

**CRASH DATABASE  
EXPORT RECORD LAYOUT AND  
CODE DOCUMENTATION**

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**For Use with Crash Years 2004**

**Revised: 06/28/2004**

As Maintained within the  
Ohio Integrated Traffic Records System



Ohio Department of Public Safety  
Information Technology Office  
1970 W. Broad Street  
PO Box 182081  
Columbus, OH 43218-2081

[ohiopublicsafety.com](http://ohiopublicsafety.com)

**OHIO DEPARTMENT OF PUBLIC SAFETY  
Crash Database Export Layout**

CRASH						
Description	Column Name	Field Size	Position Start	Position End	Data Type	Value Description
Document Number	DOCNO	11	1	11	Character	Document Number (YYYYPNNNNNN) YYYY-Crash Yr., P-Vendor Prefix #, NNNNNN Numbered Crash (000001- 999999)
Local Report#	LOCAL_REPORT_NUM	10	12	21	Character	Locally Assigned Number
N.C.I.C.#	NCIC	5	22	26	Character	Reporting Agency NCIC - NCIC Lookup Table
Report Taken By	REPORT_TAKEN_BY	1	27	27	Character	1 Police agency 2 Motorist
#Units	NUMBER_OF_UNITS	2	28	29	Number	Total Number Of Motorist Non-Motorist Involved May contain blanks
Crash Severity	CRASH_SEVERITY_FLAG	1	30	30	Number	1 Fatal Injury 2 Injury 3 Property Damage Only (PDO) 4 Unknown
Hit/Skip	HIT_SKIP_FLAG	1	31	31	Number	1 Not Hit/Skip 2 Solved 3 Unsolved 4 Unknown
County#	COUNTY	2	32	33	Number	Code Of County Where Crash Occurred - County Lookup Table
City, Village, Township	CITY_VILLAGE_TOWNSHIP	1	34	34	Number	Select One 1 City 2 Village 3 Township 4 Unknown
FIPS Place Code	FIPS_PLACE_CODE	5	35	39	Number	FIPS Lookup Table May contain blanks
Name (of City, Village or Township)	CITY	30	40	69	Character	
Date of Crash	Derived from DATE_OF_CRASH field	8	70	77	Date	MMDDYYYY
Time of Crash	Derived from DATE_OF_CRASH field	4	78	81	Date	HHMI (Military Time HH24)
Day of Week	Derived from DATE_OF_CRASH field	1	82	82	Number	1 Sunday 2 Monday 3 Tuesday

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<b>CRASH</b>						
<b>Description</b>	<b>Column Name</b>	<b>Field Size</b>	<b>Position Start</b>	<b>Position End</b>	<b>Data Type</b>	<b>Value Description</b>
						4 Wednesday 5 Thursday 6 Friday 7 Saturday
<b>Crash Prefix</b>	CRASH_PREFIX	1	83	83	Character	N-North S-South E-East W-West
<b>Crash Location</b>	CRASH_LOCATION	28	84	111	Character	Street Name Where Crash Occurred
<b>Crash Location - Road Type – Street Designation</b>	CRASH_LOCATION_ROAD_TYPE	2	112	113	Character	Street Designation - See Appendix A
<b>Type of Location Point Used</b>	TYPE_LOCATION_POINT_USED	1	114	114	Number	1 – Named Street 2 – Numbered Street 3 – Numbered Route May contain blanks
<b>Distance from Reference</b>	MILES_FROM_REFERENCE	3	115	117	Number	Number Of Miles From Reference See Appendix A for Conversion Chart May contain blanks
<b>Direction from Reference</b>	DIRECTION_REFERENCE	1	118	118	Character	N - North S - South E - East W - West
<b>Reference Prefix</b>	REFERENCE_PREFIX	1	119	119	Character	N - North S - South E - East W - West
<b>Reference Point</b>	REFERENCE_POINT	28	120	147	Character	Street Address, Milepost Marker, Intersection Where Crash Occurred
<b>Reference Type (Designation)</b>	REFERENCE_TYPE	2	148	149	Character	AV Avenue BO Boulevard CI Circle CO Court CR County Road DR Drive HE Height HI Highway IR Interstate LA Lane

