

## Section 5. Injury and the Prevention

### Section 5.2 Injury-related ER visits

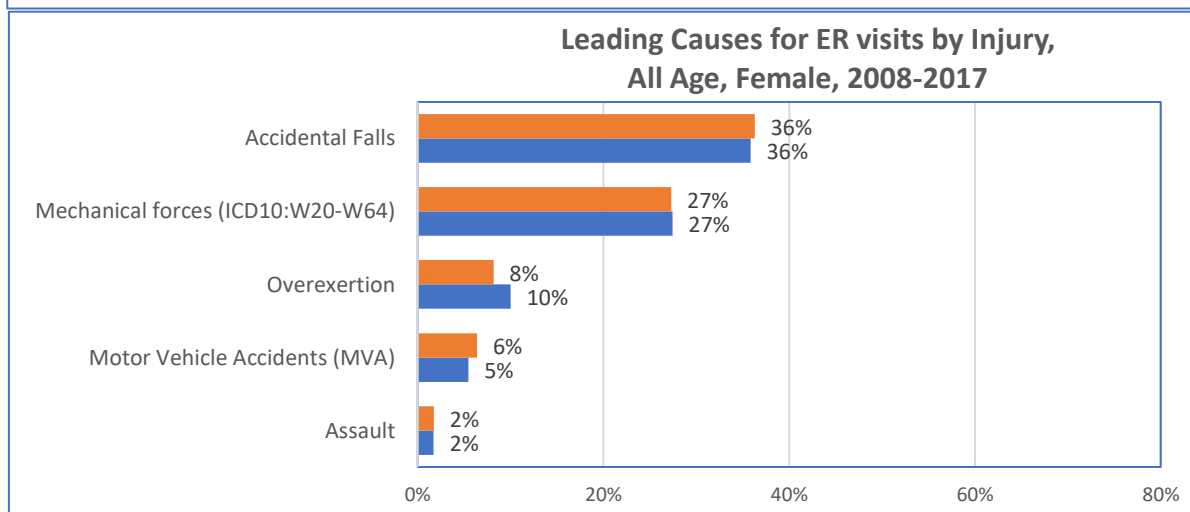
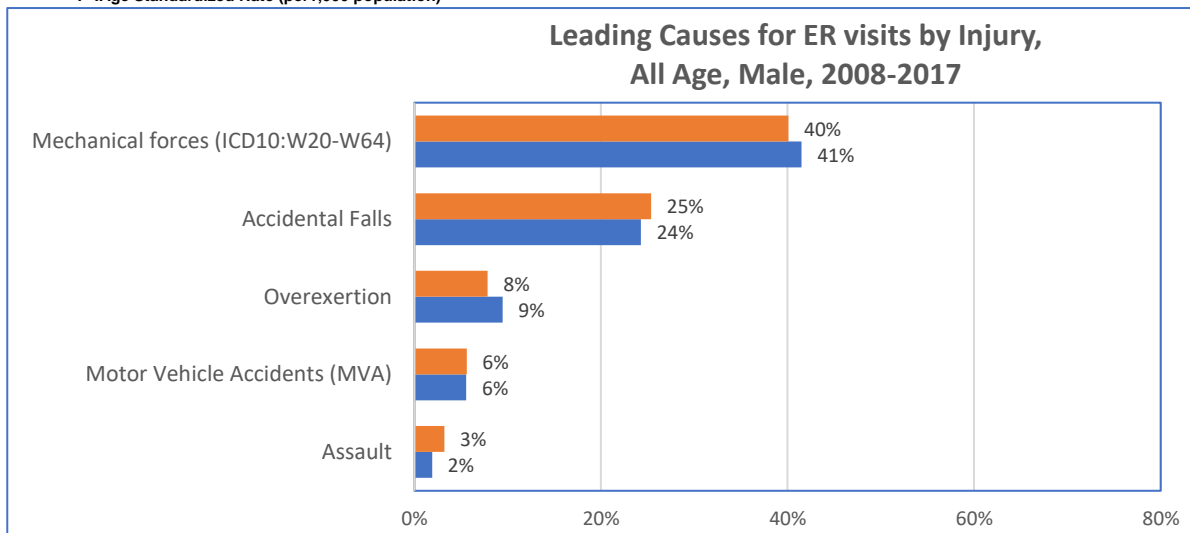
Data Source: IntelliHEALTH Database – Ontario Ministry of Health and Long-Term Care (MOHLTC)

