

Sixth 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, 2010 – June 30, 2011

Summary. For the sixth annual reporting period of July 1, 2010 through June 30, 2011, 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 157 homeless deaths. The highest number of deaths (44) occurred during the second quarter (October 1, 2010- December 30, 2010) of this reporting year (FY 2011). The NYC Human Resources Administration (HRA) reported 42 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 deaths, reported by DHS, HPD, and OCME, during the current reporting period, most deaths (81%) were investigated by OCME, comparable to past annual reports (Table 2). The majority of decedents were male (81%). More than half (57%) of homeless decedents were between the ages of 45 and 64. Forty-one (41%) percent were sheltered. Overall, 57% of homeless decedents died in hospitals (67% of sheltered decedents and 51% of unsheltered decedents). Twenty-one (21%) percent of deaths occurred in other places (13% of sheltered decedents and 27% of non-sheltered decedents). Fifteen (15%) percent of decedents died outdoors (3% of sheltered decedents and 23% of non-sheltered decedents). Seven (7%) percent of decedents died in a homeless shelter (17% of sheltered decedents and 0% of non-sheltered decedents). Refer to Table 1 for definitions of outdoor and other place deaths.

The leading cause of homeless deaths was heart disease (20%) followed by drug overdose (17%), similar to the past three annual reports. The third leading cause of death was accidents (13%), followed by alcohol abuse (6%). Three causes of death tied for fifth (4% each): suicide, assault (homicide), and malignant neoplasms. There were no deaths due to hypothermia.

Similar distributions of borough of death, gender, and age were found for the 42 HRA reported homeless decedents. Decedents were mostly male (71%) and between the ages of 45 and 64 (79%). All 42 homeless decedents were sheltered within an HRA emergency residence. Decedents died in shelters (74%) and hospitals (26%). Information on OCME investigations of HRA homeless deaths is not available. Cause of death information cannot be extracted from the death certificate or analyzed as HRA does not provide identifying information for cases, as per LL63, due to laws protecting data confidentiality.

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, 2010 – June 30, 2011.

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 most 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, 2010 - June 30, 2011. 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.

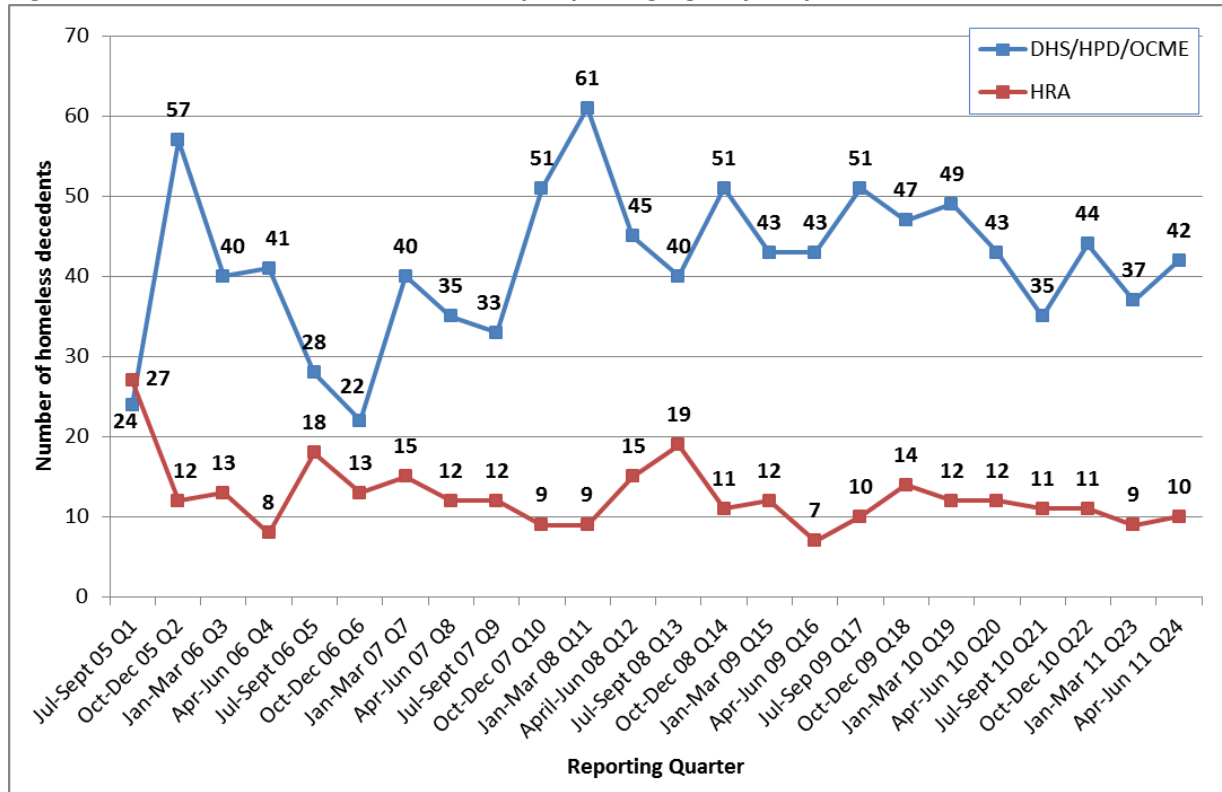
Percentages reported may total > 100% due to rounding.

DEATHS OF HOMELESS PERSONS

Reported Homeless Deaths

Collectively DHS, HPD, and OCME reported 157 homeless deaths between July 1, 2010 and June 30, 2011. HRA reported 42 homeless deaths (Table 2). Figure 1 displays deaths reported by quarter since the LL63 reporting period began (July 1, 2005 to June 30, 2011).

Figure 1. Deaths of Homeless Decedents by Reporting Agency, July 1, 2005 - June 30, 2011



