: 1.06

NEEDCARE **Needed care but did not receive it**

Location: 54-54 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Was there a time in the past 12 months when you needed medical care, but could not get it?

Value	Label	Unweighted Frequency	%
1	Yes	868	9.0 %
2	No	8737	90.3 %
. (M)	-	69	0.7 %

Based upon 9605 valid cases out of 9674 total cases.

- Mean: 1.91
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.29

PCP **primary care physician**

Location: 55-55 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Do you have one person you think of as your personal doctor or health care provider?

Value	Label	Unweighted Frequency	%
1	Yes	7307	75.5 %
2	No	2301	23.8 %
. (M)	-	66	0.7 %

Based upon 9608 valid cases out of 9674 total cases.

- Mean: 1.24
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.43

CHOLSCR5 **Have you had your cholesterol checked in the past 5 years?**

Location: 56-56 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Have you had your blood cholesterol checked in the past 5 years?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	7272	75.2 %
2	No	2230	23.1 %
. (M)	-	172	1.8 %

Based upon 9502 valid cases out of 9674 total cases.

- Mean: 1.23
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.42

OVERWGHT **Overweight - BMI greater than 25?**

Location: 57-57 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Overweight - BMI greater than 25?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	4771	49.3 %
2	No	4047	41.8 %
. (M)	-	856	8.8 %

Based upon 8818 valid cases out of 9674 total cases.

- Mean: 1.46
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00

- Standard Deviation: 0.50

OBESE	Obese - BMI greater than 30?

Location: 58-58 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Obese - BMI greater than 30?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	1696	17.5 %
2	No	7122	73.6 %
. (M)	-	856	8.8 %

Based upon 8818 valid cases out of 9674 total cases.

- Mean: 1.81
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.39

EVERHIBP	Ever been told that you have high blood pressure

Location: 59-59 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	2566	26.5 %
2	No	7039	72.8 %
. (M)	-	69	0.7 %

Based upon 9605 valid cases out of 9674 total cases.

- Mean: 1.73
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.44

EVERHICHOL	Ever been told that you have high cholesterol

Location: 60-60 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Have you ever been told by a doctor or other health professional that your blood cholesterol is high?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	2452	25.3 %
2	No	6814	70.4 %
. (M)	-	408	4.2 %

Based upon 9266 valid cases out of 9674 total cases.

- Mean: 1.74
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.44

BP2YEAR **Had blood pressure taken in past 2 years?**

Location: 61-61 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Have you had your blood pressure taken by a doctor, nurse, or other health professional in the past 2 years?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	9147	94.6 %
2	No	370	3.8 %
. (M)	-	157	1.6 %

Based upon 9517 valid cases out of 9674 total cases.

- Mean: 1.04
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.19

FREQEXER **How often exercise for 20 min per week?**

Location: 62-62 (width: 1; decimal: 0)

Variable Type: ASCII

Question: On average, how many times during a week do you exercise for at least 20 minutes each time?

Value	*Label*	*Unweighted Frequency*	*%*
1	None	2997	31.0 %
2	Less than 3x/week	2043	21.1 %
3	3x or more/week	4535	46.9 %

Value	*Label*	*Unweighted Frequency*	*%*
. (M)	-	99	1.0 %

Based upon 9575 valid cases out of 9674 total cases.

- Mean: 2.16
- Median: 2.00
- Mode: 3.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.87

NUMFRVEG **How many servings of fruits and veg yesterday?**

Location: 63-63 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Thinking about nutrition...how many total servings of fruit and/or vegetables did you eat yesterday? A serving would equal one medium apple, a handful of broccoli, or a cup of carrots.

Value	*Label*	*Unweighted Frequency*	*%*
1	None	1385	14.3 %
2	Less than 5 servings	7032	72.7 %
3	5+ servings	876	9.1 %
. (M)	-	381	3.9 %

Based upon 9293 valid cases out of 9674 total cases.

- Mean: 1.95
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.49

ASTHMANOW **Do you currently have asthma?**

Location: 64-64 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Asthmanow is the prevalence of current asthma. Current asthma is defined as those who have had an episode of asthma or an asthma attack in the past 12 months. Do you currently have asthma?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	474	4.9 %
2	No	9169	94.8 %
. (M)	-	31	0.3 %

Based upon 9643 valid cases out of 9674 total cases.

- Mean: 1.95
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.22

EDASTHMA2 **Number of ED visits (0-5 or greater)**

Location: 65-65 (width: 1; decimal: 0)

Variable Type: ASCII

Question: During the past 12 months, how many times did you visit an emergency room or urgent care center because of asthma?

Value	*Unweighted Frequency*	*%*
0	268	2.8 %
1	75	0.8 %
2	54	0.6 %
3	26	0.3 %
4	20	0.2 %
5	25	0.3 %
. (M)	9206	95.2 %

Based upon 468 valid cases out of 9674 total cases.

- Mean: 1.00
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 5.00
- Standard Deviation: 1.47

DIABETES **Ever been told you have diabetes?**

Location: 66-66 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Have you ever been told by a doctor that you have diabetes? INTERVIEWER: If "Yes" and female, ask "Was this only when you were pregnant?"

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	811	8.4 %
2	No	8838	91.4 %
. (M)	-	25	0.3 %

Based upon 9649 valid cases out of 9674 total cases.

- Mean: 1.92
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.28

SMOKER — **Smoking History**

Location: 67-67 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Smoking History - The following question was recoded to get ascertain smoking status: Do you now smoke cigarettes every day, some days, or not at all? and Have you smoked at least 100 cigarettes in your entire life?

Value	*Label*	*Unweighted Frequency*	*%*
1	never	5441	56.2 %
2	current	2113	21.8 %
3	former	2040	21.1 %
. (M)	-	80	0.8 %

Based upon 9594 valid cases out of 9674 total cases.

- Mean: 1.65
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.81

QUITATTEMPT — **Among current smokers - Did you try to quit**

Location: 68-68 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Restricted to current smokers and those former smokers who reported smoking in the past 12 months. Have you attempted to quit smoking anytime in the past year?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	1591	16.4 %
2	No	892	9.2 %
. (M)	-	7191	74.3 %

Based upon 2483 valid cases out of 9674 total cases.

- Mean: 1.36
- Median: 1.00
- Mode: 1.00

- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.48

METHOD3	Aids used to quit smoking

Location: 69-69 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Restricted to those who quit smoking within the past 12 months or attempted to quit even for one day. Method3 is defined as: During the past year, did you use any of the following aids to help you quit: Drugs (a nicotine patch, nicotine gum, or a nicotine inhaler or an anti- depressant drug prescribed to you by a physician, like Zyban?), other method (group counseling, one-on-one counseling, self-help materials, quitline) or no method at all?

