

**World Trade Center Health Registry Downloadable Data Set Codebook**

<b>Group</b>	<b>Variable Name</b>	<b>Variable Label</b>	<b>Question</b>	<b>Answer</b>	<b>Note</b>
Demographic Variables	language3	Language of Interview- Collapsed	In what language was the interview administered?	1=English, 2= Spanish, 3=Chinese, 4= Other	
Demographic Variables	gender	Gender	What is the enrollee's sex?	1= Male 2= Female	
Demographic Variables	census_race	Race/Ethnicity	What is the enrollee's combined race/ethnicity?	1= White (non-Hispanic) 2=Black or African American (non-Hispanic) 3= Hispanic or Latino (any race) 4=Asian (includes Native Hawaiian/Pacific Islander) 5=Other	Race/ethnicity is categorized according to methods used in the 2000 U.S. Census.
Demographic Variables	age_911grp	Age Group on 9/11/01	What was the enrollee's age on 9/11/01?	1=< 18 years 2=18-24 years 3=25-44 years 4=45-64 years 5=65+ years	
Demographic Variables	mar_status	Marital Status	What was the enrollee's marital status at the time of interview?	1= Married 2=Not Married 3= Widowed 4= Divorced/Separated	Includes all enrollees aged 15 or older at the time of interview.
Demographic Variables	income_interview	Household Income	What was the enrollee's total household income in 2002 before taxes?	1= Less than \$25,000 2=\$25,000 to < \$75,000 3= \$75,000 to < \$150,000 4= \$150,000 or more	
Demographic Variables	educ	Education Level	What was the highest grade or year of school completed by the enrollee at the time of interview?	1= Grades Less than High School 2= High School or GED 3= Some College 4= College +	
Demographic Variables	employed_911	Employment Status on 9/11/01	Was the enrollee employed on 9/11/01?	1=Yes 2=No	Includes all enrollees older than 12 years on 9/11/01.
Demographic Variables	residence911	New York City Resident on 9/11/01	Was the enrollee a New York City resident on 9/11/01?	1= New York City Resident 2= Not New York City Resident but in TriState Area 3= Resident Outside TriState Area	
Exposure Variables	smkstatus_b	Smoking Status	What was the smoking status of the enrollee at the time of interview?	1= Never smoked 2= Former smoker 3= Current smoker	
Exposure Variables	any_injury	Injury on 9/11/01	Did the enrollee sustain at least one injury as a result of the World Trade Center attack?	1=Yes 2=No	Injuries included cuts, sprains, burns, broken bones and concussions but excluded eye injuries.
Health Variables	cough_nw	New or Worsening Cough	Did the enrollee report new onset or worsening of a persistent cough since 9/11/01?	1=Yes 2=No	
Health Variables	depression_nw	New or Worsening Depression	Did the enrollee report new onset or worsening depression, anxiety, or other emotional problems since 9/11/01?	1=Yes 2=No	
Health Variables	eye_nw	New or Worsening Eye Irritation	Did the enrollee report new onset or worsening of eye irritation since 9/11/01?	1=Yes 2=No	
Health Variables	headache_nw	New or Worsening Headache	Did the enrollee report new onset or worsening frequent, severe headaches since 9/11/01?	1=Yes 2=No	