Updated Jan. 2020

#### Leading Causes for Injury-related ER Visits

|               | No. | All Age                           | #      |         | %    |         | p*    |         |
|---------------|-----|-----------------------------------|--------|---------|------|---------|-------|---------|
|               |     |                                   | EOHU   | Ontario | EOHU | Ontario | EOHU  | Ontario |
| <b>Male</b>   | 5   | Assault                           | 2700   | 239902  | 2%   | 3%      | 2.8   | 3.5     |
|               | 4   | Motor Vehicle Accidents           | 7916   | 418404  | 6%   | 6%      | 8.1   | 6.2     |
|               | 3   | Overexertion                      | 13451  | 586686  | 9%   | 8%      | 13.8  | 8.7     |
|               | 2   | Accidental Falls                  | 34567  | 1896347 | 24%  | 25%     | 34.9  | 29.4    |
|               | 1   | Mechanical forces (ICD10:W20-W64) | 59079  | 2997478 | 41%  | 40%     | 60.0  | 44.5    |
|               |     | Total Injury                      | 142378 | 7478070 | 100% | 100%    | 144.5 | 112.3   |
| <b>Female</b> | 5   | Assault                           | 2001   | 107551  | 2%   | 2%      | 2.1   | 1.6     |
|               | 4   | Motor Vehicle Accidents           | 6358   | 392447  | 5%   | 6%      | 6.4   | 5.7     |
|               | 3   | Overexertion                      | 11658  | 501515  | 10%  | 8%      | 11.7  | 7.4     |
|               | 2   | Mechanical forces (ICD10:W20-W64) | 31928  | 1675684 | 27%  | 27%     | 32.2  | 24.7    |
|               | 1   | Accidental Falls                  | 41722  | 2227685 | 36%  | 36%     | 38.0  | 31.6    |
|               |     | Total Injury                      | 116395 | 6140370 | 100% | 100%    | 112.9 | 89.0    |

