



# Collisions—All Years

## Data Set Summary

| <i>Data Set Basics</i>          |   |
|---------------------------------|---|
| <b>Title</b>                    | Collisions—All Years  |
| <b>Abstract</b>                 | All collisions provided by SPD and recorded by Traffic Records.   |
| <b>Description</b>              | This includes all types of collisions. Collisions will display at the intersection or mid-block of a segment. Timeframe: 2004 to Present. |
| <b>Supplemental Information</b> |   |
| <b>Update Frequency</b>         | Weekly  |
| <b>Keyword(s)</b>               | SDOT, Seattle, Transportation, Accidents, Bicycle, Car, Collisions, Pedestrian, Traffic, Vehicle  |
| <i>Contact Information</i>      |   |
| <b>Contact Organization</b>     | SDOT Traffic Management Division, Traffic Records Group   |
| <b>Contact Person</b>           | SDOT GIS Analyst  |
| <b>Contact Email</b>            | DOT_IT_GIS@seattle.gov  |

## Attribute Information

| Attribute | Data type, length | Description   |
|-----------|-------------------|---|
| OBJECTID  | ObjectID          | ESRI unique identifier  |
| SHAPE     | Geometry          | ESRI geometry field   |
| INCKEY    | Long              | A unique key for the incident   |
| COLDKEY   | Long              | Secondary key for the incident  |
| ADDRTYPE  | Text, 12          | Collision address type: <ul style="list-style-type: none"><li>• <b>Alley</b></li><li>• <b>Block</b></li><li>• <b>Intersection</b></li></ul> |
| INTKEY    | Double            | Key that corresponds to the intersection associated with a collision  |



## ArcGIS Metadata Form

| Attribute       | Data type, length | Description  |
|-----------------|-------------------|--|
| LOCATION        | Text, 255         | Description of the general location of the collision   |
| EXCEPTRSNCODE   | Text, 10          |  |
| EXCEPTRSNDESC   | Text, 300         |  |
| SEVERITYCODE    | Text, 100         | A code that corresponds to the severity of the collision: <ul style="list-style-type: none"> <li>• <b>3</b>—fatality</li> <li>• <b>2b</b>—serious injury</li> <li>• <b>2</b>—injury</li> <li>• <b>1</b>—prop damage</li> <li>• <b>0</b>—unknown</li> </ul> |
| SEVERITYDESC    | Text              | A detailed description of the severity of the collision  |
| COLLISIONTYPE   | Text, 300         | Collision type   |
| PERSONCOUNT     | Double            | The total number of people involved in the collision   |
| PEDCOUNT        | Double            | The number of pedestrians involved in the collision. This is entered by the state.   |
| PEDCYLCOUNT     | Double            | The number of bicycles involved in the collision. This is entered by the state.  |
| VEHCOUNT        | Double            | The number of vehicles involved in the collision. This is entered by the state.  |
| INJURIES        | Double            | The number of total injuries in the collision. This is entered by the state.   |
| SERIOUSINJURIES | Double            | The number of serious injuries in the collision. This is entered by the state.   |
| FATALITIES      | Double            | The number of fatalities in the collision. This is entered by the state.   |
| INCDATE         | Date              | The date of the incident.  |
| INCDTTM         | Text, 30          | The date and time of the incident.   |
| JUNCTIONTYPE    | Text, 300         | Category of junction at which collision took place   |
| SDOT_COLCODE    | Text, 10          | A code given to the collision by SDOT.   |
| SDOT_COLDESC    | Text, 300         | A description of the collision corresponding to the collision code.  |
| INATTENTIONIND  | Text, 1           | Whether or not collision was due to inattention. (Y/N)   |
| UNDERINFL       | Text, 10          | Whether or not a driver involved was under the influence of drugs or alcohol.  |



## ArcGIS Metadata Form

| Attribute     | Data type, length | Description   |
|---------------|-------------------|---|
| WEATHER       | Text, 300         | A description of the weather conditions during the time of the collision.   |
| ROADCOND      | Text, 300         | The condition of the road during the collision.   |
| LIGHTCOND     | Text, 300         | The light conditions during the collision.  |
| PEDROWNOTGRNT | Text, 1           | Whether or not the pedestrian right of way was not granted. (Y/N)   |
| SDOTCOLNUM    | Text, 10          | A number given to the collision by SDOT.  |
| SPEEDING      | Text, 1           | Whether or not speeding was a factor in the collision. (Y/N)  |
| ST_COLCODE    | Text, 10          | A code provided by the state that describes the collision. For more information about these codes, please see the <a href="#">State Collision Code Dictionary</a> . |
| ST_COLDESC    | Text, 300         | A description that corresponds to the state's coding designation.   |
| SEGLANEKEY    | Long              | A key for the lane segment in which the collision occurred.   |
| CROSSWALKKEY  | Long              | A key for the crosswalk at which the collision occurred.  |
| HITPARKEDCAR  | Text, 1           | Whether or not the collision involved hitting a parked car. (Y/N)   |

