CLICK ON DATA ELEMENT BELOW TO JUMP TO DESCRIPTION

Age
Age Group
Air Bag Deployment
Alcohol Present for Person
Alcohol or Drugs Present for Person
Alcohol Present in Crash
Charges –ER & Inpatient
Citation Issued in Crash
City of Crash
Commercial Motor Vehicle Crash
Construction Zone Crash
Costs – Medical, Other, Quality of Life
County of Crash
Crash Configuration
Crash Type
Day of Week
Died
Died – Scene, Transit, Health Facility
Driver Contributing Condition
Driver Doing
Drugs Present in Crash
Drugs Present for Person
Ethnicity
EMS Transport
Emergency Dept. Visit
Highway Type
Hospitalized
Hour of Crash
Injury Level (KABCU)
Injury Severity Score
Length of Stay
Light Condition
Manner of Collision
Month of Crash
Passenger Vehicle Occupant
Posted Speed Limit
Race
Roadway Condition
Role of Individual (Driver, etc.)
Rural / Urban Location
Safety Equipment Used
Sex
Vehicle Contributing Condition
Vehicle Type
Weather
Year
Years of Person Life Lost
Age and Sex are missing in 8-10% of cases every year. Police are required to collect age and sex if:

- The crash victim is a driver or motorcycle/moped operator.
- The police officer believes that a person may be injured.

Many officers also make an effort to collect this information for every person involved in a crash, regardless of their role or injury status. The net result is that about 10% of persons involved in Motor Vehicle Crashes every year are missing age and sex information.

Values range from 0-96, 99=Missing; AN AGE RANGE CAN BE SELECTED

Age is categorized into the following groups:

0-5  6-10  11-14  15-18  19-24
25-34 35-54  55-64  65-74  75+  Missing

Applies to all crash victims. The categories of the analytic element are:

- Male
- Female
- Unknown

This data element is set at the individual passenger level and indicate whether the passengers air bag was deployed during the crash.

The values of this element are:

- Deployed
- Not Deployed
- Not Applicable
- Unknown
ALCOHOL/DRUG RELATED ELEMENTS

The Alcohol and Drug related selection elements and analysis elements are based both at the person and at the crash level. If the police officer indicated that alcohol or drugs were present for drivers, operators of motorcycles or mopeds, bicyclists or pedestrians, then alcohol was present for the “Person” AND for the “Crash”. Note that passengers of motor vehicles are not included in determining if alcohol or drugs were present for the crash.

For example, if the officer indicates that alcohol was present for operator of a passenger vehicle, and the crash involved two other passenger vehicles, all persons in the three passenger vehicles would have the alcohol flag set to “YES” at the crash level. However, only the driver of the vehicle with alcohol present would have the alcohol present flag set at the individual level. This differentiation allows users to select either all persons involved in alcohol related crashes, or to only select drivers or other persons with alcohol present.

Note that this indicator/element is not related to Blood Alcohol Content tests or other tests performed by the officer or elsewhere. It is related only to the officers indicating that alcohol or drugs were present in the crash. This same definition is used nationally to define and report alcohol/drug related crash statistics.

ALCOHOL PRESENT IN CRASH (Selection Element, Row Element)
The values of this element are Yes and No.

ALCOHOL OR DRUGS PRESENT IN CRASH (Selection Element, Row Element)
The values of this element are Yes and No.

DRUGS PRESENT IN CRASH (Selection Element, Row Element)
The values of this element are Yes and No.

ALCOHOL PRESENT FOR PERSON (Selection Element)
The values for this element are Yes and No.

DRUGS PRESENT FOR PERSON (Selection Element)
The values for this element are Yes and No.

ALCOHOL OR DRUGS PRESENT FOR PERSON (Selection Element)
The values for this element are Yes and No.
CHARGES – EMERGENCY ROOM AND INPATIENT HOSPITAL
(Outcome Elements only)
Facility reported total charges for discharged victims.

Note: Hospital and ER charges are not representative of either the costs of providing medical care, nor of the amounts paid to medical facilities for services rendered. They are, at best, a simple metric indicative of the relative costs associated with a given patient. We suggest using estimated costs available with this data as a more appropriate metric for estimating resource utilization and intensity related to patient care (see below).

