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- \*CHS 2019 Nesting Variable = STRATA
- \*CHS 2019 Long Survey Nesting Variable = STRATA\_Q1
  
- \*CHS 2019 Survey Weight = wt20\_dual
- \*CHS 2019 Long Survey Weight = wt20\_dual\_q1

<b>HEALTH STATUS</b>							
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>		<b>Prior years</b>	<b>NOTES</b>
generalhealth	Would you say that in general your health is: excellent, very good...	health1	Q1.1	1=Excellent	1,431	2002-2018: generalhealth	
				2=Very good	2,486		
				3=Good	2,685		
				4=Fair	1,676		
				5=Poor	499		
				.d=Don't know	21		
				.r= Refused	5		

ACCESS/HEALTH INSURANCE						
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
insuredgateway19	Do you have any kind of health insurance coverage, including private health insurance or government plans such as Medicare or Medicaid?	access66	Q2.1	1=Yes 7,933 2=No 829 .d=Don't know 29 .r=Refused 12	2002: -- 2003 spg: healthcover 2003 fall: healthcover 2004-06: insuredgateway 2007: insuredgateway07 2008: insuredgateway08 2009: insuredgateway09 2010: insuredgateway10 2011: insuredgateway11 2012: insuredgateway12 2013: insuredgateway13 2014: insuredgateway14 2015: insuredgateway15 2016: insuredgateway16 2017: insuredgateway17 2018: insuredgateway18	Question wording changed in 2016
insure19r	What type of health insurance do you use to pay for your doctor or hospital bills? Is it insurance through...	access42	Q2.2	1=Employer 3,193 2=Self-purchase 516 3=Medicare 1,696 4=Medicaid/Family Health+ 1,970 5=Milit/CHAMPUS/Tricare/VA, COBRA or Other 304 6=Uninsured 884 .d=Don't know 169 .r=Refused 30 . =Missing 41	2002: insure02 2003: insure03 2004: insure04 2005: insure05 2006: insure06 2007: insure07 2008: insure08 2009: insure09 2010: insure10 2011: insure11 2012: insure12 2013: insure13 2014: insure14 2015: insure15 2016: insure16 2017: insure17 2018: insure18	Question wording and response options for health insurance coverage have changed over time
insured	<i>Any type of health insurance?</i>	--	insure19	1=Yes 7,679 2=No 884 .d=Don't know 169 .r=Refused 30 . =Missing 41	2002-2018: insured	Based on insure19; question wording and response options changed over time

ACCESS/HEALTH INSURANCE						
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
insure5	<i>Type of health insurance coverage</i>	--	insure19	1=Private 3,709 2=Medicare 1,696 3=Medicaid 1,970 4=Others 304 5=Uninsured 884 .d=Don't know 169 .r=Refused 30 . = Missing 41	2002-2018: insure5	Variable used on EQ.
pcp19	Do you have one person or more than one person you think of as your personal doctor or health care provider?	access45	Q2.3	1=Yes 7,541 2=No 1,213 .d=Don't know 43 .r=Refused 6	2002-04: pcp 2005: pcp05 2006: pcp06 2007: pcp07 2008: pcp08 2009: pcp09 2010: -- 2011: pcp11 2012: pcp12 2013: pcp13 2014: pcp14 2015: pcp15 2016: pcp16 2017: pcp17 2018: pcp18	Question wording and response options changed over time
visitnonpcpl2m19	Have you seen any doctor, nurse, or other health professional in the last 12 months?	access73	Q2.4	1=Yes 7,676 2=No 1,111 .d=Don't know 14 .r=Refused 2	2002-2018: --	New in 2019

ACCESS/HEALTH INSURANCE							
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)		Prior years	NOTES
didntgetcare19	Was there a time in the past 12 months when you needed medical care but did NOT get it? Medical care includes doctor's visits, tests, procedures, prescription medication and hospitalizations.	access36	Q2.5	1=Yes 2=No .d=Don't know .r=Refused	1,044 7,710 45 4	2002: neededcare 2003: -- 2004: -- 2005: didntgetcare 2006: -- 2007: didntgetcare07 2008: -- 2009: didntgetcare09 2010: didntgetcare10 2011: didntgetcare11 2012: didntgetcare12 2013: didntgetcare13 2014: didntgetcare14 2015: didntgetcare15 2016: didntgetcare16 2017: didntgetcare17 2018: didntgetcare18	Question wording and response options changed over time. Question wording for CHS 2006 (didntgetcare06) not directly comparable to other years.
visitdds19	How long has it been since you had your teeth cleaned by a dentist or dental hygienist?	dentist4	Q2.6	1= less than 6 months ago 2= 6 months ago but less than 1 year ago 3= 1 year ago but less than 2 years ago 4= 2 years ago but less than 5 years ago 5= 5 or more years ago 6= Never .d=Don't know .r=Refused	3,417 1,954 1,399 981 704 217 105 26	2002: dentist 2003-2006: -- 2007: visitdds07 2008-2012: -- 2013: visitdds13 2014: visitdds14 2015: visitdds15_w1 2016-18:--	

<b>CARDIOVASCULAR HEALTH</b>						
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
toldhighbp19	Have you ever been told by a doctor, nurse or other health professional that you have hypertension, also called high blood pressure?	press10	Q3.1	1=Yes 2,857 2=No 5,920 .d=Don't know 22 .r=Refused 4	2002: toldhighbp02 2003: -- 2004: -- 2005: toldhighbp05 2006: toldhighbp06 2007: toldhighbp07 2008: toldhighbp08 2009: toldhighbp09 2010: toldhighbp10 2011: toldhighbp11 2012: toldhighbp12 2013: toldhighbp13 2014: toldhighbp14 2015: toldhighbp15 2016: toldhighbp16 2017: toldhighbp17 2018: toldhighbp18	Question wording differs from 2002, 2005
toldprescription19	Have you ever been told by a doctor, nurse or other health professional that you need to take medicine for your high blood pressure?	press14	Q3.2; press10	1=Yes 2,576 2=No 278 .d=Don't know 3 .r=Refused 0 . =Missing/Not asked 5,946	2002-2004: -- 2005: toldprescription 2006: toldprescription 2007: toldprescription07 2008: -- 2009: toldprescription09 2010: toldprescription10 2011: toldprescription11 2012: toldprescription12 2013: -- 2014: toldprescription14 2015: toldprescription15 2016: toldprescription16 2017: toldprescription17 2018: toldprescription18	Question wording modified over time  Denominator is persons ever told high BP

<b>CARDIOVASCULAR HEALTH</b>						
<b>Recoded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
takingmeds19	Are you currently taking medication for your high blood pressure? AMONG THOSE TOLD HBP AND TOLD TO TAKE MEDS	press8	Q3.3; press14	1=Yes 2,307 2=No 264 .d=Don't know 4 .r=Refused 1 . =Missing/Not asked 6,227	2002-2004: -- 2005: takingmeds05 2006: takingmeds06 2007: takingmeds07 2008: -- 2009: takingmeds09 2010: takingmeds10 2011: takingmeds11 2012: takingmeds12 2013: -- 2014: takingmeds14 2015: takingmeds15 2016: takingmeds16 2017: takingmeds17 2018: takingmeds18	Denominator is persons with high BP told they needed meds for high BP.  CHS 08 BP meds question is not comparable to other yrs
checkedbp19	During the past 30 days, have you checked your blood pressure at home or at a pharmacy?	press18	Q3.4	1=Yes 3,007 2=No 5,786 .d=Don't know 9 .r=Refused 1	2018: checkedbp18	

<b>DIABETES</b>							
<b>Recoded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>	
diabetes19	Have you ever been told by a doctor, nurse or other health professional that you have diabetes?	diabet10	Q4.1	1= Yes 2= No .d= Don't know .r=Refused	1,287 7,500 13 3	2002-2004: diabetes 2005: -- 2006: diabetes 2007: diabetes07 2008: diabetes08 2009: diabetes09 2010: diabetes10 2011:diabetes11 2012:diabetes12 2013: diabetes13 2014: diabetes14 2015: diabetes15 2016: diabetes16 2017: diabetes17 2018: diabetes18	Women who had diabetes only while pregnant are included in 'no' category



ASTHMA AND COPD						
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
everasthma	Have you ever been told by a doctor, nurse or other health professional that you had asthma?	asthma1	Q4.2	1= Yes 1,247 2= No 7,530 .d= Don't know 23 .r=Refused 3	2002-04: asthma1 2005: -- 2006-14: everasthma 2015: -- 2016: everasthma 2017: imputed_everasthma 2018: everasthma	Question wording modified over time.
stillasthmaall	Do you still have asthma? (Asked of those ever told asthma, and recoded to among all respondents)	asthma1; asthma19	Q4.3	1= Yes 826 2= No 7,925 .d= Don't know 26 .r=Refused 0 . = Missing 26	2002-18: --	New question in 2019
currentasthma19	In the last 12 months, have you had an episode of asthma or an asthma attack? (Asked of those ever told asthma, and recoded to among all respondents)	asthma1; asthma9	Q4.4	1= Yes 407 2= No 8,363 .d= Don't know 7 .r=Refused 0 . = Missing 26	2002-04: currentasthma 2005: -- 2006: currentasthma 2007: currentasthma07 2008: currentasthma08 2009: currentasthma09 2010: currentasthma10 2011: currentasthma11 2012: currentasthma12 2013: currentasthma13 2014: currentasthma14 2015: --- 2016: currentasthma16 2017: imputed_currentasthma17 2018: currentasthma18	Question wording modified over time.  Not comparable to 2015. Comparable to other years

ASTHMA AND COPD						
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
evercopd	Have you ever been told by a doctor, nurse, or other health professional that you have chronic obstructive pulmonary disease or COPD, emphysema, or chronic bronchitis?	copd1	Q4.4	1= Yes 430 2= No 8,337 .d= Don't know 34 .r=Refused 2	2002-2018: --	New question in 2019

