



The U.S. Consumer Product Safety Commission

CAP Database

Children and Poisoning

John W. Boja, Ph.D.

These comments are those of the CPSC staff, have not been reviewed or approved by, and may not necessarily reflect the views of, the Commission.

What is CAP?

- **Subset of NEISS**
- **Additional codes added to NEISS to more specifically identify a substance and formulation**

Why Develop CAP?

- **NEISS is a large data set**
- **NEISS codes are not specific to PPPA**
- **No formulation codes for each substance**

Selection Criteria

- **Age under 5 years AND**
- **NEISS code diagnosis of:**
 - **68 Poisoning**
 - **49 Chemical burn**
 - **41 Ingestion**

Additional CAP Codes

- **4 Additional data fields**
- **Additional data taken from NEISS comment field**
- **Menu driven**

1st Field

- **Product (2 Characters + 4 Numbers)**
 - Type of drug / chemical
 - Major drug / chemical classification
 - Drug / chemical type
 - Specific brand (brand name)
- **Descriptor (automatically entered)**

2nd Field

- **Formulation**

- **Solid**

- **Transdermal patch**

- **Powder**

- **Crème or gel**

- **Liquid**

- **Aerosol**

- **Gas or vapor**

- **Unknown**

3rd Field

- **Combination**
 - **Yes**
 - **No**
 - **Unknown**

Other Differences

- **Multiple ingestions**
- **Medication error**
- **Human vs. veterinary use**

CAP compared to NEISS

CAP allows

- Precise drug/chemical classification
- Drug/chemical formulation
- Drug/chemical combinations
- Allows for multiple ingestions
- Limited number of cases
 - age
 - type of injury
 - product(s)