

Fourth Annual Report on Homeless Deaths
New York City Department of Health and Mental Hygiene
Bureau of Vital Statistics
Local Law 63 of 2005
July 1, 2008 – June 30, 2009

Summary. For the current (fourth annual) reporting period July 1, 2008 through June 30, 2009, the NYC Department of Homeless Services (DHS), NYC Department of Housing Preservation and Development (HPD) and the Office of Chief Medical Examiner (OCME) reported a total of 177 homeless deaths. The majority of deaths (51) in the current annual report occurred during the 14th quarter (October 1, 2008- December 31, 2008) The NYC Human Resources Administration (HRA) reported 49 homeless deaths. Due to confidentiality reasons, HRA data could not be assessed for potential duplication with deaths reported by the other agencies, or matched to death certificates. As a result, findings from the 2 groups of deaths are reported separately.

Among homeless decedents reported by DHS, HPD, and OCME during the current reporting period, most deaths (90%) were investigated by OCME, comparable to past annual reports. Men constituted 79% of deaths. More than half (53%) of homeless decedents were between the ages of 45 and 64. Forty-four percent were sheltered. The number of deaths among non-sheltered homeless has decreased slightly since the previous year's report, driving the decrease in the total number of homeless deaths. Among both sheltered and unsheltered decedents, the majority (54% and 42% respectively) died in hospitals. Overall, 19% of homeless decedents died *outdoors*, including 4% of sheltered homeless and 30% of non-sheltered homeless. Additionally, 19% of homeless deaths occurred in *other places*, including 8% of sheltered homeless and 28% of non-sheltered homeless. Refer to Table 1 for definitions of *outdoor* and *other place* deaths.

The leading cause of homeless deaths was diseases of the heart (22%) followed by overdose deaths (19%), similar to the previous annual report. The third leading cause of death was non-overdose accidents (15%), followed by mental disorders due to use of alcohol (6%). Three causes of death tied for fifth (3% each): malignant neoplasms; assault (homicide); and influenza and pneumonia. Of the 27 non-overdose accidents, three were due to exposure to excessive natural cold, while none were due to exposure to excessive natural heat.

Similar descriptions for borough of death, gender, and age were found for the 49 HRA reported homeless decedents. However, HRA does not provide cause of death information, as per LL63, due to laws protecting data confidentiality. Men comprised 69% of HRA decedents, and among men and women, most (79%) decedents were between the ages of 45 and 64. All 49 HRA-reported homeless decedents were sheltered within an HRA emergency residence. Of these, the most (61%) died at a shelter. Information on OCME investigations of HRA homeless deaths is not available.

Introduction. This report has been prepared and submitted pursuant to Local Law 63 of 2005 (LL63), amending the Administrative Code of the City of New York to track and report deaths of homeless persons in the City of New York. This report contains data provided by the NYC Office of Chief Medical Examiner (OCME), the NYC Department of Homeless Services (DHS), the NYC Department of Housing Preservation and Development (HPD), and the NYC Human Resources Administration (HRA) to the Department of Health and Mental Hygiene (DOHMH) throughout the annual period of July 1, 2008 – June 30, 2009.

DHS, HPD, and HRA maintain records on the homeless individuals for whom they provide temporary housing in New York City. OCME, responsible for investigating NYC deaths that are suspicious, unusual, violent, or criminal in nature, investigates some homeless deaths. Data presented herein were compiled from the agencies and matched against NYC death certificates and analyzed by the DOHMH Office of Vital Statistics.

Definitions. LL63 defines, a “homeless person” as “a person who at the time of death did not have a known street address of a residence at which he or she was known or reasonably believed to have resided.” A “homeless shelter resident” is “a person who at the time of death lived in a homeless shelter.” A “homeless shelter” is “(i) a residence operated by or on behalf of the Department of Homeless Services; (ii) an emergency residence operated by or on behalf of the Department of Social Services/Human Resources Administration which is available primarily for homeless persons with HIV or AIDS related illness; or (iii) a residence operated by or on behalf of the Department of Housing Preservation and Development to the extent that such residence houses clients of the Department of Homeless Services; provided, however that such term shall not include any residence that is available primarily for battered women.”

Outdoor and *other place* location of death categories are given in Table 1. *Outdoor* deaths occur on a sidewalk or street, on or near an expressway, near a building entrance, in a park area, encampment, vehicle, vacant lot, or on the bank or shore of or in a body of water. *Other place* deaths occur in a friend or family member’s apartment, on a subway platform, subway tracks or other locations within a train station, in an abandoned building, or in a public space in a public building.

Methods. Based on the definitions above, DHS, HPD, and OCME provided incident reports. These reports were validated and duplicates (i.e. when DHS cases are also OCME cases) were removed. HRA did not disclose any identifiable information on HRA homeless residents, per Article 27-F of the New York State Public Health Law, which prohibits disclosure of information that could reasonably identify someone as having an HIV-related illness or AIDS. As a result HRA homeless deaths cannot be distinguished from DHS, HPD and OCME deaths, and total NYC homeless deaths cannot be ascertained.

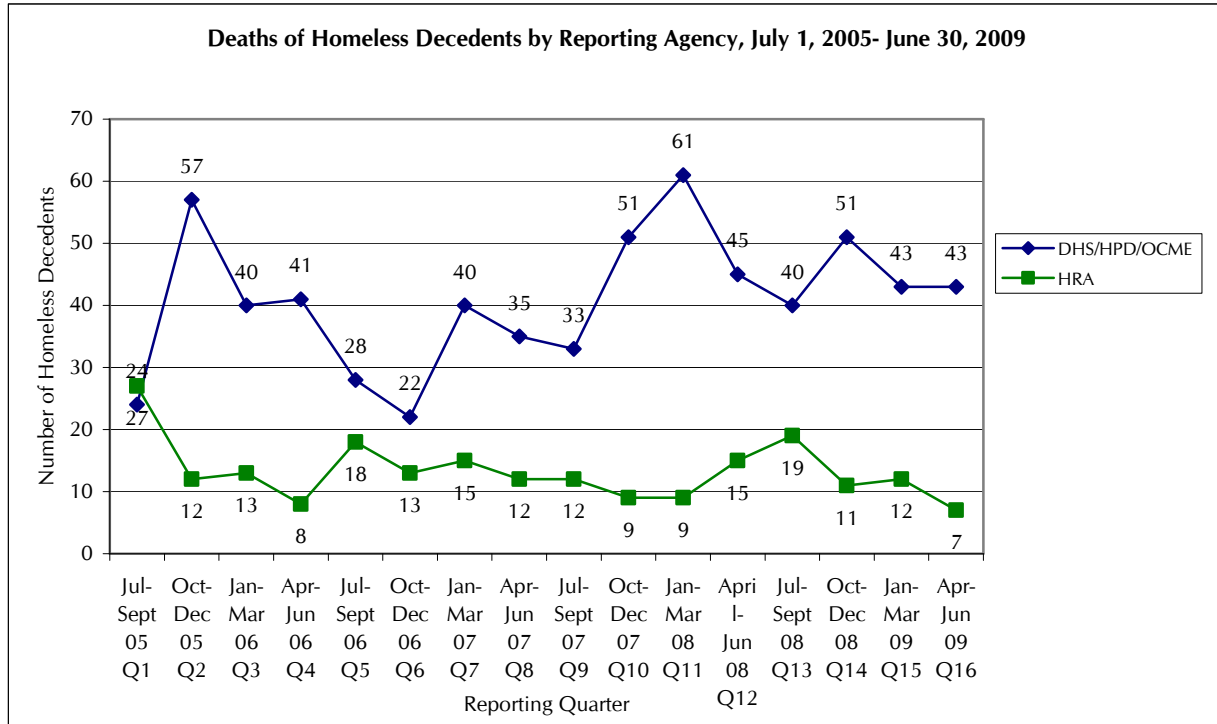
This report includes cases reported in the four quarterly reports during the period of July 1, 2008 - June 30, 2009. Case reports from DHS, HPD, OCME, and HRA were compiled. Because HRA cases remain anonymous, only DHS, HPD, and OCME case reports were matched against NYC DOHMH Vital Statistics death certificates. DOHMH followed up with agencies to obtain any missing data elements. Some cases may have been determined not to meet the LL63 homeless case definition. Such cases were removed from the annual report.