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Health Variables	hearing_nw	New or Worsening Hearing	Did the enrollee report new onset or worsening of hearing problems or loss since 9/11/01?	1=Yes 2=No	
Health Variables	htburn_nw	New or Worsening Heartburn	Did the enrollee report new onset or worsening of heartburn since 9/11/01?	1=Yes 2=No	Conditions include heartburn, indigestion or reflux.
Health Variables	breath_nw	New or Worsening Shortness of Breath	Did the enrollee report new onset or worsening of shortness of breath since 9/11/01?	1=Yes 2=No	
Health Variables	skin_nw	New or Worsening Skin Problems	Did the enrollee report new onset or worsening of skin rash/irritation since 9/11/01?	1=Yes 2=No	
Health Variables	sinus_nw	New or Worsening Sinus Problems	Did the enrollee report new onset or worsening of sinus problems since 9/11/01?	1=Yes 2=No	Conditions include sinus problems, nose irritation or post-nasal irritation.
Health Variables	throat_nw	New or Worsening Throat Irritation	Did the enrollee report new onset or worsening of throat irritation since 9/11/01?	1=Yes 2=No	
Health Variables	wheeze_nw	New or Worsening Wheezing	Did the enrollee report a new onset or worsening of wheezing since 9/11/01?	1=Yes 2=No	
Health Variables	heart_disease_new	Heart Disease After 9/11	Did the enrollee report coronary heart disease diagnosed by a doctor or a health care professional since 9/11/01?	1=Yes 2=No	
Health Variables	hypertension_new	Hypertension After 9/11	Did the enrollee report new onset of hypertension diagnosed by a doctor or a health care professional since 9/11/01?	1=Yes 2=No	
Health Variables	heart_attack_new	Heart Attack After 9/11	Did the enrollee report a heart attack diagnosed by a doctor or a health care professional since 9/11/01?	1=Yes 2=No	A heart attack may be called myocardial infarction.
Health Variables	other_heart_new	Other Heart Problems After 9/11	Did the enrollee report other heart problems diagnosed by a doctor or a health care professional since 9/11/01?	1=Yes 2=No	Any heart problem other than coronary heart disease, hypertension, or heart attack.
Health Variables	stroke_new	Stroke After 9/11	Did the enrollee report a stroke diagnosed by a doctor or a health care professional since 9/11/01?	1=Yes 2=No	
Health Variables	diabetes_new	Diabetes After 9/11	Did the enrollee report new onset of diabetes diagnosed by a doctor or a health care professional since 9/11/01?	1=Yes 2=No	

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Health Variables	cancer_new	Cancer After 9/11	Did the enrollee report new onset of cancer or malignancy of any kind diagnosed by a doctor or a health care professional since 9/11/01?	1=Yes 2=No	
Health Variables	emphysema_new	Emphysema After 9/11	Did the enrollee report new onset of emphysema diagnosed by a doctor or a health care professional since 9/11/01?	1=Yes 2=No	
Health Variables	asthma_new	Asthma After 9/11	Did the enrollee report new onset of asthma diagnosed by a doctor or a health care professional since 9/11/01?	1=Yes 2=No	
Health Variables	pdi	Non-specific Psychological Distress	At the time of interview, did the enrollee indicate that he/she had symptoms of current, probable psychological distress?	1=Yes 2=No	Enrollees who answered questions about their emotional state and scored at least 13 out of a possible 24 points on the Kessler 6 scale, a standard mental health assessment tool.
Health Variables	prob_ptsd44	Probable Current PTSD	At the time of interview, did the enrollee indicate that he/she had symptoms of current, probable PTSD?	1=Yes 2=No	Enrollees who answered questions about their emotional state and scored at least 44 out of a possible 85 points on the PTSD screening scale (PCL-CV), a standard mental health assessment tool.
Exposure Variables	dust	Dust	Did the enrollee indicate that he/she was outdoors on 9/11/01 within the dust or debris cloud resulting from the collapse of the World Trade Center?	1=Yes 2=No	Enrollees may have had different interpretations of the dust or debris cloud.
Exposure Variables	horrific_events	Horrific Events Witnessed	How many horrific events did the enrollee report witnessing in person on 9/11/01?	1= No Events 2= Any Events	Horrific events were defined as: plane(s) hitting the WTC; collapse of building(s); people running away from a cloud of smoke; people injured or killed; and people falling or jumping from the towers.
Exposure Variables	evacres_911	Evacuated home	Did the enrollee report evacuating his/her home as a result of the World Trade Center collapse?	1=Yes 2=No	
Exposure Variables	return_home	Returned to Live South of Canal	If the enrollee evacuated his/her home south of Canal Street following the collapse of the World Trade Center, did they return to live?	1=Yes 2=No	This includes only those who evacuated from a residence.
Exposure Variables	return_live	Time before returning home	How many days was it before the enrollee returned to his/her home south of Canal Street?	1= Never Returned 2=Less than 7 Days 3= 8 Days to 3 Months 4= More than 3 Months	This includes only those who evacuated from a residence.