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Description	Column Name	Field Size	Position Start	Position End	Data Type	Value Description
						MP Mile Post PA Parkway PI Pike PL Place RO Road SQ Square SR State Route ST Street TE Terrace TR Trail US Federal US Route WA Way *Also see Appendix A for details
Reference Point Used	REFERENCE_POINT_USED	2	150	151	Number	01 State Line 02 Intersection Of Two Streets 03 County Line 04 House Number 05 Township Boundary 06 Mile Post 07 Corporation Limit 08 Place Name Without Reference 09 Driveway 10 Street Or Route Without Reference May contain blanks
Filler		16	152	167		
Private Property Indicator	PRIVATE_PROPERTY	1	168	168	Character	Y Yes N No <i>(Note: Data imported to ODPS as: 1 Yes, 2 No)</i>
Photos Taken	PHOTOS_TAKEN	1	169	169	Character	Y Yes N No <i>(Note: Data imported to ODPS as: 1 Yes, 2 No)</i>
Weather	WEATHER	2	170	171	Number	01 Clear 02 Cloudy 03 Fog, Smog, Smoke 04 Rain 05 Sleet, Hail (Freezing Rain Or Drizzle) 06 Snow

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CRASH						
Description	Column Name	Field Size	Position Start	Position End	Data Type	Value Description
						07 Severe Crosswinds 08 Blowing Sand, Soil, Dirt, Snow 09 Other 10 Unknown
Road Conditions - Primary	PRIMARY_ROAD_CONDITION	2	172	173	Number	01 Dry 02 Wet 03 Snow 04 Ice 05 Sand, Mud, Dirt, Oil, Gravel 06 Water (Standing, Moving) 07 Slush <del>08 Debris**</del> <del>09 Rut, Holes, bumps, Uneven Pavement**</del> 10 Other 11 Unknown <i>**Secondary Road Conditions Only [Secondary Road Conditions (08, 09) should not be contained in the data, however, if the codes are listed on the Crash Report they may be in the data.]</i>
Road Conditions - Secondary	SECONDARY_ROAD_CONDITION	2	174	175	Number	01 Dry 02 Wet 03 Snow 04 Ice 05 Sand, Mud, Dirt, Oil, Gravel 06 Water (Standing, Moving) 07 Slush 08 Debris** 09 Rut, Holes, bumps, Uneven Pavement** 10 Other 11 Unknown <i>**Secondary Road Conditions Only</i>
Light Conditions - Primary	PRIMARY_LIGHT_CONDITION	1	176	176	Number	1 Daylight 2 Dawn 3 Dusk 4 Dark – Lighted Roadway 5 Dark – Roadway Not Lighted

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Description	Column Name	Field Size	Position Start	Position End	Data Type	Value Description
						6 Dark – Unknown Roadway Lighting 7 Glare 8 Other 9 Unknown
<b>Light Conditions - Secondary</b>	SECONDARY_LIGHT_CONDITION	1	177	177	Number	1 Daylight 2 Dawn 3 Dusk 4 Dark – Lighted Roadway 5 Dark – Roadway Not Lighted 6 Dark – Unknown Roadway Lighting 7 Glare 8 Other 9 Unknown
<b>Road Contour</b>	ROAD_CONTOUR	1	178	178	Number	1 Straight Level 2 Straight Grade 3 Curve Level 4 Curve Grade 5 Unknown
<b>Occurrence</b>	OCCURRENCE	1	179	179	Number	1 On Roadway 2 On Shoulder 3 In Median 4 On Roadside 5 On Gore 6 Outside Trafficway 7 Unknown
<b>Manner of Collision or Impact</b>	COLLISION_TYPE	1	180	180	Number	1 Not Collision Between Two Vehicles in Transport 2 Rear-end 3 Head-on 4 Rear-to-rear 5 Backing 6 Angle 7 Sideswipe, same direction 8 Sideswipe, opposite direction 9 Unknown
<b>Type of Intersection</b>	INTERSECTION_TYPE	2	181	182	Number	01 Not a Intersection 02 Four-way Intersection 03 T-Intersection 04 Y-intersection