DEATHS OF HOMELESS SHELTERED AND NON-SHELTERED PERSONS

Reported Homeless Deaths

DHS, HPD, or OCME reported 177 homeless deaths between July 1, 2008 and June 30, 2009. HRA reported 49 homeless deaths (Table 2). Figure 1 displays deaths reported by quarter since the LL63 reporting period began (July 1, 2005 to June 30, 2009).

Figure 1.



OVERALL FINDINGS FOR THE FOURTH ANNUAL REPORTING PERIOD

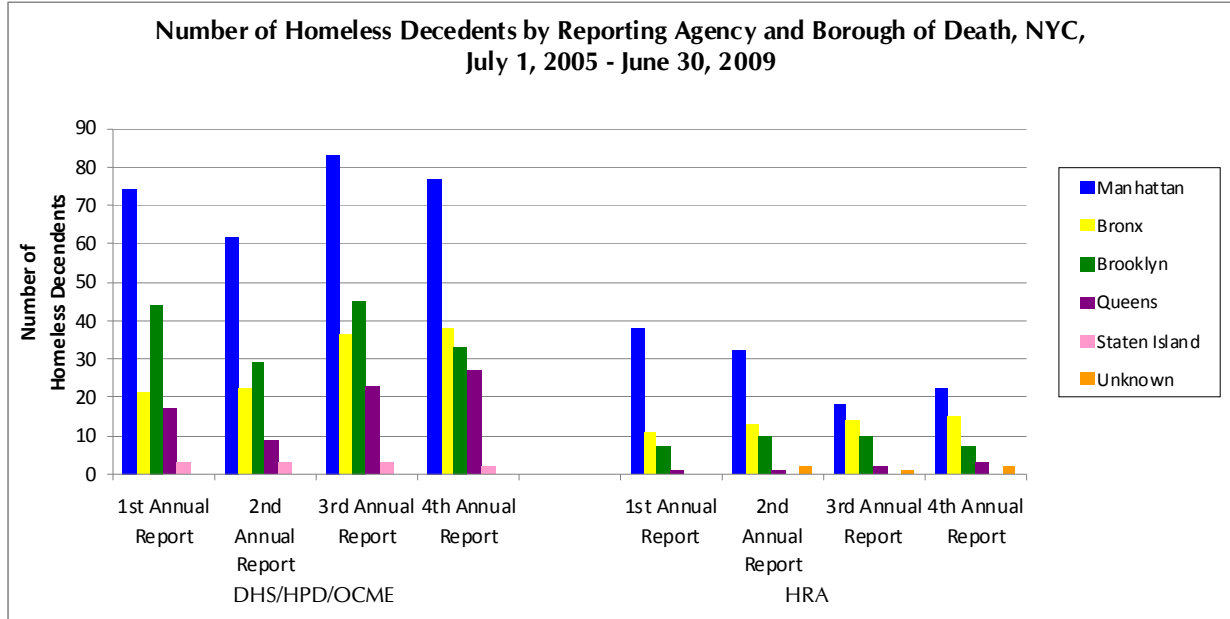
Among the 177 deaths reported by DHS, HPD, or OCME, 44% (77) occurred in Manhattan, 21% (38) in the Bronx, 19% (33) in Brooklyn, 15% (27) in Queens and 1% (2) in Staten Island (Table 2, Figure 2).

At the time of death, 44% (77) of the 177 decedents were sheltered and 56% (100) were non-sheltered (Table 2). Among the sheltered, 36% (28) were sheltered in Manhattan, 31% (24) were sheltered in the Bronx, 23% (18) were sheltered in Brooklyn, 9% (7) were sheltered in Queens, and none were sheltered in Staten Island (Table 3).

Among the sheltered decedents, the largest percentage (38%, 29 deaths) died in Manhattan followed by the Bronx (30%, 23 deaths), Brooklyn (22%, 17 deaths), Queens (9%, 7 deaths), and Staten Island (1%, 1 death). Among non-sheltered decedents, the largest percentage (48%, 48 deaths) died in Manhattan, followed by Queens (20%, 20 deaths), Brooklyn (16%, 16 deaths), the Bronx (15%, 15 deaths), and Staten Island (1%, 1 death) (Table 2).

Similar to DHS, HPD, and OCME sheltered homeless decedents, the most HRA sheltered homeless deaths (45%, 22) occurred in Manhattan followed by the Bronx (31%, 15 deaths), Brooklyn (14%, 7 deaths), Queens (6%, 3 deaths), and none in Staten Island. The borough of death for the two (4%) remaining HRA residents was reported as unknown (Figure 2).

Figure 2.



Overall, the OCME investigates the majority of homeless deaths: 90% (159) in the current report; 90% (146), 83% (104), and 91% (173) in first, second, and third annual reports respectively (Figure 3a). Among the 77 sheltered decedents, 81% (62) were investigated by OCME. Among the 100 non-sheltered decedents, the majority (97%) were investigated by OCME.

In the four years since reporting began, the percentage of homeless decedents who were sheltered has varied: 49% in the first report, 63% in the second, 37% in the third, and 44% in the current report (Figure 3b). However, the number of sheltered decedents has remained virtually constant with 79, 79, 70, and 77 deaths reported in the first, second, third, and current annual reports respectively.

The percentage and number of homeless decedents who were non-sheltered has varied over the past four reporting years: 51% (83) in the first report, 37% (46) in the second, 63% (120) in the third, and 56% (100) in the current report (Figure 3b). In this reporting year, the number (100) and percentage (56%) of non-sheltered decedents decreased, driving the decrease in overall homeless deaths.

Figure 3a.

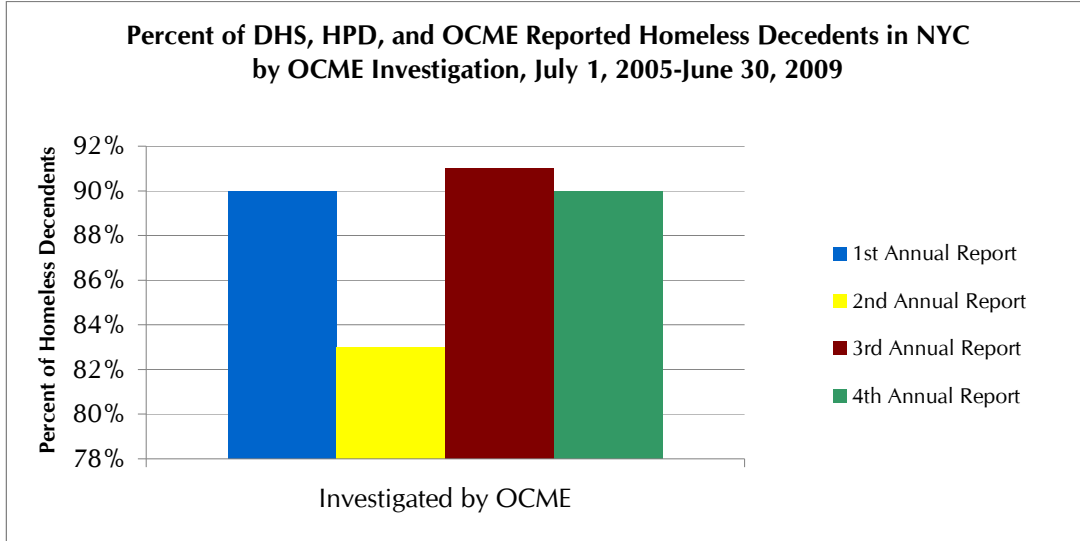
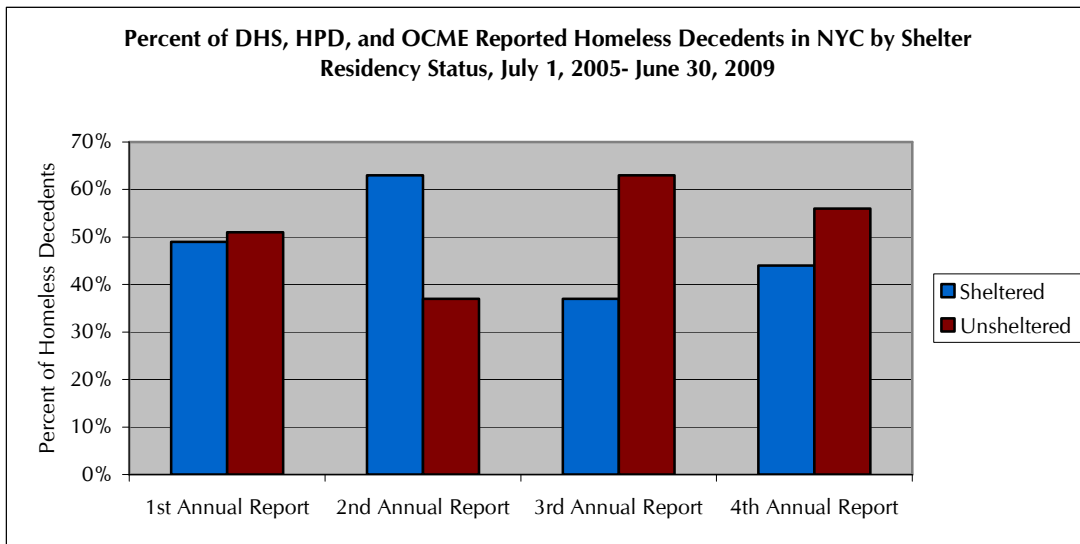


Figure 3b.