OVERALL FINDINGS FOR THE FIFTH ANNUAL REPORTING PERIOD

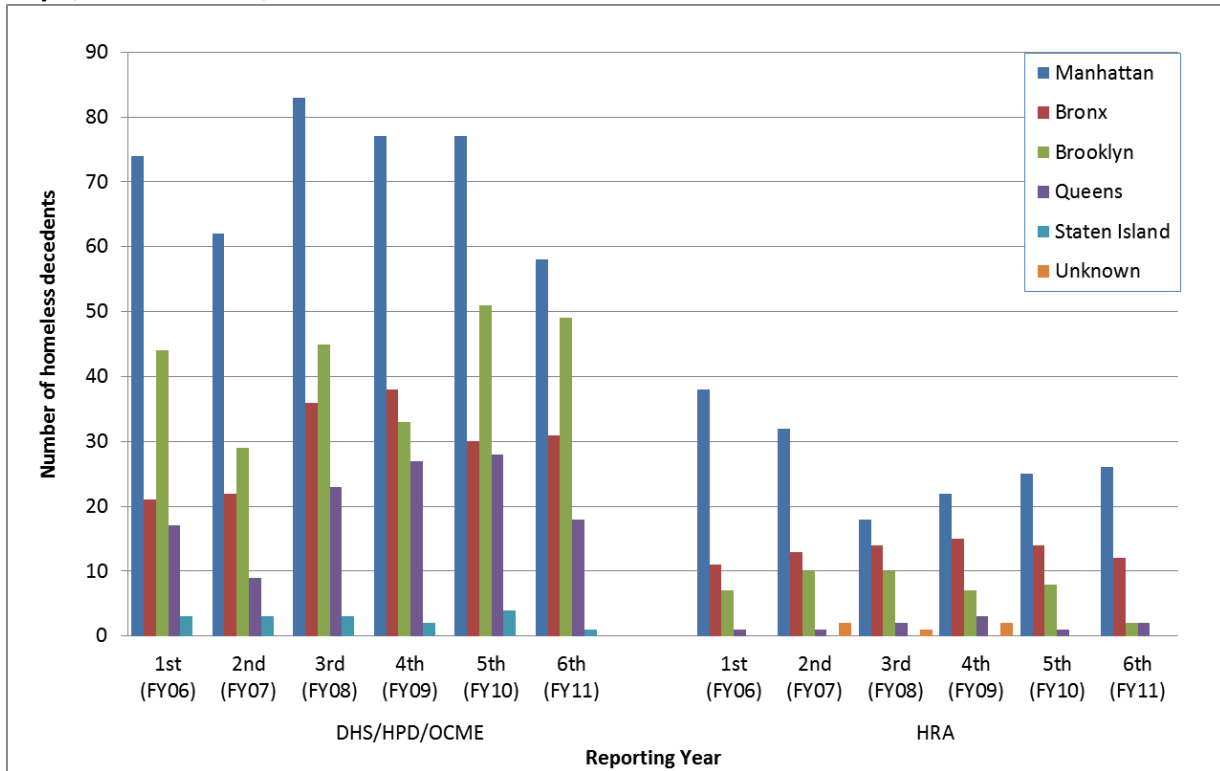
Of the 157 deaths reported by DHS, HPD, or OCME, 37% (58) occurred in Manhattan, 20% (31) in the Bronx, 31% (49) in Brooklyn, 11% (18) in Queens, and 1% (1) in Staten Island (Table 2, Figure 2). At the time of death, 41% (64) of decedents were sheltered and 59% (93) were non-sheltered (Table 2).

Among sheltered decedents, 36% (23) were sheltered in Manhattan, 16% (10) in the Bronx, 44% (28) in Brooklyn, 5% (3) in Queens, and none in Staten Island (Table 3). The largest proportion (42%, 27 deaths) died in Brooklyn, followed by Manhattan (30%, 19 deaths), the Bronx (20%, 13 deaths), and Queens (8%, 5 deaths). None died in Staten Island.

Among non-sheltered decedents, 42% (39 deaths) died in Manhattan, followed by Brooklyn (24%, 22 deaths), the Bronx (19%, 18 deaths), Queens (14%, 13 deaths), and Staten Island (1%, 1 death) (Table 2).

Among HRA-reported deaths, the majority (62%, 26 deaths), occurred in Manhattan, followed by the Bronx (29%, 12 deaths). Two deaths each (5%) occurred in Brooklyn and Queens. None died in Staten Island. (Table 2, Figure 2).

Figure 2. Number of Homeless Decedents by Reporting Agency and Borough of Death, NYC, July 1, 2005 - June 30, 2011



OCME investigates the majority of homeless deaths: 81% (127) in the current report compared to 83-91% in previous reports (Figure 3a). Among the 64 sheltered decedents, 69% (44) were investigated by OCME, and among the 93 non-sheltered decedents, 89% (83) were investigated by OCME.

Figure 3a. Percent of DHS, HPD, and OCME-reported Homeless Decedents in NYC Investigated by OCME, July 1, 2005 – June 30, 2011

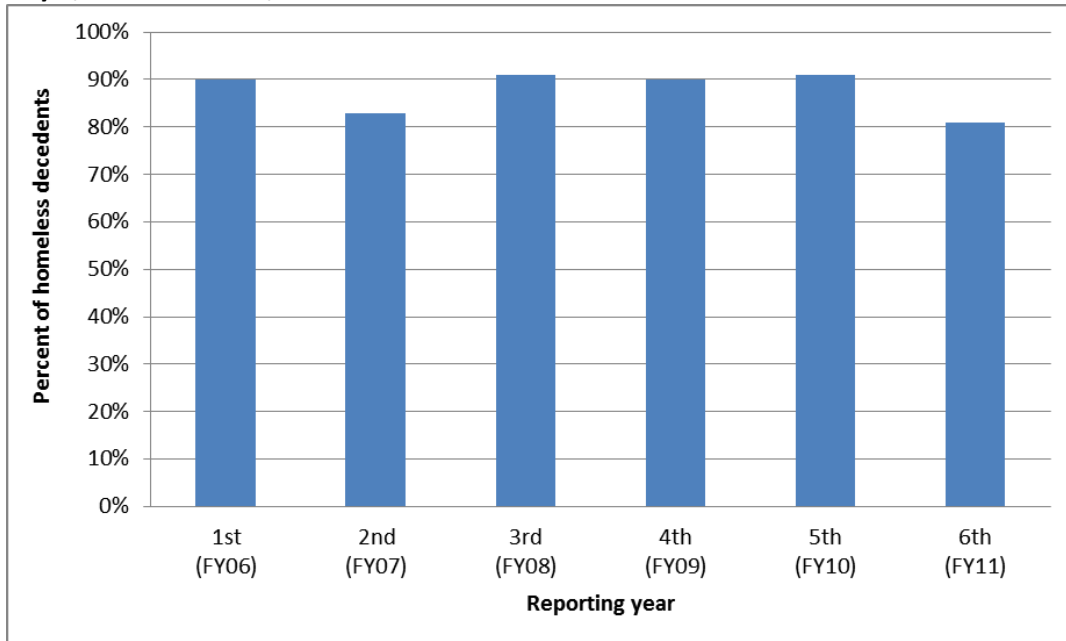
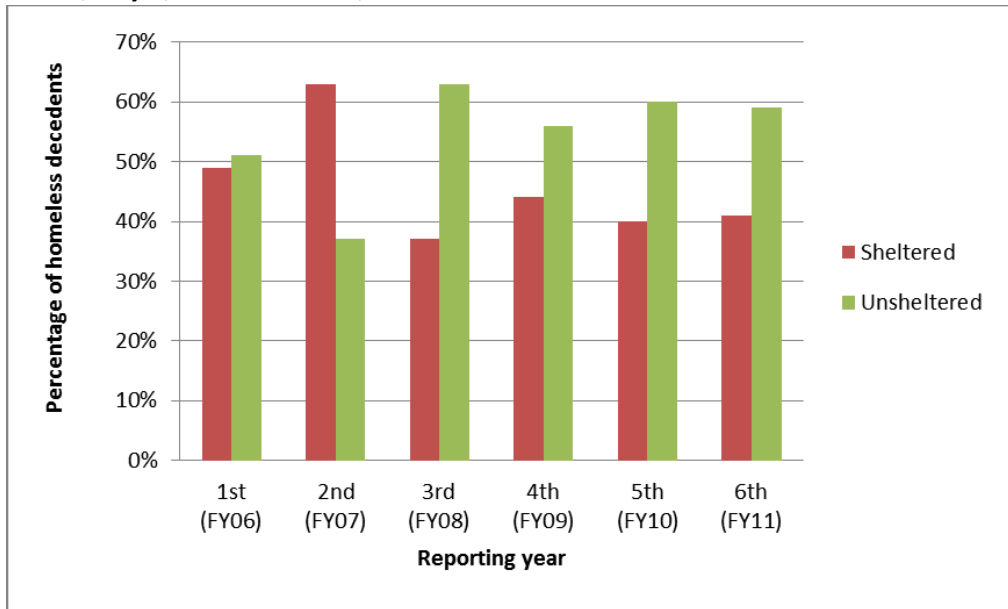


