10 Leading Causes of Injury Death, NYC, 2017-2019
Annual Average Count (Age-Specific Rate per 100,000)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Age Groups</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&lt;1</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Undetermined Not Specified 34 (30)</td>
<td>Unintentional MV Traffic 3 (1)*</td>
</tr>
<tr>
<td>2</td>
<td>Unintentional Suffocation 11 (10)</td>
<td>Unintentional Fire/Flame 2 (0)*</td>
</tr>
<tr>
<td>3</td>
<td>Homicide Other Spec 3 (2)*</td>
<td>Homicide Other Spec 2 (0)*</td>
</tr>
<tr>
<td>4</td>
<td>Homicide Not Specified 2 (2)*</td>
<td>Unintentional Fire/Flame 2 (0)*</td>
</tr>
<tr>
<td>5</td>
<td>Homicide Cut/Pierce 15 (2)</td>
<td>Unintentional MV Traffic 23 (2)</td>
</tr>
<tr>
<td>6</td>
<td>Suicide Fall 15 (2)</td>
<td>Suicide Fall 24 (2)</td>
</tr>
<tr>
<td>7</td>
<td>Undetermined Not Specified 9 (1)</td>
<td>Homicide Cut/Pierce 17 (1)</td>
</tr>
<tr>
<td>8</td>
<td>Unintentional Fall 7 (1)</td>
<td>Unintentional Fall 14 (1)</td>
</tr>
<tr>
<td>9</td>
<td>Suicide Other Spec 6 (1)</td>
<td>Suicide Poisoning 14 (1)</td>
</tr>
<tr>
<td>10</td>
<td>Suicide Drowning 6 (1)</td>
<td>Suicide Firearm 9 (1)</td>
</tr>
</tbody>
</table>

Source: NYC DOHMH Bureau of Vital Statistics. Analyzed by: Bureaus of Environmental Surveillance and Policy and Environmental Disease and Injury Prevention, NYC DOHMH. Statistics reported as the average number of deaths per year and the age-specific and total crude rate per 100,000 population according to NYC DOHMH intercensal estimates modified from US Census Bureau interpolated intercensal population estimates, 2000-2020 (updated September 2021) in parentheses. Injury intent and mechanism are classified following the National Center for Health Statistics external cause of injury matrix (based on the International Classification of Diseases 10th Revisions (ICD-10) codes). See definitions on page 2.

*Rate estimate should be interpreted with caution. Estimate’s Relative Standard Error (a measure of estimate precision) is greater than 30%, making the estimate potentially unreliable.
Injury Intents and Mechanisms Defined

Injury intent:

**Unintentional**: Injury that occurred without intent to cause harm, also known as "accident" (ICD–10 codes: V01–X59, Y85–Y86).

**Homicide**: Injury inflicted by another person, with the intent to cause harm (ICD–10 codes of U01–U02, X85–Y09, Y87.1).

**Suicide**: Intentional injury resulting from self-harm (ICD–10 codes of U03, X60–X84, Y87.0).

**Undetermined**: Injury for which the intent cannot be determined (ICD–10 codes of Y10–Y34, Y87.2, Y89.9).

Injury mechanism:

**Cut/pierce**: Injury resulting from an incision, slash, penetration, or puncture or sharp instrument, weapon, or object.

**Drowning**: Injury resulting from submersion in water or other liquid.

**Fall**: Injury received when someone descends abruptly as a result of the force of gravity and strikes a surface at the same or lower level.

**Fire/Burn**: Injury resulting from severe exposure to flames, heat or smoke inhalation.

**Firearm**: Injury resulting from penetrating force from a bullet or other projectile shot from a powder-charged gun.

**Motor vehicle traffic (MVT)**: Injury from a motor vehicle collision including injuries to a motor vehicle occupant, pedestrian, or pedal cyclist.

**Natural/environmental**: Injury resulting from exposure to adverse natural and environmental conditions (e.g., severe heat, severe cold, lightning, tornadoes, and natural disasters), as well as lack of food or water.

**Not elsewhere classified (NEC)**: Injury not classifiable in another category.

**Not specified**: Injury missing either the manner (e.g., intentional, unintentional) or mechanism (e.g., Motor vehicle, firearm) of the Injury.

**Other specified**: Injury associated with any other specified cause that does not fit another category.

**Poisoning**: Injury resulting from ingestion, inhalation, absorption through the skin, or injection of so much of a drug, toxin, or other chemical that a harmful effect results (e.g., drug overdoses). This category does not include harmful effects from normal therapeutic drugs (i.e., unexpected adverse effects to a drug administered correctly to treat a condition) or bacterial illnesses.

**Suffocation**: Inhalation, aspiration, or ingestion of food or other object that blocks the airway or causes suffocation; intentional or accidental mechanical suffocation caused by hanging, strangulation, lack of air in a closed place, plastic bag or falling earth. This category does not include injury resulting from a foreign body that does not block the airway.