LOCATION OF DEATH FOR HOMELESS DECEDENTS

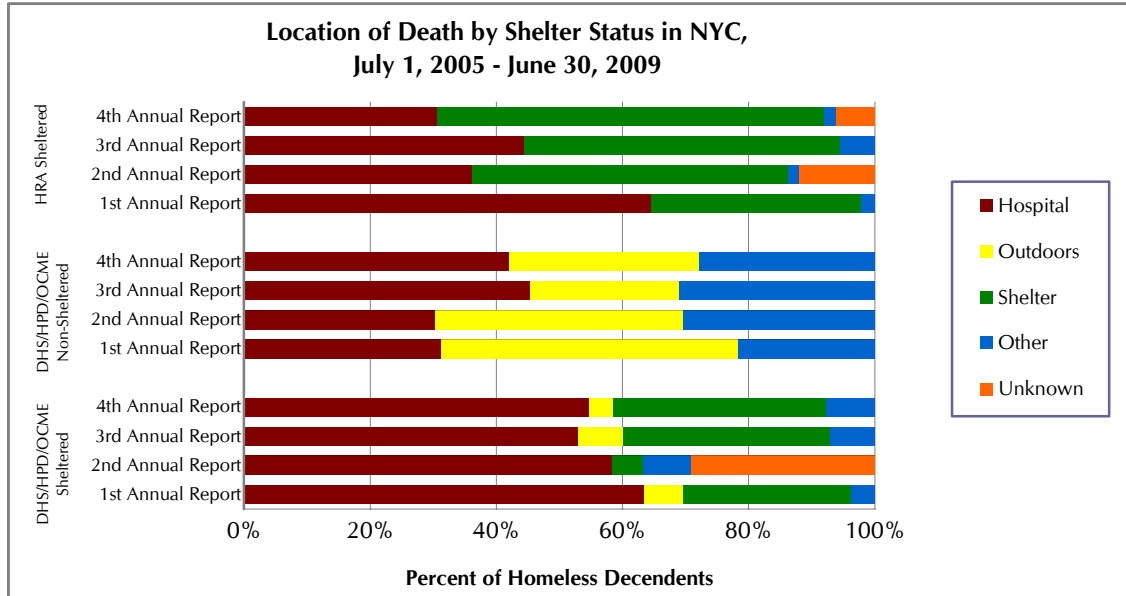
The locations (i.e., in a shelter, in a hospital, *outdoors*, or *other place*) of DHS, HPD, and OCME reported deaths, stratified by borough, community district, and shelter residency status are shown in Table 4a. Categories of *outdoor* and *other place* deaths are provided in Table 1. HRA reported homeless deaths stratified by location of death are presented separately in Table 4b by borough only, as required by LL63.

Location of Death among Homeless Non-Sheltered Individuals

In this report, 42% (42) of the 100 non-sheltered homeless died in hospitals, making hospitals the most common location of non-sheltered deaths (Table 4a, Figure 4). This represents a slight decrease from the third annual report in which 45% of deaths (54) occurred in hospitals, but an increase from the 31% (26) and 30% (14) reported in the first and second annual reports, respectively. The second most common (30%, 30 deaths) location for non-sheltered deaths was *outdoors*, followed by *other places* with 28% (28) of non-sheltered deaths.

Non-sheltered homeless decedents who died *outdoors* were found in park areas, encampments, in or near a body of water, in a vacant lot, in a vehicle, on the sidewalk or street, on loading docks and outside of churches and other buildings. Non-sheltered homeless decedents found in an *other place* were found in abandoned buildings, public spaces in buildings, apartments of friends or family, or at or near subway or train stations.

Figure 4.



Location of Death among Homeless Sheltered Individuals

Among the sheltered decedents, the majority (54%, 42 deaths) died in a hospital (Table 4a, Figure 4). Thirty-four percent (26) died in a shelter, 8% (6) died in an *other place*, and 4% (3) died *outdoors*. Of the three sheltered decedents who died *outdoors*, one was found inside a shed, one died was found on a highway, and one was found in a park. Among the six sheltered decedents that died in an *other place*, five died in a building (public, apartment, or abandoned) and one died on a subway train.

Among the 49 HRA reported homeless decedents, the largest proportion, 61% (30), died in shelters followed by 31% (15) in hospitals (Table 4b). The location of death for the remaining four deaths were reported as unknown (6%, 3 deaths) and *other* (2%, 1 death).

HOMELESS DECEDENTS' AGE AND GENDER BY BOROUGH AND COMMUNITY DISTRICT

In all 4 years of reporting, males age 45-64, followed by males age 25-44, rank as the first and second largest age-gender classes of homeless decedents. The third largest age-gender class has been females age 45-64 until the current report, in which males 65 years of age and older make up the third largest age-gender class. In the current report, males between the ages of 45 and 64 make up 45% (79) of homeless decedents followed by males ages 25-44 (19%, 33), males 65 and older (10%, 18), and females ages 25-44 and 45-64 (8%, 15 each) (Figure 5a/5b). Children under the age of 1 account for 6% (11) of homeless deaths. Children and young adults between the ages of 1 and 24 account for 3% (5), and females 65 years of age and older account for 1% (1) of homeless deaths. The age and gender distribution by borough and community district is found in Table 5a.

Among the 49 HRA homeless deaths, 69% (34) were male and 31% (15) were female. Twenty-two percent (11) were between 25 and 44 years, 71% (35) were between 45 and 64 years, and 6% (3) were 65 and older. These distributions have remained comparable over the four years of reporting. The age and gender distribution by borough is found in Table 5b.

Figure 5a.

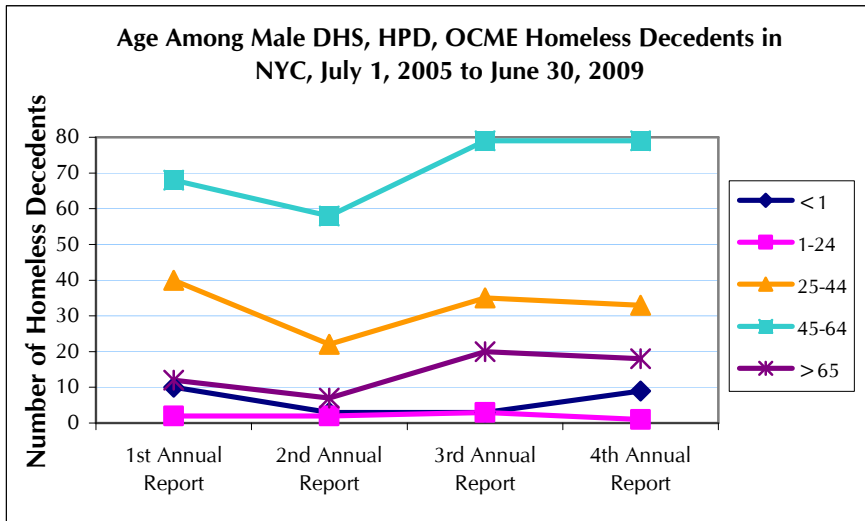
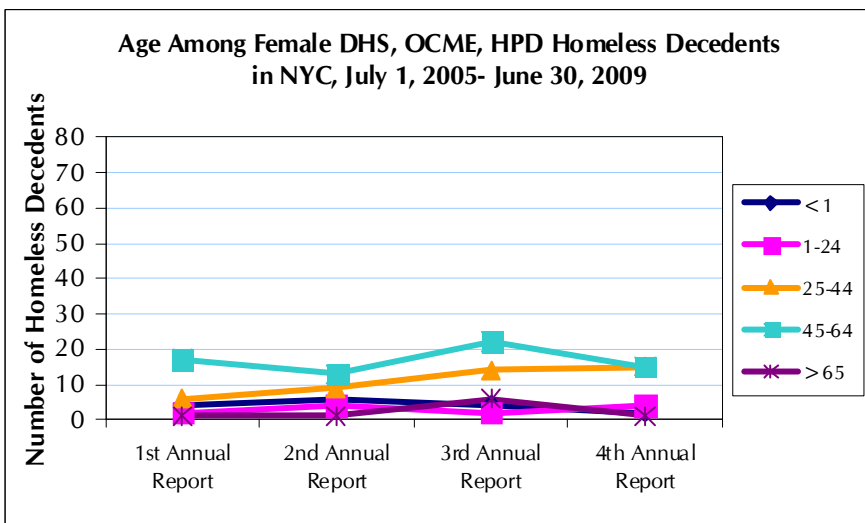