<b>MENTAL HEALTH</b>						
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
mood1	During the past 30 days, how often did you feel... So sad that nothing could cheer you up?	mood1	Q5.1	1=All of the time 161 2=Most of the time 285 3=Some of the time 944 4=A little of the time 1,760 5=None of the time 5,653	2002-03: mood1 2004: -- 2005-06: mood1 2007: -- 2008-10: mood1 2011: -- 2012-13: mood1 2014: -- 2015: mood1 2016-2018: --	Values of DK/R included in none
mood2	During the past 30 days, how often did you feel... Nervous?	mood2	Q5.2	1=All of the time 219 2=Most of the time 375 3=Some of the time 1,603 4=A little of the time 2,511 5=None of the time 4,095	2002-03: mood2 2004: -- 2005-06: mood2 2007: -- 2008-10: mood2 2011: -- 2012-13: mood2 2014: -- 2015: mood2 2016-2018: --	Values of DK/R included in none
mood3	(During the past 30 days), how often did you feel... Restless or fidgety?	mood3	Q5.3	1=All of the time 245 2=Most of the time 386 3=Some of the time 1,422 4=A little of the time 2,034 5=None of the time 4,716	2002-03: mood3 2004: -- 2005-06: mood3 2007: -- 2008-10: mood3 2011: -- 2012-13: mood3 2014: -- 2015: mood3 2016-2018: --	Values of DK/R included in none

<b>MENTAL HEALTH</b>						
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
mood4	(During the past 30 days), how often did you feel... Hopeless?	mood4	Q5.4	1=All of the time 120 2=Most of the time 178 3=Some of the time 691 4=A little of the time 1,091 5=None of the time 6,723	2002-03: mood4 2004: -- 2005-06: mood4 2007: -- 2008-10: mood4 2011: -- 2012-13: mood4 2014: -- 2015: mood4 2016-2018: --	Values of DK/R included in none
mood5	(During the past 30 days), how often did you feel... That everything was an effort?	mood5	Q5.5	1=All of the time 620 2=Most of the time 580 3=Some of the time 1,515 4=A little of the time 1,734 5=None of the time 4,354	2002-03: mood5 2004: -- 2005-06: mood5 2007: -- 2008-10: mood5 2011: -- 2012-13: mood5 2014: -- 2015: mood5 2016-2018: --	Values of DK/R included in none
mood6	(During the past 30 days), how often did you feel... Worthless?	mood6	Q5.6	1=All of the time 105 2=Most of the time 134 3=Some of the time 511 4=A little of the time 820 5=None of the time 7,233	2002-03: mood6 2004: -- 2005-06: mood6 2007: -- 2008-10: mood6 2011: -- 2012-13: mood6 2014: -- 2015: mood6 2016-2018: --	Values of DK/R included in none
K6	Kessler-6 index score (continuous) based on past 30 days	mood1-6	Q5.1-Q5.6	0-24 8,803	2002-03: k6 2004: -- 2005-06: k6 2007: -- 2008-10: k6 2011: -- 2012-13: k6 2014-2018: --	CANNOT BE COMPARED WITH k6_12m

<b>MENTAL HEALTH</b>						
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
nspd	Non specific psychological distress (past 30 days)	mood1-6	Q5.1- Q5.6	1= Yes 463 2= No 8,340	2002-03: nspd 2004: -- 2005-06: nspd 2007: -- 2008-10: nspd 2011: -- 2012-13: nspd 2014: -- 2015: nspd 2016-2018 :--	CANNOT BE COMPARED WITH NSPD12m
nspdinterfere19	Among adults with NSPD, NSPD interfered with life or activities in past 30 days	mood24	Q5.7	1= Yes 374 2= No 81 .d= Don't know 8 . = Missing/Not asked 8,340	2002-08: -- 2009:nspdinterfere09 2010: nspdinterfere10 2011: -- 2012: nspdinterfere12 2013: nspdinterfere13 2014: -- 2015:nspdinterfere15 2016-2018: --	
mhtreat19_all	<i>Received counseling or prescription medication for a mental health problem in last 12 months.</i>	mood8, mood9	Q5.8, Q5.9	1= Yes 1,474 2= No 7,295 .d= Don't know 2 .r= Refused 8 . = Missing/Not asked 24	2002-2008: -- 2009: mhtreat09_all 2010: mhtreat10_all 2011:-- 2012: mhtreat12_all 2013: mhtreat13_all 2014: mhtreat14_all 2015-2018: ---	Among all adults

<b>HOUSING, AND NEIGHBORHOODENVIRONMENT</b>						
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequency (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
homeownership19	Is this home or apartment owned or rented?	housing32	Q6.1	1=Owned 2,841 2=Rented 5,852 3=[VOL] Occupied with no rent 69 .d=Don't know 10 .r=Refused 31	2002-2004: -- 2005: housing3 2006-2008: -- 2009: homeownership09 2010-2012: -- 2013: homeownership13 2014: homeownership14 2015-2016: -- 2017: homeownership17 2018: homeownership18	Question wording and response options changed over time  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.ny.gov">EpiDataRequest@health.ny.gov</a>
lowinhousing19	Are you: a public housing resident, receive rental assistance such as Section 8, rent-controlled or rent-stabilized, or neither?	housing51	Q6.2	1=Public housing resident 651 2=Rental assistance 565 3= Rent-controlled/rent-stabilized 1,214 4=Neither 3,318 .d=Don't know 197 .r=Refused 17 . = Missing/not asked 2,841	2002-2014: -- 2015: lowinhousing 2016: lowinhousing_q1 2017: lowinhousing17 2017: lowinhousing18	Asked among non-home owners.  Question wording and response options have changed over time.  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.ny.gov">EpiDataRequest@health.ny.gov</a>
howlong19new	How long have you lived in your home or apartment?	housing52y, housing52m	Q6.3	<1 year 532 1-<4 years 1,748 4+ years 6,429 . = Missing/not asked 94	2002-2004: -- 2005: housing1, housing2 2006-2016:-- 2017: howlong17new 2018: howlong18new	Question wording has changed since last asked in 2005.  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.ny.gov">EpiDataRequest@health.ny.gov</a>

<b>HOUSING, AND NEIGHBORHOOD ENVIRONMENT</b>						
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequency (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
everevicted_q1	An eviction is when your landlord, a roommate, a housing court, or a bank forces you to move when you don't want to. Have you ever been evicted?	housing58	Q6.4	1=Yes 194 2=No 4115 .d=Don't know 2 .r=Refused 5 .s=Missing/Not asked 4,487	2002-2018:--	New in 2019  Version 1 only. Analysis requires special survey strata (strata_q1) and weight (wt20_dual_q1)  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.ny.gov">EpiDataRequest@health.ny.gov</a>
delaypayrent	During the PAST 12 MONTHS, was there any month when you delayed paying or were not able to pay your mortgage or rent?	housing13	Q6.5	1=Yes 1,054 2=No 7,681 .d=Don't know 45 .r=Refused 23	2002-2018: --	New in 2019
seenroach30days19	During the past 30 days, on how many days have you seen any cockroaches inside your home? Among those with asthma.	asthma1; environ12	Q6.6	1=None 764 2=1-7 days 233 3=8-29 days 54 4=30 days 148 .d=Don't know 16 .r=Refused 5 .s=Missing/Not asked 7,583	2002-2018: --	New in 2019
anyroach19	Saw cockroach inside home on one or more of last 30 days. Among those with asthma.	asthma1; environ12	Q6.6	1=Yes 435 2=No 764 .d=Don't know 16 .r=Refused 5 .s=Missing/Not asked 7,583	2002-2018: --	New in 2019
wallmold	In the past 12 months, have you had visible mold or mildew on the walls or ceilings of your home?	environ11	Q6.7	1=Yes 1,163 2=No 7,562 .d=Don't know 74 .r=Refused 4	2002-2018: --	New in 2019

<b>HOUSING, AND NEIGHBORHOOD ENVIRONMENT</b>							
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequency (unweighted)</b>		<b>Prior years</b>	<b>NOTES</b>
imputed_helpneighbors19	People in your neighborhood are willing to help their neighbors.	neighb2	Q7.1	1=Strongly Agree	2,966	2002-2014: --	Questions wording changed since 2017.  Missing values were imputed.
				2=Somewhat Agree	3,777	2015: helpneighbors	
				3=Neither Agree nor Disagree	918	2016: helpneighbors	
				4=Somewhat disagree	617	2017: imputed_helpneighbors17_cat	
				5=Strongly Disagree	525	2018: imputed_helpneighbors18_cat	



<b>TOBACCO AND SECOND HAND SMOKING</b>							(Fall '03 variables reported since fall '03 must be combined w/ CHS 2003 for smoking analyses)
<b>Recoded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>		<b>Prior years</b>	<b>NOTES</b>
smoker	Have you smoked at least 100 cigarettes in your entire life? Do you now smoke cigarettes: everyday, some days, or not at all?	smoke1; smoke2	Q8.1; Q8.2	1= Never 2= Current 3= Former .d= Don't know .r= Refused	5,862 999 1,892 44 6	2002-2018: smoker	
everyday	<i>Smoke every day vs some days</i>	smoke2	Q8.2	1= Yes, every day 2= No, some days .d= Don't know .r= Refused . = Missing/Not asked	584 415 4 2 7,798	2002-2018: everyday	Denominator persons who smoked at least 100 cigarettes (smoke1=1)
numberperdaya	<i># cigs smoked/day every &amp; someday smokers, continuous (imputed for missing &amp; adjusted for days smoked)</i>	smoke3, smoke72, smoke89	Q8.3, Q8.3a, Q8.3b	0 – 200 . = Missing/Not asked	999 7,804	2002: numberperdaya 2003: numberperdaya 2003 fall: numberperdaya 2004: numberperdaya 2005: -- 2006: numberperdaya 2007: -- 2008: numberperdaya 2009: numberperdaya 2010: numberperdaya 2011: numberperdaya 2012: numberperdaya 2013: numberperdaya 2014: numberperdaya 2015: numberperdaya 2016: numberperdaya 2017: numberperdaya 2018: numberperdaya	numberperdaya imputes for missing values of smoke3, smoke72, and smoke89 and adjusts for days smoked. Numberperdaya sums to total every and someday smokers.  Question wording and response options changed over time

TOBACCO AND SECOND HAND SMOKING							(Fall '03 variables reported since fall '03 must be combined w/ CHS 2003 for smoking analyses)
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)		Prior years	NOTES
cpd19a	<i># cigs smoked/day every &amp; someday smokers, categorical (imputed for missing &amp; adjusted for days smoked)</i>	--	numberper daya	1= <10 cigs 2= 10 - <21 cigs 3= 21+ cigs . = Missing/Not asked	642 333 24 7,804	2002: cpd02a 2003: cpd03a 2003 fall: cpd03a 2004: cpd04a 2005: -- 2006: cpd06a 2007: -- 2008: cpd08a 2009: cpd09a 2010: cpd10a 2011: cpd11a 2012: cpd12a 2013: cpd13a 2014: cpd14a 2015: cpd15a 2016: cpd16a 2017: cpd17a 2018: cpd18a	cpd19a is categorical VERSION of numberperdaya. See above for description.  cpd replaces 'cigarettes' vars in all yrs available
everydaycpda	<i># cigs smoked/day among every day smokers ONLY (imputed for missing)</i>	--	numberper daya	1= <10 2= 10 - <21 3= 21+ . = Missing/Not asked	234 326 24 8,219	2002-2003: everydaycpda 2003 fall: everydaycpda 2004-2007: everydaycpda 2007: -- 2008-2018: everydaycpda	everydaycpda is categorical VERSION of numberperdaya for EVERY DAY SMOKERS.  Only every day were asked cpd in '05; use everydaycpda for cpd trend analyses.