Value	*Label*	*Unweighted Frequency*	*%*
1	drugs	403	4.2 %
2	other method	147	1.5 %
3	no method	1019	10.5 %
. (M)	-	8105	83.8 %

Based upon 1569 valid cases out of 9674 total cases.

- Mean: 2.39
- Median: 3.00
- Mode: 3.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.87

CIGARETTES	Number of cigarettes/day

Location: 70-70 (width: 1; decimal: 0)

Variable Type: ASCII

Question: How many cigarettes on average do you smoke per day?

Value	*Label*	*Unweighted Frequency*	*%*
1	1-5 cigs per day	684	7.1 %
2	6-10 cigs per day	559	5.8 %
3	11-20 cigs per day	611	6.3 %
4	gt 1 pack/day	144	1.5 %
. (M)	-	7676	79.3 %

Based upon 1998 valid cases out of 9674 total cases.

- Mean: 2.11
- Median: 2.00
- Mode: 1.00

- Minimum: 1.00
- Maximum: 4.00
- Standard Deviation: 0.96

SMOKEFREE **Policy about smoking at work place**

Location: 71-71 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Policy about smoking at work place

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	3650	37.7 %
2	No	901	9.3 %
. (M)	-	5123	53.0 %

Based upon 4551 valid cases out of 9674 total cases.

- Mean: 1.20
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.40

SMOKEFREEHOME **Policy about smoking at home**

Location: 72-72 (width: 1; decimal: 0)

Variable Type: ASCII

Question: If respondents indicated that smoking is not allowed anywhere in their home, this variable is coded as Yes (this is a smoke free home). If smoking is allowed in some places in the home, anywhere in the home or there are no rules about smoking then the home is not considered to be smoke free.

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	5864	60.6 %
2	No	3759	38.9 %
. (M)	-	51	0.5 %

Based upon 9623 valid cases out of 9674 total cases.

- Mean: 1.39
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.49

SHSWORK **Are you exposed to SHS at work?**

Location: 73-73 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Shswork is defined as: How often are you around people who smoke at work? - all the time, most of the time, only occasionally, or never? If respondents indicated all the time or most of the time, this variable is coded as yes (exposure to second hand smoke (SHS) at work). If respondents indicated only occasionally or never, this variable is coded as no (not exposed to SHS at work).

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	1121	11.6 %
2	No	4322	44.7 %
. (M)	-	4231	43.7 %

Based upon 5443 valid cases out of 9674 total cases.

- Mean: 1.79
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.40

SHSHOME **Are you exposed to SHS at home?**

Location: 74-74 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Shshome is derived from: How often are you around people who smoke in your home? - all the time, most of the time, only occasionally, or never? If respondents indicated all the time or most of the time, this variable is coded as yes (exposure to exposure to second hand smoke (SHS) at home). If respondents indicated only occasionally or never, this variable is coded as no (not exposed to SHS at home).

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	1348	13.9 %
2	No	8294	85.7 %
. (M)	-	32	0.3 %

Based upon 9642 valid cases out of 9674 total cases.

- Mean: 1.86
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.35

HEAVYDRINK **Level of risk for being a heavy drinker**

Location: 75-75 (width: 1; decimal: 0)

Variable Type: ASCII

Question: At risk for heavy drinking is defined as an average of more than 2 drinks per day for men and more than 1 drink per day for women.

Value	*Label*	*Unweighted Frequency*	*%*
1	not at risk	8896	92.0 %
2	at risk	454	4.7 %
. (M)	-	324	3.3 %

Based upon 9350 valid cases out of 9674 total cases.

- Mean: 1.05
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.21

BINGE2 **Number of binge drinking episodes in past month**

Location: 76-76 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Considering all types of alcoholic beverages, how many times during the past 30 days did you have 5 or more drinks on an occasion?

Value	*Label*	*Unweighted Frequency*	*%*
1	No episodes/does not drink	8090	83.6 %
2	1 episode	504	5.2 %
3	2 episodes	261	2.7 %
4	3 or more	519	5.4 %
. (M)	-	300	3.1 %

Based upon 9374 valid cases out of 9674 total cases.

- Mean: 1.28
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 4.00
- Standard Deviation: 0.77

THREEPAP **Among all women - Received Pap in past 3 yrs**

Location: 77-77 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Have you had a Pap smear in the past 3 years? (Excludes women who have had a hysterectomy)

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	3945	40.8 %
2	No	815	8.4 %
. (M)	-	4914	50.8 %

Based upon 4760 valid cases out of 9674 total cases.

- Mean: 1.17
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.38

TWOMAM **Among women 40+ - mammogram in past 2 yrs?**

Location: 78-78 (width: 1; decimal: 0)

Variable Type: ASCII

Question: Restricted to women 40 years and older. Have you had a mammogram in the past 2 years?

Value	*Label*	*Unweighted Frequency*	*%*
1	Yes	2343	24.2 %
2	No	667	6.9 %
. (M)	-	6664	68.9 %

Based upon 3010 valid cases out of 9674 total cases.

- Mean: 1.22
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.42

SEXPARTNERS **Number of sex partners in past year**

Location: 79-79 (width: 1; decimal: 0)

Variable Type: ASCII

Question: During the past 12 months, with how many people have you had sex, including oral sex?

Value	*Label*	*Unweighted Frequency*	*%*
1	0 sex partners	1309	13.5 %
2	1 sex partner	4398	45.5 %
3	2 or more sex parnters	1050	10.9 %
. (M)	-	2917	30.2 %

Based upon 6757 valid cases out of 9674 total cases.

- Mean: 1.96
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.59

TEST	**Year of last HIV test**

Location: 80-80 (width: 1; decimal: 0)

Variable Type: ASCII

Question: When was your last HIV test?

Value	*Label*	*Unweighted Frequency*	*%*
1	Never tested for HIV	3561	36.8 %
2	Tested for HIV in 2001/02	2058	21.3 %
3	Tested prior to 2001/dk test date	2112	21.8 %
. (M)	-	1943	20.1 %

Based upon 7731 valid cases out of 9674 total cases.