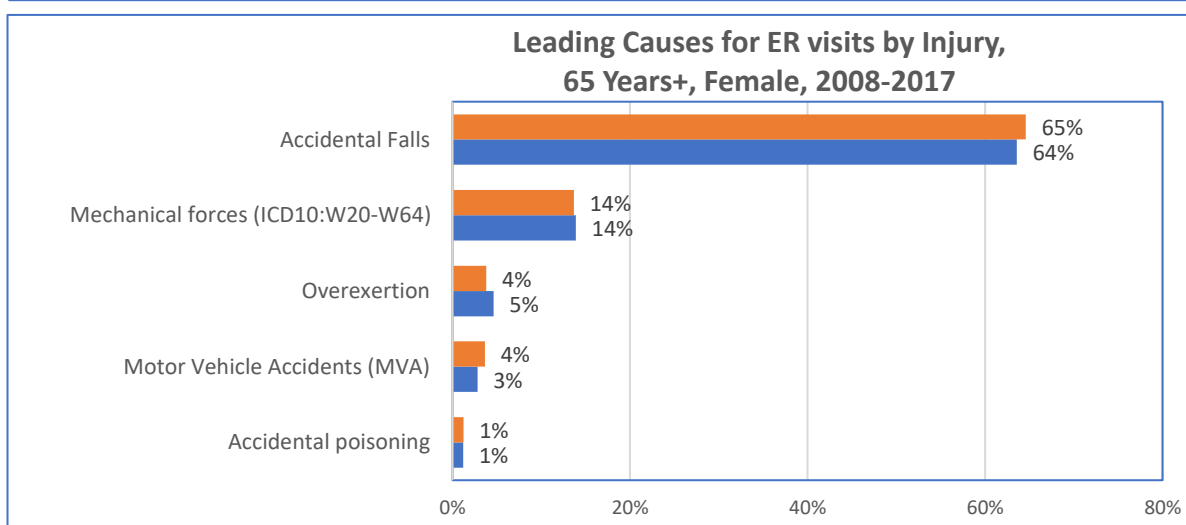
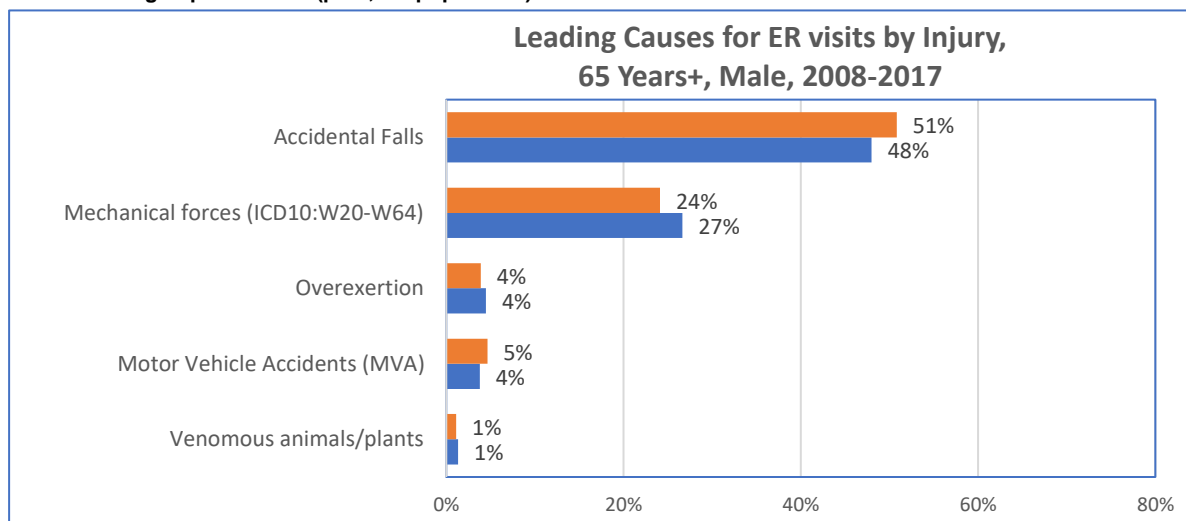
P\*: Age Standardized Rate (per 1,000 population)



### 65 Years & up

|               | No. |                                   | #            |                | %           |             | p*           |              |
|---------------|-----|-----------------------------------|--------------|----------------|-------------|-------------|--------------|--------------|
|               |     |                                   | EOHU         | Ontario        | EOHU        | Ontario     | EOHU         | Ontario      |
| <b>Male</b>   | 5   | Venomous animals/plants           | 237          | 9033           | 1%          | 1%          | 1.5          | 1.0          |
|               | 4   | Motor Vehicle Accidents           | 664          | 37430          | 4%          | 5%          | 4.1          | 4.1          |
|               | 3   | Overexertion                      | 790          | 31415          | 4%          | 4%          | 4.9          | 3.5          |
|               | 2   | Mechanical forces (ICD10:W20-W64) | 4691         | 194226         | 27%         | 24%         | 29.0         | 21.5         |
|               | 1   | Accidental Falls                  | 8452         | 409358         | 48%         | 51%         | 52.2         | 45.4         |
|               |     | <b>Total Injury</b>               | <b>17614</b> | <b>805361</b>  | <b>100%</b> | <b>100%</b> | <b>108.7</b> | <b>89.3</b>  |
| <b>Female</b> | 5   | Accidental poisoning              | 289          | 14897          | 1%          | 1%          | 1.5          | 1.3          |
|               | 4   | Motor Vehicle Accidents           | 678          | 43352          | 3%          | 4%          | 3.5          | 3.8          |
|               | 3   | Overexertion                      | 1118         | 45408          | 5%          | 4%          | 5.8          | 4.0          |
|               | 2   | Mechanical forces (ICD10:W20-W64) | 3354         | 162624         | 14%         | 14%         | 17.4         | 14.4         |
|               | 1   | Accidental Falls                  | 15328        | 768305         | 64%         | 65%         | 79.4         | 68.2         |
|               |     | <b>Total Injury</b>               | <b>24110</b> | <b>1189652</b> | <b>100%</b> | <b>100%</b> | <b>124.9</b> | <b>105.6</b> |

