### Table 1. Summary of All Hospitalizations

 N = Number of Hospitalizations

|  |  |
| --- | --- |
| % = Percent of Hospitalizations | **All Hospitalizations** |
|  |  | N | % | Hospitalizations per 10,000 FTEs | 95% CI |
| **Total** | **301** | **100** | **2.3** | **2.0-2.5** |
| **Age** | **18** | 17 | 5.6 | 2.0 | 1.1-3.0 |
| **19** | 32 | 10.6 | 2.9 | 1.9-3.9 |
| **20** | 31 | 10.3 | 1.8 | 1.2-2.5 |
| **21** | 50 | 16.6 | 2.9 | 2.1-3.7 |
| **22** | 48 | 15.9 | 2.3 | 1.6-2.9 |
| **23** | 64 | 21.3 | 2.4 | 1.8-3.0 |
| **24** | 59 | 19.6 | 1.9 | 1.4-2.4 |
| **Gender+** | **Male** | 255 | 84.7 | 3.6 | 3.2-4.1 |
| **Female** | 46 | 15.3 | 0.7 | 0.5-0.9 |
| **Race & Ethnicity** | **White only, non-Hispanic** | 206 | 68.4 | 2.1 | 1.8-2.3 |
| **Hispanic** | 50 | 16.6 | 2.9 | 2.1-3.7 |
| **Black only, non-Hispanic** | 23 | 7.6 | 3.1 | 1.8-4.3 |
| **Asian only, non-Hispanic** | a |  |  |  |
| **Multi-racial** | a |  |  |  |
| **Year of Hospital Visit** | **2009** | 74 | 24.6 | 2.6 | 2.0-3.2 |
| **2010** | 66 | 21.9 | 2.7 | 2.0-3.3 |
| **2011** | 58 | 19.3 | 2.2 | 1.7-2.8 |
| **2012** | 53 | 17.6 | 1.9 | 1.4-2.5 |
| **2013** | 50 | 16.6 | 1.9 | 1.3-2.4 |

### (continued on next page)

### Source: Hospital Discharge Data, for 1 Jan 2009 through 31 Dec 2013, Massachusetts Center for Health Information and Analysis.

### (a)Counts not shown and rates not calculated for cells with less than 11 cases based on the CHIA rules pertaining to confidentiality. Rates based on counts less than 20 may be unstable.

### Numbers may not add to total due to missing information.

### A hospitalization for an injury is defined as any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field. Attribution of work-relatedness is based on designation of Workers’ Compensation Insurance as expected payer.

### Injuries per 10,000 FTE calculated as number of injury / FTE\*10,000; FTEs=total hours per year / 2000.

### Total hours worked for Massachusetts residents obtained from Current Population Survey, Bureau of Labor Statistics, Jan 2009 through Dec 2013.

### +Difference is significant based on 95% confidence intervals; however, the standard error of the denominator was not taken into account when calculating confidence intervals.

### Table 1. Summary of All Hospitalizations

(continued from previous page)

|  |  |  |
| --- | --- | --- |
|  |  | **All Hospitalizations** |
|  |  | N | % | Hospitalizations per 10,000 FTEs | 95% CI |
| **Nature of Injury** | **Fractures** | 105 | 34.9 | 0.8 | 0.6-0.9 |
| **Open wounds** | 34 | 11.3 | 0.3 | 0.2-0.3 |
| **Internal organ** | 26 | 8.6 | 0.2 | 0.1-0.3 |
| **Burns** | 21 | 7.0 | 0.2 | 0.1-0.2 |
| **Other b** | 43 | 14.3 | 0.3 | 0.2-0.4 |
| **Unspecified & Missing** | 72 | 23.9 | 0.5 | 0.4-0.7 |
| **External Cause of Injury** | **Falls** | 84 | 27.9 | 0.6 | 0.5-0.8 |
| **Struck by/against** | 39 | 13.0 | 0.3 | 0.2-0.4 |
| **Machinery** | 34 | 11.3 | 0.3 | 0.2-0.3 |
| **Cut/pierce** | 23 | 7.6 | 0.2 | 0.1-0.2 |
| **Motor vehicle traffic** | 23 | 7.6 | 0.2 | 0.1-0.2 |
| **Fire/burn** | 22 | 7.3 | 0.2 | 0.1-0.2 |
| **Other transportation** | 12 | 4.0 | 0.09 | 0.0-0.1 |
| **Other c** | 39 | 13.0 | 0.3 | 0.2-0.4 |
| **Unspecified & Missing** | 25 | 8.3 | 0.2 | 0.1-0.3 |