CITATION ISSUED (Selection Element, Row Element)

This selection and analysis element is set to "YES" for all victims involved in a crash if the officer issues a citation to any of the motor vehicle drivers, motorcycle/moped operators, bicycle operators or pedestrians involved in the crash.

The values of this element are Yes and No.

CITY OF CRASH (Selection Element, Row Element)

Applies to all crash victims. The categories of this analytic element are:
  Appleton
  Beloit
  Brookfield
  Eau Claire
  Fond du Lac
  Grand Chute
  Green Bay
  Greenfield
  Janesville
  Kenosha
  La Crosse
  Madison
  Manitowoc
  Menasha
  Menomonee Falls
  Milwaukee
  Neenah
  New Berlin
  Oak Creek
  Onalaska
  Oshkosh
  Racine
  Sheboygan
  Stevens Point
  Superior
  Waukesha
  Wausau
  Wausau
  Wauwatosa
  West Allis

MULTIPLE CITIES CAN BE SELECTED
COMMERCIAL MOTOR VEHICLE CRASH (Selection Element, Row Element)

This selection and analysis element is set to "YES" for all victims involved in a crash if a commercial motor vehicle -- greater than 10,000 pounds in weight -- is involved in the crash.  *This element is only available from 2010 on.*

The values of this element are Yes and No.

CONSTRUCTION ZONE CRASH (Selection Element, Row Element)

This selection and analysis element is set to "YES" for all victims involved in a crash if the crash occurs in a roadway construction zone.

The values of this element are Yes and No.

COSTS – MEDICAL/OTHER/QUALITY OF LIFE  (Outcome Elements Only)

Three estimated types of costs for crash victims are provided:
- Estimated full medical costs
- Estimated Other Costs
- Estimated Quality of Life Costs (which is akin to pain and suffering costs)

For a detailed discussion of how these are estimated, go to:  

For a detailed presentation on how these are estimated go to:  

COUNTY OF CRASH (Selection Element, Row Element)

Applies to all crash victims.  All Wisconsin counties are present.

*MULTIPLE COUNTIES CAN BE SELECTED*
**CRASH CONFIGURATION** (Row Element)

This analysis element is set at the "Crash" level and is applied to all victims of the specific crash involved. The categories for this element are:

- Mult Veh Head-On
- Mult Veh Rear-End
- Mult Veh Sideswipe
- Side, Front Damage
- Side, Near Occupant
- Side, Not Near Occupant
- Vehicle, Fixed Obj
- Vehicle, Moveable Obj
- Vehicle, Overturned
- Vehicle, Off Road
- Cycle-Striker
- Cycle-Struck
- x Other
- z Missing

**CRASH TYPE** (Row Element)

This element provides detail on the nature of the crash. It applies to all crash victims. The values of this element are:

- Vehicle in Transport
- Parked Vehicle
- Deer
- Bicycle
- Pedestrian
- Train
- Other Animal
- Object on Road
- Object-Not Fixed
- Traffic Sign Post
- Traffic Signal
- Utility Pole
- Luminescent Light Support
- Other Post
- Tree
- Mailbox
- Guardrail Face
- Guardrail End
- Median Barrier
- Bridge Parapet End
- Bridge/Pier/Abut
- Impact Attenuator
- Overhead Sign Post
- Bridge Rail
- Culvert
- Ditch
- Curb
<table>
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<tr>
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<tr>
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<tr>
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</tr>
<tr>
<td>Immersion</td>
</tr>
<tr>
<td>Jackknife</td>
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<tr>
<td>x Other Non-Collision</td>
</tr>
<tr>
<td>z Unknown</td>
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</tbody>
</table>

**DAY OF WEEK OF CRASH (Row Element)**

Applies to all crash victims. Values are:


**DIED (Row Element, Outcome Element)**

Applies to all crash victims. Values are Yes and No.