Figure 5b.

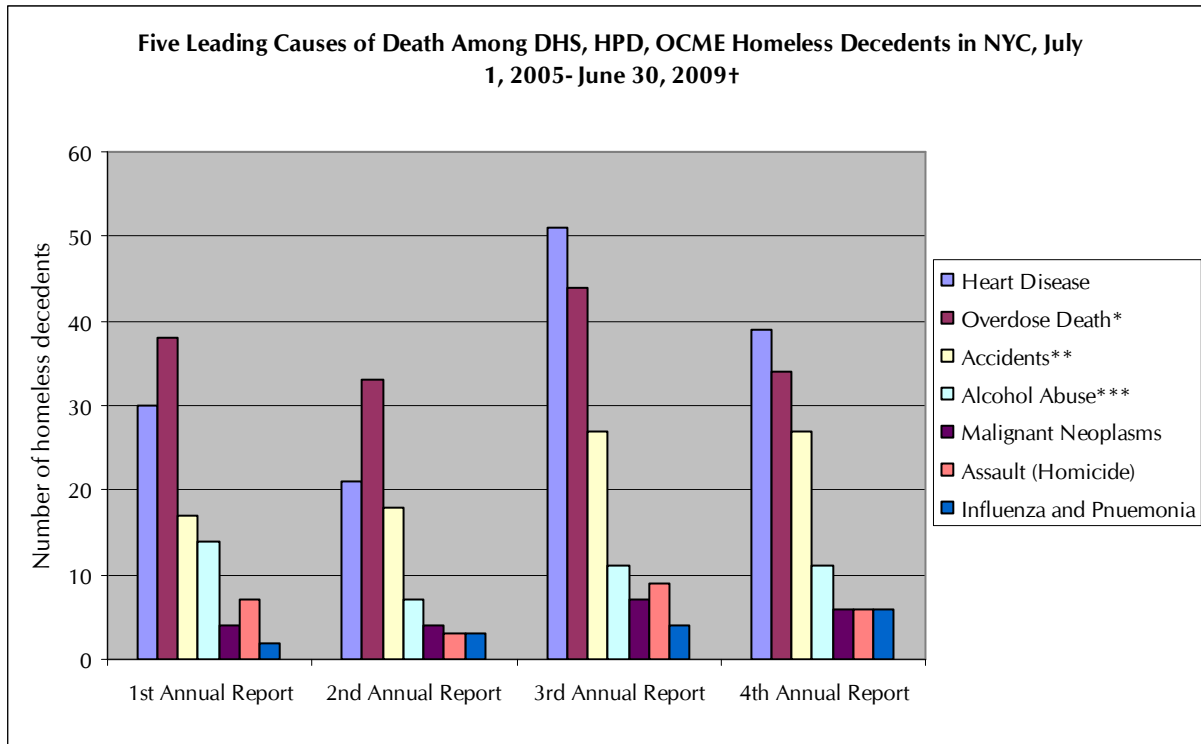


DHS, HPD, AND OCME HOMELESS DECEDENTS BY LEADING CAUSE OF DEATH

In the current annual report, the five leading causes of death accounted for 71% of all homeless deaths (Table 6a/b). Heart disease accounted for 22% (39 deaths: 30 male and 9 female) of deaths; overdose deaths accounted for 19% (34 deaths: 27 male and 7 female) of deaths; accidents accounted for 15% (27 deaths: 26 male and 1 female) of deaths; mental and behavioral disorders due to use of alcohol, also referred to as alcohol abuse, accounted for 6% (11 deaths: 10 male and 1 female) of deaths; and three causes of death each accounted for 3% of deaths (6 deaths each): malignant neoplasms; assault (homicide); and influenza and pneumonia. The overdose death category includes accidental and intentional overuse, or abuse of, illicit and/or therapeutic drugs. Additionally, the overdose death category, as well the alcohol abuse death category, includes mental and behavioral disorders which encompass acute intoxication, harmful use, dependence syndrome, and withdrawal state (Table 6a).

The five leading causes of death among homeless continue to differ from the five leading causes of death in NYC overall. In 2008, heart disease (39%) was the overall leading cause in NYC followed by malignant neoplasms (24%), influenza and pneumonia (4%), diabetes mellitus (3%), and chronic lower respiratory diseases (3%). As shown in Figure 6a, among homeless, heart disease was the leading cause of death followed by overdose death in the current report. This year, malignant neoplasms, assault (homicide) and influenza and pneumonia tied for the fifth leading cause of death. Leading cause of death information is found in Tables 6a to d.

Figure 6a.



* Mental and Behavior Disorders Due to the Use of, or Accidental Poisoning by, Psychoactive Substances Excluding Alcohol and Tobacco

** Excluding Accidental Drug Overdose

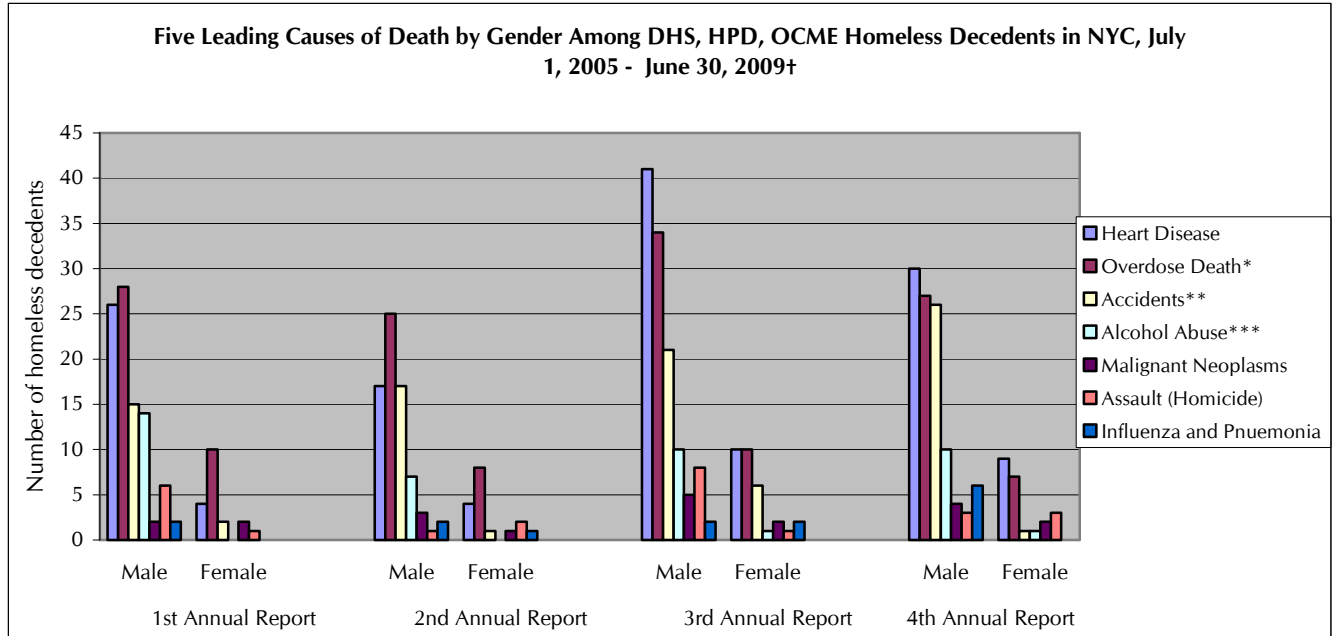
***Mental and Behavioral Disorders due to the Use of Alcohol

†Leading causes of death for each reporting year have been altered to reflect the current reporting year’s five leading causes.