Figure 3b. Percent of DHS, HPD, and OCME-reported Homeless Decedents in NYC by Shelter Residency Status, July 1, 2005 – June 30, 2011



LOCATION OF DEATH

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 Sheltered Individuals

The majority (67%, 43 deaths) of sheltered died in hospitals (Table 4a, Figure 4). Only 17% (11 deaths) died in a shelter, down from 32% in the last reporting year. Eight (13%) decedents died in other places, and two (3%) died outdoors. The sheltered decedents, who died in other places, were found in abandoned buildings, in the apartment of friends or family, on subway tracks or in a subway station, or at a place of employment. The sheltered decedents who died outdoors were found in a body of water and on the sidewalk.

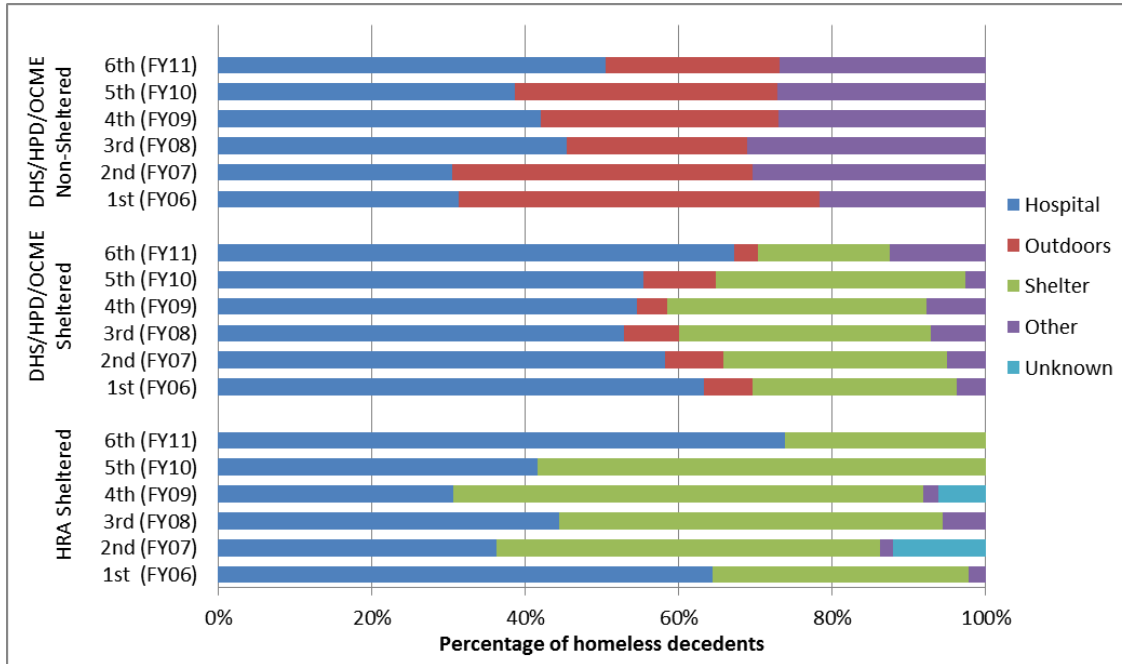
Location of Death among Non-Sheltered Individuals

Similar to sheltered decedents, most (51%, 47 deaths) non-sheltered decedents died in hospitals (Table 4a, Figure 4). The proportion of non-sheltered decedents dying in hospitals has increased over the past six years, up from 31% in the first annual report. Non-sheltered individuals also died in other places (27%, 25 deaths), and outdoors (23%, 21 deaths). The proportion of outdoor deaths among non-sheltered individuals has decreased from 47% in the first reporting year to 23% in the current reporting year.

Non-sheltered decedents who died outdoors were found in park areas, in vehicles, on the sidewalk or street, on or near expressways, outside of building entrances, on a construction site, in vacant lots, or on the roofs of buildings. Non-sheltered homeless decedents found in other places were found in abandoned buildings, public spaces in buildings, apartments of friends or family, on subway tracks or in subway stations, or in building vestibules.

The 42 HRA reported homeless decedents died in shelters (74%, 31 deaths) and in hospitals (26%, 11 deaths) (Table 4b).

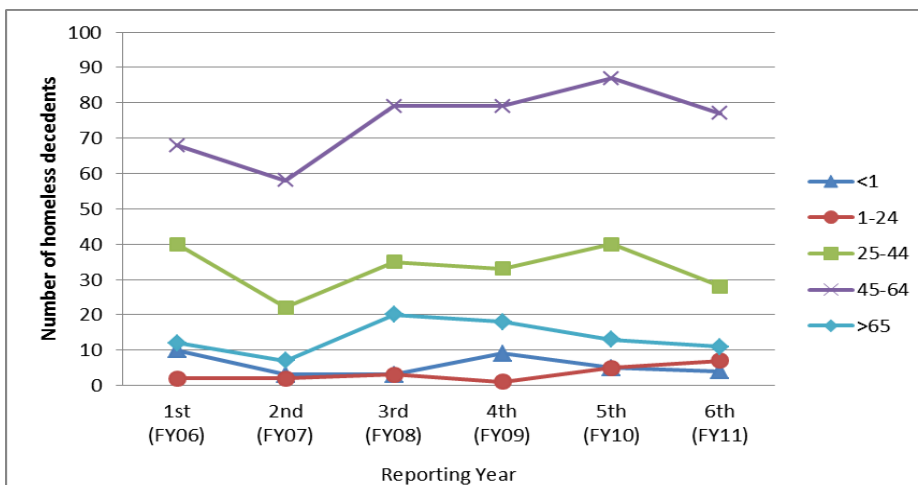
Figure 4. Location of Death by Shelter Status in NYC, July 1, 2005 – June 30, 2011