TOBACCO AND SECOND HAND SMOKING		(Fall '03 variables reported since fall '03 must be combined w/ CHS 2003 for smoking analyses)					
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)		Prior years	NOTES
heavysmoker19a	<i>Heavy smoker(&gt;10 cig/day) (imputed for missing cigs &amp; adjusted for days smoked)</i>	--	numberper daya	1 = Yes (>10 cigs) 2 = No (≤10 cigs) . = Missing/Not asked	198 801 7,804	2002: heavysmoker02a 2003: heavysmoker03a 2003fall: heavysmoker03a 2004: heavysmoker04a 2005: -- 2006: heavysmoker06a 2007: -- 2008: heavysmoker08a 2009: heavysmoker09a 2010: heavysmoker10a 2011: heavysmoker11a 2012: heavysmoker12a 2013: heavysmoker13a 2014: heavysmoker14a 2015: heavysmoker15a 2016: heavysmoker16a 2017: heavysmoker17a 2018: heavysmoker18a	Heavysmoker19a is dichotomous VERSION of numberperdaya. See above for description. HeavysmokerYY'a' (NOT heavysmoker) should be used in multi-yr analyses.
smokecat	<i>Type of smoker</i>	--	everyday, heavysmok er18a	1 = Non-daily smoker 2 = Light daily smoker 3 = Heavy daily smoker 4 = Non-smoker . = missing	415 392 192 7,754 50	2002-2004: smokecat 2005:-- 2006: smokecat 2007:-- 2008-2018: smokecat	
mentholcigs19	Thinking about the type of cigarettes you usually smoke, are they menthol or non-menthol?	smoke129	Q8.4, smoker	1=Menthol 2=Non-menthol 3=[VOL.] No Usual Type of Cigarette .d= Don't know .r= Refused . = Missing/Not asked	535 447 13 4 0 7,804	2002-2014: -- 2015: mentholcigs 2016-2017: -- 2018: mentholcigs18	Denominator is current smokers  Response options changed
sourcelastcig	Was the last cigarette you smoked from a carton, a pack, a single or loosie, bummed, or did you roll your own?	smoke39	Q8.5; smoker	1=Carton 2=Pack 3=Single/loosie 4=Bummed 5=Roll own .d= Don't know .r= Refused . = Missing/Not asked	101 676 129 46 38 7 2 7,804	2002: -- 2003: smoke39 2003 fall: smoke39 2005: smoke39 2006-10: sourcelastcig 2011: -- 2012-2018: sourcelastcig	Denominator is current smokers

TOBACCO AND SECOND HAND SMOKING							(Fall '03 variables reported since fall '03 must be combined w/ CHS 2003 for smoking analyses)
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES	
cost20cigarettes	<i>Cost of 20 cigarettes (pack)</i>	smoke40, smoke41, smoke42	Q8.6a, Q8.6b, Q8.6c	\$0.15-\$20 .d= Don't know .r= Refused . = Missing/Not asked	830 21 8 7,944	2002: -- 2003-2006: cost20cigarettes 2007: -- 2008-2010: cost20cigarettes 2011-2012: -- 2013-2018: cost20cigarettes	
cigpurchase19	Where did you buy the last cigarette you smoked? Was it in your neighborhood, in another part of New York City, or outside of New York City?	smoke128	Q8.7	1=In your neighborhood 2=In another part of New York City 3=Outside of NYC .d= Don't know .r= Refused . = Missing/Not asked	593 130 141 6 5 7,928	2002-2010: cigpurchase 2011: -- 2012-2015: cigpurchase 2016: -- 2017: cigpurchase17 2018: cigpurchase18	Question wording and response options have changed over time.
smokeecig12m	In the past 12 months, have you tried an electronic cigarette, also known as an e-cigarette?	smoke121	Q8.8	1=Yes 2 =No 3 = Do not know what electric/E-cigarettes are .d=Don't know .r=Refused	742 8,005 52 2 2	2002-2013: -- 2014: smokeecig12m 2015: smokeecig12m_w1 2016: smokeecig12m 2017: smokeecig12m 2018: --	
smokeecig30days	In the past 30 days, did you use an electronic cigarette every day, some days or not at all?	smoke122	Q8.9	1=Everyday 2 =Some days 3 =Not at all . =Missing/Not asked	109 273 360 8,061	2002-2013: -- 2014: smokeecig30days 2015: smokeecig30days_w1 2017: smokeecig30days 2018: --	Among those who smoked an e-cigarette in the past 12 months
smokehookah12m	In the past 12 months, have you smoked a hookah, also called a water pipe?	smoke125	Q8.10	1=Yes 2 =No 3 = Do not know what a hookah is .d=Don't know .r=Refused	625 8,082 91 3 2	2002-2015: -- 2016: smokehookah12m_q1 2017: smokehookah12m 2018: --	

DEMOGRAPHICS						
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
agegroup	What is your age? We are only asking this information to make sure we have talked to enough people in each age group. Can you just tell me if you are:	demog1, demog158	Q9.1, Q9.1a	1=18-24yrs 654 2=25-44 yrs 3,135 3=45-64 yrs 2,819 4=65+ yrs 2,179 .d=Don't know 0 .r=Refused 16	2002-18: agegroup	
agegroup5	What is your age? We are only asking this information to make sure we have talked to enough people in each age group. Can you just tell me if you are:	demog1, demog158	Q9.1, Q9.1a	1=18-24yrs 654 2=25-29 yrs 726 3=30-44 yrs 2,409 4=45-64 yrs 2,819 5=65+ yrs 2,179 .d=Don't know 0 .r=Refused 16	2002-10: -- 2011-2018: agegroup5	Response option 25-29 new in 2011
agegroup6	What is your age? We are only asking this information to make sure we have talked to enough people in each age group. Can you just tell me if you are:	demog1, demog158	Q9.1, Q9.1a	1=18-24yrs 654 2=25-29 yrs 726 3=30-44 yrs 2,409 4=45-64 yrs 2,819 5=65-74 yrs 1,250 6=75+ yrs 929 .d=Don't know 0 .r=Refused 16	2002-15: -- 2016-18: agegroup6	
age18_64	See above	See above	See above	1=18-24 yrs 654 2=25-44 yrs 3,135 3=45-64 yrs 2,819 . =Missing/not applicable 2,195	2002-18: age18_64	
age21up	See above	See above	See above	1= 21-44 yrs 3,547 2= 45-64 yrs 2,819 3= 65+ yrs 2,179 . = Missing/not applicable 258	2002-18:age21up	
age25up	See above	See above	See above	1=25-44 yrs 3,135 2=45-64 yrs 2,819 3=65+ yrs 2,179 . =Missing/not applicable 670	2002-18: age25up	
age40new	See above	See above	See above	1=40-44 yrs 728 2=45-64 yrs 2,819 3=65+ yrs 2,179 . =Missing/not applicable 3,077	2002-18: age40new	Use age40new NOT age40up for mammography screening variables

DEMOGRAPHICS							
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)		Prior years	NOTES
age45up	See above	See above	See above	1=45-64 yrs	2,819	2002-18: age45up	
				2=65+ yrs	2,179		
				. =Missing/not applicable	3,805		
age50up	See above	See above	See above	1=50-64 yrs	2,098	2002-18: age50up	
				2=65+ yrs	2,179		
				. =Missing/not applicable	4,526		
birthsex	<i>Sex assigned at birth</i> What was your sex assigned at birth? Male or female?	demog175	Q9.2	1=Male	3,855	2002-17: sex 2018: birthsex	Variable is comparable to SEX in prior years and should be used on all subgroup analyses.  Respondents are coded as male if they reported their sex at birth as male or were erroneously coded as female but identify as male. Respondents are coded as female if they reported their sex at birth as female or were erroneously coded as male but identify as female.
				2=Female	4,918		
				.d=Don't know	11		
				.r=Refused	19		

DEMOGRAPHICS							
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES	
newgenderid19	I want to ask you about your gender identity and your sex assigned at birth. Gender identity refers to how you identify yourself, which may or may not be the same as the sex you were assigned at birth. How do you currently identify your gender? Do you identify as ... (Combines sex at birth and gender identity questions )	demog173, demog175, demog176 demog179, demog180, demog181, demog182	Q9.2, Q9.3, Q9.3a, Q9.3b, Q9.3b2, Q9.3c, Q9.3d, Q9.3d2, Q9.3e, Q9.3e2	1=Cisgender man 2=Cisgender woman 3=Transgender man 4=Transgender woman 5=Non-binary person, assigned male at birth 6=Non-binary person, assigned female at birth 7=Another gender identity, assigned male at birth 8=Another gender identity, assigned female at birth .d=Don't know .r=Refused . =Missing	3,828 4,882 21 17 12 14 5 11 1 10 2	2002-2016: -- 2017-2018: newgenderid	Note the change of categories.  Includes discordant responses in the sex at birth and how do you identify yourself questions.  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>
newrace	Are you Hispanic or Latino? Some people, aside from being Hispanic, also consider themselves to be a member of a racial group. Which one or more of the following would you say is your race?	--	Q9.4, Q9.5	1=White Non-Hispanic 2=Black Non-Hispanic 3=Hispanic 4=Asian/PI Non-Hispanic 5=Other Non-Hispanic	3,056 1,943 2,411 1,127 266	2002-18: newrace	Race is assigned for missing observations  Since 2017, "Middle Eastern or North African" was included as one of the race question options and recoded in "newrace" to White  **Use newrace for analyses that include race/ethnicity**

