

# DATA SNAPSHOT

# **UNDERSTANDING THE HEALTH IMPACT OF 9/11**

NEW YORK CITY DEPARTMENT OF HEALTH AND MENTAL HYGIENE

**APRIL 2004 VOLUME 1, NO 3** 

# THE WTCHR QUARTERLY ENROLLMENT UPDATE DATA THROUGH WEDNESDAY, MARCH 31, 2004

This report is the third in a series that provides updates on characteristics of people who have enrolled in the WTC Health Registry. This report shows information on the proportion of people reporting various exposures. It summarizes the completed telephone interviews of 29,085 people, conducted from September 5, 2003 to March 31, 2004. Interviews will continue until August 2004. Criteria for enrolling in the WTC Health Registry include:

- People who were in a building, on the street, or on the subway south of Chambers Street on September 11, 2001
- People involved in the rescue, recovery, cleanup and other activities at the WTC site and/or WTC Recovery Operations on Staten Island any time between September 11, 2001 and June 30, 2002
- People who were living south of Canal Street on September 11, 2001
- Children enrolled in schools (pre K-12<sup>th</sup> grade) or day care centers south of Canal Street on September 11, 2001
- Staff employed or volunteering at schools (pre K-12<sup>th</sup> grade) or day care centers south of Canal Street on September 11, 2001.

People who believe they are in the groups listed above can enroll by calling the registry's toll-free number: 1-866-NYC-WTCHR (866-692-9827) or they can provide their contact information

through **wtcregistry.org**. People living in New York City can also call 311 for information.

The following figures present information about place of residence, age, gender, race/ ethnicity, education, income, and exposure of the 29,085 enrollees in the WTC Health Registry through March 31, 2004. Some figures do not include information on school children and school staff because the numbers enrolled so far are small.

#### **CHARTS AND FIGURES**

- Figure 1. National Map of Enrollees' Place of Residence on 9/11
- Figure 2. Local Map of Enrollees' Place of Residence on 9/11
- Figure 3. Proportion of People Enrolled in the WTC Health Registry by Exposure Category
- Figure 4. Gender and Age of Enrollees
- Figure 5. Race/Ethnicity of Enrollees
- Figure 6. Education of Adult Enrollees
- Figure 7. Household Income of Enrollees
- Figure 8. Dust Cloud Exposure Among Enrollees South of Chambers Street on 9/11
- Figure 9. Number of Residents who Evacuated by the Week They Returned Home
- Figure 10. Rescue, Recovery, and/or Cleanup Enrollees' Place of Work





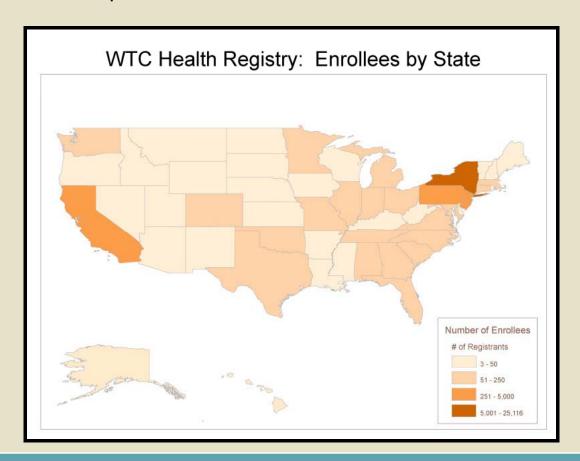
## INFORMATION ON ENROLLEES' PLACES OF RESIDENCE

Figures 1 and 2 are maps that show the number of people enrolled in the WTC Health Registry through March 31, 2004 by their place of residence on September 11, 2001. **Figure 1** presents the data on the national level and **Figure 2** presents data on those enrollees whose residency was in the vicinity of New York City.

Some important points on the residency of enrollees from **Figure 1** are:

- All states are represented in the WTC Health Registry.
- The majority of enrollees were residents of New York State on September 11, 2001 (N=21,803).
- The most frequently represented states outside of New York are New Jersey (N=3,024), Pennsylvania (N=331), California (N=288), Connecticut (N=209), and Florida (N=200).

Figure 1. National Map of Enrollees' Place of Residence on 9/11



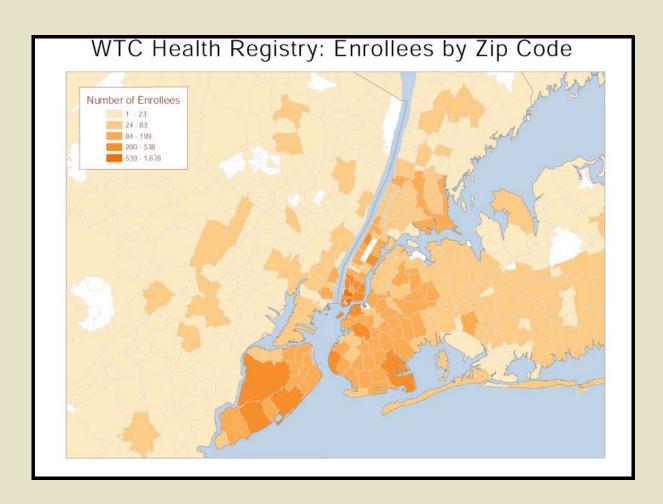




Important statistics on the local residence of enrollees from **Figure 2** are:

- The majority of zip codes in the vicinity of New York City are represented in the WTC Health Registry.
- 17,792 enrollees were residents of New York City on September 11, 2001.
- All five boroughs of New York City are represented in the WTC Health Registry. 8,227 enrollees lived in the borough of Manhattan on 9/11, 3,768 lived in Brooklyn, 2,783 lived in Queens, 1,687 lived on Staten Island, and 1,327 lived in the Bronx.

Figure 2. Local Map of Enrollees' Place of Residence on 9/11



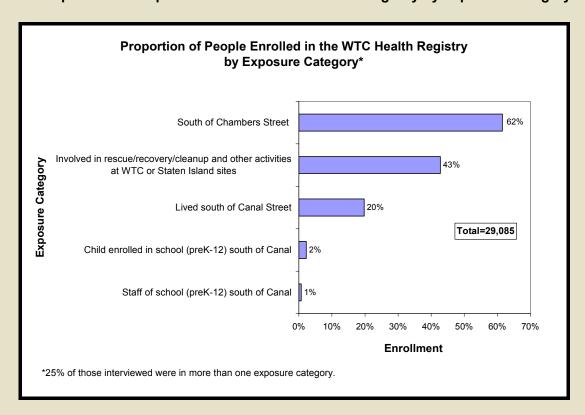




#### INFORMATION ON EXPOSURE GROUPS BY ELIGIBILITY

Enrollees are eligible because they were exposed to 9/11 by living, working or attending school near the WTC site or because they were involved in disaster-related or cleanup activities at the WTC site or recovery operations on Staten Island. Many enrollees were exposed in more than one way. **Figure 3** is a chart displaying the percent of enrollees who report each exposure category.

Figure 3. Proportion of People Enrolled in the WTC Health Registry by Exposure Category





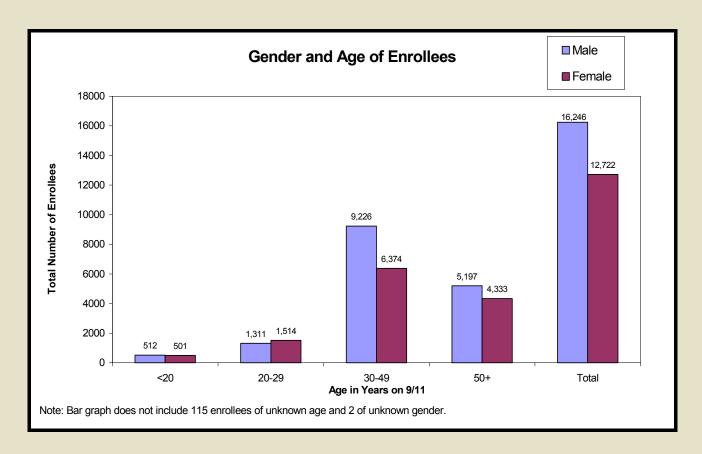


## DEMOGRAPHIC CHARACTERISTICS OF WTC HEALTH REGISTRY

Figures 4, 5, 6, and 7 provide information about gender, age group, race and ethnicity, education, and income of the 29,085 people enrolled in the WTC Health Registry through March 31, 2004.

**Figure 4** shows the gender and age group of enrollees. Among all enrollees, 56% are male and 44% are female.

Figure 4. Gender and Age of Enrollees



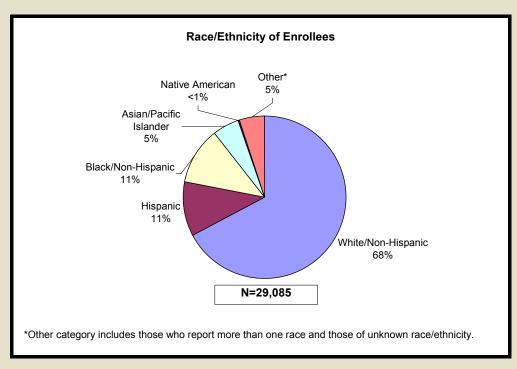




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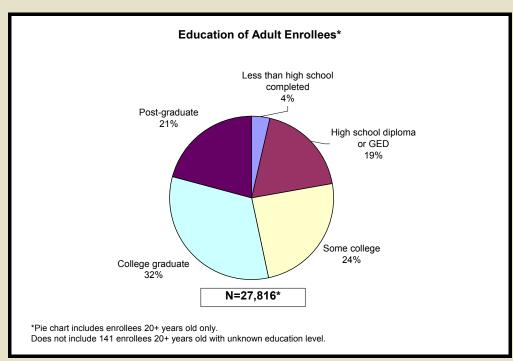
### Figure 5. Race/ Ethnicity of Enrollees

The majority of enrollees reported their race/ ethnicity as White non-Hispanic (68%), followed by Hispanic (11%) and Black non-Hispanic (11%).



