

Appendix

Methodology

ED-Treated Injuries (In-Scope Data):

- Database: NEISS from 01/01/2021 through 12/31/2021 (2017 through 2020 NEISS analytical datasets from previous years were used for comparison purposes); date of extraction was 05/19/2022.
- Product codes: 1500–1599, excluding 1550.¹⁶ When multiple nursery products were coded as involved in an injury report, staff identified a “primary” product code based on the narrative description and used that for classification in this analysis.
- Age of victim: 0 through 4 years.
- Screened to ensure that no motor vehicle incidents were included.
- All cases of diaper rash (identified as side-effects of antibiotics use or exposure to prolonged moisture) were excluded.

Beginning with the 2016 report (using 2015 NEISS data), the injury estimates in annual reports on nursery products are based on non-incident, emergency department-treated injuries. The association of an incident/injury with a nursery product is incidental if the occurrence of the incident/injury is considered *not dependent* on the presence of that nursery product in the incident scenario. The exclusion of incidental injury cases aligns more closely with the way CPSC staff has prepared the CPSIA section 104 rulemaking packages for the Commission. Now that most of the nursery products discussed in this report have a mandatory rule in place, staff believes that annual estimates based on the non-incident data will provide a better tool for gauging the efficacy of the various standards.

Examples of Additional Screenings (Applied to In-Scope Data to Arrive at Non-Incidental Data):

- If the official diagnosis indicated that no injury had been sustained, the case was excluded.
- If the product’s involvement was incidental, such as a child being stung by a bee, or getting bitten by a dog while in an infant stroller, the case was excluded.
- If a child suffered a medical crisis while seated in a high chair (e.g., choking on food), or gained access to adult medication by climbing on a crib, the case was excluded.
- If a child was injured by other young children (e.g., pulled out of an infant swing by a young sibling), the case was excluded.

All ED-treated injury estimates/analyses in this report are based on non-incident data.

Deaths:

- Databases: CPSRMS and NEISS from 01/01/2017 through 12/31/2019; date of extraction was 08/08/2022.

Information available from CPSRMS and NEISS on incidents that have not been investigated is often incomplete or provides insufficient information on the hazard scenario. If these incident reports are investigated later, or as other associated reports come in, the

¹⁶ Product code 1550 (*Infant and Toddler Play Centers excluding Jumpers, Bouncers, and Exercisers*) represents a toy, not a nursery product.