P\*:Age Specific Rate (per1,000 population)



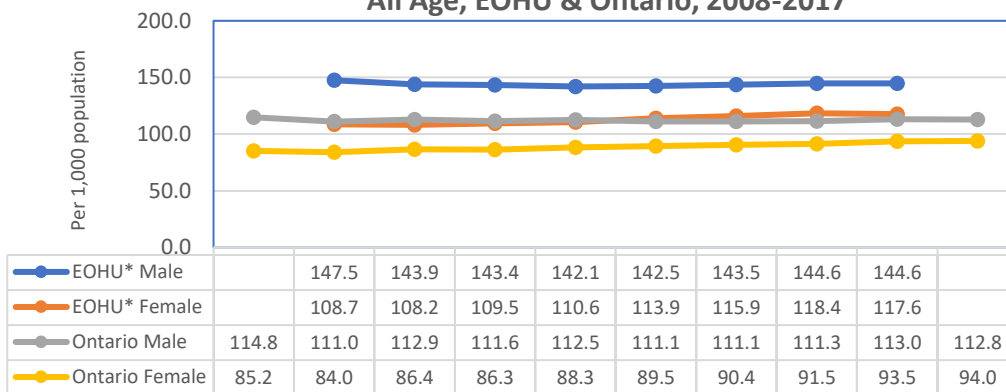
## Injury related ER visits

Description

|      | All Age                                  |        |         |        | 65 Years & Up                        |        |         |        |
|------|------------------------------------------|--------|---------|--------|--------------------------------------|--------|---------|--------|
|      | Age Standardized Rate (1,000 population) |        |         |        | Age Specific Rate (1,000 population) |        |         |        |
|      | EOHU*                                    |        | Ontario |        | EOHU                                 |        | Ontario |        |
|      | Male                                     | Female | Male    | Female | Male                                 | Female | Male    | Female |
| 2008 |                                          |        | 114.8   | 85.2   |                                      |        | 84.9    | 100.2  |
| 2009 | 147.5                                    | 108.7  | 111.0   | 84.0   | 104.5                                | 116.2  | 84.3    | 101.4  |
| 2010 | 143.9                                    | 108.2  | 112.9   | 86.4   | 103.6                                | 118.9  | 86.0    | 104.2  |
| 2011 | 143.4                                    | 109.5  | 111.6   | 86.3   | 105.2                                | 119.6  | 86.1    | 103.7  |
| 2012 | 142.1                                    | 110.6  | 112.5   | 88.3   | 105.9                                | 122.6  | 87.2    | 104.1  |
| 2013 | 142.5                                    | 113.9  | 111.1   | 89.5   | 108.1                                | 128.7  | 89.0    | 105.0  |
| 2014 | 143.5                                    | 115.9  | 111.1   | 90.4   | 109.0                                | 131.4  | 90.7    | 107.3  |
| 2015 | 144.6                                    | 118.4  | 111.3   | 91.5   | 112.6                                | 133.0  | 90.9    | 107.4  |
| 2016 | 144.6                                    | 117.6  | 113.0   | 93.5   | 114.3                                | 129.6  | 94.8    | 110.0  |
| 2017 |                                          |        | 112.8   | 94.0   |                                      |        | 94.7    | 110.2  |