- Mean: 1.81
- Median: 2.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.84

2002 Community Health Survey Codebook

IDENTIFICATION VARIABLES
HEALTH STATUS
HEALTH CARE ACCESS
BLOOD PRESSURE
BLOOD CHOLESTEROL
MENTAL HEALTH
PHYSICAL ACTIVITY
NUTRITION
OVERWEIGHT/OBESITY
ASTHMA
DIABETES
DENTIST
IMMUNIZATIONS
CIGARETTE SMOKING
ALCOHOL CONSUMPTION
DEMOGRAPHICS
CANCER SCREENING
HIV TESTING
SEXUAL BEHAVIOR
DOMESTIC VIOLENCE

New York City Department of Health and Mental Hygiene
Division of Epidemiology
Bureau of Epidemiology Services
July 2003

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IDENTIFICATION VARIABLES

Variable = ID
ID number assigned to each respondent

Value	Frequency	Raw Percent	Weighted Percent
1 – 90022	9674	100.0	100.0

Variable = borough Format = BOROFMT Weighting Variable = finalwt
Borough of residence

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Bronx	1583	16.4	15.3
2	Brooklyn	2949	30.5	29.7
3	Manhattan	2230	23.1	21.0
4	Queens	2391	24.7	28.6
5	Staten Island	521	5.4	5.4
Total		9674	100.0	100.0

Variable = uhf Format = UHFJOIN Weighting Variable = finalwt
United Hospital Fund neighborhood of residence

Value	Value Label	Frequency	Raw Percent	Weighted Percent
101	101 Kingsbridge	239	2.5	1.2
102	102 NE Bronx	297	3.1	2.3
103	103 Fordham-Bronx Pk	300	3.1	2.9
104	104 Pelham-Throgs Neck	296	3.1	3.5
201	201 Greenpoint	258	2.7	1.5
202	202 Downtown-Heights-Slope	297	3.1	2.8
203	203 Bed Stuy-Crown Hgts	314	3.2	3.6
204	204 East New York	303	3.1	1.9
205	205 Sunset Park	217	2.2	1.5
206	206 Borough Park	312	3.2	3.8
209	209 Bensonhurst	313	3.2	2.6
210	210 Coney Island	325	3.4	3.7
211	211 Williamsburg-Bushwk	300	3.1	2.1
301	301 Wash Heights-Inwood	300	3.1	3.3
302	302 Central Harlem	298	3.1	1.9
303	303 East Harlem	267	2.8	1.3
304	304 Upper West Side	301	3.1	3.2
309	309 Union Square	300	3.1	2.8
310	310 Lower Manhattan	139	1.4	0.4
403	403 Flushing	306	3.2	3.4
405	405 Ridgewood	306	3.2	3.2
407	407 SW Queens	299	3.1	3.3
408	408 Jamaica	296	3.1	3.5
409	409 SE Queens	306	3.2	2.5
410	410 Rockaway	256	2.6	1.3
207208	207/208 Flatbush-Canarsie	310	3.2	6.1
305307	305/307 Upper East-Gramercy	316	3.3	5.1
306308	306/308 Chelsea-Village	309	3.2	3.1
401402	401/402 W Queens/LI City	316	3.3	9.1
404406	404/406 Bayside-Meadows	306	3.2	2.4

501502	501/502 Northern SI	256	2.6	2.2
503504	503/504 Southern SI	265	2.7	3.3
105106107	105/106/107 South Bronx	451	4.7	5.5
Total		9674	100.0	100.0

Variable = uhfanalysis Format = UHFANALF Weighting Variable = finalwt

United Hospital Fund neighborhood of residence – this format is required for analysis in SUDAAN

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	101 Kingsbridge	239	2.5	1.2
2	102 NE Bronx	297	3.1	2.3
3	103 Fordham-Bronx Pk	300	3.1	2.9
4	104 Pelham-Throgs Neck	296	3.1	3.5
5	105/106/107 South Bronx	451	4.7	5.5
6	201 Greenpoint	258	2.7	1.5
7	202 Downtown-Heights-Slope	297	3.1	2.8
8	203 Bed Stuy-Crown Heights	314	3.2	3.6
9	204 East New York	303	3.1	1.9
10	205 Sunset Park	217	2.2	1.5
11	206 Borough Park	312	3.2	3.8
12	209 Bensonhurst	313	3.2	2.6
13	210 Coney Island	325	3.4	3.7
14	211 Williamsburg-Bushwk	300	3.1	2.1
15	207/208 Flatbush-Canarsie	310	3.2	6.1
16	301 Wash Heights-Inwood	300	3.1	3.3
17	302 Central Harlem	298	3.1	1.9
18	303 East Harlem	267	2.8	1.3
19	304 Upper West Side	301	3.1	3.2
20	309 Union Square	300	3.1	2.8
21	310 Lower Manhatten	139	1.4	0.4
22	305/307 Upper East Side-Gramercy	316	3.3	5.1
23	306/308 Chelsea-Village	309	3.2	3.1
24	403 Flushing	306	3.2	3.4
25	405 Ridgewood	306	3.2	3.2
26	407 SW Queens	299	3.1	3.3
27	408 Jamaica	296	3.1	3.5
28	409 SE Queens	306	3.2	2.5
29	410 Rockaway	256	2.6	1.3
30	401/402 W Queens-Long Island City	316	3.3	9.1
31	404/406 Bayside-Meadows	306	3.2	2.4
32	501/502 Northern SI	256	2.6	2.2
33	503/504 Southern SI	265	2.7	3.3
Total		9674	100.0	100.0

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HEALTH STATUS

Variable = sickdays Format = SICKFMT Weighting Variable = finalwt
Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	no sick days	5968	64.0	64.3
2	1-2 sick days	995	10.7	11.2
3	3-7 sick days	1063	11.4	11.7
4	8-30 sick days	1301	13.9	12.9
Total		9327	100.0	100.0

Variable = genhlt Format = GENHLTFT Weighting Variable = finalwt
Would you say that in general your health is:

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Excellent	2098	21.8	21.5
2	Very Good	2595	26.9	28.3
3	Good	3026	31.4	31.5
4	Fair or Poor	1911	19.8	18.7
Total		9630	100.0	100.0

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HEALTH CARE ACCESS

Variable = insurance Format = INSURFMT Weighting Variable = finalwt
What type of health care coverage do you use to pay for most of your medical care? Is it coverage through:
Private insurance includes your employer, someone else's employer, a plan that you or someone else buys on your own, or some other source. CHP is Child Health Plus.

