

Handout 1

Guidelines for Obtaining and Understanding Specific Injury Data

The California Department of Health Services Epidemiology and Prevention for Injury Control (EPIC) Branch created the EPICenter – an online source of California Injury Data. The EPICenter provides accurate, timely and objective information on injuries in California. It is the most complete source of injury data for California. On this site, you can easily answer your specific questions about injury in California and its 58 counties.

Following are two examples of county specific analysis of falls data and the steps to obtain the data from the EPICenter at <http://www.applications.dhs.ca.gov/epicdata/>

Example 1: Fatal Fall Injuries in Orange County for Children ages 0-5 years, 1997-2001

- Step 1: Access <http://www.applications.dhs.ca.gov/epicdata/> web page
- Step 2: Under Create Custom Data Tables, select fatal data
- Step 3: Select years for which you want data (1997-2001)
- Step 4: Select cause (Unintentional fall)
- Step 5: Select county (Orange)
- Step 6: Indicate age range (0-5 years)
- Step 7: Select first level of detail (Cause of injury [ICD-9/ICD-10 codes])
- Step 8: Select second level of detail (Age single year: 0,1,2,3,etc)
- Step 9: Select display table

Below is an example of the table that would be displayed.

Fatal Injuries, 1997 to 2001 Orange County Residents ICD9 and ICD 10: Unintentional - Fall, 0 through 5 years of age		
Causes	Age in Years	N
8809	0	2
882	1	1
	2	1
8830	4	1
8849	1	1
W10	0	1
W17	0	1
	4	1
W18	0	2
		11 total cases

In summary for Orange County for 1997-2001, there were eleven children ages 0-5 years who died from falls. Six children were less than 1 year of age, 2 one year olds, 1 two year old and 2 four year olds.

Step10: Refer to the ICD Codes to determine causes of injury deaths

ICD-9 Codes

- 8809 – 2 children - Fall on or from other stairs or steps
- 882 – 2 children - Fell out of building
- 8830 – 1 child - Accident from diving or jumping into water
- 8849 – 1 child - Other fall from one level to another

ICD10 codes

- W10 – 1 child - Fall on and from stairs and steps
- W17 – 2 children - Other fall from one level to another
- W18 – 2 children - Other fall on same level

Example 2 Injury Hospitalizations, San Joaquin County 4-8 year olds, 2001

- Step 1: Access <http://www.applications.dhs.ca.gov/epicdata/> web page
- Step 2: Under Create Custom Data Tables, select nonfatal data
- Step 3: Select years for which you want data (2001)
- Step 4: Select cause (Unintentional fall)
- Step 5: Select county (San Joaquin)
- Step 6: Indicate age range (4-8 years)
- Step 7: Select first level of detail (Cause of injury [ICD-9 E-Codes])
- Step 8: Select display table

Below is an example of the table that would be displayed

Nonfatal Hospitalized Injuries, 2001 San Joaquin County Residents Unintentional - Fall, 4 through 8 years of age	
Cause of Injury (ICD-9 E-Codes)	N
8809	2
8810	1
882	1
8840	14
8842	4
8844	4
8845	1
8849	7
8852	1
8853	1
8859	2
888	3
8889	2
	43 total cases

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Source: California Office of Statewide Health Planning and Development, Patient Discharge Data.
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Step 9: Refer to the ICD Codes to determine causes of injury hospitalizations

- 8809 Fall on or from other stairs or steps
- 8810 Fall from ladder
- 882 Fall from or out of building or other structure
- 8840 Fall from playground equipment
- 8842 Fall from chair
- 8844 Fall from bed
- 8845 Fall from other furniture
- 8849 Other fall from one level to another
- 8852 Fall from skateboard
- 8853 Fall from skis
- 8859 Fall from other slipping, tripping, or stumbling
- 888 Other and unspecified fall
- 8889 Unspecified fall

Step 10: If you also selected Primary Diagnosis (Body part injured), you would find that 11 of the injuries to children who were injured from falls off of playground equipment were hospitalized for upper extremity injuries, 2 for traumatic brain injuries and 1 for torso injuries. See below for abstraction from table that would be displayed.

Nonfatal Hospitalized Injuries, 2001 San Joaquin County Residents Unintentional - Fall, 4 through 8 years of age		
Cause of Injury (ICD-9 E-Codes)	Primary Diagnosis (Body part injured)	N
8809	Other head and neck	1
	Torso	1
8810	Upper extremities	1
882	Lower extremities	1
8840	Torso	1
	Traumatic brain injury	2
	Upper extremities	11