### (b) Other includes crushings, sprains, superficial/contusions, dislocations, blood vessels, nerve injuries, amputations, and system wide and late effects.

### (c) Other includes other specified, firearm, suffocation, drowning, poisonings, natural/environmental, overexertion, and not elsewhere classified.

### Nature of Injury and Body Region groupings are based on Barell Injury Matrix, Barell et al., *Inj Prev*, 2002 Jun;8(2):91-96

### External Cause of Injury groupings are based on ‘ICD-9 Framework for Presenting Injury Mortality Data,’ MMWR Recommendations and Reports, August 29, 1997, Volume 46/NORR-14.

### Table 2. Nature of Injury by Gender and Race & Ethnicity

N = Number of Hospitalizations

% = Percent of Hospitalizations

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Gender** | **Race/Ethnicity** |
|  |  | **Males** | **Females** | **White,****non-Hispanic** | **Hispanic** | **Other,****non-Hispanic** |
|  |  | N | % | N | % | N | % | N | % | N | % |
|  | **Total** | **255** | **100** | **46** | **100** | **206** | **100** | **50** | **100** | **24** | **100** |
| **Nature of Injury** | **Fractures** | 89 | 34.9 | 16 | 34.8 | 78 | 37.9 | 15 | 30.0 | b |  |
| **Open wounds** | 29 | 11.4 | b |  | 21 | 10.2 | b |  | b |  |
| **Internal organ** | 21 | 8.2 | b |  | 19 | 9.2 | b |  | b |  |
| **Burns** | 19 | 7.5 | b |  | b |  | b |  | b |  |
| **Othera**  | 37 | 14.5 | b |  | 26 | 12.6 | b |  | b |  |
| **Unspecified & Missing** | 60 | 23.5 | 12 | 26.1 | b |  | b |  | b |  |

### Source: Hospital Discharge Data, for 1 Jan 2009 through 31 Dec 2013, Massachusetts Center for Health Information and Analysis

### (a) Other includes crushings, sprains, superficial/contusions, dislocations, blood vessels, nerve injuries, amputations, and system wide and late effects.

### (b) Counts not shown for cells with less than 11 cases based on the CHIA rules pertaining to confidentiality.

### Numbers may not add to total due to missing information.

### A hospitalization for an injury is defined as any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field.

### Attribution of work-relatedness is based on designation of Workers’ Compensation Insurance as expected payer.

### Nature of Injury and Body Region groupings are based on Barell Injury Matrix, Barell et al., *Inj Prev*, 2002 Jun;8(2):91-96.

**Table 3. Nature of Injury by Body Region**

N = Number of Hospitalizations

% = Percent of Hospitalizations

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | **Hospitalizations** |
|  |  |  | N | % |
|  |  | **Total** | **301** | **100** |
| **Nature of Injury**by Body Region | **Fractures** | **105** | **34.9** |
| Extremities | 73 | 69.5 |
| Head & neck | 13 | 12.4 |
| **Open wounds** | **34** | **11.3** |
| Extremities | 27 | 79.4 |
| **Internal Organ** | **26** | **8.6** |
| Head & neck | 14 | 53.8 |
| Torso | 12 | 46.2 |
| **Burns** | **21** | **7.0** |
| Extremities | 17 | 81.0 |
| **Other**  | **43** | **14.3** |
| Extremities | 22 | 51.2 |
| **Unspecified & Missing** | **72** | **23.9** |

### Source: Hospital Discharge Data, for 1 Jan 2009 through 31 Dec 2013, Massachusetts Center for Health Information and Analysis.