Leading Causes of Death and Gender

Since reporting began in July 2005, the rank order of causes of male homeless deaths has reflected the leading causes of death among all homeless decedents (Figure 6b). However, the rank order for female homeless decedents – making up a smaller percentage of all homeless deaths - differs. Female homeless decedents died most often from heart disease (9), followed by overdose (7), then assault (homicide) (3). Four causes tied for the fourth leading cause of death among females, with two deaths from each of the following causes: malignant neoplasms, intentional self-harm (suicide), viral hepatitis, and pregnancy, childbirth and puerperium (Table 6a).

Figure 6b.



*Mental and Behavioral Disorders Due to the Use of, or Accidental Poisoning by, Psychoactive Substances Excluding Alcohol and Tobacco

** Excluding Accidental Drug Overdose

***Mental and Behavioral Disorders due to the Use of Alcohol

†Leading causes of death for each reporting year have been altered to reflect the current reporting year’s five leading causes.

Leading Causes of Death and Shelter Residency Status

The five leading causes of death differ by decedent shelter residency status. Among sheltered homeless decedents, the leading cause of death was overdose (19), followed by heart disease (18), accidents (7), assault (homicide) (3), and eight causes of death tied for the fifth leading cause of death with two deaths from each: malignant neoplasms; influenza and pneumonia; intentional self-harm (suicide); diabetes mellitus; viral hepatitis; pregnancy, childbirth and puerperium; congenital malformations and deformations; and chronic lower respiratory diseases. Among non-sheltered homeless, the leading cause of death was heart disease (21), followed by accidents (20), overdose deaths (15), and alcohol abuse (10). Malignant neoplasm deaths, more commonly seen among non-sheltered individuals than sheltered, tied with influenza and pneumonia deaths for the fifth leading cause with 4 deaths each (Table 6b).

Non-sheltered *outdoor* deaths were mainly due to heart disease (7), accidental poisoning and exposure to alcohol (4), alcohol abuse (4), overdose (3), and assault (homicide) (3), and other causes. Non-sheltered *other place* deaths were mainly due to overdose (7), heart disease (5), alcohol abuse (4), accidents (3; all were subway-related), and other causes. The remaining non-sheltered railway death (Table 6d) was pronounced dead in the hospital, rather than in an *other place*. Sheltered *other place*

deaths were due to overdose (3), accidental poisoning and exposure to alcohol (1), obesity (1), and one was certified as a death of undetermined intent. Sheltered *outdoor* deaths were due to heart disease (1), accidental poisoning and exposure to alcohol (1), and an accident (1).

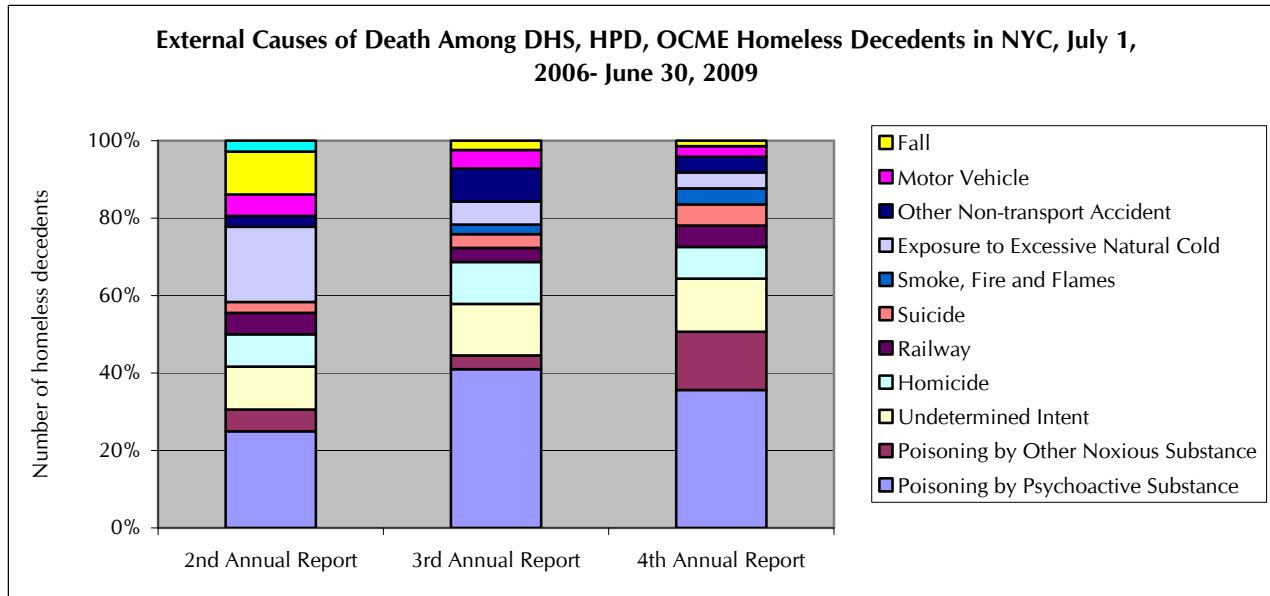
Leading Causes of Death among Homeless Infants

In the four years since reporting began, 41 homeless infant deaths were reported. All but one infant were sheltered; one infant was born to a mother whose shelter residency status was unclear*. All but two, deemed natural due to congenital malformations and deformations, were investigated by OCME. Among the 11 reported in this current reporting period, three were due to accidental suffocation and strangulation. Three deaths were certified as deaths of undetermined intent. Four causes resulted in one death each: other secondary pulmonary hypertension; neonatal cardiac dysrhythmia; assault (homicide); and congenital absence, atresia, and stenosis of jejunum. One died of an ill-defined and unspecified cause.

External Causes of Death among DHS, HPD, and OCME Homeless Persons

Forty-six (46), 35, 83, and 73 deaths due to external causes are reported in the first, second, third, and current annual reports. Among the 73 reported in this annual report, 36% (26) were due to poisoning by psychoactive substance (Figure 7, Table 6c/d). The relatively large number of deaths due to external causes in the third and fourth annual reports compared to the first and second annual reports is attributable, in part, to an artifactual increase poisoning by psychoactive substances deaths resulting from a 2007 correction in cause of death coding. Prior to 2007, the manner of some overdose deaths were coded as “natural” rather than “accidental”, resulting in an artificially low count of deaths due to external causes. See Summary of Vital Statistics 2007 Special Section: New York City Changes from Manual to Automated Cause-of-Death Coding: <http://www.nyc.gov/html/doh/downloads/pdf/vs/2007sum.pdf>. The numbers in the third and fourth reports more accurately reflect the number of deaths due to external causes

Figure 7.



Note: The large increase in the number of deaths due to poisoning by other noxious substance and poisoning by psychoactive substance that began with the second annual report is a result of a change in the cause of death coding that occurred in 2007. Prior to 2007, the manner of some overdose deaths were coded as natural rather than external, underestimating those due to external causes. As a result, the first year of data has been removed from this figure. See Special Section: New York City Changes from Manual to Automated Cause-of-Death Coding: <http://www.nyc.gov/html/doh/downloads/pdf/vs/2007sum.pdf> for more information.

*Prior to the Memorandum of Understanding between reporting agencies developed in response to Local Law 63, there was no mechanism for checking a decedent’s shelter residency status against the data of another agency, and therefore the shelter status of for this infant is unknown.

Among the 47 remaining deaths due to external causes, 15% (11) were due to poisoning by other noxious substance and 8% (6) were due to homicide. (Poisoning by other noxious substance deaths includes accidental poisoning by and exposure to alcohol, as well as other substances.) Four (5%) were suicides, and four (5%) were railway deaths. Three causes contributed three deaths (4%) each; smoke fire, and flames; other non-transport accidents; and exposure to cold. All deaths due to exposure to cold occurred between November 1, 2008 and January 31, 2009. Two deaths (3%) were caused by motor vehicles, and one death (1%) was due to a fall. Among the 10 (14%) cases where the intent of death was undetermined, two causes of death are known: one was caused by drowning and submersion, and one was due to falling, jumping, or being pushed from a high place.