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Exposure Variables	evac	Evacuated from Building	Did the enrollee report evacuating from a building or area south of Chambers Street on 9/11/01 as a result of the World Trade Center collapse?	1=Yes 2=No	This includes those present who evacuated from a building.
Exposure Variables	retchamb_todec	Returned to work in 2001	Did the enrollee return to work between 9/12/01 and 12/31/01?	1=Yes 2=No	This includes enrollees 12 years or older on 9/11/01 who usually worked south of Chambers Street.
Exposure Variables	workchamb_911	Worked below Chambers Street	Did the enrollee usually work south of Chambers Street?	1=Yes 2=No	This includes enrollees 12 years or older on 9/11/01.
Exposure Variables	work_pile	Worked on the WTC 'Pile'	Did the enrollee ever work on the 'Pile' at the World Trade Center site ("Ground Zero")?	1=Yes 2=No	The 'Pile' refers to the smoldering debris left behind by the collapse of the WTC.
Exposure Variables	resp_pile911	Wearing a mask on the 'Pile' on 9/11	If the enrollee reported working on the 'Pile', how often did he/she wear a mask?	1= All of the time 2= Most of the time 3= Sometimes 4= Not at all	The 'Pile' refers to the smoldering debris left behind by the collapse of the WTC. This includes only those who worked on the WTC 'Pile'.
Exposure Variables	resp_pile912	Wearing a mask on the 'Pile' on 9/12	If the enrollee reported working on the 'Pile' on 9/12/01, how often did he/she wear a mask?	1= All of the time 2= Most of the time 3= Sometimes 4= Not at all	The 'Pile' refers to the smoldering debris left behind by the collapse of the WTC.
Exposure Variables	resp_sep13_17	Wearing a mask on the 'Pile' between 9/13-9/17	If the enrollee reported working on the 'Pile' between 09/13/01-09/17/01, how often did he/she wear a mask?	1= All of the time 2= Most of the time 3= Sometimes 4= Not at all	The 'Pile' refers to the smoldering debris left behind by the collapse of the WTC.
Exposure Variables	resp_sep18_dec31	Wearing a mask on the 'Pile' between 9/18-12/31	If the enrollee reported working on the 'Pile' between 09/18/01-12/31/01, how often did he/she wear a mask?	1= All of the time 2= Most of the time 3= Sometimes 4= Not at all	The 'Pile' refers to the smoldering debris left behind by the collapse of the WTC.
Exposure Variables	resp_jan1	Wearing a mask on the 'Pile' after 1/01/2002	If the enrollee reported working on the 'Pile' after 01/01/02, how often did he/she wear a mask?	1= All of the time 2= Most of the time 3= Sometimes 4= Not at all	The 'Pile' refers to the smoldering debris left behind by the collapse of the WTC.
Enrollee Category	resident_e	Lived South of Canal Street on 9/11/2001	Did the enrollee report living south of Canal Street on 9/11/01?	1=Yes 2=No	Residents may not have been present in Lower Manhattan on 9/11/01.
Enrollee Category	worker_e	Rescue, Recovery, Cleanup Workers at WTC, SI and /or Barge Sites	Did the enrollee report working at least one shift or volunteering at a World Trade Center site between 9/11/01 and 6/30/02?	1=Yes 2=No	These enrollees worked at one or more of the 3 WTC sites: Ground Zero, the Staten Island recovery operation facilities, or the barges. Workers and volunteers may not have been present in Lower Manhattan on 9/11/01.
Enrollee Category	occ_trans_e	Individuals South of Chambers Street between 1st Plane Impact and Noon on 9/11/01	Did the enrollee report being present south of Chambers Street on 9/11/01 between the time of first plane impact and noon?	1=Yes 2=No	This includes residents, rescue/recovery workers and volunteers, students, school staff, office workers, commuters, visitors and others present south of Chambers Street on 9/11/01
Enrollee Category	student_e	Children enrolled in a school south of Canal Street on 9/11/01	Did the enrollee report being enrolled in a school south of Canal Street on 9/11/01?	1=Yes 2=No	Students who were enrolled in day care or schools pre-K through 12th grade. May not have been present in Lower Manhattan on 9/11/01.

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Enrollee Category	staff_e	Staff employed in schools south of Canal Street on 9/11/01	Did the enrollee report being a staff employed in schools south of Canal Street on 9/11/01?	1=Yes 2=No	School staff who were employed in day care or schools pre-K through 12th grade. May not have been present in Lower Manhattan on 9/11/01.
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