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	private insurance	5835	61.5	63.1
2	medicare	1223	12.9	11.4
3	medicaid/CHP	1445	15.2	13.4
4	no coverage	991	10.4	12.0
Total		9494	100.0	100.0

Variable = pcp Format = yesno Weighting Variable = finalwt
Do you have one person you think of as your personal doctor or health care provider?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	7307	76.1	74.2
2	No	2301	23.9	25.8
Total		9608	100.0	100.0

Variable = needcare Format = yesno Weighting Variable = finalwt
Was there a time in the past 12 months when you needed medical care, but could not get it?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	868	9.0	9.7
2	No	8737	91.0	90.3
Total		9605	100.0	100.0

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BLOOD PRESSURE

Variable = bp2year Format = yesno Weighting Variable = finalwt
Have you had your blood pressure taken by a doctor, nurse, or other health professional in the past 2 yeara?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	9147	96.1	95.3
2	No	370	3.9	4.7
Total		9517	100.0	100.0

Variable = everhibp Format = yesno Weighting Variable = finalwt
Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	2566	26.7	24.7
2	No	7039	73.3	75.3
Total		9605	100.0	100.0

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BLOOD CHOLESTEROL

Variable = cholscr5 Format = yesno Weighting Variable = finalwt
Have you had your blood cholesterol checked in the past 5 years?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	7272	76.5	74.8
2	No	2230	23.5	25.2
Total		9502	100.0	100.0

Variable = everhichol Format = yesno Weighting Variable = finalwt
Have you ever been told by a doctor or other health professional that your blood cholesterol is high?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	2452	26.5	25.4
2	No	6814	73.5	74.6
Total		9266	100.0	100.0

Variable = asprin Format = yesno Weighting Variable = finalwt
Do you take aspirin daily or every other day for your heart?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	1378	14.3	13.2
2	No	8261	85.7	86.8
Total		9639	100.0	100.0

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MENTAL HEALTH

Variable = smi Format = yesno Weighting Variable = finalwt

SMI is serious emotional distress. Yes indicates those who report serious emotional distress, no are those who do not. SMI is created from responses to 6 individual questions. Please see 2002 survey for exact wording and visit: http://www.nyc.gov/html/doh/html/survey/survey02.html for more information on the methodology of creating this index.

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	654	6.8	6.3
2	No	8950	93.2	93.7
Total		9604	100.0	100.0

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PHYSICAL ACTIVITY

Variable = exercis1 Format = exercisa Weighting Variable = w1rcpopf
During the past 30 days, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	7138	73.9	73.6
2	No	2501	25.9	26.2
Total		9655	100.0	100.0

Variable = freqexer Format = FREQEXER Weighting Variable = finalwt
On average, how many times during a week do you exercise for at least 20 minutes each time?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	None	2997	31.3	31.7
2	Less than 3x/week	2043	21.3	21.5
3	3x or more/week	4535	47.4	46.8
Total		9575	100.0	100.0

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NUTRITION

Variable = numfrveg Format = NUMFRVEG Weighting Variable = finalwt
Thinking about nutrition...how many total servings of fruit and/or vegetables did you eat yesterday? A serving would equal one medium apple, a handful of broccoli, or a cup of carrots.

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	None	1385	14.9	14.4
2	Less than 5 servings	7032	75.7	76.1
3	5+ servings	876	9.4	9.5
Total		9293	100.0	100.0

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OVERWEIGHT/OBESITY
Overweight and Obese are calculated from respondent's self-reported height and weight, using body mass index. For more information see: http://www.cdc.gov/nccdphp/dnpa/bmi/index.htm

Variable = obese Format = yesno Weighting Variable = finalwt

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	1696	19.2	17.8
2	No	7122	80.8	82.2
Total		8818	100.0	100.0

Variable = overwght Format = yesno Weighting Variable = finalwt

Value	Value Label	Frequency	Raw Percent	Weighted Percent

1	Yes	4771	54.1	52.7
2	No	4047	45.9	47.3
Total		8818	100.0	100.0

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ASTHMA

Variable = asthma1 Format = yesno Weighting Variable = finalwt
Have you ever been told by a doctor, nurse or other health professional that you had asthma?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	1293	13.4	12.0
2	No	8363	86.6	88.0
Total		9656	100.0	100.0

Variable = asthmanow Format = yesno Weighting Variable = finalwt
Asthmanow is the prevalence of current asthma. Current asthma is defined as those who have had an episode of asthma or an asthma attack in the past 12 months.

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	474	4.9	4.4
2	No	9169	95.1	95.6
Total		9643	100.0	100.0

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DIABETES

Variable = diabetes Format = yesno Weighting Variable = finalwt
Have you ever been told by a doctor that you have diabetes?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	811	8.4	7.5
2	No	8838	91.6	92.5
Total		9649	100.0	100.0

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DENTIST

Variable = dentist Format = DENTFMT Weighting Variable = finalwt
How long has it been since you had your teeth cleaned by a dentist or dental hygienist?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Within past year	6534	69.7	68.4
2	Within past 2 yrs	1389	14.8	15.1
3	Greater than 2 years	1458	15.5	16.5
Total		9381	100.0	100.0

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IMMUNIZATIONS

Variable = immuniz1 Format = yesno Weighting Variable = finalwt
During the past 12 months, have you had a flu shot?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	2828	29.5	28.2
2	No	6773	70.5	71.8
Total		9601	100.0	100.0

Variable = immuniz2 Format = yesno Weighting Variable = finalwt
Have you ever had a pneumonia shot? This shot is usually given only once or twice in a person's lifetime and is different from the flu shot. It is also called the pneumococcal vaccine.

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	1766	19.7	19.2
2	No	7180	80.3	80.8
Total		8946	100.0	100.0

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CIGARETTE SMOKING

Variable = smoker Format = SMOKEFMT Weighting Variable = finalwt
The following 2 questions were recoded to get ascertain smoking status: “Do you now smoke cigarettes every day, some days, or not at all?” and “Have you smoked at least 100 cigarettes in your entire life?”

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	never	5441	56.7	58.7
2	current	2113	22.0	21.7
3	former	2040	21.3	19.6
Total		9594	100.0	100.0

Variable = cigarettes Format = CIGFMT Weighting Variable = finalwt
How many cigarettes on average do you smoke per day?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	1-5 cigs per day	684	34.2	36.4
2	6-10 cigs per day	559	28.0	26.0
3	11-20 cigs per day	611	30.6	30.9
4	gt 1 pack/day	144	7.2	6.8
Total		1998	100.0	100.0

Variable = smoke6 Format = yesno Weighting Variable = finalwt
Restricted to current smokers and those former smokers who reported smoking in the past 12 months. During the past 12 months, has a doctor, nurse, or other health professional advised you to quit smoking?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	1273	51.4	50.2
2	No	1202	48.6	49.8
Total		2475	100.0	100.0

Variable = quitattempt Format = yesno Weighting Variable = finalwt
Restricted to current smokers and those former smokers who reported smoking in the past 12 months. Have you attempted to quit smoking anytime in the past year?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	1591	64.1	63.7
2	No	892	35.9	36.3
Total		2483	100.0	100.0

Variable = method3 Format = METH3FT Weighting Variable = finalwt

Restricted to those who quit smoking within the past 12 months or attempted to quit even for one day.

