

Crash Data in California (2014 - 2023)

Codebook

Variable Name	Meaning	Description	Values
CASE_ID	Case Id	The unique identifier of the crash case	
ACCIDENT_YEAR	Crash Year	The year when the crash occurred	2014 to 2023
COLLISION_DATE	Crash Date	The date when the crash occurred (YYYYMMDD)	
COLLISION_TIME	Crash Time	The time when the crash occurred in 24 hour military time	
HOUR	Hour of crash time	The hour when the crash occurred	0 - 12am to 12:59am 1 - 1am to 1:59am 2 - 2am to 2:59am ... 22 - 10pm to 10:59pm 23 - 11pm to 11:59pm
DAY_OF_WEEK	Day of Week	The code for the day of the week when the crash occurred	1 - Monday 2 - Tuesday 3 - Wednesday 4 - Thursday 5 - Friday 6 - Saturday 7 - Sunday
WEATHER_1	Weather 1	Weather condition at the time of the crash	Clear Cloudy Raining Snowing Fog Other Wind Unknown
WEATHER_2	Weather 2	Additional weather condition at the time of the crash	Same as Weather 1 above
STATE_HWY_IND	State Highway Indicator	A flag to indicate whether the crash is on or near a state highway.	Yes No Unknown

Continued on next page

Codebook (cont'd)

Variable Name	Meaning	Description	Values
COLLISION_SEVERITY	Crash severity	The worst injury suffered by any victim in the crash	Fatal injury Severe injury Minor injury Possible injury No injury
NUMBER_KILLED	Killed victims	Number of killed victims	0 to N for each crash
NUMBER_INJURED	Injured victims	Number of injured victims	0 to N for each crash
PARTY_COUNT	Party count	Number of parties involved in the crash. Note: a vehicle counts as one party regardless of the number of occupants.	1 to N for each crash
PCF_VIOL_CATEGORY	PCF Violation Category	A value computed from the law section that was given as the primary cause of the crash	DUI. Impeding traffic. Unsafe speed. Following too closely. Wrong side of road. Improper passing. Unsafe lane change. Improper turning. Automobile right of way. Pedestrian right of way. Pedestrian violation. Traffic signals and signs. Hazardous parking. Lights. Brakes. Other equipment. Other hazardous violation. Other than driver. Unsafe starting or backing. Other improper driving. Pedestrian DUI. Fell asleep. Unknown.
TYPE_OF_COLLISION	Type of crash	The general type of crash as determined by the first injury or damage-causing event.	Head-on Sideswipe Rear End Broadside Hit object Overturned Vehicle/pedestrian Other Unknown

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Codebook (cont'd)

Variable Name	Meaning	Description	Values
ROAD_SURFACE	Road Surface	Roadway surface condition at the time of the crash in the traffic lane(s) involved.	Dry Wet Snowy or icy Slippery (muddy, oily) Unknown
ROAD_COND_1	Road Condition 1	Roadway condition at the time of the crash in the traffic lane(s) involved.	Holes, deep ruts Loose material on roadway Obstruction on roadway Construction or repair zone Reduced roadway width Flooded Other No unusual condition Unknown
ROAD_COND_2	Road Condition 2	Roadway condition at the time of the crash in the traffic lane(s) involved.	Same as road condition 1 above
LIGHTING	Lighting	Lighting conditions at the crash location and the time of the crash.	Daylight Dusk-dawn Dark street lights Dark no street lights Dark street lights not working Unknown
PEDESTRIAN_ACCIDENT	Pedestrian crash	Indicates whether the crash involved a pedestrian	Yes No
BICYCLE_ACCIDENT	Bicycle crash	Indicates whether the crash involved a bicycle	Yes No
MOTORCYCLE_ACCIDENT	Motorcycle crash	Indicates whether the crash involved a motorcycle	Yes No
TRUCK_ACCIDENT	Truck crash	Indicates whether the crash involved a big truck	Yes No
NOT_PRIVATE_PROPERTY	Not Private property	Indicates whether the crash did not occur on private property	Yes No
ALCOHOL_INVOLVED	Alcohol involved	Indicates whether the crash involved a party that had been drinking. Note: a passenger does not count as a party.	Yes No

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Codebook (cont'd)

Variable Name	Meaning	Description	Values
COUNTY	County		
CITY	City		Various cities are simply labeled as "Unincorporated"
PO_NAME	Post Office Name	Name of post office associated with the location of the crash. This can be used as a proxy for CITY.	Same as road condition 1 above
ZIP_CODE	Zip Code	Zip code associated to the location of the crash	Daylight Dusk-dawn Dark street lights Dark no street lights Dark street lights not working Unknown
POINT_X	X coordinate location	The longitude of the geocoded location; uses the World Geodetic System from 1984 (WGS84)	
POINT_Y	Y coordinate location	The latitude of the geocoded location; uses the World Geodetic System from 1984 (WGS84)	