

Thank you for requesting raw crash data from the Oregon Department of Transportation.

Supporting documents can be found in the [Crash Data Tools and Products](#) section of the Crash Statistics and Reports web page. These documents include the Motor Vehicle Traffic Crash Analysis & Coding Manual, which serves as our data dictionary; our list of Crash Data Disclaimers which provide important caveats and context for interpreting Oregon crash data; a ReadMe file; lists of historic database changes that may impact the data years you're researching; and more. Sections I and III of the ReadMe file aren't relevant to using our Decode database CDS510, but the remainder of the document contains information you'll find helpful.

Our Decode database contains three master data tables, a unique ID cross-reference table, and over 40 "lookup" tables. The data and cross-reference tables are:

- CRASH – one record per incident
- VHCL – one record per vehicle involved in a given crash (one-to-many relationship with CRASH)
- PARTIC – one record per coded participant involved in a given crash (one-to-many relationship with VHCL, and CRASH). Non-motorist records (pedestrians, bicyclists) are not associated with a vehicle.
- CRASH_KEY_XREF cross-reference of unique identifiers for the parent (CRASH), child and XREF tables.

Tables can be exported to Excel if desired. Some basic location reports are provided, as well as the queries that create them.

Spatial coordinates are available from the CRASH table, as are most other location fields. However, when analyzing "intersectional" crashes, examine all vehicle and participant (non-motorist) Movement fields, and their Compass Direction "From" and "To" fields, and compare them to the Street Names, Distance From Nearest Intersection, Direction from Nearest Intersection, and Location of Impact fields to determine precisely where the crash occurred in relation to the center of the intersection.

To understand how the "Location of Impact" field is coded, please read the Code Manual instructions. This field is coded differently depending on whether the crash was intersectional; inside city limits; outside city limits on a county road or state highway; or whether the county road was milepointed.

For local road (non-hwy) crashes where both street numbers are blank, check the Special Jurisdiction field, and Recreational Road and Intersecting Recreational Road fields.

If you should have questions related to crash coding, please contact our Code Team Lead, [Kim Ward](#).