Method3 is defined as: During the past year, did you use any of the following aids to help you quit: Drugs (a nicotine patch, nicotine gum, or a nicotine inhaler or an anti-depressant drug prescribed to you by a physician, like Zyban?), other method (group counseling, one-on-one counseling, self-help materials, quitline) or no method at all?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	drugs	403	25.7	23.0
2	other method	147	9.4	10.3
3	no method	1019	64.9	66.7
Total		1569	100.0	100.0

Variable = shshome Format = yesno Weighting Variable = finalwt

Shshome is derived from: “How often are you around people who smoke in your home -- all the time, most of the time, only occasionally, or never?” If respondents indicated all the time or most of the time, this variable is coded as yes (exposure to SHS at home). If respondents indicated only occasionally or never, this variable is coded as no (not exposed to SHS at home).

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	1348	14.0	14.6
2	No	8294	86.0	85.4
Total		9642	100.0	100.0

Variable = smokefreehome Format = yesno Weighting Variable = finalwt

If respondents indicated that smoking is not allowed anywhere in their home, this variable is coded as Yes (this is a smoke free home). If smoking is allowed in some places in the home, anywhere in the home or there are no rules about smoking then the home is not considered to be smoke free.

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	5864	60.9	61.7
2	No	3759	39.1	38.3
Total		9623	100.0	100.0

Variable = shswork Format = yesno Weighting Variable = finalwt

Shswork is defined as: “How often are you around people who smoke at work -- all the time, most of the time, only occasionally, or never?” If respondents indicated all the time or most of the time, this variable is coded as yes (exposure to SHS at work). If respondents indicated only occasionally or never, this variable is coded as no (not exposed to SHS at work).

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	1121	20.6	20.9
2	No	4322	79.4	79.1
Total		5443	100.0	100.0

Variable = smokefree Format = yesno Weighting Variable = finalwt

If respondents indicated that smoking is not allowed anywhere in their workplace, this variable is coded as Yes (this is a smoke free work place). If smoking is allowed in some places, anywhere or there are no rules about smoking in the work place is not considered to be a smoke free work place.

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	3650	80.2	79.2
2	No	901	19.8	20.8
Total		4551	100.0	100.0

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ALCOHOL CONSUMPTION

Variable = heavydrink Format = ATRISKFT Weighting Variable = finalwt

At risk for heavy drinking is defined as an average of more than 2 drinks per day for men and more than 1 drink per day for women.

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	not at risk	8854	95.3	95.2
2	at risk	439	4.7	4.8
Total		9293	100.0	100.0

Variable = binge2 Format = BINGE2FT Weighting Variable = finalwt

Considering all types of alcoholic beverages, how many times during the past 30 days did you have 5 or more drinks on an occasion?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	No episodes/does not drink	8090	86.3	85.1
2	1 episode	504	5.4	5.9
3	2 episodes	261	2.8	3.0
4	3 or more	519	5.5	6.0
Total		9374	100.0	100.0

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DEMOGRAPHICS

Variable = allsex Format = ALLSEX Weighting Variable = finalwt
Sex

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Male	3990	41.2	46.4
2	Female	5684	58.8	53.6
Total		9674	100.0	100.0

Variable = agecat Format = AGEFMT Weighting Variable = finalwt
What is your age?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	18-24	1002	10.6	13.2
2	25-44	4091	43.5	43.2
3	45-64	2716	28.9	28.3
4	65+	1601	17.0	15.3
Total		9410	100.0	100.0

Variable = agecat5 Format = AGE5FMT Weighting Variable = finalwt
What is your age?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	18-24	1002	10.6	13.2
2	25-29	998	10.6	11.2
3	30-34	1139	12.1	12.1
4	35-39	1011	10.7	10.0
5	40-44	943	10.0	9.9
6	45-49	843	9.0	9.1
7	50-54	728	7.7	7.6
8	55-59	622	6.6	6.4
9	60-64	523	5.6	5.2
10	65+	1601	17.0	15.3
Total		9410	100.0	100.0

Variable = race3 Format = RACE3FMT Weighting Variable = finalwt
Race – derived from Hispanic origin and race question.

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	NH-White	3987	41.2	40.5
2	NH-Black	2362	24.4	22.8
3	NH-Asian	529	5.5	9.9
4	Hispanic	2470	25.5	23.4
5	NH-Other	326	3.4	3.5
Total		9674	100.0	100.0

Variable = educat2 Format = EDUC2FT Weighting Variable = finalwt
What is the highest grade or year of school you completed?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	less than high school	627	6.5	6.0
2	some high school/hs degree	3473	36.3	36.2
3	some college	2114	22.1	23.1
4	college degree or more	3363	35.1	34.8
Total		9577	100.0	100.0

Variable = employ Format = EMPFMT Weighting Variable = finalwt
Employment status

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	employed	5585	58.3	59.6
2	unemployed	914	9.5	9.5
3	out of workforce	3085	32.2	30.9
Total		9584	100.0	100.0

Variable = foreign Format = DEMOG1C Weighting Variable = finalwt
Were you born in the US?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	born in USA	6128	63.5	58.5
2	foreign born	3516	36.5	41.5
Total		9644	100.0	100.0

Variable = inc2 Format = INC2FMT Weighting Variable = finalwt
Is your annual household income from all sources:

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	less than $25,000	2991	33.6	31.8
2	$25,000-$50,000	2649	29.7	30.1
3	greater than $50,000	2548	28.6	29.9
4	don’t know	720	8.1	8.2
Total		8908	100.0	100.0

Variable = marstat Format = MARFMT Weighting Variable = finalwt
Marital Status

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	married/partnered	3841	40.1	47.3
2	divorce/sep/widowed	2649	27.6	21.6
3	never married	3097	32.3	31.1
Total		9587	100.0	100.0

Variable = demog19 Format = yesno Weighting Variable = finalwt

In the past 12 months, have you had any on-the-job injuries that required medical attention other than simple first aid?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	276	5.1	5.1
2	No	5169	94.9	94.9
Total		5445	100.0	100.0

Variable = hh Weighting Variable = finalwt

I need to randomly select one adult who lives in your household to be interviewed. How many members of your household, including yourself, are 18 years of age or older?