AGE AND GENDER BY BOROUGH AND COMMUNITY DISTRICT

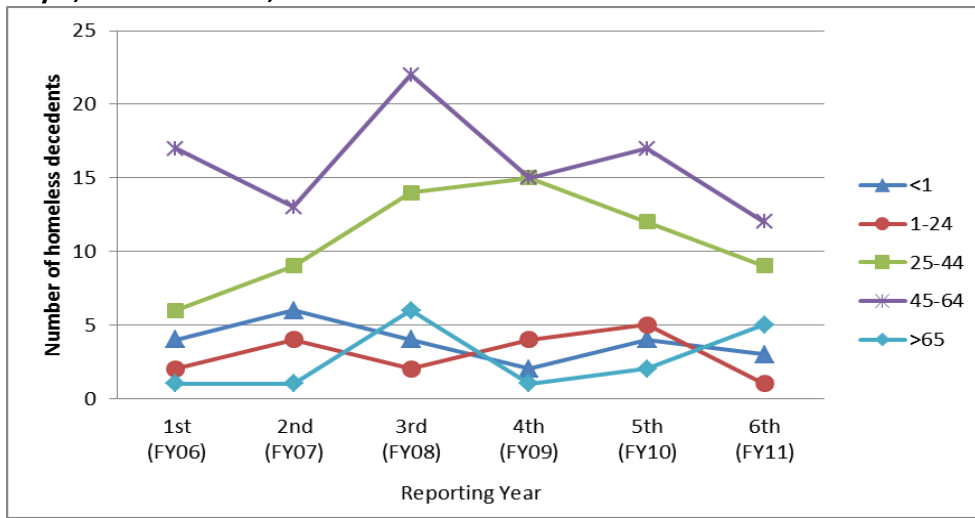
Throughout all 6 years of reporting, males between the ages of 45 and 64 years, followed by males between the ages of 25 and 44 years, have ranked as the first and second largest age-gender classes of homeless decedents. The third largest age-gender class has been females between the ages of 45 and 64 years in all annual reports including the current, with the exception of the fourth annual report in which males 65 years of age and older made up the third largest age-gender class. In the current report, males between the ages of 45 and 64 years make up almost half of homeless decedents (49%, 77) followed by males ages 25-44 (18%, 28), females ages 45-64 (8%, 12), males 65 years of age and older (7%, 11), and females ages 25-44 (6%, 9) (Figure 5a/5b). Children under the age of 1 and decedents between ages 1-24 each account for 5% (7 and 8 deaths respectively) of homeless deaths. Females 65 years of age and older account for 3% (5) of homeless deaths. The age and gender distribution by borough and community district is found in Table 5a.

Figure 5a. Age among Male DHS, HPD, and OCME-reported Homeless Decedents in NYC, July 5, 2005 - June 30, 2011



NYC Local Law 05: Reporting Deaths of Homeless Persons, Annual 5 (July 1, 2010 – June 30, 2011)

Figure 5b. Age among Female DHS, HPD, and OCME-reported Homeless Decedents in NYC, July 1, 2005 – June 30, 2011



Among the 42 HRA homeless deaths, 71% (30) were male and 29% (12) were female. Seventeen percent (7) were between 25 and 44 years, 79% (33) were between 45 and 64 years, and 5% (2) were 65 and older. These distributions have remained comparable over the five years of reporting. The age and gender distribution by borough is found in Table 5b.

LEADING CAUSE OF DEATH

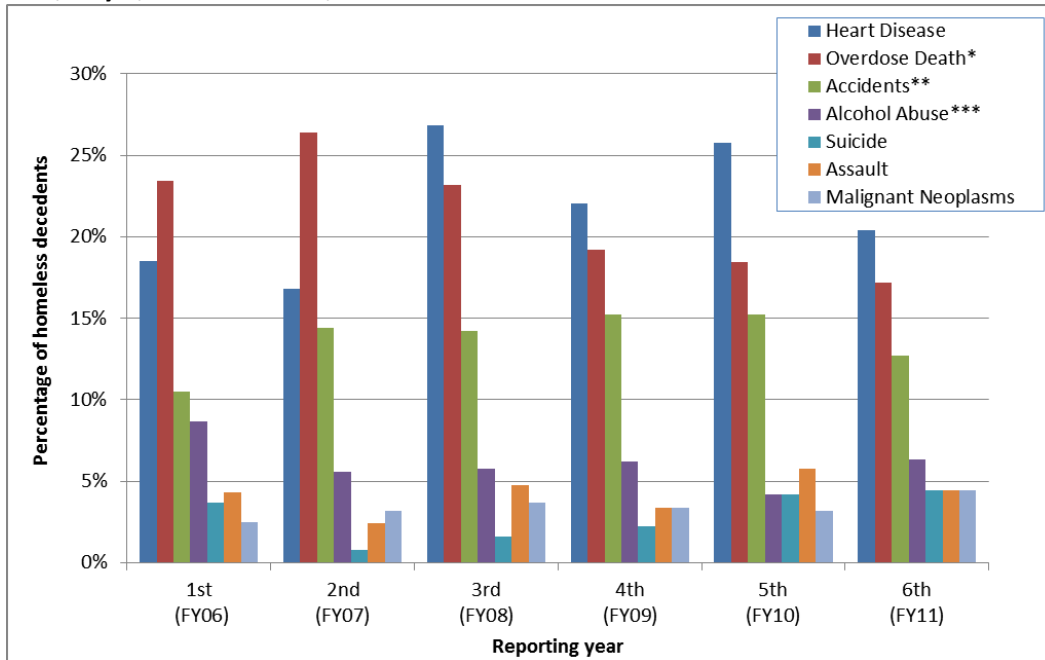
Heart disease was the leading cause of homeless deaths, accounting for 20% (32 deaths: 28 male, 4 female) (Table 6a/b). Drug overdose accounted for 17% (27 deaths: 24 male, 3 female) deaths; non-drug related accidents accounted for 13% (20 deaths: 18 male and 2 female) of deaths; and alcohol abuse accounted for 6% (10 deaths: 9 male, 1 female). Three causes of death each accounted for 4% of deaths: intentional self-harm (suicide) (7 deaths: 4 male, 3 female), assault (homicide) (7 deaths: 6 male, 1 female), and malignant neoplasms (cancer)(7 deaths: 5 male, 2 female). The drug overdose category includes accidental and intentional overuse, or abuse of, illicit and/or therapeutic drugs. Additionally, the drug overdose and alcohol abuse categories include mental and behavioral disorders, which encompass acute intoxication, harmful use, dependence syndrome, and withdrawal state (Table 6a).

The leading causes of death among homeless continue to differ from the leading causes of death in NYC overall. From July 1, 2010 to June 30, 2011, heart disease (33%) was the overall leading cause in NYC followed by malignant neoplasms (25%), influenza and pneumonia (5%), diabetes mellitus (3%), and chronic lower respiratory diseases (3%).

Leading Causes of Death and Gender

Since reporting began, 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 of causes of death of female homeless decedents (30) differs. Female homeless decedents died most often from heart disease (4), followed by drug overdose and intentional self-harm (suicide) (3 deaths each), and accidents, malignant neoplasms, and chronic lower respiratory diseases (2 deaths each) (Table 6a).