DEMOGRAPHICS						
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
newrace6	Are you Hispanic or Latino? Some people, aside from being Hispanic, also consider themselves to be a member of a racial group. Which one or more of the following would you say is your race?	--	Q9.4, Q9.5	1=White Non-Hispanic 2,986 2=Black Non-Hispanic 1,943 3=Hispanic 2,411 4=Asian/PI Non-Hispanic 1,127 5=N. African/Middle Eastern, non-Hispanic 70 6=Other Non-Hispanic 266	2002:2017:-- 2018: newrace6	Race is assigned for missing observations  Since 2017, “Middle Eastern or North African” was included as one of the race question options and recoded into White
newrace6_b	Are you Hispanic or Latino? Some people, aside from being Hispanic, also consider themselves to be a member of a racial group. Which one or more of the following would you say is your race?	--	Q9.4, Q9.5	1=White Non-Hispanic 3,056 2=Black Non-Hispanic 1,943 3=Hispanic 2,411 4=Asian/PI Non-Hispanic 1,127 5=Multi-race, non-Hispanic 176 6=Other Non-Hispanic 90	2002:2017:-- 2018: --	Race is assigned for missing observations  Since 2017, “Middle Eastern or North African” was included as one of the race question options and recoded into White
nativeindig	American Indian, Alaska Native, indigenous People of the Americas heritage	--	Q9.5	1=American Indian, Alaska Native, indigenous People of the Americas heritage 190 . =Missing/not asked 8,613	2002-2018: --	New in 2019  Respondents who identify as American Indian, Alaska Native or Indigenous peoples (Q9.5=6) or gave a verbatim response as such are recoded as nativeindig=1.  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>



DEMOGRAPHICS							
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)		Prior years	NOTES
demog183	Please tell me which group best represents your Hispanic or Latino origin or ancestry	demog183	Q9.4a2	1= Puerto Rican	654	2003-17: demog55 2018: demog172	Question was changed  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>
				2= Dominican	736		
				3= Mexican	274		
				4= Ecuadorian	165		
				5= Colombian	100		
				6= Cuban	45		
				7= Other Central American	197		
				8= Other South American	139		
				9= (VOL) SPANISH			
				10= Other Latin American/ Hispanic/Latino/Something else	23		
				.d=Don't know	44		
				.r=Refused	7		
				.= Missing/not asked	7		
					6,412		
demog135r	Please tell me which group best represents your Asian heritage or ancestry	demog135; demog135vr	Q9.6	1=Chinese	609	2002-2011: -- 2013-2018: demog135r	Also see asianancestry. Note the small numbers in some groups.  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>
				2=Asian Indian	293		
				3=Filipino	58		
				4=Korean	44		
				5=Japanese	17		
				6=Vietnamese	9		
				7=Something else (specify)	61		
				.d=Don't know	5		
				.r=Refused	4		
				.=Missing/not asked	7,703		

DEMOGRAPHICS						
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
asianancestry	Please tell me which group best represents your Asian heritage or ancestry	demog135; demog135vr	Q9.6	1=East Asian 680 2=South Asian 300 3=Southeast Asian 81 4=Other 30 .d=Don't know 5 .r=Refused 4 . = Missing/not asked 7,703	2002-2011: -- 2013-2018: asianancestry	If more refined groups are of interest, use demog135r and demog135vr.  Regions defined per: <a href="http://en.wikipedia.org/wiki/United_Nations_geoscheme">http://en.wikipedia.org/wiki/United_Nations_geoscheme</a>  Due to the way newrace is coded, there are a few responses for asianancestry among those whose newrace is Hispanic or other. Asianancestry is based on self-reported responses to heritage and in some cases will not be the same as respondents self-reported birth country.  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>
bthregion19	Where were you born?	demog129, demog136 demog136vr	Q9.7, Q9.7a,	<i>Region frequencies not reported due to length</i> .d=Don't know 17 .r=Refused 64 . =Missing 1	2002-03: bthregion 2004: bthregion04 2005: bthregion05 2006: bthregion06 2007: bthregion07 2008: bthregion08 2009: bthregion09 2010: bthregion10 2011: bthregion11 2012: bthregion12 2013: bthregion13 2014: bthregion14 2015: bthregion15 2016: bthregion16 2017: bthregion17 2018: bthregion18	Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>

DEMOGRAPHICS						
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
countrybirth19	See bthregion19	n/a	bthregion19	<i>Country frequencies not reported due to length</i> .d=Don't know 17 .r=Refused 64 .=Missing 125	2002-03: countrybirth 2004: countrybirth04 2005: countrybirth05 2006: countrybirth06 2007: countrybirth07 2008: countrybirth08 2009: countrybirth09 2010: countrybirth10 2011: countrybirth11 2012: countrybirth12 2013: countrybirth13 2014: countrybirth14 2015: countrybirth15 2016: countrybirth16 2017: countrybirth17 2018: countrybirth18	Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>
bthregion2	Where were you born?	n/a	bthregion19	1=Northern Europe 83 2=Western Europe 72 3=Southern Europe 59 4=Eastern Europe 379 5=Eastern Asia 585 6=South Central Asia 296 7=South Eastern Asia 76 8=Western Asia 60 9=Eastern Africa 4 10=Middle Africa 3 11=Northern Africa 13 12=Southern Africa 5 13=Western Africa 78 14=Australia and New Zealand 11 15=Elsewhere Oceania 0 16=Caribbean 1,110 17=Central America 379 18=South America 441 19=Northern America - not including U.S. 42 20=United States 4,951 d=Don't know 91 .r=Refused 64 .=Missing 1	2002-2018: bthregion2	Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>  Top coded from bthregion19

DEMOGRAPHICS						
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
usborn	Where were you born? Please tell me the country	n/a	bthregion19 demog129	1=US born 4,951 2=Foreign born 3,812 .d=Don't know 3 .r=Refused 37	2002-18: usborn	Puerto Rico and the US Territories are classified as US born
demog192r	Some people in addition to being Black, have a certain heritage or ancestry. Do you identify with any of these?	demog192, demog192vr	Q9.8	1=African American 978 2=Caribbean or West Indian 928 3=A recent immigrant or the child of recent immigrants from Africa 58 4=Other Black heritage or ancestry 152 5= Does not identify with any of these 129 . d=Don't know 41 .r=Refused 15 . = Missing/not asked 6,502	2002-2018: --	New in 2019.  Due to the way newrace is coded, there are a few responses of Black heritage or ancestry among those whose newrace is Hispanic or other.  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>
maritalstatus19	Are you: Married, Divorced, Widowed, Separated, Never married, OR A member of an unmarried couple living together?	demog145	Q9.9	1=Married 3,327 2=Divorced 1,044 3=Widowed 742 4=Separated 410 5=Never married 2,653 6=Member of unmarried couple living together or partnered 555 .d=Don't know 13 .r=Refused 59	2002-06: maritalstatus 2007: maritalstatus07 2008: maritalstatus08 2009: maritalstatus09 2010: maritalstatus10 2011: maritalstatus11 2012: maritalstatus12 2013: maritalstatus13 2014: maritalstatus14 2015: maritalstatus15 2016: maritalstatus16 2017: maritalstatus17 2018: maritalstatus18	Starting in 2007 added to demog114=6, "member of unmarried couple LIVING TOGETHER"

DEMOGRAPHICS							
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)		Prior years	NOTES
sexualid19	<p>Now I'll read a list of terms people sometimes use to describe themselves — gay or lesbian; straight, that is not gay; bisexual; something else As I read the list again, please stop me when I get to the term that best describes how you think of yourself:</p> <p>Do you not understand the words, are you not sure yet, or do you mean something else?</p> <p>What do you mean by something else?</p>	demog147, demog171, demog148, demog148v	Q9.10 Q9.10a Q9.10b	1=Gay/Lesbian 340 2=Straight, that is not Gay/Lesbian 7,678 3=Bisexual 231 4=Something else 103 .d=Don't know 229 .r=Refused 192 .=Missing 30	2002: -- 2003-14: sexualid 2015: sexualid15 2016: sexualid16 2017: sexualid17 2018: sexualid18	<p>Question wording differs in CHS 2003. Use caution when comparing to later years</p> <p>Response options changed since 2015.</p>	
education	What is the highest grade or year of school you completed?	demog17	Q9.11	1=Less than HS 1,152 2=High school grad 1,779 3=Some college 1,855 4=College graduate 3,976 .d=Don't know 23 .r=Refused 18	2002-18: education	demog17 contains more detailed education categories	
child	<i>Presence of children in household</i>	--	children19	1=Yes 2,957 2=No 5,805 .d=Don't know 11 .r=Refused 30	2002-18: child	Top coded from children18	
numadults2	<i>Total adults in household</i>		(rdd: qhh, hhmen, hhwomen) (cell: numadults)	1 2,787 2 3,442 3 1,389 4 766 5 281 6 or more 138	2002-17: numadults2	Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>	

DEMOGRAPHICS						
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
employment19	Are you currently: Employed for wages or salary, Self-employed, unemployed for 1 year or more, unemployed for less than 1 year, A Homemaker, A Student, Retired, Unable to work?	demog119	Q9.13	1=Employed for wages/salary 4,219 2=Self-employed 829 3=Unempl for 1+yrs 246 4=Unempl for <1 yr 306 5=Homemaker 415 6=Student 355 7=Retired 1,721 8=Unable to work 626 .d=Don't know 42 .r=Refused 44	2002-04: employment 2005: employment05 2006: employment06 2007: employment07 2008: employment08 2009: employment09 2010: employment10 2011: employment11 2012: employment12 2013: employment13 2014: employment14 2015: employment15 2016: employment16 2017: employment17 2018: employment18	The response order for Q8.13 differs from the order of responses in formatted frequencies. Employment12 was renumbered so that response options would be consistent with order in prior years
emp3	<i>Employment status – three categories</i>	demog119, employment19	Q9.13	1=Employed 5,048 2=Unemployed 552 3=Not in labor force 3,117 .d=Don't know 42 .r=Refused 44	2002-2018: emp3	
occupation_groupnew	What kind of work do you do? For example, registered nurse, janitor, cashier, auto mechanic. Among those who are currently employed or unemployed for <1 yr.	demog199, demog201	Q9.13b, Q9.13d	1=Management, Business, Science, and Arts Occupations 2,333 2=Service Occupations 1,124 3=Sales and Office Occupations 867 4=Natural Resources, Construction, and Maintenance Occupations 301 5=Production, Transportation, and Material Moving Occupations 386 6=Insufficient Information/Military Specific Occupations 265 .d=Don't know 11 .r=Refused 67 . =Missing/Not asked 3,449	2002-2018: --	New in 2019.  Occupation classification based on the 2018 Census Occupation Code List  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>