# Figure 6. Education of Adult Enrollees

More than threequarters of enrollees have had some college education, have graduated from college, or have a post-graduate degree.

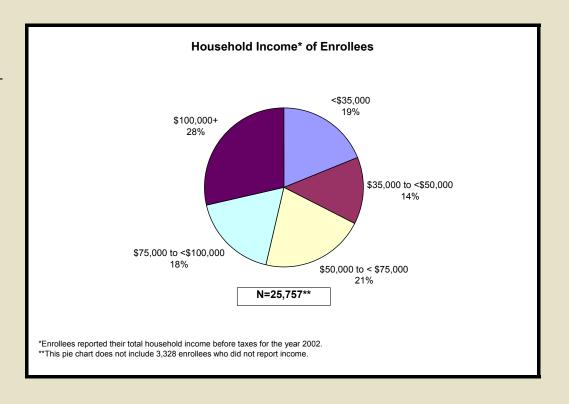






# Figure 7. Household Income of Enrollees

Among enrollees reporting income, eight out of ten (81%) had a total household income of \$35,000 or more for the tax year 2002.



## GENERAL INFORMATION ABOUT SEPTEMBER 11TH EVENTS

Figures 8 through 10 on the following pages show some general information from enrollees about how they were exposed to the WTC disaster and its aftermath.

**Figure 8** shows the dust cloud exposure among enrollees who were south of Chambers Street on 9/11. For this graph, each enrollee is counted only once, and people who fit into more than one exposure group are assigned to one group in the following order:

- Involved in activities at the WTC site and Staten Island recovery operations
- Residents
- Other persons south of Chambers Street on 9/11

**Figure 9** shows by week the number of residents who returned to their homes following evacuation. Some residents never evacuated; they are not shown on this graph.

**Figure 10** shows the work location of enrollees involved in the rescue, recovery, cleanup, and other disaster-related activities.





Figure 8. Dust Cloud Exposure Among Enrollees South of Chambers Street on 9/11

Most enrollees who were south of Chambers Street on 9/11 reported that they were in the dust/debris cloud resulting from the collapse of the WTC Towers.

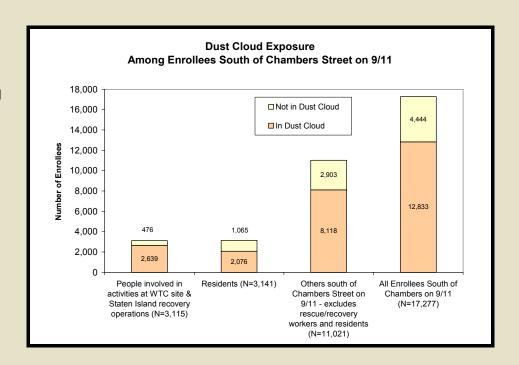
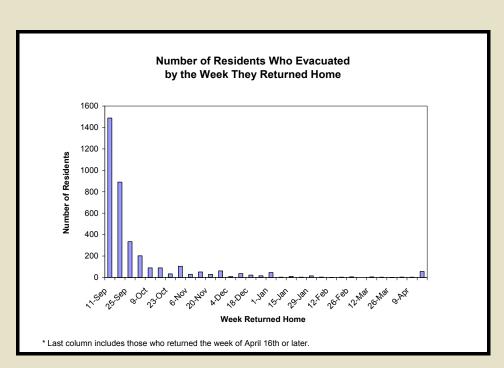


Figure 9. Number of Residents Who Evacuated by the Week They Returned Home

Among the 5,747 enrollees living south of Canal Street on 9/11, 4,058 (71%) evacuated their homes. Among these 4,058 evacuees, 3,722 (92%) returned home after evacuating. Of these residents, 1,422 returned the first week and 890 returned the second week.



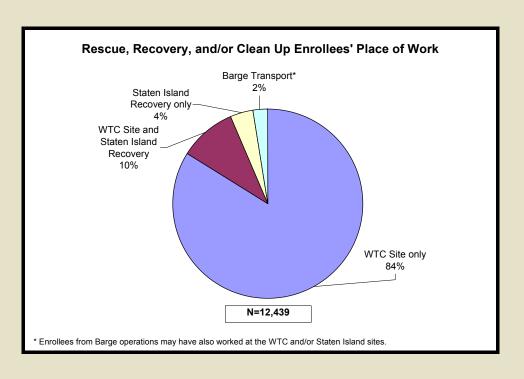




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Figure 10. Rescue, Recovery, and/or Cleanup Enrollees' Place of Work

Most rescue, recovery, and/ or cleanup workers were located at the WTC site, followed by workers at the WTC site and Staten Island, then workers on Staten Island and then workers involved in transporting material by barge.





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