Figure 6a. Five Leading Causes of Death among DHS, HPD, and OCME-reported Homeless Decedents in NYC, July 1, 2005 - June 30, 2011[†]



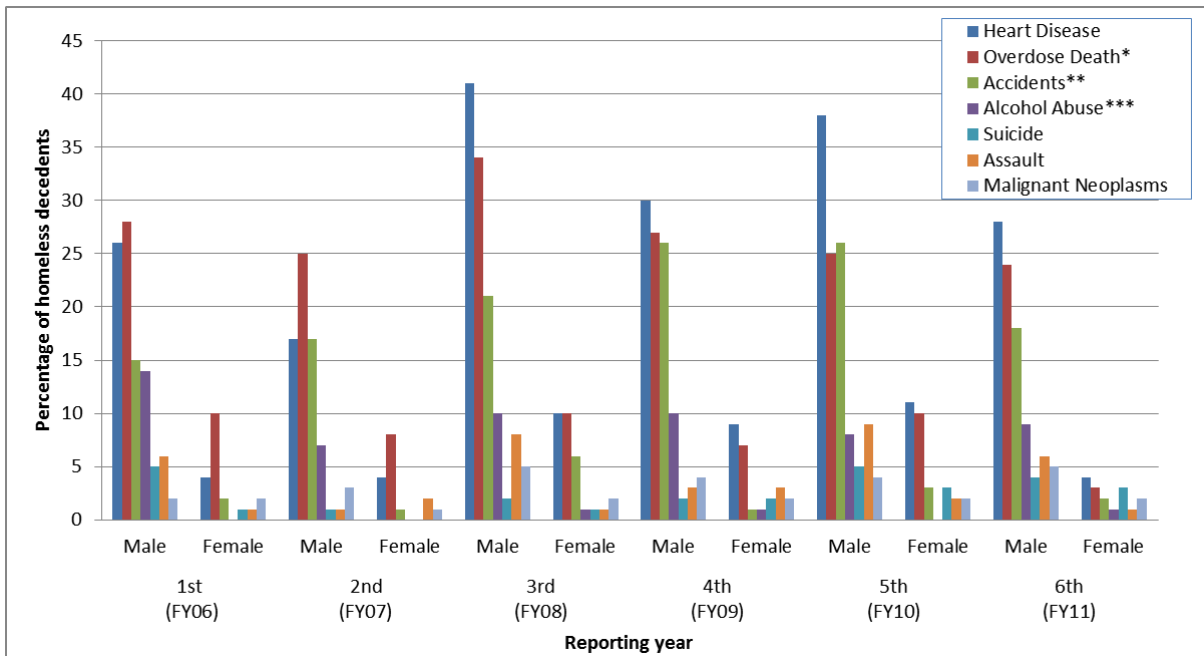
* Mental and Behavior Disorders Due to the Use of, or Accidental Poisoning by, Psychoactive Substances Excluding Alcohol and Tobacco

** 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.

Figure 6b. Five Leading Causes of Death by Gender among DHS, HPD, and OCME-reported Homeless Decedents in NYC, July 1, 2005 – June 30, 2011[†]



* 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 Shelter Residency Status

The leading causes of death differ by decedent shelter residency status. Among sheltered homeless decedents, the leading causes of death were heart disease and drug overdose (12 deaths each), assault (homicide) and malignant neoplasms (6 deaths each), accidents and diabetes (4 deaths each). Among non-sheltered homeless, the leading cause of death was heart disease (20) followed by accidents (16), drug overdose (15), alcohol abuse (10), and suicide (5) (Table 6b).

Non-sheltered outdoor deaths were due to heart disease (5), drug overdose (4), accidents, suicide, and alcohol abuse (2 deaths each), and chronic lower respiratory disease (1). One non-sheltered outdoor death was due to an unspecified or ill-defined cause. One non-sheltered outdoor death was due to undetermined intent; both cause and intent (or manner) of death is unknown.

Non-sheltered other place deaths were due to heart disease (6), accidents and drug overdose (5 deaths each), suicide (3), alcohol abuse (2), and schizophrenia (1). One non-sheltered other place death was due to undetermined intent.

Sheltered outdoor deaths were due to assault (homicide) (2). Sheltered other place deaths were due to heart disease, suicide, and drug overdose (2 deaths each), accidents, and deep vein thrombosis (1 death each). One sheltered other place death was due to undetermined intent.

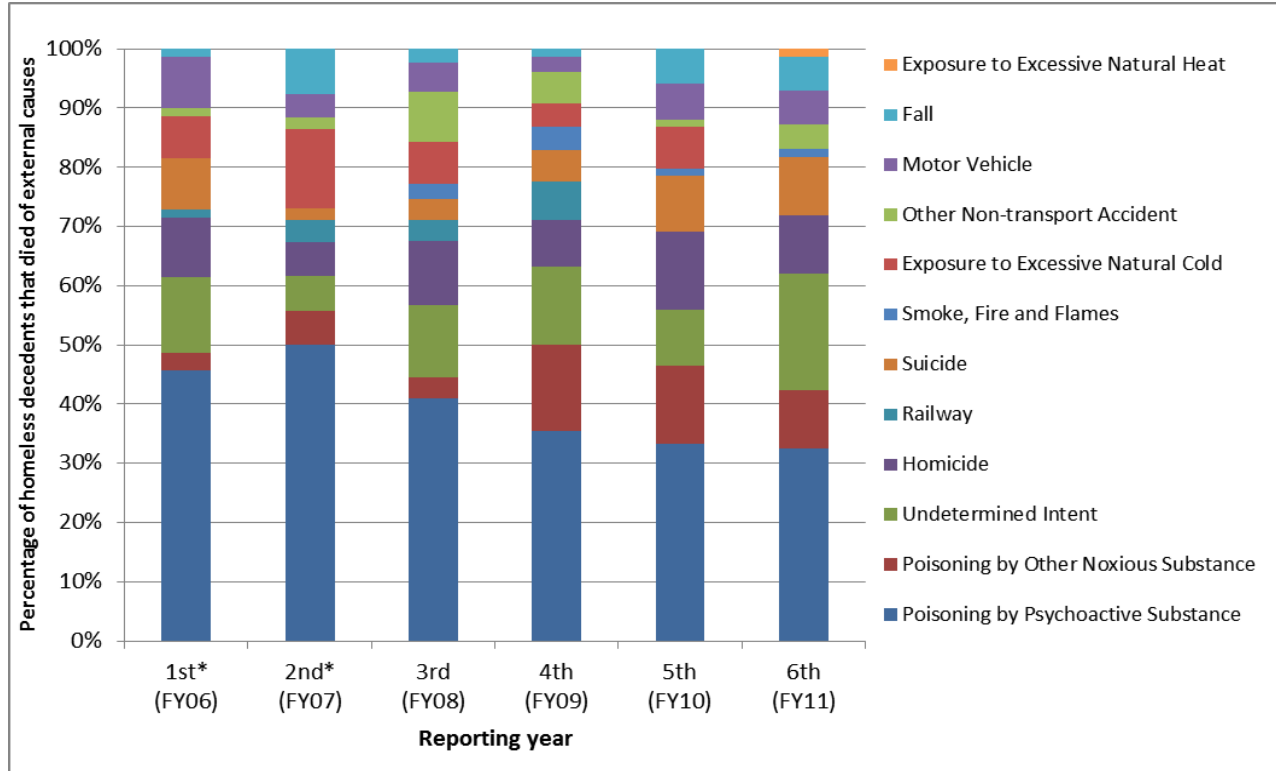
Leading Causes of Death among Homeless Infants

Since reporting began, 57 homeless infant deaths were reported. All but 8, deemed natural deaths, were investigated by OCME. Among the 7 infant deaths reported in this current reporting period, 3 were due to congenital malformations/deformations, 1 was due to accidental positional asphyxia, 1 was due to assault (homicide), and 2 were certified as having an undetermined cause and undetermined manner (intent).