Value	Frequency	Raw Percent	Weighted Percent
1	4523	46.8	28.0
2	3523	36.4	41.7
3	1013	10.5	16.3
4	429	4.4	9.1
5	136	1.4	3.4
6	31	0.3	1.0
7	11	0.1	0.3
8	7	0.1	0.2
9	1	0.0	0.0
total	9674	100.0	100.0

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CANCER SCREENING

Variable = threepap Format = yesno Weighting Variable = finalwt
Have you had a Pap smear in the past 3 years? (Excludes women who have had a hysterectomy)

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	3945	82.9	79.8
2	No	815	17.1	20.2
Total		4760	100.0	100.0

Variable = twomam Format = yesno Weighting Variable = finalwt
Restricted to women 40 years and older.
Have you had a mammogram in the past 2 years?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	2343	77.8	77.4
2	No	667	22.2	22.6
Total		3010	100.0	100.0

Variable = sigmoid Format = yesno Weighting Variable = finalwt
Restricted to respondents 50 years and older.
Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the bowel for signs of cancer or other health problems. Have you ever had either of these exams?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	1689	50.2	49.4
2	No	1673	49.8	50.6
Total		3362	100.0	100.0

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HIV TESTING
Restricted to respondents 18 – 64 years old.

Variable = test Format = TESTFMT Weighting Variable = finalwt
When was your last HIV test?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Never tested for HIV	2146	40.3	43.5
2	Tested for HIV in 2001/02	1632	30.6	29.3
3	Tested prior to 2001/dk test date	1552	29.1	27.1
Total		5330	100.0	100.0

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SEXUAL BEHAVIOR
Restricted to respondents 18 – 64 years old.

Variable = sexpartners Format = SEX1FMT Weighting Variable = finalwt
During the past 12 months, with how many people have you had sex, including oral sex?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	0 sex partners	1309	19.4	17.8
2	1 sex partner	4398	65.1	67.1
3	2 or more sex parnters	1050	15.5	15.1
Total		6757	100.0	100.0

Variable = sex3 Format = yesno Weighting Variable = finalwt
Was a condom used the last time you had sex?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	2047	38.1	37.2
2	No	3325	61.9	62.8
Total		5372	100.0	100.0

Variable = sex4 Format = yesno Weighting Variable = finalwt
I'm going to read you a list. When I'm done, please tell me if any of the situations apply to you. You don't need to tell me which one:

- You have used intravenous drugs in the past year
- You have been treated for a sexually transmitted or venereal disease in the past year
- You have given or received money or drugs in exchange for sex in the past year
- You had anal sex without a condom in the past year

Do any of these situations apply to you?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	393	5.2	5.1
2	No	7131	94.8	94.9
Total		7524	100.0	100.0

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DOMESTIC VIOLENCE

Variable = domest1 Format = yesno Weighting Variable = finalwt

In the past 12 months, have you been frightened for the safety of yourself, your children or friends because of the anger or threats of an intimate partner?

Value	Value Label	Frequency	Raw Percent	Weighted Percent
1	Yes	248	2.6	2.5
2	No	9164	97.4	97.5
Total		9412	100.0	100.0

Kingsbridge - Riverdale
Northeast Bronx
Fordham - Bronx Park
Washington Heights - Inwood
Pelhem - Throgs Neck
South Bronx
Central Harlem - Morningside
N J
Upper West Side
East Harlem
Flushing - Clearview
East Side
West Queens / Long Island City
Chelsea-Village
Union Square - Lower East Side
Bayside-Meadows
Lower Manhattan
Greenpoint
Ridgewood - Forest Hills
Williamsburg - Bushwick
Jamaica
Downtown - Heights - Slope
Bedford Stuyvesant
Southwest Queens
East New York
Southeast Queens
Sunset Park
Flatbush - Canarsie
Borough Park
Northern SI
Bensonhurst - Bay Ridge
Coney Island - Sheepshead Bay
Southern SI
Rockaway

This page is located on the NYC.gov Web site at
http://www.nyc.gov/html/doh/html/survey/survey-2002.shtml

Community Health Survey

Community Health Survey 2002 Methods

The Community Health Survey was originally designed in 2002 to obtain neighborhood-specific estimates for New York City. The survey was modeled after the CDC's Behavioral Risk Factor Surveillance System (BRFSS), duplicating many of its questions. Although the BRFSS provides data on NYC, the sample does not provide sufficient power to look at individual boroughs or neighborhoods within the city. In order to obtain estimates to inform borough- and neighborhood-level health interventions, the CHS was created.

TARGET POPULATION:
Non-institutionalized adults aged 18 and older who live in a household with a landline telephone in New York City (the five-borough area).

HEALTH TOPICS COVERED:
CHS 2002 covered a variety of topics pertinent to public health in New York City. Of the 103 questions on the survey, 75 were identical or very similar to those asked in either the BRFSS or the National Health Interview Survey, conducted by the National Center for Health Statistics. Topics included, among others: health care access; cardiovascular disease risks; asthma and diabetes; smoking and alcohol; cancer screening; mental health; and nutrition and exercise. A few additional questions such as domestic violence, occupational injury and sexual behavior were also asked.

SAMPLING METHODOLOGY:
The CHS used a stratified random sample in order to produce citywide, as well as neighborhood-specific estimates. The CHS sampling frame was constructed from a randomly generated list of telephone numbers provided by a commercial vendor (RDD sample). The survey began with cross-sectional samples in each borough. Strata were then defined using the United Hospital Fund's (UHF) neighborhood designation. There are a total of 42 UHF neighborhoods in NYC, each defined by several adjoining zip codes.

Since the predicted zip code available in the RDD sample is not reliable, placement of respondents within the correct UHF neighborhoods was accomplished by asking for zip code at the beginning of each interview. Answers to this screening question were used to tally the number of completed interviews in an UHF neighborhood. As UHF neighborhoods reach their target number of completed interviews, telephone exchanges that have limited coverage (less than 10 percent of all completed interviews within an exchange) are eliminated in the remaining areas.

A computer-assisted telephone interviewing (CATI) system was used to collect the survey data. Households were randomly selected using a random digit dial (RDD) method; 10 attempts were made to reach each household. Upon agreement to participate in the survey, one adult was randomly selected from the household to complete the interview.

The survey was pre-translated and conducted from May to July 2002 by telephone in English, Spanish, Mandarin Chinese, Greek, Yiddish, Polish, Haitian Creole, Korean and Russian. All data collected were self-reported.

To increase statistical power, several neighborhoods were combined, resulting in a total of 33 neighborhoods. Approximately 300 interviews were conducted in each of the 33 strata, with a total sample size of 9,674.