Table 1: LL63 Categories for Classifying Deaths

<i>Outdoor Deaths</i>	<i>Other Place Deaths</i>
Sidewalk/Street	Friend's Apartment
Expressway	Subway Platform/Train Station
Building Entrance	Abandoned Building
Park Area	Public Space in a Building
Encampment	
Vehicle	
Vacant Lot	
Bank/Shore of or in Body of Water	

* In the 1st annual report, subway and train deaths were categorized as outdoor; this was changed in the 2nd annual report based on discussions between agencies reporting these deaths

Table 2: Deaths of Homeless Persons by Shelter Residency Status and Borough of Death, July 1, 2008 – June 30, 2009

Borough	Deaths Reported by OCME, DHS, and HPD									Deaths Reported by HRA*		
	Total			Shelter Residency Status						Total	Shelter Status	
				Sheltered			Non-Sheltered				Sheltered	Non-Sheltered
	All	OCME	Non-OCME	All	OCME	Non-OCME	All	OCME	Non-OCME			
New York City	177	159	18	77	62	15	100	97	3	49	49	0
Manhattan	77	70	7	29	23	6	48	47	1	22	22	0
Bronx	38	34	4	23	20	3	15	14	1	15	15	0
Brooklyn	33	27	6	17	12	5	16	15	1	7	7	0
Queens	27	26	1	7	6	1	20	20	0	3	3	0
Staten Island	2	2	0	1	1	0	1	1	0	0	0	0
Borough Unknown	0	0	0	0	0	0	0	0	0	2	2	0

* All HRA deaths occurred to homeless placed in Single Room Occupancy (SRO). SROs are not considered homeless shelters by HRA, but they are included in this report because they are homeless shelter residents according to Local Law No. 63 of 2005 (codified at New York City Administrative Code Section 17-190) definitions #2 Homeless shelter resident and #3 Homeless shelter were classified as homeless sheltered residents. See: <http://webdocs.nycouncil.info/attachments/66681.htm>
HRA homeless sheltered deaths are reported separately and should not be added to other homeless sheltered deaths as there may be duplication. To comply with Article 27-F of the New York state Public Health Law which prohibits disclosure of any information that could reasonably identify someone having an HIV related illness or AIDS, personal identifiers on HRA homeless deaths were not provided; hence corresponding death certificates could not be reviewed to determine whether deaths were also reported by OCME.

Table 3: Sheltered Homeless Decedents by Shelter Location

Borough	Community District	Deaths of Sheltered Homeless Persons Reported by OCME, DHS, and HPD
New York City		77
Manhattan	Total	28
	Battery Park, Tribeca (01)	0
	Greenwich Village, SOHO (02)	4
	Lower East Side (03)	3
	Chelsea, Clinton (04)	0
	Midtown Business District (05)	0
	Murray Hill (06)	8
	Upper West Side (07)	1
	Upper East Side (08)	0
	Manhattanville (09)	2
	Central Harlem (10)	2
	East Harlem (11)	7
	Washington Heights (12)	1
Bronx	Total	24
	Mott Haven (01)	2
	Hunts Point (02)	4
	Morrisania (03)	7
	Concourse, Highbridge (04)	3
	University/Morris Heights (05)	3
	East Tremont (06)	3
	Fordham (07)	1
	Riverdale (08)	0
	Unionport, Soundview (09)	0
	Throgs Neck (10)	0
	Pelham Parkway (11)	0
	Williamsbridge (12)	1
Brooklyn	Total	18
	Williamsburg, Greenpoint (01)	4
	Fort Greene, Brooklyn Heights (02)	1
	Bedford Stuyvesant (03)	0
	Bushwick (04)	2
	East New York (05)	3
	Park Slope (06)	0
	Sunset Park (07)	0
	Crown Heights North (08)	0
	Crown Heights South (09)	2
	Bay Ridge (10)	0
	Bensonhurst (11)	0
	Borough Park (12)	0
	Coney Island (13)	0
	Flatbush, Midwood (14)	0
	Sheepshead Bay (15)	1
	Brownsville (16)	4
	East Flatbush (17)	1
Canarsie (18)	0	

Table 3: Sheltered Homeless Decedents by Shelter Location

Borough	Community District	Deaths of Sheltered Homeless Persons Reported by OCME, DHS, and HPD
Queens	Total	7
	Astoria, Long Island City (01)	0
	Sunnyside, Woodside (02)	0
	Jackson Heights (03)	1
	Elmhurst, Corona (04)	0
	Ridgewood, Glendale (05)	0
	Rego Park, Forest Hills (06)	0
	Flushing (07)	0
	Fresh Meadows, Briarwood (08)	1
	Woodhaven (09)	0
	Howard Beach (10)	0
	Bayside (11)	0
	Jamaica, St. Albans (12)	5
	Queens Village (13)	0
The Rockaways (14)	0	
Staten Island	Total	0
	Port Richmond (01)	0
	Willowbrook, South Beach (02)	0
	Tottenville (03)	0

Tables 4a and 4b: Homeless Decedents by Location of Death: Shelter, Hospital, Outdoors, or Other place

Table 4a

Borough	Community District	Deaths Reported by OCME, DHS, and HPD														
		Total					Shelter Residency Status									
		Location of Death					Sheltered					Non-Sheltered				
							Location of Death					Location of Death				
Total	Shelter	Hospital	Outdoors	Other	Total	Shelter	Hospital	Outdoors	Other	Total	Shelter	Hospital	Outdoors	Other		
New York City	Total	177	26	84	33	34	77	26	42	3	6	100	0	42	30	28
Manhattan	Total	77	7	36	16	18	29	7	16	2	4	48	0	20	14	14
	Battery Park, Tribeca (01)	6	0	4	2	0	0	0	2	0	0	4	0	2	2	0
	Greenwich Village, SOHO (02)	5	1	2	2	0	1	1	1	0	0	3	0	1	2	0
	Lower East Side (03)	4	0	1	1	2	0	0	0	0	0	4	0	1	1	2
	Chelsea, Clinton (04)	3	0	0	1	2	0	0	0	0	0	3	0	0	1	2
	Midtown Business District (05)	7	0	2	2	3	0	0	0	0	1	6	0	2	2	2
	Murray Hill (06)	13	2	10	0	1	7	2	5	0	0	6	0	5	0	1
	Upper West Side (07)	2	0	0	2	0	1	0	0	1	0	1	0	0	1	0
	Upper East Side (08)	4	0	1	1	2	1	0	1	0	0	3	0	0	1	2
	Manhattanville (09)	7	1	5	1	0	3	1	2	0	0	4	0	3	1	0
	Central Harlem (10)	4	0	2	0	2	0	0	0	0	0	4	0	2	0	2
	East Harlem (11)	17	3	7	2	5	10	3	4	0	3	7	0	3	2	2
	Washington Heights (12)	5	0	2	2	1	2	0	1	1	0	3	0	1	1	1
Bronx	Total	38	11	21	3	3	23	11	12	0	0	15	0	9	3	3
	Mott Haven (01)	10	1	7	1	1	7	1	6	0	0	3	0	1	1	1
	Hunts Point (02)	3	2	1	0	0	3	2	1	0	0	0	0	0	0	0
	Morrisania (03)	7	3	2	2	0	5	3	2	0	0	2	0	0	2	0
	Concourse, Highbridge (04)	3	1	2	0	0	1	1	0	0	0	2	0	2	0	0
	University/Morris Heights (05)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	East Tremont (06)	5	3	2	0	0	5	3	2	0	0	0	0	0	0	0
	Fordham (07)	2	0	2	0	0	0	0	0	0	0	2	0	2	0	0
	Riverdale (08)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unionport, Soundview (09)	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
	Throgs Neck (10)	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
	Pelham Parkway (11)	5	0	5	0	0	1	0	1	0	0	4	0	4	0	0
Williamsbridge (12)	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	