## State Collision Code Dictionary

| Code | Description  |
|------|--|
| 0    | Vehicle Going Straight Hits Pedestrian                             |
| 1    | Vehicle Turning Right Hits Pedestrian                              |
| 2    | Vehicle Turning Left Hits Pedestrian                               |
| 3    | Vehicle Backing Hits Pedestrian                                    |
| 4    | Vehicle Hits Pedestrian - All Other Actions                        |
| 5    | Vehicle Hits Pedestrian - Actions Not Stated                       |
| 10   | Entering At Angle  |
| 11   | From Same Direction -Both Going Straight-Both Moving- Sideswipe    |
| 12   | From Same Direction -Both Going Straight-One Stopped- Sideswipe    |
| 13   | From Same Direction - Both Going Straight - Both Moving - Rear End |



## ArcGIS Metadata Form

|    |   |
|----|---|
| 14 | From Same Direction - Both Going Straight - One Stopped - Rear End      |
| 15 | From Same Direction - One Left Turn - One Straight                      |
| 16 | From Same Direction - One Right Turn - One Straight                     |
| 19 | One Car Entering Parked Position  |
| 20 | One Car Leaving Parked Position   |
| 21 | One Car Entering Driveway Access  |
| 22 | One Car Leaving Driveway Access   |
| 23 | From Same Direction - All Others  |
| 24 | From Opposite Direction - Both Moving - Head On                         |
| 25 | From Opposite Direction - One Stopped - Head On                         |
| 26 | From Opposite Direction - Both Going Straight - sideswipe               |
| 27 | From Opposite Direction - Both Going Straight - One Stopped - sideswipe |
| 28 | From Opposite Direction - One Left Turn - One Straight                  |
| 29 | From Opposite Direction - One Left Turn - One Right Turn                |
| 30 | From Opposite Direction - All Others                                    |
| 31 | Not Stated  |
| 32 | One Parked - One Moving   |
| 40 | Train Struck Moving Vehicle   |
| 41 | Train Struck Stopped or Stalled Vehicle                                 |
| 42 | Vehicle Struck Moving Train   |
| 43 | Vehicle Struck Stopped Train  |
| 44 | Unicycle  |
| 45 | Bicycle   |
| 46 | Tricycle  |
| 47 | Domestic Animal (horse, cow, sheep, etc)                                |
| 48 | Domestic Animal Other (Cat, Dog etc)                                    |
| 49 | Non Domestic Animal (deer, bear, elk, etc)                              |
| 50 | Struck Fixed Object   |
| 51 | Struck Other Object   |
| 52 | Vehicle Overturned  |
| 53 | Person Fell, Jumped, or was Pushed From Vehicle                         |
| 54 | Fire Started In Vehicle   |
| 55 | Accidently Overcame By Carbon Monoxide Poison                           |



## ArcGIS Metadata Form

|    |   |
|----|---|
| 56 | Breakage Of Any Part Of the Vehicle Resulting In Injury or in Further Property Damage |
| 57 | All Other Non-Collisions  |
| 60 | Vehicle Hits State Road or Construction Machinery                                     |
| 61 | Vehicle Struck By State Road or Construction Machinery                                |
| 62 | Vehicle Hits County Road or Construction Machinery                                    |
| 63 | Vehicle Struck By County Road or Construction Machinery                               |
| 64 | Vehicle Hits City Road or Construction Machinery                                      |
| 65 | Vehicle Struck By City Road or Construction Machinery                                 |
| 66 | Vehicle Hits Other Road or Construction Machinery                                     |
| 67 | Vehicle Struck by Other Road or Construction Machinery                                |
| 71 | Same Direction - Both Turning Right - Both Moving - Sideswipe                         |
| 72 | Same Direction - Both Turning Right - One Stopped - Sideswipe                         |
| 73 | Same Direction - Both Turning Right - Both Moving - Rear End                          |
| 74 | Same Direction - Both Turning Right - One Stopped - Rear End                          |
| 81 | Same Direction - Both Turning Left - Both Moving - Sideswipe                          |
| 82 | Same Direction - Both Turning Left - One Stopped - Sideswipe                          |
| 83 | Same Direction - Both Turning Left - Both Moving - Rear End                           |
| 84 | Same Direction - Both Turning Left - One Stopped - Rear End                           |

[illegible]