There were a total of 2,134 “struck by/against” hospitalizations between 2000 – 2004 in Connecticut, for an average of 427 a year.

The majority of these hospitalizations were due to sports-related injuries (41.0%), followed by “other striking against” (31%) - a vague category of limited assistance in determining the necessary preventive measures.

There were 69 times as many struck by/against hospitalizations (2,134) registered compared to deaths (31) - for every 69 patients hospitalized for struck by/against, one fatality was occurred - indicating the low lethality of this kind of injury compared to other injuries.

Children and teens 10 – 19 years of old were among the highest rates of any population age group, which was consistent with sports-related injuries being the primary mechanism for this type of injury.

For the elderly 65+ and older, striking “against furniture or other objects” took on added importance as a cause of injury.

The “other striking against” category appeared consistently high across the lifespan.

Males consistently demonstrated higher hospitalization rates than females for this type of injury — until reaching 75+ years of age.

The greatest difference was seen in the 35 – 39 year old group, where the male rate (22.6 per 100,000 population) was nine times that of the females (2.5 per 100,000 population); between the ages of 20 – 29, the male rate was 8.5 times higher than for females.

For the overall population, males (19.6 per 100,000 population) exhibited a hospitalization rate over 3.5 times that of females (5.5 per 100,000 population).

The rates by race/ethnicity varied only minimally (11.4 – 13.2 per 100,000 population), except for Non-Hispanics of Other Races (18.9 per 100,000 population), whose rate was 65% higher than the rate for Hispanics (11.4 per 100,000 population).

The distribution of rates by county of residence showed relatively little variation, ranging from 9.9 per 100,000 for Middlesex County to 14.2 per 100,000 population for New Haven County.

Over three-quarters (76.2%) of struck by/against injuries were admitted to the hospital through the emergency department, with over 80% being discharged to the home.

The source of payment was evenly distributed, with commercial insurance covering 38%, followed by Medicaid and Medicare at 18.7% and 17.0%, respectively, the rest being charged to Worker’s Compensation (14.5%) and Self-Pay (10.8%).

Of the 2134 struck by/against hospitalizations, 15 (0.7%) patients expired and specific causes were not recorded for one-half of the deaths.

The median length of hospital stay was 2 days.

For the five-year period, charges for struck by/against hospitalizations were $26,118,150 with an average of $8,493 per hospital stay.
Figure 51
Unintentional Struck by/Against* Hospitalizations by Mechanism
Connecticut Residents, 2000 - 2004
(n = 2,134; average = 427/year)

ICD-Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>E916</td>
<td>Struck Accidentally by Falling Object</td>
<td>419</td>
<td>19.6%</td>
</tr>
<tr>
<td>E917 (.0, .2, .5)</td>
<td>In Sports</td>
<td>876</td>
<td>41.0%</td>
</tr>
<tr>
<td>E917 (.3, .7)</td>
<td>Against Furniture</td>
<td>50</td>
<td>2.3%</td>
</tr>
<tr>
<td>E917 (.4, .8)</td>
<td>Against Other Stationary Object</td>
<td>121</td>
<td>5.7%</td>
</tr>
<tr>
<td>E917 (.1, .6, .9)</td>
<td>Other Striking Against</td>
<td>668</td>
<td>31.3%</td>
</tr>
</tbody>
</table>

*ICD-9 Codes: See Appendix
Figure 52
Struck by/Against Hospitalization Rates by Mechanism & Age
Connecticut Residents, 2000 - 2004
(n = 2,134; average = 427/year)
Figure 53
Struck by/Against Hospitalization Rates by Age & Sex
Connecticut Residents, 2000 - 2004
(n = 2,134; average = 427/year)
Figure 54
Struck by/Against Hospitalization Rates per 100,000 Population
by Sex, Race/Ethnicity & County of Residence
Connecticut Residents, 2000 - 2004
Figure 55
Struck by/Against Hospitalizations by Admission, Discharge & Primary Payer
Connecticut Residents, 2000 - 2004
(n = 2,134; average = 427/year)