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<b>CRASH</b>						
<b>Description</b>	<b>Column Name</b>	<b>Field Size</b>	<b>Position Start</b>	<b>Position End</b>	<b>Data Type</b>	<b>Value Description</b>
						05 Traffic circle/roundabout 06 Five-point, or more 07 On ramp 08 Off ramp 09 Crossover 10 Driveway 11 Railway grade crossing 12 Shared-use paths or trails 13 Unknown
<b>School Bus Related</b>	SCHOOL_BUS_RELATED	1	183	183	Number	1 No 2 Yes, School Bus Directly Involved 3 Yes, School Bus Indirectly Involved 4 Unknown
<b>Work Zone Related</b>	WORK_ZONE_RELATED	1	184	184	Number	1 No 2 Yes (Complete List Below) 3 Unknown
<b>Location of Crash in Work Zone</b>	WORK_ZONE_LOCATION	1	185	185	Number	1 Before The First Work Zone Warning Sign 2 Advance Warning Area 3 Transition Area 4 Activity Area 9 Unknown May contain blanks
<b>Type of Work Zone</b>	WORK_ZONE_TYPE	1	186	186	Number	1 Lane Closure 2 Lane Shift/Crossover 3 Work On Shoulder Or Median 4 Intermittent Or Moving Work 5 Other 9 Unknown May contain blanks
<b>Workers Present</b>	WORKER_PRESENT_FLAG	1	187	187	Number	1 Yes 2 No 3 Unknown May contain blanks
<b>Vehicle (Unit) Error</b>	VEHICLE_IN_ERROR	2	188	189	Number	Vehicle # in error 99 No error 98 Animal in error May contain blanks

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<b>CRASH</b>						
<b>Description</b>	<b>Column Name</b>	<b>Field Size</b>	<b>Position Start</b>	<b>Position End</b>	<b>Data Type</b>	<b>Value Description</b>
<b>Date Crash Reported To Police Agency</b>	Derived from CRASH_REPORTED_DATE field	<b>8</b>	190	197	Date	MMDDYYYY May contain blanks
<b>Time Crash Reported To Police Agency</b>	Derived from CRASH_REPORTED_DATE field	<b>4</b>	198	201	Date	HHMI (Military time-HH24) May contain blanks
<b>Total Minutes</b>	TOTAL_MINUTES	<b>5</b>	202	206	Number	Number Minutes To Complete Investigation May contain blanks
<b>Officer Badge Number</b>	BADGE_NUMBER	<b>5</b>	207	211	Character	Investigative Officer ID Number
<b>Supplement Flag</b>	SUPPLEMENT	<b>1</b>	212	212	Number	1 Supplement Checked 2 No Supplement May contain blanks
<b>Revision Date</b>	REVISION_DATE	<b>4</b>	213	216	Character	Revision date preprinted on upper right corner of form.
<b>Alcohol Related - Generated Field</b>	ALCOHOL_RELATED	<b>1</b>	217	217	Number	Generated Field 0 No 1 Yes -Alcohol/Drugs Suspected in Yes-Alcohol Suspected (2), Yes-HBD Not Impaired (3), or Yes- Alcohol/ Drugs Suspected (5) May contain blanks
<b>Drug Related - Generated Field</b>	DRUG_RELATED	<b>1</b>	218	218	Number	Generated Field 0 No 1 Yes -Alcohol/Drugs Suspected in Yes-Drugs Suspected (4) or Yes- Alcohol/ Drugs Suspected (5) May contain blanks
<b>Total Injured - Generated Field</b>	TOTAL_INJURED	<b>3</b>	219	221	Number	Generated Field
<b>Total Killed - Generated Field</b>	TOTAL_KILLED	<b>3</b>	222	224	Number	Generated Field
<b>CD/Data File Volume Number</b>	VOLUME_NUMBER	<b>15</b>	225	239	Character	Vendor assigned Volume Number to CD/data file; where images are stored
<b>Animal Related - Generated Field</b>	ANIMAL_RELATED	<b>1</b>	240	240	Number	Generated Field 0 No Animal Involved 1 Animal - Deer 2 Animal - Farm 3 Animal - Other
<b>Bicycle Related</b>	BICYCLE_RELATED	<b>1</b>	241	241	Number	Generated Field 0 No