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

Seventy-one (71)*, 52*, 83, 73, 84, and 71 deaths due to external causes are reported in the first, second, third, fourth, fifth, and current annual reports. Among the 71 external deaths reported in this annual report, 32% (23) were due to poisoning by psychoactive substance (Figure 7, Table 6c/d).

Figure 7. External Causes of Death among DHS, HPD, and OCME-reported Homeless Decedents in NYC, July 1, 2006 – June 30, 2011



*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, we have used cause of death codes provided by the National Center for Health Statistics (NCHS) to correct the first and second reporting year data for this change in coding. 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.

Poisoning by other noxious substance, suicide, and homicide tied as the second leading external causes of death, each accounting for 10% (7 deaths each) of external deaths. Poisoning by other noxious substance deaths includes accidental poisoning by and exposure to alcohol, as well as other substances. Four deaths each (6%) were due to motor vehicle accidents and falls. Three (4%) deaths were due to other non-transport accidents. Smoke, fire, and flames and exposure to excessive natural heat contributed one death (1%) each. Among the 14 (20%) cases where the intent or manner of death was undetermined, two causes of death were known; one death was due smoke, fire, and flames and one death was due to falling, lying or running before or into a moving object. There were no hypothermia deaths in FY11.

TABLES

Table 1: LL63 Categories for Classifying Deaths

Outdoor Deaths	Other Deaths
Sidewalk/Street	Friend or Family Member's Apartment
Expressway	Subway Car/ Subway Platform/Train Station
Outside of Building Entrance	Abandoned Building
Park Area	Public Space in a Building†
Encampment	Motel/Hotel Room
Vehicle	Drop-in Center
Vacant Lot	Building Vestibule
Bank/Shore of in Body of Water	Place of Employment
Construction Site	Storage Facility
Roof of Building	

* 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

†Public spaces in buildings include lobbies, stairwells, elevators, and roofs.

Table 2: Deaths of Homeless Persons by Shelter Residency Status and Borough of Death, July 1, 2010 – June 30, 2011

Borough	Deaths Reported by OCME, DHS, and HPD									Deaths Reported by HRA*		
	Total			Shelter Residency Status						Total	Shelter Residency Status	
	All	OCME	Non-OCME	Sheltered			Non-Sheltered				Sheltered	Non-Sheltered
				All	OCME	Non-OCME	All	OCME	Non-OCME			
All Boroughs	157	127	30	64	44	20	93	83	10	42	42	0
Manhattan	58	46	12	19	13	6	39	33	6	26	26	0
Bronx	31	27	4	13	9	4	18	18	0	12	12	0
Brooklyn	49	38	11	27	19	8	22	19	3	2	2	0
Queens	18	15	3	5	3	2	13	12	1	2	2	0
Staten Island	1	1	0	0	0	0	1	1	0	0	0	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, July 1, 2010 – June 30, 2011

Borough	Community District	Deaths of Sheltered Homeless Persons Reported by OCME, DHS, and HPD
All Boroughs		64
Manhattan	Total	23
	Battery Park, Tribeca (01)	0
	Greenwich Village, SOHO (02)	1
	Lower East Side (03)	3
	Chelsea, Clinton (04)	0
	Midtown Business District (05)	0
	Murray Hill (06)	4
	Upper West Side (07)	0
	Upper East Side (08)	0
	Manhattanville (09)	0
	Central Harlem (10)	4
	East Harlem (11)	11
	Washington Heights (12)	0
Bronx	Total	10
	Mott Haven (01)	1
	Hunts Point (02)	0
	Morrisania (03)	1
	Concourse, Highbridge (04)	5
	University/Morris Heights (05)	2
	East Tremont (06)	0
	Fordham (07)	0
	Riverdale (08)	0
	Unionport, Soundview (09)	1
	Throgs Neck (10)	0
	Pelham Parkway (11)	0
Williamsbridge (12)	0	
Brooklyn	Total	28
	Williamsburg, Greenpoint (01)	2
	Fort Greene, Brooklyn Heights (02)	1
	Bedford Stuyvesant (03)	1
	Bushwick (04)	2
	East New York (05)	3
	Park Slope (06)	0
	Sunset Park (07)	0
	Crown Heights North (08)	1
	Crown Heights South (09)	4
	Bay Ridge (10)	0
	Bensonhurst (11)	0
	Borough Park (12)	0
	Coney Island (13)	0
	Flatbush, Midwood (14)	0
	Sheepshead Bay (15)	0
	Brownsville (16)	8
	East Flatbush (17)	0
Canarsie (18)	6	

Table 3: Sheltered Homeless Decedents by Shelter Location, July 1, 2010 – June 30, 2011

Borough	Community District	Deaths of Sheltered Homeless Persons Reported by OCME, DHS, and HPD
Queens	Total	3
	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)	1
	Fresh Meadows, Briarwood (08)	1
	Woodhaven (09)	0
	Howard Beach (10)	0
	Bayside (11)	0
	Jamaica, St. Albans (12)	0
	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, July 1, 2010 – June 30, 2011