**DIED – CATEGORIZED (Row Element, Outcome Elements)**

Applies to all crash victims. Values are:

- Died at Scene of Crash
- Died Enroute
- Died at Medical Facility
- Did not Die

**DRIVER CONTRIBUTING CONDITION (Row Element)**

This analysis element is reported when the officer believes that a driver operated their vehicle in a way which helped cause the crash. The element ONLY applies to a given driver -- not to other victims of the crash. If this element is reported on, ONLY THE DRIVER should be selected from the crash data using the "DRIVER" selection element. The categories of the analytic element are:

- Alcohol/Drugs
- Exceed Speed Limit
- Speed Fast for Cond
- Failed Yield Way
- Inattentive Driving
- Following Too Close
- Improper Turn
- Left of Center
- Disrgd Traffic Cntl
- Improper Overtake
- Unsafe Backing
- Failure to Control
- Driver Condition
- Physically Disabled
- Other
DRIVER DOING (Row Element)
The element ONLY applies to a given driver -- not to other victims of the crash. If this element is reported on, ONLY THE DRIVER should be selected from the crash data using the "DRIVER" selection element. The categories of the analytic element are:
- Going Straight
- Left Turn
- Right Turn
- Slow Stopping
- Stop in Traffic
- Legally Parked
- Illegally Parked
- Park Maneuver
- Backing
- Changing Lanes
- Overtake Left
- Overtake Right
- U Turn
- Turn on Red
- Merging
- Negotiate a Curve
- Doing Else
- Unknown/Missing

EMS TRANSPORT FROM CRASH (Outcome Element)
Applies to all crash victims. Values are Yes and No.

EMERGENCY ROOM VISIT POST CRASH (Outcome Element Only)
Applies to all crash victims. Values are Yes and No.

ETHNICITY (Row Element)
1 = Hispanic  2 = Non-Hispanic  6 = Unknown
Element is from inpatient/ED data and is only available for linked cases

HIGHWAY TYPE THAT CRASH OCCURRED ON
(Selection Element, Row Element)
Applies to all crash victims.
The categories of this analytic element are:
- Local Road
- County Road
- State Highway
- Federal Interstate
- Other
**HOSPITALIZED** (Outcome Element Only)

Applies to all crash victims. Values are Yes and No.

**HOUR OF CRASH** (Row Element)

This element applies to all crash victims. It’s values are:

1. Midnite to 1am
2. 1am to 2am
3. 2am to 3am
4. 3am to 4am
5. 4am to 5am
6. 5am to 6am
7. 6am to 7am
8. 7am to 8am
9. 8am to 9am
10. 9am to 10am
11. 10am to 11am
12. 11am to Noon
13. Noon to 1pm
14. 1pm to 2pm
15. 2pm to 3pm
16. 3pm to 4pm
17. 4pm to 5pm
18. 5pm to 6pm
19. 6pm to 7pm
20. 7pm to 8pm
21. 8pm to 9pm
22. 9pm to 10pm
23. 10pm to 11pm
24. 11pm to Midnight

**INJURY LEVEL (KABCU) – POLICE REPORTED INJURY SCALE** (Row Element)

Reported by the Police Officer at the scene of the crash. Applies to all crash victims. Values are:

- Incapacitating Injury
- Non-Incapacitating Injury
- Potential Injury
- Fatality
- Not Injured/Unknown

**INJURY SEVERITY SCALE - ICD-9 CM BASED** (Outcome Element only)

Scale developed nationally in the 1970s and 1980s. It is based on expert panel rankings of ICD-9 diagnostic codes. It applies ONLY to crash victims who had a post-crash ER visit or a post-crash hospitalization. Values are:
1 = Minor
2 = Moderate
3 = Serious
4 = Severe
5 = Critical
6 = Maximum
Missing

Ordinal scale ranging from 1-6 is used to provide average injury severity score in the standard reports.

**LENGTH OF STAY** (Outcome Element Only)

Applies ONLY to crash victims with a post-crash hospitalization. Values range from 0 to 999, and missing.

**LIGHT CONDITION AT TIME OF CRASH** (Row Element)

Applies to all crash victims.