Table 4a

Borough	Community District	Deaths Reported by OCME, DHS, and HPD																
		Total					Shelter Residency Status											
		Total	Location of Death				Total	Sheltered					Total	Non-Sheltered				
			Shelter	Hospital	Outdoors	Other		Shelter	Hospital	Outdoors	Other	Shelter		Hospital	Outdoors	Other		
Brooklyn	Total	33	6	15	4	8	17	6	9	0	2	16	0	6	4	6		
	Williamsburg, Greenpoint (01)	2	1	0	0	1	1	1	0	0	0	1	0	0	0	1		
	Fort Greene, Brooklyn Heights (02)	4	0	2	0	2	2	0	1	0	1	2	0	1	0	1		
	Bedford Stuyvesant (03)	3	0	3	0	0	1	0	1	0	0	2	0	2	0	0		
	Bushwick (04)	6	1	3	0	2	5	1	3	0	1	1	0	0	0	1		
	East New York (05)	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0		
	Park Slope (06)	3	0	1	1	1	0	0	0	0	0	3	0	1	1	1		
	Sunset Park (07)	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0		
	Crown Heights North (08)	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1		
	Crown Heights South (09)	2	0	1	0	1	1	0	1	0	0	1	0	0	0	1		
	Bay Ridge (10)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Bensonhurst (11)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Borough Park (12)	4	0	2	2	0	1	0	1	0	0	3	0	1	2	0		
	Coney Island (13)	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0		
	Flatbush, Midwood (14)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Sheepshead Bay (15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Brownsville (16)	3	3	0	0	0	3	3	0	0	0	0	0	0	0	0		
	East Flatbush (17)	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0		
	Canarsie (18)	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0		

Table 4a

Borough	Community District	Deaths Reported by OCME, DHS, and HPD																
		Total					Shelter Residency Status											
		Total	Location of Death				Total	Sheltered					Total	Non-Sheltered				
			Shelter	Hospital	Outdoors	Other		Shelter	Hospital	Outdoors	Other	Shelter		Hospital	Outdoors	Other		
Queens	Total	27	2	12	9	4	7	2	5	0	0	20	0	7	9	4		
	Astoria, Long Island City (01)	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1		
	Sunnyside, Woodside (02)	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0		
	Jackson Heights (03)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Elmhurst, Corona (04)	3	0	2	1	0	0	0	0	0	0	3	0	2	1	0		
	Ridgewood, Glendale (05)	3	0	0	2	1	0	0	0	0	0	3	0	0	2	1		
	Rego Park, Forest Hills (06)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Flushing (07)	2	0	2	0	0	0	0	0	0	0	2	0	2	0	0		
	Fresh Meadows, Briarwood (08)	2	0	2	0	0	2	0	2	0	0	0	0	0	0	0		
	Woodhaven (09)	4	0	2	2	0	1	0	1	0	0	3	0	1	2	0		
	Howard Beach (10)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Bayside (11)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Jamaica, St. Albans (12)	8	2	3	1	2	3	2	2	0	0	4	0	1	1	2		
	Queens Village (13)	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0		
The Rockaways (14)	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0			
Staten Island	Total	2	0	0	1	1	1	0	0	1	0	1	0	0	0	1		
	Port Richmond (01)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Willowbrook, South Beach (02)	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0		
	Tottenville (03)	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1		

Table 4b

Borough	Deaths Reported by HRA*					
	Sheltered					
	Total	Location of Death				
Shelter		Hospital	Outdoors	Other	Unknown	
New York City	49	30	15	0	1	3
Manhattan	22	11	10	0	1	0
Bronx	15	12	2	0	0	1
Brooklyn	7	5	2	0	0	0
Queens	3	2	1	0	0	0
Staten Island	0	0	0	0	0	0
Borough Unknown	2	0	0	0	0	2

*All HRA deaths occurred to homeless placed in Single Room Occupancy (SRO). While SROs are not homeless shelters, these decedents had been provided with temporary emergency housing and as such and according to Local Law No. 63 of 2005 (codified at New York City Administrative Code Section 17-190) definitions #2 Homeless shelter resident and #3 Homeless shelter were classified as homeless sheltered residents. See: <http://webdocs.nycouncil.info/attachments/66681.htm>

Tables 5a and 5b: Homeless Decedents by Age and Sex

Table 5a

Borough	Community District	Deaths Reported by OCME, DHS, and HPD																	
		Total					Male					Female							
		Total	Age					Total	Age					Total	Age				
			< 1	1-24	25-44	45-64	>= 65		< 1	1-24	25-44	45-64	>= 65		< 1	1-24	25-44	45-64	>= 65
New York City		177	11	5	48	94	19	140	9	1	33	79	18	37	2	4	15	15	1
Manhattan	Total	77	3	0	18	45	11	66	1	0	15	39	11	11	2	0	3	6	0
	Battery Park, Tribeca (01)	6	0	0	0	5	1	6	0	0	0	5	1	0	0	0	0	0	0
	Greenwich Village, SOHO(02)	5	0	0	0	4	1	5	0	0	0	4	1	0	0	0	0	0	0
	Lower East Side (03)	4	0	0	1	3	0	4	0	0	1	3	0	0	0	0	0	0	0
	Chelsea, Clinton (04)	3	0	0	1	1	1	3	0	0	1	1	1	0	0	0	0	0	0
	Midtown Business District (05)	7	0	0	1	4	2	7	0	0	1	4	2	0	0	0	0	0	0
	Murray Hill (06)	13	0	0	2	8	3	11	0	0	1	7	3	2	0	0	1	1	0
	Upper West Side (07)	2	0	0	1	1	0	2	0	0	1	1	0	0	0	0	0	0	0
	Upper East Side (08)	4	0	0	0	2	2	2	0	0	0	0	2	2	0	0	0	2	0
	Manhattanville (09)	7	2	0	2	3	0	3	0	0	0	3	0	4	2	0	2	0	0
	Central Harlem (10)	4	0	0	2	2	0	3	0	0	2	1	0	1	0	0	0	1	0
	East Harlem (11)	17	0	0	6	10	1	15	0	0	6	8	1	2	0	0	0	2	0
Washington Heights (12)	5	1	0	2	2	0	5	1	0	2	2	0	0	0	0	0	0	0	
Bronx	Total	38	5	1	14	15	3	27	5	0	7	12	3	11	0	1	7	3	0
	Mott Haven (01)	10	2	0	3	5	0	7	2	0	2	3	0	3	0	0	1	2	0
	Hunts Point (02)	3	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0
	Morrisania (03)	7	0	0	4	3	0	3	0	0	0	3	0	4	0	0	4	0	0
	Concourse, Highbridge (04)	3	0	0	1	2	0	3	0	0	1	2	0	0	0	0	0	0	0
	University/Morris Heights (05)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	East Tremont (06)	5	1	1	2	1	0	4	1	0	2	1	0	1	0	1	0	0	0
	Fordham (07)	2	0	0	1	1	0	2	0	0	1	1	0	0	0	0	0	0	0
	Riverdale (08)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unionport, Soundview (09)	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0
	Throgs Neck (10)	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
	Pelham Parkway (11)	5	1	0	0	1	3	5	1	0	0	1	3	0	0	0	0	0	0
Williamsbridge (12)	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	