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
All Boroughs		157	11	90	23	33	64	11	43	2	8	93	0	47	21	25
Manhattan	Total	58	4	36	6	12	19	4	13	0	2	39	0	23	6	10
	Battery Park, Tribeca (01)	4	0	4	0	0	1	0	1	0	0	3	0	3	0	0
	Greenwich Village, SOHO (02)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lower East Side (03)	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0
	Chelsea, Clinton (04)	4	0	2	0	2	1	0	1	0	0	3	0	1	0	2
	Midtown Business District (05)	2	0	0	1	1	1	0	0	0	1	1	0	0	1	0
	Murray Hill (06)	21	3	16	1	1	6	3	3	0	0	15	0	13	1	1
	Upper West Side (07)	2	0	0	1	1	0	0	0	0	0	2	0	0	1	1
	Upper East Side (08)	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0
	Manhattanville (09)	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
	Central Harlem (10)	9	0	7	0	2	4	0	4	0	0	5	0	3	0	2
	East Harlem (11)	8	1	4	2	1	3	1	2	0	0	5	0	2	2	1
	Washington Heights (12)	5	0	2	1	2	2	0	2	0	0	3	0	0	1	2
Bronx	Total	31	2	13	8	8	13	2	8	1	2	18	0	5	7	6
	Mott Haven (01)	4	1	1	1	1	2	1	1	0	0	2	0	0	1	1
	Hunts Point (02)	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
	Morrisania (03)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Concourse, Highbridge (04)	11	1	7	1	2	6	1	4	0	1	5	0	3	1	1
	University/Morris Heights (05)	2	0	0	1	1	0	0	0	0	0	2	0	0	1	1
	East Tremont (06)	5	0	3	1	1	3	0	2	0	1	2	0	1	1	0
	Fordham (07)	5	0	2	2	1	1	0	1	0	0	4	0	1	2	1
	Riverdale (08)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unionport, Soundview (09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Throgs Neck (10)	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
	Pelham Parkway (11)	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
	Williamsbridge (12)	1	0	0	1	0	0	0	0	0	0	1	0	0	1	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	49	4	31	6	8	27	4	19	1	3	22	0	12	5	5
	Williamsburg, Greenpoint (01)	3	0	0	2	1	1	0	0	0	1	2	0	0	2	0
	Fort Greene, Brooklyn Heights (02)	3	0	3	0	0	1	0	1	0	0	2	0	2	0	0
	Bedford Stuyvesant (03)	7	0	6	1	0	4	0	4	0	0	3	0	2	1	0
	Bushwick (04)	4	1	1	0	2	2	1	0	0	1	2	0	1	0	1
	East New York (05)	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0
	Park Slope (06)	3	0	2	0	1	0	0	0	0	0	3	0	2	0	1
	Sunset Park (07)	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0
	Crown Heights North (08)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Crown Heights South (09)	6	1	5	0	0	4	1	3	0	0	2	0	2	0	0
	Bay Ridge (10)	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
	Bensonhurst (11)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Borough Park (12)	2	0	1	1	0	0	0	0	0	0	2	0	1	1	0
	Coney Island (13)	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0
	Flatbush, Midwood (14)	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
	Sheepshead Bay (15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Brownsville (16)	3	2	0	1	0	3	2	0	1	0	0	0	0	0	0
	East Flatbush (17)	13	0	12	0	1	11	0	11	0	0	2	0	1	0	1
Canarsie (18)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Queens	Total	18	1	9	3	5	5	1	3	0	1	13	0	6	3	4
	Astoria, Long Island City (01)	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0
	Sunnyside, Woodside (02)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jackson Heights (03)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Elmhurst, Corona (04)	2	0	1	0	1	0	0	0	0	0	2	0	1	0	1
	Ridgewood, Glendale (05)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rego Park, Forest Hills (06)	2	0	0	0	2	0	0	0	0	0	2	0	0	0	2
	Flushing (07)	2	1	0	1	0	1	1	0	0	0	1	0	0	1	0
	Fresh Meadows, Briarwood (08)	2	0	2	0	0	0	0	0	0	0	2	0	2	0	0
	Woodhaven (09)	5	0	4	0	1	1	0	1	0	0	4	0	3	0	1
	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)	2	0	0	1	1	1	0	0	0	1	1	0	0	1	0
	Queens Village (13)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
The Rockaways (14)	2	0	1	1	0	1	0	1	0	0	1	0	0	1	0	
Staten Island	Total	1	0	1	0	0	0	0	0	0	1	0	1	0	0	
	Port Richmond (01)	1	0	1	0	0	0	0	0	0	1	0	1	0	0	
	Willowbrook, South Beach (02)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Tottenville (03)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 4b

Borough	Deaths Reported by HRA*			
	Total	Sheltered		
		Shelter	Hospital	Outdoors
All Boroughs	42	31	11	0
Manhattan	26	20	6	0
Bronx	12	8	4	0
Brooklyn	2	1	1	0
Queens	2	2	0	0
Staten Island	0	0	0	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.

Tables 5a and 5b: Homeless Decedents by Age and Sex, July 1, 2010 – June 30, 2011

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
All Boroughs		157	7	8	37	89	16	127	4	7	28	77	11	30	3	1	9	12	5
Manhattan	Total	58	2	2	17	32	5	48	2	1	13	27	5	10	0	1	4	5	0
	Battery Park, Tribeca (01)	4	0	0	0	3	1	4	0	0	0	3	1	0	0	0	0	0	0
	Greenwich Village, SOHO (02)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lower East Side (03)	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
	Chelsea, Clinton (04)	4	0	0	2	2	0	2	0	0	1	1	0	2	0	0	1	1	0
	Midtown Business District (05)	2	0	0	1	1	0	1	0	0	0	1	0	1	0	0	1	0	0
	Murray Hill (06)	21	0	0	3	16	2	19	0	0	3	14	2	2	0	0	0	2	0
	Upper West Side (07)	2	0	0	2	0	0	1	0	0	1	0	0	1	0	0	1	0	0
	Upper East Side (08)	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0
	Manhattanville (09)	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
	Central Harlem (10)	9	0	0	4	4	1	8	0	0	3	4	1	1	0	0	1	0	0
	East Harlem (11)	8	0	1	3	3	1	6	0	0	3	2	1	2	0	1	0	1	0
Washington Heights (12)	5	2	1	1	1	0	5	2	1	1	1	0	0	0	0	0	0	0	
Bronx	Total	31	2	1	6	18	4	26	0	1	5	16	4	5	2	0	1	2	0
	Mott Haven (01)	4	0	0	0	2	2	4	0	0	0	2	2	0	0	0	0	0	0
	Hunts Point (02)	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0
	Morrisania (03)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Concourse, Highbridge (04)	11	1	1	4	5	0	7	0	1	3	3	0	4	1	0	1	2	0
	University/Morris Heights (05)	2	0	0	1	1	0	2	0	0	1	1	0	0	0	0	0	0	0
	East Tremont (06)	5	0	0	0	5	0	5	0	0	0	5	0	0	0	0	0	0	0
	Fordham (07)	5	1	0	1	3	0	4	0	0	1	3	0	1	1	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)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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)	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0
Williamsbridge (12)	1	0	0	0	1	0	1	0	0	0	1	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	49	3	5	9	25	7	37	2	5	6	22	2	12	1	0	3	3	5
	Williamsburg, Greenpoint (01)	3	0	0	1	2	0	2	0	0	0	2	0	1	0	0	1	0	0
	Fort Greene, Brooklyn Heights (02)	3	0	0	1	1	1	2	0	0	1	1	0	1	0	0	0	0	1
	Bedford Stuyvesant (03)	7	0	1	1	4	1	6	0	1	1	4	0	1	0	0	0	0	1
	Bushwick (04)	4	0	0	1	2	1	2	0	0	1	1	0	2	0	0	0	1	1
	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	0	3	0	3	0	0	0	3	0	0	0	0	0	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)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Crown Heights South (09)	6	0	1	1	3	1	6	0	1	1	3	1	0	0	0	0	0	0
	Bay Ridge (10)	1	0	0	1	0	0	1	0	0	1	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)	2	0	0	1	1	0	2	0	0	1	1	0	0	0	0	0	0	0
	Coney Island (13)	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0
	Flatbush, Midwood (14)	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1
	Sheepshead Bay (15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Brownsville (16)	3	1	1	0	1	0	2	0	1	0	1	0	1	1	0	0	0	0
	East Flatbush (17)	13	2	1	2	6	2	9	2	1	0	5	1	4	0	0	2	1	1
Canarsie (18)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Queens	Total	18	0	0	5	13	0	15	0	0	4	11	0	3	0	0	1	2	0
	Astoria, Long Island City (01)	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0
	Sunnyside, Woodside (02)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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)	2	0	0	1	1	0	2	0	0	1	1	0	0	0	0	0	0	0
	Ridgewood, Glendale (05)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rego Park, Forest Hills (06)	2	0	0	2	0	0	1	0	0	1	0	0	1	0	0	1	0	0
	Flushing (07)	2	0	0	2	0	0	2	0	0	2	0	0	0	0	0	0	0	0
	Fresh Meadows, Briarwood (08)	2	0	0	0	2	0	1	0	0	0	1	0	1	0	0	0	1	0
	Woodhaven (09)	5	0	0	0	5	0	5	0	0	0	5	0	0	0	0	0	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)	2	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	0	0
	Queens Village (13)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
The Rockaways (14)	2	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	0	0	
Staten Island	Total	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
	Port Richmond (01)	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
	Willowbrook, South Beach (02)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tottenville (03)	0	0	0	0	0	0	0	0	0	0	0	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
All Boroughs	42	0	0	7	33	2	30	0	0	5	23	2	12	0	0	2	10	0
Manhattan	26	0	0	3	21	2	20	0	0	3	15	2	6	0	0	0	6	0
Bronx	12	0	0	4	8	0	8	0	0	2	6	0	4	0	0	2	2	0
Brooklyn	2	0	0	0	2	0	1	0	0	0	1	0	1	0	0	0	1	0
Queens	2	0	0	0	2	0	1	0	0	0	1	0	1	0	0	0	1	0
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Tables 6a and 6b: Leading Causes of Death by Gender and Shelter Residency Status, July 1, 2010 – June 30, 2011