LIMITATIONS:
The survey sampling methodology does not capture the following groups:
households without any telephone service and households that have only a cellular phone (only landlines are included in the initial sampling frame). It is estimated that about 2.6 percent of

households in NYC do not have telephone service (which includes only landline service) at any given time (1). This estimate ranges from 0.5% to 7.3% among the 33 UHF neighborhoods sampled in 2002 (see table).

RESPONSE RATE:
The overall cooperation rate of the survey exceeds 70 percent, as defined by the BRFSS definition of a completed survey.

- Sample size: 9,674
  - 45 interviews were discarded, because they did not meet BRFSS definition of a completed survey. An incomplete survey is defined as a respondent who begins the interview, but terminates it without answering several key demographic questions (i.e., age, sex and race), and the question pertaining to the number of telephone lines in the household.
- Response Rate: 21%
- Overall Cooperation Rate: 64% (2)

DATA ANALYSIS:
In order to appropriately analyze the CHS data, weights were applied to each record. The weight consisted of the probability of selection (number of adults in each household / number of residential telephone lines), as well as a post-stratification weight. The post-stratification weights were created by weighting each record up to the population of the UHF neighborhood, while taking into account the respondent's age, sex and race. The statistical package SUDAAN was used to obtain appropriate standard errors for point estimates.

- Featured Statistics from CHS 2002: Adult Obesity

If you need assistance with the data or would like to suggest additional variables to be added, please send an email to survey@health.nyc.gov.

(1) New York City Department of City Planning. Socioeconomic Profile: New York City and Boroughs, 1990-2000.

(2) The American Association for Public Opinion Research. Standard definitions: Final dispositions of case codes and outcome rates for surveys. Ann Arbor, Michigan: AAPOR, 2000.

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This page is located on the NYC.gov Web site at
http://www.nyc.gov/html/doh/html/episrv/episrv-faq-chs.shtml

Epidemiology Services

Frequently Asked Questions

F.A.Q. EpiQuery
F.A.Q. Community Health Survey **F.A.Q. YRBS**

Community Health Survey

- What is the CHS?
- When will more recent CHS data be available?
- How are CHS data disseminated and used?
- Have other cities and states conducted health surveys similar to the CHS?
- What are some of the limitations and sources of error in CHS data?
- What if I want CHS data for persons under the age of 18?
- Can I compare New York City CHS results to other states and the country as a whole?
- How do you protect the confidentiality of the information obtained from the people interviewed?
- How are neighborhoods defined in the CHS?
- Are the questions the same on the CHS every year?
- How do I examine trends over time in CHS indicators?
- Can I download the CHS dataset for analysis using my own statistical software?
- What is the difference between the sample size and the survey population size?
- What if I want to know more about survey design?

WHAT IS THE CHS?
The New York City Community Health Survey (CHS) is a telephone survey conducted annually by the DOHMH, Division of Epidemiology, Bureau of Epidemiology Services. CHS provides robust data on the health of New Yorkers, including both neighborhood and citywide estimates on a broad range of chronic and behavioral risk factors.

CHS is based upon the CDC's Behavioral Risk Factor Surveillance System (BRFSS). The cross-sectional survey samples approximately 10,000 adults aged 18 and older from all five boroughs of New York City - Manhattan, Brooklyn, Queens, Bronx, and Staten Island. A computer-assisted telephone interviewing (CATI) system is used to collect survey data, and interviews are conducted in a variety of different languages. All data collected are self-reported.

The survey results are analyzed and disseminated in order to influence health program decisions, to increase the understanding of the relationship between health behavior and health status, and to support health policies. For more information and public-use datasets, visit Community Health Survey.

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WHEN WILL MORE RECENT CHS DATA BE AVAILABLE?

Survey data from 2002, 2003, 2004, 2005, 2006, and 2007 are currently available on the DOH website. CHS 2008 data will be available in the late summer of 2009.

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HOW ARE CHS DATA DISSEMINATED AND USED?
The Community Health Survey is conducted in order to inform public health policy and practice in New York City, making data use and dissemination cornerstones of the project. The CHS data have three

main roles in public health work:

- **Instrumental:** Influencing health program decisions
- **Conceptual:** Increasing the understanding of the relationship between health behavior and health status
- **Persuasive:** Supporting health policies

Many data derived from the CHS are linked to objectives in the Healthy People 2010 initiative and Take Care New York. Assessment of progress toward meeting these objectives is carried out at the local, state, and the national levels. Using CHS findings for assessment provides policymakers with informed choices in public health decisions. The CHS findings also can assist planners in designing public health intervention strategies and evaluating their impact, such as the campaign to reduce the rate of cigarette smoking in NYC.

Disseminating the CHS findings is also an integral function. CHS data are an important source of information on current health status, behaviors, and lifestyle patterns, as well as outcome trends. The NYC DOHMH uses CHS data to prepare the Vital Signs Reports on various health topics and the Community Health Profiles on neighborhood-specific health indicators. The CHS data also are used to create Fact Sheets, Issue Briefs and recommendations for health providers and the public. For more data resources, go to My Community's Health.

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HAVE OTHER CITIES AND STATES CONDUCTED HEALTH SURVEYS SIMILAR TO THE CHS?
The CHS, conducted by the NYC DOHMH, is very similar to a survey conducted by state health departments in conjunction with the U.S. Centers for Disease Control and Prevention (CDC) called the Behavioral Risk Factor Surveillance System (BRFSS).

All 50 states, including New York State, conduct surveys as part of BRFSS. However, because the BRFSS is statewide, the sample sizes for individual neighborhoods are too small to find neighborhood-level estimates. Some local and city health departments, such as the NYC DOHMH, have conducted their own independent versions of BRFSS, such as the Los Angeles County Health Department.

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WHAT ARE SOME OF THE LIMITATIONS AND SOURCES OF ERROR IN CHS DATA?
Since the CHS is modeled after the BRFSS, a good source of information on error within the survey is the BRFSS User's Guide. Highlighted below are a few key limitations that should be considered when using CHS data.

