

Subject: 2006 Amusement Ride-Related Injuries\*

Estimates of the number of emergency-department treated injuries associated with amusement rides in 2006 may be obtained by querying <http://www.cpsc.gov/Library/NEISS.html>. This link directs you to the CPSC's National Electronic Injury Surveillance System (NEISS) On-Line feature. Once linked, clicking on the "Query NEISS" button at the bottom of the page will initiate the NEISS Estimate Query Builder Page. Listing the dates of interest (01/01/2006 to 12/31/2006) and the product code of 1293 will return the estimated number of emergency-department treated injuries associated with *amusement rides* in 2006.

Please notice that the estimated number of emergency-department treated injuries includes several *types of amusement rides*. That is, the annual estimate includes injuries associated with *fixed rides* in amusement or theme parks; *mobile rides* associated with carnivals, fairs or festivals; *inflatables* such as inflatable slides or "moon bounces"; coin-operated or free-play attractions at restaurants, shopping centers and water park (*local entertainment*); *rides with site unknown*, and *unknown if the product is a ride*.

The estimated number of 2006 emergency-department treated injuries associated with the italicized subcategories of ride types can be obtained by downloading the cases, assigning a subcategory based on the case narrative, and summing the value of the Weight associated with each case in the subcategory.

Crude estimates of the number of emergency-department treated injuries associated with amusement ride subcategory type can be obtained by multiplying the total national estimate generated using NEISS On-Line with product code 1293 by the fraction of historic injuries associated with each subcategory ride type. These fractions were estimated by CPSC staff as part of a special project study. Use of this crude estimation method assumes that subcategory injury estimates continue to follow historic patterns.

#### Historic Fraction of Injuries Associated with Amusement Ride Subcategory

| Fixed | Mobile | Inflatable | Local Entertainment | Unknown Site | Unknown Ride type | Total |
|-------|--------|------------|---------------------|--------------|-------------------|-------|
| 0.21  | 0.16   | 0.20       | 0.22                | 0.13         | 0.08              | 1.00  |

Source: CPSC's "Amusement Ride-Related Injuries and Deaths in the United States: 2005 Update." by Mark Levenson; September 7, 2005.

*\*This guidance was prepared by the CPSC staff, has not been reviewed or approved by, and may not necessarily reflect the views of, the Commission.*