Table 6a

Rank	Cause of Death	Gender					
		Total		Male		Female	
		All	Percent [†]	All	Percent [†]	All	Percent [†]
	Total	157	100	127	81	30	19
1	DISEASES OF HEART	32	20	28	88	4	13
2	PSYCH. SUBSTANCE USE & ACCIDENTAL DRUG POISONING	27	17	24	89	3	11
3	ACCIDENTS EXCEPT DRUG POISONING	20	13	18	90	2	10
4	MENTAL DISORDERS DUE TO USE OF ALCOHOL	10	6	9	90	1	10
5	INTENTIONAL SELF-HARM (SUICIDE)	7	4	4	57	3	43
	ASSAULT (HOMICIDE)	7	4	6	86	1	14
	MALIGNANT NEOPLASMS	7	4	5	71	2	29
8	CHRONIC LOWER RESPIRATORY DISEASES	4	3	2	50	2	50
	DIABETES MELLITUS	4	3	3	75	1	25
	CHRONIC LIVER DISEASE AND CIRRHOSIS	4	3	4	100	0	0
11	CONGENITAL MALFORMATIONS, DEFORMATIONS	3	2	2	67	1	33
12	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	2	1	2	100	0	0
	ESSENTIAL HYPERTENSION AND RENAL DISEASES (I10,I12)	2	1	1	50	1	50
13	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	1	1	0	0	1	100
	AORTIC ANEURYSM AND DISSECTION (I71)	1	1	0	0	1	100
	CEREBROVASCULAR DISEASE (I60-I69)	1	1	0	0	1	100
--	UNDETERMINED INTENT	14	9	13	93	1	7
--	All Other Causes	11	7	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

†All percentages were rounded to the nearest whole number. Causes of death are ranked based on count.

Table 6b

Cause of Death		Shelter Residency Status					
		Total		Sheltered		Non-Sheltered	
		All	Percent [†]	All	Percent [†]	All	Percent [†]
Rank	Total	157	100	64	41	93	59
1	DISEASES OF HEART	32	20	12	38	20	63
2	PSYCH. SUBSTANCE USE & ACCIDENTAL DRUG POISONING	27	17	12	44	15	56
3	ACCIDENTS EXCEPT DRUG POISONING	20	13	4	20	16	80
4	MENTAL DISORDERS DUE TO USE OF ALCOHOL	10	6	0	0	10	100
5	INTENTIONAL SELF-HARM (SUICIDE)	7	4	2	29	5	71
	ASSAULT (HOMICIDE)	7	4	6	86	1	14
	MALIGNANT NEOPLASMS	7	4	6	86	1	14
8	CHRONIC LOWER RESPIRATORY DISEASES	4	3	3	75	1	25
	DIABETES MELLITUS	4	3	4	100	0	0
	CHRONIC LIVER DISEASE AND CIRRHOSIS	4	3	1	25	3	75
9	CONGENITAL MALFORMATIONS, DEFORMATIONS	3	2	3	100	0	0
10	HUMAN IMMUNODEFICIENCY VIRUS DISEASE	2	1	1	50	1	50
	ESSENTIAL HYPERTENSION AND RENAL DISEASES (I10, I12)	2	1	1	50	1	50
11	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	1	1	1	100	0	0
	AORTIC ANEURYSM AND DISSECTION (I71)	1	1	0	0	1	100
	CEREBROVASCULAR DISEASE (I60-I69)	1	1	1	100	0	0
--	UNDETERMINED INTENT	14	9	2	14	12	86
--	All Other Causes	11	7	5	45	6	55

†All percentages were rounded to the nearest whole number. Causes of death are ranked based on count.

Tables 6c and 6d: External Causes of Death by Gender and Shelter Residency Status, July 1, 2009 – June 30, 2010

Table 6c

Cause of Death		All	Gender	
			Male	Female
Rank	Total	71	62	9
1	POISONING BY PSYCHOACTIVE SUBSTANCE	23	21	2
2	POISONING BY OTHER NOXIOUS SUBSTANCE	7	6	1
	SUICIDE	7	4	3
	HOMICIDE	7	6	1
5	MOTOR VEHICLE	4	4	0
	FALL	4	4	0
7	OTHER NON-TRANSPORT ACCIDENT	3	2	1
8	SMOKE, FIRE AND FLAMES	1	1	0
	EXPOSURE TO EXCESSIVE NATURAL HEAT	1	1	0
--	UNDETERMINED INTENT	14	13	1

Table 6d

Cause of Death		All	Shelter Residency Status	
			Sheltered	Non-Sheltered
Rank	Total			
		71	25	46
1	POISONING BY PSYCHOACTIVE SUBSTANCE	23	11	12
2	POISONING BY OTHER NOXIOUS SUBSTANCE	7	0	7
	SUICIDE	7	2	5
	HOMICIDE	7	6	1
5	MOTOR VEHICLE	4	0	4
	FALL	4	2	2
7	OTHER NON-TRANSPORT ACCIDENT	3	1	2
8	SMOKE, FIRE AND FLAMES	1	1	0
	EXPOSURE TO EXCESSIVE NATURAL HEAT	1	0	1
--	UNDETERMINED INTENT	14	2	12