- Sampling error occurs because estimates are based on only a sample of the population rather than on the entire population. This type of error can occur in even the most sophisticated sampling design with an adequate sample size. Strict adherence to correct surveillance procedures, however, can eliminate some causes of sampling error. In the CHS, one avoidable cause of sampling error is associated with the random selection of residential telephone numbers.
- The CHS does not sample from the entire population - some groups cannot be reached using a basic telephone survey. Excluded groups include people living in nonresidential settings, such as hospitals, nursing homes, prisons, and college dormitories; and households without telephone service. Persons without telephones tend to have lower household incomes, and low income is associated with certain health risk behaviors. This means that estimates based on the CHS and other telephone surveys may result in underestimates of risk behavior for subpopulations in certain neighborhoods and subgroups. In addition, some households in New York City are cell-phone-only households, which were not included in the survey. There is no easy solution to this type of error in the CHS. Although data can be weighted to account for households without telephones, neighborhood-specific estimates of households without a telephone are only available once every 10 years.
- The CHS relies on self-reported data on health risks, which means that survey respondents answer the questions without any outside check on the truth of their answers. This means that the accuracy of respondents' answers depends on how well they understand the questions and remember the information needed to answer the questions. Also, people may answer a question

the way they think that the interviewer wants them to answer, instead of giving a truthful answer, or they may not want to tell the interviewer the correct answer to a personal question so they provide false information, instead of just not answering the question.

- Nonresponse error - the inability to obtain data for all questionnaire items from persons in the sample population - is a common problem in surveys. There are two levels of nonresponse: unit nonresponse and item nonresponse. Unit nonresponse occurs when an eligible sampling unit (i.e., a household or a person) does not respond or a respondent refuses to participate in the survey. Some persons may never be located after multiple call attempts have been made; others may be willing but unable to respond because of hearing problems, or other causes. Item nonresponse can occur when a respondent believes a question is too sensitive or the respondent does not know or cannot recall the answer to a question.

Poststratification is the final adjustment made to the survey weights. This adjustment forces the weighted totals within categories of age and race to be distributed consistent with current estimates of the adult population in New York, based on the 2000 US Census data. Poststratification is performed to reduce potential bias due to differential response and lack of telephone coverage, thereby providing more accurate estimates that are consistent with other statistics.

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WHAT IF I WANT CHS DATA FOR PERSONS UNDER THE AGE OF 18?

While the CHS only sampled New Yorkers aged 18 and older, data on adolescent New Yorkers in grades 9 through 12 in public schools are available from the Youth Risk Behavior Survey (YRBS).

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CAN I COMPARE NEW YORK CITY CHS RESULTS TO OTHER STATES AND THE COUNTRY AS A WHOLE?

For certain variables, yes. The easiest way is to go the CDC BRFSS website and run a query for the health outcome and state of interest, and then compare the results to those from the CHS. However, care must be exercised when making comparisons. It is important to consider whether the questions were asked the same way on the surveys being compared and whether or not the populations being asked the questions were the same (e.g., aged 18-64 in one survey and aged 20-60 in another). Also, it is important to note whether the rates are adjusted to the same standard population. If not, you may want to compare crude or unadjusted estimates.

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HOW DO YOU PROTECT THE CONFIDENTIALITY OF THE INFORMATION OBTAINED FROM THE PEOPLE INTERVIEWED?

Respondents to the CHS are anonymous. A computer generates random telephone numbers to be called, which are then discarded when the survey is complete. Thus, a respondent's telephone number is never linked to his/her survey responses.

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HOW ARE NEIGHBORHOODS DEFINED IN THE CHS?

The CHS used a stratified sample in order to produce citywide as well as neighborhood-specific estimates. Neighborhoods were defined using the United Hospital Fund's (UHF) designation. UHFs were chosen because survey respondents usually know their zip codes, and UHFs are the accepted zip-code-defined neighborhoods, as opposed to Community Districts, which do not follow zip code areas. There are a total of 42 UHF neighborhoods in NYC each defined by several adjoining zip codes. In order to increase statistical power, several neighborhoods were combined in 2002 and in 2003. In more recent years, separate estimates are available for all 42 neighborhoods.

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ARE THE QUESTIONS THE SAME ON THE CHS EVERY YEAR?

The majority of the questions remained consistent from year to year, because the CHS is first and foremost a surveillance tool – we track indicators over time. However, there have been changes between years. All questionnaires are available in PDF format for comparison here.

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HOW DO I EXAMINE TRENDS OVER TIME IN CHS INDICATORS?

Not all questions are asked each year, although a basic core of items is in every CHS. For specific questions, users will need to check the questionnaire for each year, or contact the Bureau of Epidemiology Services at **survey@health.nyc.gov** to determine how to best to compare survey measures across multiple years.

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CAN I DOWNLOAD THE CHS DATASET FOR ANALYSIS USING MY OWN STATISTICAL SOFTWARE?

CHS data is available for download on the NYC DOHMH website, with SAS programs for running analyses. This dataset is somewhat restricted for privacy reasons, e.g. only five age-groups are available. Questions about the data or running analyses should be sent to **survey@health.nyc.gov**.

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WHAT IS THE DIFFERENCE BETWEEN THE SURVEY POPULATION SIZE AND THE SURVEY SAMPLE SIZE?

The survey population size refers to the size of the population that is eligible to be included in the survey (e.g., for the CHS, all non-institutionalized New Yorkers age 18 and older who live in households with landline telephone service). The sample size refers to the size of the population that is actually contacted by phone and surveyed.

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WHAT IF I WANT TO KNOW MORE ABOUT SURVEY DESIGN?

We suggest the following readings for persons who are interested in learning more about survey design.

1. Glossary of Survey Terms (CDC)
2. CDC Training Module on Prevalence and Surveys
3. Bureau of the Census. *Statistical Brief: Phoneless in America*. Washington, DC: Bureau of the Census, 1994.
4. Centers for Disease Control and Prevention. Health Risks in America: *Gaining Insight from the Behavioral Risk Factor Surveillance System*. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, 1997.
5. Fowler FJ Jr. *Survey Research Methods*. Newbury Park, CA: Sage Publications, 1988.
6. Marks JS, Hogelin GC, Gentry EM, Jones JT, Gaines KL, Forman MR, Trowbridge FL. The behavioral risk factor surveys: I. State-specific prevalence estimates of behavioral risk factors. *Am J Prev Med* 1985;1(6):1-8.
7. Remington PL, Smith MY, Williamson DF, Anda RF, Gentry EM, Hogelin GC. Design, characteristics, and usefulness of state-based behavioral risk factor surveillance 1981-1986. *Public Health Rep* 1988;103:366-375.
8. Siegel PZ, Frazier EL, Mariolis P, Brackbill RM, Smith C. Behavioral risk factor surveillance, 1991: monitoring progress toward the nation's year 2000 health objectives. *MMWR* 1993;42(SS-4):1-22.
9. Waksberg J. Sampling methods for random digit dialing. *J Am Stat Assoc* 1978;73:40-46.
10. Weeks MF, Kulka RA, Lessler JT, Whitmore RW. Personal versus telephone surveys for collecting household health data at the local level. *Am J Public Health* 1983;73:1389-1394.

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Page last updated April 2009.

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