DEMOGRAPHICS						
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
industry_groupnew	What kind of business or industry do you work in? For example, in a hospital, elementary school, clothing manufacturing, or restaurant. Among those who are currently employed or unemployed for <1 yr.	demog200, demog202	Q9.13c, Q9.13e	1=Construction 275 2=Manufacturing 144 3=Wholesale Trade 40 4=Retail Trade 341 5=Transportation and Warehousing, and Utilities 292 6=Information 213 7=Finance and Insurance, and Real Estate and Rental and Leasing 401 8=Professional, Scientific, and Management, and Administrative and Waste Management Services 613 9=Educational Services, and Health Care and Social Assistance 1,623 10=Arts, Entertainment, and Recreation, and Accommodation and Food Services 582 11=Other Services, Except Public Administration 364 12=Public Administration 255 13=Insufficient Information 125 14=Other industries 22 .d=Don't know 7 .r=Refused 57 .=Missing/Not asked 3,449	2002-2018: --	New in 2019  Industry classification based on the 2017 Census industry Classification List  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>
imputed_povertygroup	<i>Household annual income from all sources; imputed for those with missing data for povertygroup</i>	Q9_14, Q9_142, demog68,	Q9.14, Q9.14a, Q9.14b	1= <100% FPL 1,975 2=100 - <200% FPL 1,748 3=200 - <400% FPL 1,427 4=400 - <600% FPL 1,718 5= ≥600% FPL 1,935	2002-12: -- 2013-18: imputed_povertygroup	Household income was imputed for those with missing data, or who responded 'Don't know' or 'refused' to Q8.18 and Q8.18a.  If newpovgrps was used to compare income in '02/'03, to later years use imputed_povertygroup instead  **For use as a covariate, e.g., for analyses comparing estimates between two HH income groups, and not for estimates of the prevalence of the income groups themselves

DEMOGRAPHICS						
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
imputed_pov200	<i>Household annual income from all sources &lt;200% FPL; imputed for those with missing data for pov200</i>	--	Q9.14, Q9.14a, Q9.14b	1= <200% FPL 3,723 2= ≥200% FPL 5,080	2002-2012: -- 2013-18: imputed_pov200	Household income was imputed for those with missing data, or who responded 'Don't know' or 'refused' to Q8.18 and Q8.18a  Not a collapse of imputed_povertygroup **For use as a covariate, e.g., for analyses comparing estimates between two HH income groups, and not for estimates of the prevalence of the income groups themselves
imputed_povgroup3	<i>3-category household annual income from all sources</i>	--	imputed_povertygroup7	1= <200% FPL 3,723 2=200 - 399% FPL 1,427 3= ≥400% FPL 3,653	2002-2012: -- 2013-18: imputed_povgroup3	Household income was imputed for those with missing data, or who responded 'Don't know' or 'refused' to Q8.18 and Q8.18a  **For use as a covariate, e.g., for analyses comparing estimates between two HH income groups, and not for estimates of the prevalence of the income groups themselves
bmi	About how tall are you without shoes? About how much do you weigh without shoes?	demog120, demog127;	Q9.15; Q9.16	9.14-81.45 kg/in <sup>2</sup> 8440 . = Missing 363	2002-18: bmi	Body Mass Index (BMI) based on self-reported height and weight.



DEMOGRAPHICS						
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
weight19in4	See bmi	--	weightin4; probableweig ht19; demog48; demog131	1= Under: bmi<18.5 220 2=Normal: 18.5≤bmi<25 3,162 3=Overwt: 25≤bmi<30 2,973 4=Obese: 30≤bmi<100 2,258 . =Missing 190	2002- 2004: -- 2005: weight05in4 2006: weight06in4 2007: weight07in4 2008: weight08in4 2009: weight09in4 2010: weight10in4 2011: weight11in4 2012: weight12in4 2013: weight13in4 2014: weight14in4 2015: weight15in4 2016: weight16in4 2017: weight17in4 2018: weight18in4	Includes responses to follow up questions on wt, ht
weight19in5	See bmi	--	weightin4; probableweight 19	1= Under: <18.5 220 2=Normal: 18.5≤bmi<25 3,162 3=Overwt: 25≤bmi<30 2,973 4=Obese:30≤bmi<35 1,393 5=Very obese: 856 35≤bmi<100 . =Missing 199	2002-10: -- 2011: weight11in5 2012: weight12in5 2013: weight13in5 2014: weight14in5 2015: weight15in5 2016: weight16in5 2017: weight17in5 2018: weight18in5	Added very obese.  Includes responses to follow up questions on wt, ht
weightall	See bmi	--	weightin3; probableweight 98; demog48-51; demog100- 103; demog36- 39; demog131; demog133	1=Und/norm: bmi<25 3,386 2=Overwt: 25≤bmi<30 2,973 3=Obese: 30≤bmi≤100 2,261 . =Missing 183	2002-18: weightall	**Weightall should be used for analyses using 3-category weight **  Include responses to follow up questions on wt, ht

NEIGHBORHOODS							
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES	
uhf34	34 United Hospital Fund neighborhoods – few neighborhoods are combined due to the survey design categorized 1 to 34	--	uhf	1-34 .= Missing	8,702 101	2002: uhf33* 2003-18: uhf34	*UHF34 not available in CHS 2002 (uhf33 available) UHF's were not assigned to cell respondents when information was missing.  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>
borough	Borough of residence based on uhf assignment	--	uhf42; respboro	1=Bronx 2=Brooklyn 3=Manhattan 4=Queens 5=Staten Island	1,641 2,896 1,538 2,289 439	2002-18: borough	Borough is based first on responses from UHF (from orgzip or qzip1). For cell respondents with missing UHF, self-reported borough is used. NOTE there are some cases where borough based on UHF does not match self-reported borough  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>
dphonew06	District Public Health Offices in New York City	--	uhf	1=South Bronx 2=East/Cen Harlem 3=North/Cen Bklyn 4=All other areas .=Missing	623 381 853 6,845 101	2002: -- 2003: -- 2004: -- 2005: -- 2006-18: dphonew06	DPHO areas were expanded Sept. 2005, therefore dphonew06 (CHS 06-09) not directly comparable to dpho (CHS 02-05). May consider manually recoding DPHO variable to get a consistent geographic area. For explanation of missing values, see note on 'uhf' variable.  Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>
indpho	<i>In a DPHO area (Y/N)</i>	--	dphonew06	1= Yes 2= No .= Missing	1,857 6,845 101	2002-2012: -- 2013-2018: indpho	Available with a Data Use Agreement. Please contact <a href="mailto:EpiDataRequest@health.nyc.gov">EpiDataRequest@health.nyc.gov</a>

<b>NEIGHBORHOODS</b>							
<b>Recoded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>		<b>Prior years</b>	<b>NOTES</b>
imputed_neighpovgroup4_1418	<i>Neighborhood poverty; percent of zip code population living below 100% FPL per American Community Survey, 2014-2018</i>	--	fixzip	1= 0 - <10% (low pov)	1,493	2002-04: neighpovgroup4_2000	Standard Agency area-based poverty measure, based on % of population in respondent's zip code living below 100% FPL per American Community Survey 2014-2018, with imputation of missing cases.
				2=10 - <20%	3,717	2005-09: neighpovgroup4_0711	
				3=20 - <30%	2,272	2010: neighpovgroup4_0711	Updated definition where zip codes with zero poverty denominator or missing zip code were imputed
				4=30 - <100% (very hi)	1,321	2011-2012: neighpovgroup4_0711	
						2013: neighpovgroup4_0812	Respondents with missing zip code were imputed.
						2014: neighpovgroup4_0913	
						2015: neighpovgroup4_1014	
						2016: imputed_neighpovgroup4_1115	
						2017: imputed_neighpovgroup4_1216	
						2018: imputed_neighpovgroup4_1317	

NUTRITION							
Recorded variable	Question	Raw Name	Source	Frequencies (unweighted)		Prior years	NOTES
nutrition46	About how many cups of fruit did you eat yesterday? One cup of fruit would equal one large orange, 8 large strawberries, or 1 medium pear.	nutrition46	Q11.1	0 – 50 .d= Don't know .r=Refused	8,668 109 26	2002-2017: -- 2018: nutrition46	Continuous
nutrition47	About how many cups of vegetables did you eat yesterday? One cup of vegetables would equal 12 baby carrots, 1 large raw tomato, or 1 large ear of corn.	nutrition47	Q11.2	0 – 50 .d= Don't know .r=Refused	8,653 129 21	2002-2017: -- 2018: nutrition47	Continuous
fruitveg19	<i>Total servings of fruit and/or vegetables eaten yesterday did you eat yesterday?</i>	--	nutrition46, nutrition47	1= None 2= 1-4 servings 3= ≥5 servings .d=Don't know .r=Refused . =Missing	824 6,470 1,270 36 8 195	2002: fruitveg 2003: -- 2004: fruitveg 2005-2007: -- 2008-2016: fruitveg 2017: fruitveg17 2018: fruitveg18	Categorical.  Asked differently since 2017
twoplussoda	<i>Drink two or more sodas per day</i>	--	nsodaperday19	1= ≥2 sodas 2 = <2 sodas .d=Don't know .r=Refused . = Missing	420 8,318 57 6 2	2002-2004: -- 2005: twoplussoda 2006: -- 2007-2018: twoplussoda	Recommend twoplussoda for comparing '05 v '07-'19
nsugardrinkperday19	How often do you drink other sweetened drinks like sweetened iced tea, sports drinks, fruit punch or other fruit-flavored drinks? Do not include diet soda, sugar free drinks, or 100% juice. <i>Standardized to per day (continuous)</i>	nutrition15	Q11.4	0 – 23 .d=Don't know .r=Refused . = Missing	8,722 70 9 2	2002-2006: -- 2007: nsugardrinkperday 2008: nsugardrinkperday08 2009: nsugardrinkperday09 2010: nsugardrinkperday10 2011: nsugardrinkperday11 2012: nsugardrinkperday12 2013: nsugardrinkperday13 2014: nsugardrinkperday14 2015: nsugardrinkperday15 2016: nsugardrinkperday16 2017: nsugardrinkperday17 2018: nsugardrinkperday18	