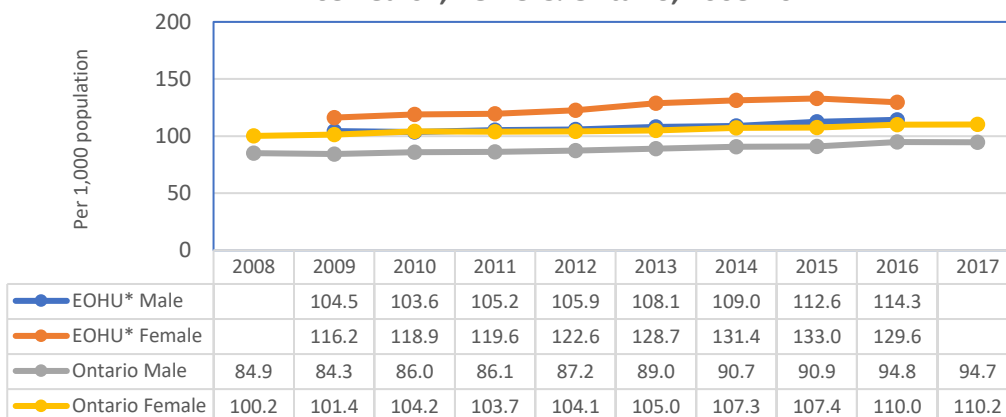
Compared to Provincial average,  $P < 0.05$

### Age Standardized Rate for total injury-related ER visits, All Age, EOHU & Ontario, 2008-2017



EOHU\*: 3 year average rate

### Age Specific Rate for total injury-related ER visits, 65 Years+, EOHU & Ontario, 2008-2017



EOHU\*: 3 year average rate

# Accidental Fall related ER visits

Description

|      | All Age                                  |        |         |        | 65 Years & Up                        |        |         |        |
|------|------------------------------------------|--------|---------|--------|--------------------------------------|--------|---------|--------|
|      | Age Standardized Rate (1,000 population) |        |         |        | Age Specific Rate (1,000 population) |        |         |        |
|      | EOHU*                                    |        | Ontario |        | EOHU                                 |        | Ontario |        |
|      | Male                                     | Female | Male    | Female | Male                                 | Female | Male    | Female |
| 2008 |                                          |        | 29.4    | 30.7   |                                      |        | 43.4    | 65.6   |
| 2009 | 33.5                                     | 35.4   | 28.2    | 29.9   | 49.2                                 | 72.1   | 42.1    | 65.9   |
| 2010 | 33.2                                     | 35.4   | 28.5    | 30.5   | 48.7                                 | 74.3   | 42.9    | 67.2   |
| 2011 | 34.4                                     | 36.8   | 28.6    | 30.6   | 49.1                                 | 75.9   | 43.5    | 67.2   |
| 2012 | 34.6                                     | 37.3   | 28.8    | 30.8   | 49.7                                 | 78.6   | 43.6    | 66.7   |
| 2013 | 35.1                                     | 38.9   | 29.4    | 31.7   | 51.7                                 | 82.9   | 45.7    | 67.6   |
| 2014 | 35.2                                     | 39.4   | 30.1    | 32.6   | 52.5                                 | 84.6   | 47.3    | 69.9   |
| 2015 | 36.5                                     | 40.9   | 29.2    | 32.1   | 56.0                                 | 85.5   | 45.9    | 69.1   |
| 2016 | 36.2                                     | 40.3   | 30.6    | 33.2   | 55.6                                 | 83.1   | 48.5    | 70.7   |
| 2017 |                                          |        | 30.4    | 33.2   |                                      |        | 48.5    | 70.7   |