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Description	Column Name	Field Size	Position Start	Position End	Data Type	Value Description
						1 Yes -Unit Type of Bicycle (37) or Pedalcyclist (39) Involved
<b>Motorcycle Related</b>	MOTORCYCLE_RELATED	1	242	242	Number	Generated Field 0 No 1 Yes -Unit Type of Motorcycle (18) Involved (does NOT include Motorized Bicycle (19))
<b>Speed Related</b>	SPEED_RELATED	1	243	243	Number	Generated Field 0 No 1 Yes -Circumstances of Exceeded Speed Limit (4) or Unsafe Speed (5) or Unit Speed greater than Posted Speed (when posted speed is not null or 0)
<b>Pedestrian Related</b>	PEDESTRIAN_RELATED	1	244	244	Number	Generated Field 0 No 1 Yes -Unit Type of Pedestrian (38) or Skater (40) Involved
<b>Semi-Truck Related</b>	SEMI_TRUCK_RELATED	1	245	245	Number	Generated Field 0 No 1 Yes -Unit Type of Truck/Tractor-Boat (12), Tractor/Semi-Trailer (13), Tractor/Double-Short (14), Tractor/Double-Long (15) or Tractor/Triples (17) Involved
<b>Small Truck Related</b>	SMALL_TRUCK_RELATED	1	246	246	Number	Generated Field 0 No 1 Yes -Unit Type Pickup (7), Panel/Van (8), Single Unit Truck; 2 Axles, 6 Tires (9), Single Unit Truck; 3 or More Axles (10), Truck/Trailer (11), Fifth Wheel Or Converter Dolly (16) Involved
<b>Youth Related</b>	YOUTH_RELATED	1	247	247	Number	Generated Field 0 No

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CRASH						
Description	Column Name	Field Size	Position Start	Position End	Data Type	Value Description
						1 Yes -Driver Age 16-25 Involved
<b>Teen Related</b>	TEEN_RELATED	1	248	248	Number	Generated Field 0 No 1 Yes -Driver, Occupant or Pedestrian Age 12-20 Involved
<b>Drinking Driver &lt; 21 Related</b>	DUI_21_RELATED	1	249	249	Number	Generated Field 0 No 1 Yes -Drinking Driver < 21 Involved
<b>Senior Related</b>	SENIOR_RELATED	1	250	250	Number	Generated Field 0 No 1 Yes -Driver Age 65 and Over Involved
<b>Latitude</b>	LATITUDE_DEG LATITUDE_MIN LATITUDE_SEC	11	251	261	Number	Latitude for GPS Location Identification Format: DD:MM:SS.SS D-Degrees, MM-Minutes, SS.SS-Decimal Seconds
<b>Longitude</b>	LONGITUDE_DEG LONGITUDE_MIN LONGITUDE_SEC	12	262	273	Number	Longitude for GPS Location Identification Format: DDD:MM:SS.SS DD-Degrees, MM-Minutes, SS.SS-Decimal Seconds
<b>Road Surface</b>	ROAD_SURFACE	1	274	274	Number	1 Concrete 2 Blacktop, Bituminous, Asphalt 3 Brick/Block 4 Slug, Gravel, Stone 5 Dirt 6 Other 7 Unknown May contain blanks This data is only obtained on electronic applications. It is not on the current crash report. NEW for the CVARS Project.
<b>Number of Lanes</b>	NUMBER_OF_LANES	1	275	275	Number	Total number of lanes in the roadway on which this motor vehicle was traveling. 1 1 (Lane) 2 2 (Lanes) 3 3 (Lanes)