NUTRITION						
Recoded variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
avgsugarperday19	<i>Average number of other sugar-sweetened beverages per day</i>	--	nsugardrinkperday19	1= None 5,330 2= <1 (more than none) 2,282 3= One 593 4= >1 517 .d=Don't know 70 .r=Refused 9 . = Missing 2	2002-2006: -- 2007: avgsugarperday07 2008: avgsugarperday08 2009: avgsugarperday09 2010: avgsugarperday10 2011: avgsugarperday11 2012: avgsugarperday12 2013: avgsugarperday13 2014: avgsugarperday14 2015: avgsugarperday15 2016: avgsugarperday16 2017: avgsugarperday17 2018: avgsugarperday18	Response options in 2005 not directly comparable to '07-'19
nsodasugarperday19	<i>Number of soda and other sugar sweetened beverages consumed. Standardized to per day (continuous)</i>	--	nsodaperday19, nsugardrinkperday19	0 – 20 8,714 .d=Don't know 11 .r=Refused 0 . = Missing 78	2002-2006: -- 2007: nsugardrinkperday 2008: nsugardrinkperday08 2009: nsugardrinkperday09 2010: nsugardrinkperday10 2011: nsugardrinkperday11 2012: nsugardrinkperday12 2013: nsugardrinkperday13 2014: nsugardrinkperday14 2015: nsugardrinkperday15 2016: nsugardrinkperday16 2017: nsugardrinkperday17 2018: nsugardrinkperday18	
avgsodasugarperday19	<i>Average number of sodas plus sweetened drinks per day (categorical)</i>	--	nsodasugarperday19	1= None 3,970 2= <1 (more than none) 2,962 3= One 473 4= >1 1,309 .d=Don't know 11 .r=Refused 0 . = Missing 78	2002-2006: -- 2007: avgsodasugarperday07 2008: avgsodasugarperday08 2009: avgsodasugarperday09 2010: avgsodasugarperday10 2011: avgsodasugarperday11 2012: avgsodasugarperday12 2013: avgsodasugarperday13 2014: avgsodasugarperday14 2015: avgsodasugarperday15 2016: avgsodasugarperday16 2017: avgsodasugarperday17 2018: avgsodasugarperday18	Response options in 2005 not directly comparable to '07-'19

NUTRITION							
Recoded variable	Question	Raw Name	Source	Frequencies (unweighted)		Prior years	NOTES
ssb	<i>Consumes one or more sugar sweetened beverages (soda + other sweetened drinks) on average per day</i>	--	nsodasugar ardrinkperday19	1=Yes 2=No .d=Don't know .r=Refused . = Missing	1,782 6,932 11 0 78	2002-2006: -- 2007-2018 ssb	
npresweetenedperday19_q1	<i>Number of pre-sweetened drink (e.g., coffee or tea drinks from places like Starbucks, Dunkin Donuts, or McDonalds) consumed. Standardized to per day (continuous)</i>	nutrition49	Q11.5	0 – 20 .d=Don't know .r=Refused . = Missing/not asked	4,289 23 3 4,488	2002-2018: --	New in 2019  Version 1 only. Analysis requires special survey strata (strata_q1) and weight (wt20_dual_q1)
avgpresweetenedperday19_q1	Average pre-sweetened drink per day	nutrition49	Q11.5	1= None 2= <1 (more than none) 3= One 4= >1 .d=Don't know .r=Refused . = Missing	2,948 961 266 114 23 3 4,488	2002-2018: --	New in 2019  Version 1 only. Analysis requires special survey strata (strata_q1) and weight (wt20_dual_q1)

PHYSICAL ACTIVITY						
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
exercise19	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?	activity1	Q12.1	1= Yes 6,605 2= No 2,193 .d= Don't know 3 .r= Refused 2	2002-04: exercise 2005: exercise05 2006-07: -- 2008: exercise 2009: exercise09 2010: exercise10 2011: exercise11 2012: exercise12 2013: exercise13 2014: exercise14 2015: exercise15 2016: exercise16 2017: exercise17 2018: exercise18	
cyclingfreq	In the past 12 months, how often have you ridden a bicycle in one of the five boroughs of New York City? Would you say once a week or more, several times a month, at least once a month, a few times a year, or never?	activity57	Q12.2	1=Once a week or more 649 2=Several times a month 341 3=At least once a month 283 4=A few times a year 758 5=Never 6,616 6=[Vol] physically unable 131 .d=Don't know 17 .r=Refused 8	2002-2011:-- 2012-2014: cyclingfreq 2015: -- 2016-2018: cyclingfreq	
cycling19	In the past 12 months, how often have you ridden a bicycle in one of the five boroughs of New York City? Would you say once a week or more, several times a month, at least once a month, a few times a year, or never?	activity57	Q12.2	1= Several times a month 990 2=At least once a month 283 3=A few times a year 758 4=[Vol] physically unable 131 5= Never 6,616 .d= Don't know 17 .r=Refused 8	2002-06: -- 2007: cycling 2008: -- 2009: cycling09 2010: cycling10 2011: cycling11 2012: cycling12 2013: cycling13 2014: cycling14 2015: -- 2016: cycling16 2017: cycling17 2018: cycling18	2007-2011 response options differ.

<b>DISABILITIES AND COGNITIVE DECLINE</b>						
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
difficultdailyact	Do you have any difficulty performing your daily activities because of any physical, mental, or emotional problems?	disable9	Q13.1	1= Yes 1,489 2= No 7,274 .d= Don't know 21 .r= Refused 19	2002-2018: --	New in 2019
assistdevice	Do you use any assistive devices, such as a cane, a wheelchair, an adapted bed, or a hearing assistive telephone because of a health condition?	disable10	Q13.2	1= Yes 1,191 2= No 7,601 .d= Don't know 5 .r= Refused 6	2002-2018: --	New in 2019
meddevice	Do you regularly use any medical devices at home that are important to health and require electricity to run?	disable11	Q13.3	1= Yes 600 2= No 8,192 .d= Don't know 6 .r= Refused 5	2002-2018: --	New in 2019
unpaidcare	The next question is about care you might provide to someone. At any time in the last 12 months, did you provide unpaid care to an <u>adult</u> relative or friend who has trouble taking care of themselves?	care1	Q13.4	1= Yes 2,242 2= No 6,536 .d= Don't know 18 .r= Refused 7 .=Missing/Not asked 0	2002-2017: -- 2018: unpaidcare_q1	
cogdecline	During the past 12 months, have you experienced confusion or memory loss that is happening more often or is getting worse?	cogdec1	Q13.5	1= Yes 746 2= No 4,203 .d= Don't know 40 .r= Refused 9 .=Missing/Not aske 3,805	2002-2018: --	New in 2019  Among adults aged 45 or older
discusscogdec	Have you or anyone else discussed your confusion or memory loss with a health care professional? [Among those who have experienced confusion or memory loss that is happening more often or is getting worse in past 12 months]	cogdec2	Q13.6	1= Yes 338 2= No 406 .d= Don't know 2 .r= Refused 0 .=Missing/Not asked 8,057	2002-2018: --	New in 2019  Among adults aged 45 or older



IMMUNIZATIONS						
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
fluvaccineshot	During the past 12 months, have you had a flu shot in your arm or a flu vaccine that was sprayed in your nose?	immuniz10	Q14.1	1=Yes 4,433 2=No 4,291 .d=Don't know 74 .r=Refused 5	2002-2005: flushot 2006-2018: fluvaccineshot	Question wording changed over time
everhepavaccine	The hepatitis A vaccine is given in two shots, usually spaced at least 6 months apart. It is often given to children starting at 1 year of age, and to adults and people who travel outside the United States or are at high risk of becoming infected. It has only been available since 1995. Have you ever received the hepatitis A vaccine?	immuniz28	Q14.2	1=Yes 3,189 2=No 3,953 3=Don't know 1,651 .r=Refused 10	2002-2018: --	New in 2019, keep DK as a response option
hepashots	How many hepatitis A shots have you received? Would you say one shot, two shots, more than two shots or are you not sure? [Among those who have received the hepatitis A vaccine]	immuniz29	Q14.3	1=One shot 450 2=Two shots 986 3=More than two shots 405 4=Don't know 1,344 .r=Refused 4 .s=Missing/Not asked 5,614	2002-2018: --	New in 2019, keep DK as a response option

CANCER SCREENING						
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
hadmammogram	A mammogram is an x-ray of each breast to look for breast cancer. Have you ever had a mammogram?	female1 age40new	Q15.1	1=Yes 3,007 2=No 267 .d=Don't know 9 .r=Refused 0 . =Missing/Not asked 5,520	2002: hadmammogram 2003: -- 2004-10: hadmammogram 2011-2012: hadmammogram 2013: -- 2014: hadmammogram 2015-2018: --	Among women >= 40yrs
timemammogram19	How long has it been since your last mammogram?	female1; female9 age40new	Q15.2	1=Never 267 2=<1year 1,621 3= 1- <2 years 701 4= 2- <3 years 266 5=3- <5 years 178 6= 5+ years 211 .d=Don't know 29 .r=Refused 1 . =Missing/Not asked 5,529	2002: timemammogram 2003: -- 2004: timemammogram 2005: timemammogram05 2006: timemammogram06 2007: timemammogram07 2008: timemammogram08 2009: timemammogram09 2010: timemammogram10 2011:-- 2012: timemammogram12 2013: -- 2014: timemammogram14 2015-2018: --	Among women >= 40yrs
mammogram1yr19	Had mammogram less than one year ago?	female1; female9 age40new	Q15.2	1=Yes 1,621 2=No 1,623 .d=Don't know 38 .r=Refused 1 . =Missing/Not asked 5,520	2002: mammogram1yr 2003: -- 2004: mammogram1yr 2005: mammogram1yr05 2006: mammogram1yr06 2007: mammogram1yr07 2008: mammogram1yr08 2009: mammogram1yr09 2010: mammogram1yr10 2011: -- 2012: mammogram1yr12 2013: -- 2014: mammogram1yr14 2015-2018: --	Among women >= 40yrs

<b>CANCER SCREENING</b>						
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
mammogram2yr19	Had mammogram less than two years ago?	female1; female9 age40new	Q15.2	1=Yes 2,322 2=No 922 .d=Don't know 38 .r=Refused 1 . =Missing/Not asked 5,520	2002: mammogram2yr 2003-2004: mammogram2yr 2005: mammogram2yr05 2006: mammogram2yr06 2007: mammogram2yr07 2008: mammogram2yr08 2009: mammogram2yr09 2010: mammogram2yr10 2011-2013: -- 2014: mammogram2yr14 2015-2018: --	Among women >= 40yrs
evercolon19	Colonoscopy is an exam 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 a colonoscopy?	sigmoid7	Q15.3; age50up	1=Yes 3,301 2=No 955 .d=Don't know 19 .r=Refused 2 . =Missing/Not asked 4,526	2002: -- 2003: evercolon03 2004: evercolon04 2005: evercolon05 2006: evercolon06 2007: evercolon07 2008: evercolon08 2009: evercolon09 2010: evercolon10 2011: evercolon11 2012: evercolon12 2013: evercolon13 2014: evercolon14 2015: evercolon15 2016: evercolon16 2017: evercolon17 2018: evercolon18	Denominator is adults 50+ yrs  Question wording modified from '03; using caution when comparing '03 vs. '08  Age-adjustment weight: age50up