The categories of this analytic element are:
- Daylight
- Dark/Unlit
- Dark/Lighted
- Dawn
- Dusk
- Unknown/Missing

**MANNER OF COLLISION** (Row Element)

The element applies to all victims of the crash. The categories of the analytic element are:
- No Collision
- Rear End
- Head On
- Rear to Rear
- Angle
- Side Same Direction
- Side Opposite Dir
- Unknown

**MONTH OF CRASH** (Row Element)

Applies to all crash victims. Values are:
- 1 January
- 2 February
- 3 March
- 4 April
- 5 May
- 6 June
### PASSENGER VEHICLE (Selection Element Only)

- Occupant of Passenger Vehicle: Yes/No

### POSTED SPEED LIMIT AT CRASH SITE (Row Element)

Applies to all crash victims. The values for this element are:
- 5-20mph
- 21-25mph
- 26-35mph
- 36-50mph
- 51-55mph
- 55+mph
- Missing

### RACE (Row Element)

1=American Indian  2=Asian  3=Black  4=White  5=Other  6=Unknown

Element is from inpatient/ED data and is only available for linked records.

### ROADWAY CONDITION (Row Element)

This element provides the condition of the roadway where the crash occurred. It applies to all crash victims. It is often missing.

The categories of the analytic element are:
- Dry
- Wet
- Snow/Slush
- Ice
- Sand/Mud/Dirt/Oil
- Other
- x Unknown

### ROLE OF CRASH VICTIM (Selection Element, Row Element)

This element uniquely identifies what the role of every crash victim.

The categories of the analytic element are:
- Driver
- Motorcyclist (Operator or Passenger)
- Bicyclist
- Passenger (of motor vehicle)
- Moped (Operator or Passenger)
- Pedestrian

### RURAL/URBAN LOCATION OF CRASH (Selection Element, Row Element)

Applies to all crash victims. The categories of the analytic element are:
Rural (Political subunit which is unincorporated and has less than 2500 residents)
Urban (Not Rural)

Values for selection element for this is:

RURAL – values are Yes and No
URBAN – values are Yes and No

**SAFETY EQUIPMENT USED** *(Row Element)*

Applies to all crash victims. The categories of the analytic element are:
1 Shoulder Belt
2 Lap Belt
3 Child Restraint
4 Helmet
5 Goggles
6 Helmet & Goggles
7 None/NA
8 Unknown

**SEX OF CRASH VICTIM** *(Selection Element, Row Element)*

Applies to all crash victims. The categories of the analytic element are:
Male    Female    Unknown

**VEHICLE CONTRIBUTING CONDITION TO CRASH** *(Row Element)*

Vehicle conditions which the officer feels may have contributed to crash.
Applies to all crash victims. The categories of the analytic element are:

Brakes
Tires
Steering
Turn Signals
Head Lamps
Stop Brakes
Tail Lamps
Dsbld Prev Accd
Other Disabled
Mirrors
Suspension
x Other
z Unknown/Not Applicable

**VEHICLE TYPE FOR VICTIM** *(Row Element)*
Applies to all crash victims. The categories of the analytic element are:

- Passenger Car
- Police Emergency
- Utility Truck
- Straight Truck
- Truck Tractor
- Motor Home
- Ambulance on Emerg
- Fire Truck on Emerg
- Motorcycle
- Moped
- School Bus
- School Transport
- Passenger Bus
- Farm Tractor
- Oth Machine
- Railway Train
- Snow Plow
- Snowmobile/ATV
- Miscellaneous
- Bicycle
- Pedestrian
- Other/Unknown

**WEATHER CONDITION** (Row Element)
Applies to all crash victims. The categories of the analytic element are:

- Clear
- Cloudy
- Rain
- Snow
- Fog/Smog
- Sleet/Hail
- Blowing Materials
- Severe Winds
- Other
- Unknown

**YEAR** (Selection Element, Row Element)
Years range from 2009 forward.
*Multiple Years Can Be Selected*

**YEARS OF PERSON LIFE LOST - YPLL** (Outcome Element)
If a person dies, set equal to 75 minus Age. If 75 or older, set to 0.