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Description	Column Name	Field Size	Position Start	Position End	Data Type	Value Description
						4 4 (Lanes) 5 5 (Lanes) 6 6 (Lanes) 7 7 or more (Lanes) 8 Unknown (Number of Lanes) May contain blanks  For undivided highways: - Total "Thru" Lanes in Both Directions (excluding designated turn lanes). For divided highways: - Total "Thru" Lanes for the Roadway (on which the motor vehicle under consideration was traveling). See Appendix H for diagram of the trafficway.  This data is only obtained on electronic applications. It is not on the current crash report. NEW for the CVARS Project.
		<b>275</b>				

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UNITS						
Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
Document Number	DOCNO	11	1	11	Character	Document Number (YYYYPNNNNNN) YYYY-Crash Yr., P-Vendor Prefix #, NNNNNN Numbered Crash (000001- 999999)
Unit Number	UNITNO	2	12	13	Number	Sequential Number Assigned To Uniquely Identify Within each Vehicle/ Non-motorist Involved In The Crash
Number of Occupants	OCCUPANTS	2	14	15	Number	Total Number Of Occupants Including The Driver 00 – No Occupants or Unknown
Insurance	INSURANCE_FLAG	1	16	16	Number	1 – Insurance Name Present 2 – No Insurance 3 – None listed
Vehicle Year	VEHICLE_YEAR	4	17	20	Number	Year Assigned By Vehicle Manufacturer May contain blanks
Filler		2	21	22		<i>(Old Vehicle Make; Modified and moved to positions 205:208)</i>
License Plate State Issue	LICENSE_PLATE_STATE	2	23	24	Character	State Issued License Plates See list on pages 103-104 in MMUCC layout
License Plate Number	LICENSE_PLATE	8	25	32	Character	Alphanumeric Identifier Assigned By The State, Foreign Country, U.S. Government, Indian Nation
Towing Service	TOWED_FLAG	1	33	33	Number	Towed 1 Yes 2 No
Vehicle- Non-motorist -From	VEHICLE_DIRECTION_FROM	1	34	34	Number	1 North 2 South 3 East 4 West 5 Northeast 6 Northwest 7 Southeast 8 Southwest 9 Unknown
Vehicle- Non-motorist -To	VEHICLE_DIRECTION_TO	1	35	35	Number	1 North 2 South

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UNITS						
Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
						3 East 4 West 5 Northeast 6 Northwest 7 Southeast 8 Southwest 9 Unknown
<b>Most Damaged Area</b>	DAMAGE_AREA	<b>2</b>	36	37	Number	01 None 02 Center Front 03 Right Front 04 Right Side 05 Right Rear 06 Rear Center 07 Left Rear 08 Left Side 09 Left Front 10 Top And Windows 11 Undercarriage 12 Load/Trailer 13 Total (All Areas) 14 Other 15 Unknown
<b>Damage Scale</b>	DAMAGE_SCALE	<b>1</b>	38	38	Number	1 None 2 Non-Functional 3 Functional Damage 4 Disabling Damage 5 Severe 6 Unknown
<b>Type of Unit</b>	UNIT_TYPE	<b>2</b>	39	40	Number	Motorist 01 Sub-Compact 02 Compact 03 Mid Size 04 Full Size 05 Minivan 06 Sport Utility Vehicle 07 Pickup 08 Panel/Van 09 Single Unit Truck; 2 Axles, 6 Tires 10 Single Unit Truck; 3 Or More Axles