CANCER SCREENING						
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
colonoscopy10yr19	When was your most recent colonoscopy performed?	sigmoid11	Q15.4; sigmoid7; age50up; sigmoid11	1=Less than10 yrs ago 3,023 2=Never or ≥10yr 1,174 .d=Don't know 76 .r=Refused 4 . = Missing/Not asked 4,526	2002: colonoscopy10yr 2003: colonoscopy10yr 2004: colonoscopy10yr 2005: colonoscopy10yr05i 2006: colonoscopy10yr 2007: colonoscopy10yr07 2008: colonoscopy10yr08 2009: colonoscopy10yr09 2010: colonoscopy10yr10 2011: colonoscopy10yr11 2012: colonoscopy10yr12 2013: colonoscopy10yr13 2014: colonoscopy10yr14 2015: colonoscopy10yr15 2016: colonoscopy10yr16 2017: colonoscopy10yr17 2018: colonoscopy10yr18	Denominator is persons 50+ yrs  Age-adjustment weight: age50up
evercolon19_45	<i>See evercolon16</i>	sigmoid7	demog1; sigmoid7; age45up	1=Yes 3,533 2=No 1,442 .d=Don't know 19 .r=Refused 4 . = Missing/Not asked 3,805	2002-2006: -- 2007: evercolon07_45 2008: evercolon08_45 2009: evercolon09_45 2010: evercolon10_45 2011: evercolon11_45 2012: evercolon12_45 2013: evercolon13_45 2014: evercolon14_45 2015: evercolon15_45 2016: evercolon16_45 2017: evercolon17_45 2018: evercolon18_45	Denominator is persons 45+ yrs  Age-adjustment weight: age45up
colonoscopy10yr_45	<i>See colonoscopy10yr19</i>	sigmoid11	demog1 sigmoid7; age45up	1=≤10 yrs ago 3,227 2=Never or >10yrs 1,686 .d=Don't know 79 .r= Refused 6 . = Missing/Not asked 3,805	2002-2006: -- 2007-2018: colonoscopy10yr_45	Denominator is persons 45+ yrs  Age-adjustment weight: age45up

HIV TESTING						
Recoded Variable	Question	Raw Name	Source	Frequency (unweighted)	Prior years	NOTES
hiv12months19	Have you had an HIV test in the last 12 months?	hiv18	Q16.1	1=Yes 2,730 2=No 5,887 .d=Don't know 180 .r=Refused 6	2002: -- 2003: hiv6 2004: -- 2005: hiv12months05 2006: hiv12months06 2007: hiv12months07 2008: hiv12months08 2009: hiv12months09 2010: hiv12months10 2011: hiv12months11 2012: hiv12months12 2013: hiv12months13 2014: hiv12months14 2015: hiv12months15 2016: hiv12months16 2017: hiv12months17 2018: hiv12months18	Question wording differs in '05/'06 v. '07-'09
everhivtest19	Have you ever had an HIV test?	hiv19	Q16.2; hiv18	1=Yes 5,608 2=No 2,919 .d=Don't know 266 .r=Refused 10	2002-04: -- 2005: everhivtest05 2006: -- 2007: everhivtest07 2008: everhivtest08 2009: everhivtest09 2010: everhivtest10 2011: everhivtest11 2012: everhivtest12 2013: everhivtest13 2014: everhivtest14 2015: everhivtest15 2016: everhivtest16 2017: everhivtest17 2018: everhivtest18	Question wording changed over time and response coding/level changed.  In 2002 and 2004 question restricted to 18-64 year olds.

<b>SEXUAL BEHAVIOR</b>						
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
sexbehav_active19	<i>Sexual behavior, past 12 months</i>	sex21, sex32 sex40, sex43	Q17.1f , Q17.2f, Q17.1m, Q17.2m	1=Homosexual 276 2=Bisexual 108 3=Heterosexual 4,923 4=Incomplete info 37 . =Missing/Not sexually active 3,459	2002: -- 2003: sexbehav_active 2004: sexbehav_active 2005: sexbehav_active 2006: sexbehav_active 2007: sexbehav_active07 2008: sexbehav_active08 2009: sexbehav_active09 2010: sexbehav_active10 2011: sexbehav_active11 2012: sexbehav_active12 2013: sexbehav_active13 2014: sexbehav_active14 2015: sexbehav_active15 2016: sexbehav_active16 2017: sexbehav_active17 2018: sexbehav_active18	Denominator is all sexually active
sexuallyactive19	<i>Sexually active in past 12 months</i>	--	sexbehav_active19	1=Yes 5,344 2=No 2,711 . =Missing/Not asked 748	2002: -- 2003: sexuallyactive 2004: sexuallyactive 2005: sexuallyactive 2006: sexuallyactive06 2007: sexuallyactive07 2008: sexuallyactive08 2009: sexuallyactive09 2010: sexuallyactive10 2011: sexuallyactive11 2012: sexuallyactive12 2013: sexuallyactive13 2014: sexuallyactive14 2015: sexuallyactive15 2016: sexuallyactive16 2017: sexuallyactive17 2018: imputed sexuallyactive18	Question wording modified across years  In 2002 question restricted to 18-64yrs  Respondents with missing were imputed.

<b>SEXUAL BEHAVIOR</b>						
<b>Recoded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
sexpartner	<i>Number of male and female sex partners in the past 12 months</i>	--	sex21, sex43, sex32, sex40	1=None 2,711 2=One 4,302 3=Two 417 4=Three or more 625 . = Missing/Not asked 748	2002: -- 2003-2016: sexpartner 2017-2018: imputed_sexpartner	Question wording modified across years  In 2002 question restricted to 18-64yrs  Missing values were imputed.
wsw	<i>Women who have sex with women, past 12 months</i>	sex32, sex21	Q19.7f Q19.1f demog72	1=Yes 145 2=No 2,490 . =Missing/Not asked 6,168	2002: -- 2003-2018: wsw	WSW: denominator is sexually active women In 2002 question restricted to 18-64yrs
wswexclusive	<i>Women who have sex with women, exclusively in past 12 months</i>	sex32, sex21	Q19.7f Q19.1f demog72	1=Yes 72 2=No 2,578 . =Missing/Not asked 6,153	2002: -- 2003-2018: wswexclusive	Denominator is sexually active women In 2002 question restricted to 18-64yrs
msm	<i>Men who have sex with men, past 12 months</i>	sex43, sex40	Q19.2m Q19.1m demog72	1=Yes 244 2=No 2,433 . =Missing/Not asked 6,126	2002: -- 2003-2018: msm	MSM: denominator is sexually active men In 2002 question restricted to 18-64yrs
msmexclusive	<i>Men who have sex with men, exclusively in past 12 months</i>	sex43, sex40	Q19.2m, Q19.1m demog72	1=Yes 204 2=No 2,485 . =Missing/Not asked 6,114	2002: -- 2003-2018: msmexclusive	Question wording modified across years Denominator is sexually active men In 2002 question restricted to 18-64yrs

SEXUAL BEHAVIOR						
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
condom19	<i>The last time you had sex, did you use a condom? Among all sexually active</i>	sex60, sex98, sex45, sex46	Q19.2f, Q19.3m, Q19.4m, Q19.5m	1=Yes 1,504 2=No 3,712 .d=Don't know 20 .r=Refused 33 . =Missing/Not asked 3,534	2002: -- 2003: condom03 2004: condomNOToral 2005: condom05 2006: condom06 2007: -- 2008: condom08 2009: condom09 2010: condom10 2011: condom11 2012: condom12 2013: condom13 2014: condom14 2015: condom15 2016: condom16 2017: condom17 2018: condom18	Among those sexually active in last 12 months. In 2007 condom use question was not asked of MSM exclusive so condomuse07 not directly comparable to any other years In 2002 question restricted to 18-64yrs
condomusetrend	<i>The last time you had sex, did you use a condom? Among sexually active 18-64 year olds who had sex with 1 or more partners of opposite sex in past 12 months</i>	--	sex60, sex45, sex46, sex98; msmexclusive, wswexclusive	1=Yes 1,351 2=No 3,061 .d=Don't know 18 .r=Refused 29 . =Missing/Not asked 4,344	2002-2018: condomusetrend	Denominator is persons <b>18-64 yrs</b> who had sex with $\geq 1$ partner of opposite sex in past 12 months
analsex	In the past 12 months, have you had anal sex?	sex61, sex68	Q19.5f, sex21; Q19.8m, sex40, sex43	1=Yes 505 2=No 4,679 .d=Don't know 22 .r=Refused 63 . =Missing/Not asked 3,534	2002-2006: -- 2007: analsex 2008: -- 2009-2018: analsex	Denominator is WSM and MSWM
analsexcondomuse19	In the past 12 months, when you have had anal sex have you or your partner used a condom?	sex92, sex93	Q19.6f (sex92), Q19.9m (sex93)	1=Yes 183 2=No 319 .d=Don't know 1 .r=Refused 2 . =Missing/Not asked 8,298	2002-2014: -- 2015: analsexcondomuse15 2016: analsexcondomuse16 2017: analsexcondomuse17 2018: analsexcondomuse18	Denominator is those report anal sex  Response options changed



<b>SEXUAL BEHAVIOR</b>						
<b>Recorded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
bthcntrltype19	<i>Type of birth control used at last vaginal sex (EXCLUDES condoms)</i>	--	otherbc1_19, otherbc2_19, otherbc3_19, otherbc4_19, otherbc5m_19, otherbc5f_19, otherbc6_19, otherbc7_19	1=No contraception 2,525 2=Pill only 437 3=Pill + other methods (incl. shots, vaginal ring, patch, IUD/Implace, EC) 10 4= Shots, vaginal ring, or patch 96 5=IUD or implant 344 6=EC 23 7=Other 72 8=Sterilization 50 .=Missing/not asked. 5,246	2002-2012:-- 2013-2014: bthcntrltype 2015: -- 2016: bthcntrltype16 2017: bthcntrltype17 2018: bthcntrltype18	Denominator is women 18-45 and men 18-65 with at least one opposite sex partner  Categories DO NOT include condom use  Not comparable to 2013, 2014
bthcntrllastsex19	<i>Any birth control at last sex (includes condom use)</i>	--	condom19, otherbcnotcon dom, bthcntrltype 19	1=Yes 2,026 2=No 1,594 .=Missing/Not asked 5,183	2002-2012: -- 2013-2014: bthcntrllastsex 2015 :-- 2016: bthcntrllastsex16 2017: bthcntrllastsex17 2018: bthcntrllastsex18	Denominator is women 18-45 and men 18-65 with at least one opposite sex partner  Includes condom use  Comparable to 2013, 2014
analstdtest	<i>Anal or rectal STD test in past 12 months (among WSM and MSWM)</i>	sex111, sex113	Q17.10m, Q17.8f	1=Had anal STD test in past 12 months 141 2=Did not have anal STD test in past 12 months 354 3=Did not have receptive anal in past 12 months 3 .d=Don't know 7 .=Missing/Not asked 8,298	2002-2018: --	New in 2019
reprodcare	<i>Was there a time in the past 12 months when you needed contraception or abortion services but did not get it? (among sexually active women &lt;=45 yrs)</i>	sex112	Q17.10f	1=Yes 30 2=No 1,563 .d=Don't know 3 .r=Refused 2 .=Missing/Not asked 7,205	2002-2018: --	New in 2019