### (a) Other includes sprains, superficial/contusions, dislocations, blood vessels, nerve injuries, amputations, and system wide and late effects.

### Counts not shown for cells with less than 11 cases based on the CHIA rules pertaining to confidentiality.

### Numbers may not add to total due to missing information. Not all subcategories shown for each nature of injury category.

### A hospitalization for an injury is defined as any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field.

### Attribution of work-relatedness is based on designation of Workers’ Compensation Insurance as expected payer.

### Nature of Injury and Body Region groupings are based on Barell Injury Matrix, Barell et al., Inj Prev, 2002 Jun;8(2):91-96

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**Table 4: External Cause of Injury**

N = Number of Hospitalizations

% = Percent of Hospitalizations

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | **Hospitalizations** |
|  |  |  | N | % |
|  |  | **Total** | **301** | **100** |
| **External Cause of Injury** | **Falls** | **84** | **27.9** |
| Fall to lower level | 21 | 25.0 |
| Fall to same level | 19 | 22.6 |
| Fall from ladder | 12 | 14.3 |
| Fall from building | 14 | 16.7 |
| Othera | 18 | 21.4 |
| **Struck by/against** | **39** | **13.0** |
| **Machinery** | **34** | **11.3** |
| **Cut/pierce** | **23** | **7.6** |
| **Motor vehicle traffic** | **23** | **7.6** |
| **Fire/burn** | **22** | **7.3** |
| Burn | 20 | 90.9 |
| **Other transportation** | **12** | **4.0** |
| **Otherb** | **39** | **13.0** |
| **Unspecified & Missing** | **25** | **8.3** |

### Source: Hospital Discharge Data, for 1 Jan 2009 through 31 Dec 2013, Massachusetts Center for Health Information and Analysis.

### Counts not shown for cells with less than 11 cases based on the CHIA rules pertaining to confidentiality.

### Numbers may not add to total due to missing information. Not all subcategories shown for each nature of injury category.

### A hospitalization for an injury is defined as any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field. Attribution of work-relatedness is based on designation of Workers’ Compensation Insurance as expected payer.

### (a) Other includes fall from stairs, fall from opening, and other falls.

### (b) Other includes other specified, firearm, suffocation, drowning, poisonings, natural/environmental, overexertion, and not elsewhere classified.

### External Cause of Injury groupings are based on ‘ICD-9 Framework for Presenting Injury Mortality Data,’ MMWR Recommendations and Reports, August 29, 1997, Volume 46/NORR-14.

**Table 5. Hospitalizations Distributed by Month**

N = Number of Hospitalizations

% = Percent of Hospitalizations

|  |  |  |
| --- | --- | --- |
|  |  | **Hospitalizations** |
|  |  | N | % |
|  | **Total** | **301** | **100** |
| **Month****of Injury** | **January** | 27 | 9.0 |
| **February** | 23 | 7.6 |
| **March** | 20 | 6.6 |
| **April** | 22 | 7.3 |
| **May** | 25 | 8.3 |
| **June** | 28 | 9.3 |
| **July** | 31 | 10.3 |
| **August** | 35 | 11.6 |
| **September** | 24 | 8.0 |
| **October** | 25 | 8.3 |
| **November** | 19 | 6.3 |
| **December** | 22 | 7.3 |

### Source: Hospital Discharge Data, for 1 Jan 2009 through 31 Dec 2013, Massachusetts Center for Health Information and Analysis.

### Counts not shown for cells with less than 11 cases based on the CHIA rules pertaining to confidentiality.

### A hospitalization for an injury is defined as any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field. Attribution of work-relatedness is based on designation of Workers’ Compensation Insurance as expected payer.