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UNITS						
Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
						11 Truck/Trailer 12 Truck Tractor (Bobtail) 13 Tractor/Semi-Trailer 14 Tractor/Double – Short 15 Tractor/Double – Long 16 Fifth Wheel Or Converter Dolly 17 Tractor/Triples 18 Motorcycle 19 Motorized Bicycle 20 School Bus 21 Church Bus 22 Public Bus 23 Other Bus 24 Police Vehicle 25 Fire Truck 26 Ambulance/Rescue 27 Taxi 28 Motor Home 29 Train 30 Farm Vehicle 31 Farm Equipment 32 Snowmobile 33 Construction Equipment 34 All Others <u>Non-motorist</u> 35 Animal W/Rider 36 Animal W/Buggy 37 Bicycle 38 Pedestrian 39 Pedalcyclist (bicycle, tricycle, unicycle, pedal car) 40 Skater 41 Other-non motorist (wheelchair, etc) 42 Unknown
<b>Speed Detected</b>	SPEED_DETECTED	<b>1</b>	41	41	Number	1 Stated 2 Estimated Speed May contain blanks
<b>Unit Speed</b>	UNIT_SPEED	<b>3</b>	42	44	Number	Speed Of Vehicle

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UNITS						
Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
						May contain blanks
<b>Posted Speed</b>	POSTED_SPEED	2	45	46	Number	Speed Limit Of Road May contain blanks
<b>Pre-Crash Actions</b>	PRE_CRASH_ACTIONS	2	47	48	Number	Motorist 01 Movements Essentially Straight Ahead 02 Backing 03 Changing Lanes 04 Overtaking/Passing 05 Turning Right 06 Turning Left 07 Making U-Turn 08 Entering Traffic Lane 09 Leaving Traffic Lane 10 Parked 11 Slowing Or Stopped In Traffic 12 Driverless 13 Other 14 Unknown <u>Non-Motorist Action</u> 15 Entering or crossing specified Location 16 Walking, running, jogging, playing, cycling 17 Working 18 Pushing vehicle 19 Approaching or leaving vehicle 20 Playing or working on vehicle 21 Standing 22 Other 23 Unknown
<b>Traffic Control</b>	TRAFFIC_CONTROL	2	49	50	Number	01 No Controls 02 Stop Sign 03 Yield Sign 04 Traffic Signal 05 Traffic Flashers 06 School Zone 07 Railroad Crossbucks 08 Railroad Flashers

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UNITS						
Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
						09 Railroad Gates 10 Construction Barricade 11 Police Officer 12 Pavement Markings 13 Crosswalk Lines 14 Walk/Don't Walk 15 Traffic Control Device Inoperative, Missing, Obscured 16 Other 17 Not Reported
<b>Contributing Circumstances, Motorist/Non-Motorist</b>	CIRCUMSTANCES	<b>2</b>	51	52	Number	<u>Motorist</u> 01 None 02 Failure to Yield 03 Ran Red Light, or Stop Sign 04 Exceeded Speed Limit 05 Unsafe Speed 06 Improper Turn 07 Left of Center 08 Followed Too Closely/ACDA 09 Improper Lane Change/ Drove Off Road/ Improper Passing 10 Improper Backing 11 Improper Start From Parked Position 12 Stopped or Parked Illegally 13 Operating Vehicle In Erratic, Reckless, Careless, Negligent Or Aggressive Manner 14 Swerving to Avoid (Due To Wind, Slippery Surface, Vehicle, Object, Non-Motorist in Roadway, Etc) 15 Failure to Control 16 Vision Obstruction 17 Driver Inattention 18 Fatigue/Asleep 19 Operating Defective Equipment 20 Load Shifting/Falling/Spilling 21 Other Improper Action 22 Unknown