ALCOHOL						
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES
drinker	<i>Consumed at least one alcohol drink in past 30 days</i>	drink9	Q18.1	1=Yes 4,855 2=No 3,855 .d=Don't know 71 .r=Refused 22	2002-05: drinker 2006: -- 2007-18: drinker	Values for none/ no drinks have changed over time
daysalc30	A drink of alcohol is 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail, or 1 shot of liquor. During the past 30 days, how many days per week or per month did you have at least 1 drink of any alcoholic beverage? STANDARDIZED TO PER MONTH	drink9	Q18.1	0 – 30.1 8,710 .d=Don't know 71 .r=Refused 22	2002-05: daysalc30 2006:-- 2007-18: daysalc30	Continuous measure standardized to days per month

ALCOHOL							
Recoded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES	
averagedrink19	On the days when you drank, about how many drinks did you drink on average? Standardized to average number of drinks per day in last 30 days)	drink5	Q18.2; drink9	0 – 33.3 .d=Don't know .r=Refused . = Missing	8,665 39 6 93	2002-04: averagedrink 2005: averagedrink05 2006: -- 2007: averagedrink07 2008: averagedrink08 2009: averagedrink09 2010: averagedrink10 2011: averagedrink11 2012: averagedrink12 2013: averagedrink13 2014: averagedrink14 2015: averagedrink15 2016: averagedrink16 2017: averagedrink17 2018: averagedrink18	
heavydrink19	<i>Heavy drinking defined as men having &gt;2 drinks per day or women having &gt;1 drink per day</i>	--	averagedrink18; drinker; birthsex	1=Yes 2=No . =Missing	432 8,203 168	2002-04: heavydrink 2005: heavydrink05 2006: -- 2007: heavydrink07 2008: heavydrink08 2009: heavydrink09 2010: heavydrink10 2011: heavydrink11 2012: heavydrink12 2013: heavydrink13 2014: heavydrink14 2015: heavydrink15 2016: heavydrink16 2017: heavydrink17 2018: heavydrink18	
bingenew	During the past 30 days had [men: 5 or more drinks on one occasion ] [women: 4 or more drinks on one occasion]	drink10	Q18.3; drinker	1=Yes 2=No .d=Don't know .r=Refused	1,444 7,197 132 30	2002-2010: not comparable 2011-2018: bingenew	Change to question in 2011, among women asked 4 or more drinks on one occasion.



<b>TRAFFIC SAFETY</b>						
<b>Recoded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequency (unweighted)</b>	<b>Prior years</b>	<b>NOTES</b>
nycdriver19_q1	In the past 30 days, on how many days did you drive a car or motor vehicle in one of the five boroughs of New York City?	traffic4	Q19.1	1=Yes 1,892 2=No 2,396 .d=Don't know 19 .r=Refused 9 . =Missing/Not asked 4,487	2002-2014: -- 2015-2016: nycdriver 2017-2018:--	Question was only asked in Version 1  Analysis requires special survey strata (strata_q1) and weight (wt20_dual_q1)
drivefreq19_q1	Driver frequency in past 30 days (among drivers only).	traffic4	Q19.1	1=1 to 4 days 359 2=5 to 9 days 226 3=10 to 19 days 245 4=20 to 29 days 327 5=30 days 735 .d=Don't know 19 .r=Refused 9 . =Missing/Not asked 6,883	2002-2014: -- 2015-2016: drivefreq 2017-2018:--	Question was only asked in Version 1  Analysis requires special survey strata (strata_q1) and weight (wt20_dual_q1)
drivefreq_all19_q1	Driver frequency in past 30 days (among all).	traffic4	Q19.1	1=0 day 2,396 2=1 to 4 days 359 3=5 to 9 days 226 4=10 to 19 days 245 5=20 to 29 days 327 6=30 days 735 .d=Don't know 19 .r=Refused 9 . =Missing/Not asked 4,487	2002-2014: -- 2015-2016: drivefreq_all 2017-2018:--	Question was only asked in Version 1  Analysis requires special survey strata (strata_q1) and weight (wt20_dual_q1)

TRAFFIC SAFETY							
Recoded Variable	Question	Raw Name	Source	Frequency (unweighted)	Prior years	NOTES	
drivefreq3_all19_q1	Driver frequency in past 30 days, 3 levels (among all).	traffic4	Q19.1	1=0 day 2=1 to 29 days 3=30 days .d=Don't know .r=Refused .s=Missing/Not asked	2,396 1,157 735 19 9 4,487	2002-2014:-- 2015-2016: drivefreq3_all1 2017-2018:--	Question was only asked in Version 1  Analysis requires special survey strata (strata_q1) and weight (wt20_dual_q1)
everspeed_q1	In the past 30 days, when you drove in one of the five boroughs (READ IF NEEDED: of New York City), how often did you drive 10 miles per hour or more over the posted speed limit? Would you say...	traffic5	Q19.2	1=Yes 2=No .d=Don't know .r=Refused .s=Missing/Not asked	1,202 674 12 4 6,911	2002-2014:-- 2015-2016: everspeed 2017-2018:--	Question was only asked in Version 1  Analysis requires special survey strata (strata_q1) and weight (wt20_dual_q1)
speedfreq_q1	In the past 30 days, when you drove in one of the five boroughs (of New York City), how often did you drive 10 miles per hour or more over the posted speed limit? (Among drivers only).	traffic5	Q19.2	1=Often 2=Sometimes 3=Rarely 4=Never .d=Don't know .r=Refused .s=Missing/Not asked	219 374 609 674 12 4 6,911	2002-2014:-- 2015-2016: speedfreq 2017-2018:--	Question was only asked in Version 1  Analysis requires special survey strata (strata_q1) and weight (wt20_dual_q1)
evermessage_q1	In the past 30 days, when you drove in one of the five boroughs (READ IF NEEDED: of New York City), how often have you read or sent a text message or email while you were driving? Would you say...	traffic6	Q19.3	1=Yes 2=No .d=Don't know .r=Refused .s=Missing/Not asked	471 1,415 1 5 6,911	2002-2014:-- 2015-2016: evermessage 2017-2018:--	Question was only asked in Version 1  Analysis requires special survey strata (strata_q1) and weight (wt20_dual_q1)

TRAFFIC SAFETY						
Recoded Variable	Question	Raw Name	Source	Frequency (unweighted)	Prior years	NOTES
messagefreq_q1	In the past 30 days, when you drove in one of the five boroughs (of New York City), how often have you read or sent a text message or email while you were driving? (among drivers only).	traffic6	Q19.3	1=Often 41 2=Sometimes 101 3=Rarely 329 4=Never 1,415 .d=Don't know 1 .r=Refused 5 .=Missing/Not asked 6,911	2002-2014:-- 2015-2016: messagefreq 2017-2018:--	Question was only asked in Version 1  Analysis requires special survey strata (strata_q1) and weight (wt20_dual_q1)

<b>SEXUAL ASSAULT</b>							
<b>Recoded Variable</b>	<b>Question</b>	<b>Raw Name</b>	<b>Source</b>	<b>Frequencies (unweighted)</b>		<b>Prior years</b>	<b>NOTES</b>
sexasltouch	Has anyone ever touched sexual parts of your body – after you said or showed that you didn’t want them to, or without your consent- such as being kissed in a sexual way or having your sexual body parts fondled or grabbed?	sexaslt1	Q20.1	1=Yes 2=No .d=Don’t know .r=Refused	1,372 7,242 19 170	2002-2018:--	New in 2019
sexasltrape	Has anyone ever forced you into any type of unwanted oral, vaginal, or anal sex? This includes times when you were unable to consent, for example, you were drunk or asleep, or you thought you would be hurt or punished if you refused.	sexasl2	Q20.2	1=Yes 2=No .d=Don’t know .r=Refused	686 7,942 16 159	2002-2018:--	New in 2019
dvscreen	Has a doctor or other health professional ever asked you about conflict in your relationship, such as whether you have been hit or hurt or forced into a sexual act by an intimate partner?	domest5	Q20.3	1=Yes 2=No .d=Don’t know .r=Refused	1,051 7,621 54 77	2002-2007:-- 2008: dvscreen 2009-2018:--	



ADMINISTRATIVE							
Recorded Variable	Question	Raw Name	Source	Frequencies (unweighted)	Prior years	NOTES	
survey	<i>Survey number</i>	--	BES	19	8,803	2002-2018: survey	
strata	<i>Stratification/nesting variable for analysis</i>	--	ABT/SBRI	--	8,803	2002-18: strata	Strata is defined differently in 2002; 2003-2008; 2009-2015 and 2016-2018, but this variable should be used for all years of the survey as defined in each year
strata_q1	<i>Stratification/nesting variable for analysis of only asked in long questionnaire</i>	--	ABT/SBRI	--	4,316	2002-17: -- 2018: strata_q1	Restrict analysis to qxvers=1
cid	<i>Unique identifier across all years of CHS</i>	--	BES	continuous	8,803	2002-18: cid	
qxvers	<i>identifies which VERSION of the questionnaire the respondent received</i>	--	ABT/SBRI	1=Long VERSION (Version 1) 2=Short VERSION	4,316 4,487		Respondents were randomly selected to receive the long VERSION. Questions in the long version have “q1” suffix.
wt20_dual	<i>Survey weight for analysis of CHS 2019 data</i>	--	ABT/SBRI	--	8,803		
wt20_dual_q1	<i>Survey weight for analysis of CHS 2019 questions only asked in long questionnaire</i>	--	ABT/SBRI	--	4,316		Restrict analysis to qxvers=1
wt_compare	<i>Survey weight for analysis of CHS 2019 data when used to compare with other years</i>	--	wt20_dual	continuous	8,803	2002-18: wt_compare	Not for variables using weight “wt20_dual_q1”  Wt_compare is used as a dummy variable so that we can run t-test and test for trends in SUDAAN since SUDAAN can only have one variable in the WEIGHT statement.