Table 5a

Borough	Community District	Deaths Reported by OCME, DHS, and HPD																	
		Total						Male					Female						
		Total	Age					Total	Age					Total	Age				
			<1	1-24	25-44	45-64	>=65		<1	1-24	25-44	45-64	>=65		<1	1-24	25-44	45-64	>=65
Brooklyn	Total	33	2	2	8	16	5	25	2	1	5	13	4	8	0	1	3	3	1
	Williamsburg, Greenpoint (01)	2	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	0	0
	Fort Greene, Brooklyn Heights (02)	4	1	0	2	0	1	2	1	0	0	0	1	2	0	0	2	0	0
	Bedford Stuyvesant (03)	3	0	0	0	1	2	3	0	0	0	1	2	0	0	0	0	0	0
	Bushwick (04)	6	0	1	1	4	0	3	0	0	1	2	0	3	0	1	0	2	0
	East New York (05)	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
	Park Slope (06)	3	0	0	1	2	0	2	0	0	0	2	0	1	0	0	1	0	0
	Sunset Park (07)	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
	Crown Heights North (08)	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0
	Crown Heights South (09)	2	1	0	0	1	0	2	1	0	0	1	0	0	0	0	0	0	0
	Bay Ridge (10)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bensonhurst (11)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Borough Park (12)	4	0	0	2	2	0	3	0	0	2	1	0	1	0	0	0	1	0
	Coney Island (13)	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
	Flatbush, Midwood (14)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sheepshead Bay (15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Brownsville (16)	3	0	0	1	1	1	2	0	0	1	1	0	1	0	0	0	0	1
	East Flatbush (17)	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
Canarsie (18)	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	
Queens	Total	27	1	2	7	17	0	20	1	0	5	14	0	7	0	2	2	3	0
	Astoria, Long Island City (01)	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
	Sunnyside, Woodside (02)	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0
	Jackson Heights (03)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Elmhurst, Corona (04)	3	0	0	0	3	0	2	0	0	0	2	0	1	0	0	0	1	0
	Ridgewood, Glendale (05)	3	0	0	0	3	0	2	0	0	0	2	0	1	0	0	0	1	0
	Rego Park, Forest Hills (06)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flushing (07)	2	0	0	1	1	0	3	0	0	1	2	0	0	0	0	0	0	0
	Fresh Meadows, Briarwood (08)	2	0	1	1	0	0	3	0	0	1	1	0	1	0	1	0	0	0
	Woodhaven (09)	4	0	0	1	3	0	3	0	0	0	3	0	1	0	0	1	0	0
	Howard Beach (10)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bayside (11)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jamaica, St. Albans (12)	8	1	1	3	3	0	6	1	0	2	3	0	2	0	1	1	0	0
	Queens Village (13)	2	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	0	0
The Rockaways (14)	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	
Staten Island	Total	2	0	0	1	1	0	2	0	0	1	1	0	0	0	0	0	0	0
	Port Richmond (01)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Willowbrook, South Beach (02)	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
	Tottenville (03)	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0

Table 5b

Borough	Deaths Reported by HRA																	
	Total						Male					Female						
	Total	Age					Total	Age					Total	Age				
		< 1	1-24	25-44	45-64	> = 65		< 1	1-24	25-44	45-64	> = 65		< 1.	1-24	25-44	45-64	> = 65
New York City	49	0	0	11	35	3	34	0	0	4	27	3	15	0	0	7	8	0
Manhattan	22	0	0	5	15	2	17	0	0	3	12	2	5	0	0	2	3	0
Bronx	15	0	0	2	12	1	12	0	0	0	11	1	3	0	0	2	1	0
Brooklyn	7	0	0	2	5	0	3	0	0	1	2	0	4	0	0	1	3	0
Queens	3	0	0	2	1	0	1	0	0	0	1	0	2	0	0	2	0	0
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borough Unknown	2	0	0	0	2	0	1	0	0	0	1	0	1	0	0	0	1	0

Tables 6a and 6b: Leading Causes of Death by Gender and Shelter Residency Status

Table 6a

Rank	Cause of Death	Gender					
		Total		Male		Female	
		All	Percent	All	Percent	All	Percent
	Total	177	100	140	79	37	21
1	DISEASES OF HEART	39	22	30	77	9	23
2	PSYCH. SUBSTANCE USE & ACCIDENTAL DRUG POISONING*	34	19	27	79	7	21
3	ACCIDENTS EXCEPT DRUG POISONING	27	15	26	96	1	4
4	ALCOHOL ABUSE**	11	6	10	91	1	9
5	MALIGNANT NEOPLASMS	6	3	4	67	2	33
	ASSAULT (HOMICIDE)	6	3	3	50	3	50
	INFLUENZA AND PNEUMONIA	6	3	6	100	0	0
8	INTENTIONAL SELF-HARM (SUICIDE)	4	2	2	50	2	50
	DIABETES MELLITUS	4	2	3	75	1	25
10	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	2	1	1	50	1	50
	VIRAL HEPATITIS	2	1	0	0	2	100
	SEPTICEMIA	2	1	2	100	0	0
	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	2	1	0	0	2	100
	CONGENITAL MALFORMATIONS, DEFORMATIONS	2	1	2	100	0	0
	CHRONIC LOWER RESPIRATORY DISEASES	2	1	1	50	1	50
	CHRONIC LIVER DISEASE AND CIRRHOSIS	2	1	2	100	0	0
17	CARDIOVASCULAR DISORDERS IN PERINATAL PERIOD	1	1	1	100	0	0
	MENINGITIS	1	1	1	100	0	0
	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	1	1	1	100	0	0
	CEREBROVASCULAR DISEASE (I60-I69)	1	1	1	100	0	0
	ANEMIAS (D50-D64)	1	1	1	100	0	0
-	UNDETERMINED INTENT	10	6	8	80	2	20
-	All Other Causes	11	6	8	73	3	27

*Mental and Behavioral Disorders Due to the Use of, or Accidental Poisoning by, Psychoactive Substances Excluding Alcohol and Tobacco

**Mental and Behavioral Disorders Due to the Use of Alcohol

Table 6b

Cause of Death		Shelter Residency Status					
		Total		Sheltered		Non-Sheltered	
		All	Percent	All	Percent	All	Percent
Rank	Total	177	100	77	44	100	56
1	DISEASES OF HEART	39	22	18	46	21	54
2	PSYCH. SUBSTANCE USE & ACCIDENTAL DRUG POISONING*	34	19	19	56	15	44
3	ACCIDENTS EXCEPT DRUG POISONING	27	15	7	26	20	74
4	ALCOHOL ABUSE**	11	6	1	9	10	91
5	MALIGNANT NEOPLASMS	6	3	2	33	4	67
	ASSAULT (HOMICIDE)	6	3	3	50	3	50
	INFLUENZA AND PNEUMONIA	6	3	2	33	4	67
8	INTENTIONAL SELF-HARM (SUICIDE)	4	2	2	50	2	50
	DIABETES MELLITUS	4	2	2	50	2	50
10	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	2	1	0	0	2	100
	VIRAL HEPATITIS	2	1	2	100	0	0
	SEPTICEMIA	2	1	0	0	2	100
	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	2	1	2	100	0	0
	CONGENITAL MALFORMATIONS, DEFORMATIONS	2	1	2	100	0	0
	CHRONIC LOWER RESPIRATORY DISEASES	2	1	2	100	0	0
	CHRONIC LIVER DISEASE AND CIRRHOSIS	2	1	0	0	2	100
17	CARDIOVASCULAR DISORDERS IN PERINATAL PERIOD	1	1	1	100	0	0
	MENINGITIS	1	1	1	100	0	0
	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	1	1	1	100	0	0
	CEREBROVASCULAR DISEASE (I60-I69)	1	1	0	0	1	100
	ANEMIAS (D50-D64)	1	1	0	0	1	100
	UNDETERMINED INTENT	10	6	4	40	6	60
-	All Other Causes	11	6	6	55	5	45

*Mental and Behavioral Disorders Due to the Use of, or Accidental Poisoning by, Psychoactive Substances Excluding Alcohol and Tobacco

**Mental and Behavioral Disorders Due to the Use of Alcohol

Tables 6c and 6d: External Causes of Death by Gender and Shelter Residency Status

Table 6c

Cause of Death	All	Gender	
		Female	Male
Total	73	13	60
POISONING BY PSYCHOACTIVE SUBSTANCE	26	5	21
POISONING BY OTHER NOXIOUS SUBSTANCE	11	0	11
HOMICIDE	6	3	3
RAILWAY	4	1	3
SUICIDE	4	2	2
SMOKE, FIRE AND FLAMES	3	0	3
EXPOSURE TO EXCESSIVE NATURAL COLD	3	0	3
OTHER NON-TRANSPORT ACCIDENT	3	0	3
MOTOR VEHICLE	2	0	2
FALL	1	0	1
UNDETERMINED INTENT	10	2	8

Table 6d

Cause of Death	All	Shelter Residency Status	
		Sheltered	Non-Sheltered
Total	73	32	41
POISONING BY PSYCHOACTIVE SUBSTANCE	26	16	10
POISONING BY OTHER NOXIOUS SUBSTANCE	11	4	7
HOMICIDE	6	3	3
RAILWAY	4	0	4
SUICIDE	4	2	2
SMOKE, FIRE AND FLAMES	3	0	3
EXPOSURE TO EXCESSIVE NATURAL COLD	3	0	3
OTHER NON-TRANSPORT ACCIDENT	3	2	1
MOTOR VEHICLE	2	1	1
FALL	1	0	1
UNDETERMINED INTENT	10	4	6