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UNITS						
Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
						<u>Non-motorist</u> 23 None 24 Improper Crossing 25 Darting 26 Lying And/Or Illegally In Roadway 27 Failure To Yield Right Of Way 28 Not Visible (Dark Clothing) 29 Inattentive 30 Failure To Obey Traffic Signs, Signals, Or Officer 31 Wrong Side Of The Road 32 Other 33 Unknown
<b>Vehicle Defects</b>	VEHICLE_DEFECTS	2	53	54	Number	01 Turn Signals 02 Head Lamps 03 Tail Lamps 04 Brakes 05 Steering 06 Tire Blowout 07 Worn Or Slick Tires 08 Trailer Equipment Defective 09 Motor Trouble 10 Disabled From Prior Accident 11 Other Defects May contain blanks
<b>Sequence of Events - 1</b>	SEQUENCE_EVENT1	2	55	56	Number	<u>Non-Collision</u> 01 Overturn/Rollover 02 Fire/Explosion 03 Immersion 04 Jackknife 05 Cargo/Equipment Loss Or Shift 06 Equipment Failure (Blown Tire, Brake Failure, Etc) 07 Separation Of Units 08 Ran Off Road Right 09 Ran Off Road Left 10 Cross Median/Centerline 11 Downhill Runaway 12 Other Non-Collision

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Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
						13 Unknown Non-Collision Collision w/Person,Vehicle,Or Object Not Fixed
						14 Pedestrian
						15 Pedalcycle
						16 Railway Vehicle (E.G. Train, Engine)
						17 Animal – Farm
						18 Animal – Deer
						19 Animal – Other
						20 Motor Vehicle In Transport
						21 Parked Motor Vehicle
						22 Work Zone Maintenance Equipment
						23 Other Movable Object
						24 Unknown Movable Object Collision With Fixed Object
						25 Impact Attenuator/Crash Cushion
						26 Bridge Overhead Structure
						27 Bridge Pier Or Abutment
						28 Bridge Parapet
						29 Bridge Rail
						30 Guardrail Face
						31 Guardrail End
						32 Median Barrier
						33 Highway Traffic Sign Post
						34 Overhead Sign Post
						35 Light/Luminaries Support
						36 Utility Pole
						37 Other Post, Pole Or Support
						38 Culvert
						39 Curb
						40 Ditch
						41 Embankment
						42 Fence
						43 Mailbox
						44 Tree
						45 Other Fixed Object (Wall, Building, Tunnel, Etc
						46 Work Zone Maintenance Equipment
						47 Unknown Fixed Object

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UNITS						
Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
						48 Other 49 Unknown Select Up To 4 In The Sequence Of Events
Sequence of Events - 2	SEQUENCE_EVENT2	2	57	58	Number	See Sequence of Events – 1 May contain blanks
Sequence of Events - 3	SEQUENCE_EVENT3	2	59	60	Number	See Sequence of Events – 1 May contain blanks
Sequence of Events - 4	SEQUENCE_EVENT4	2	61	62	Number	See Sequence of Events – 1 May contain blanks
First Harmful Event	FIRST_HARMFUL_EVENT	2	63	64	Number	Of the 4 listed Sequence of Events – Which one is the First Harmful Event (1-4) 5 Unknown
Most Harmful Event	MOST_HARMFUL_EVENT	2	65	66	Number	Of the 4 listed Sequence of events - Which one is the Most Harmful Event (1-4) 5 Unknown
Action	ACTION	1	67	67	Number	1 Non-contact 2 Non-collision 3 Striking 4 Struck 5 Both striking and struck 6 Unknown
Emergency Use	EMERGENCY_USE	1	68	68	Number	1 No 2 Yes 3 Unknown
Point of Impact	POINT_OF_IMPACT	2	69	70	Number	01 None 02 Center Front 03 Right Front 04 Right Side 05 Right Rear 06 Rear Center 07 Left Rear 08 Left Side 09 Left Front 10 Top And Windows 11 Undercarriage 12 Load/Trailer

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Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
						13 Total (All Areas) 14 Other 15 Unknown
<b>Striking Vehicle: Override/Underride</b>	STRIKING_VEHICLE_OU	<b>1</b>	71	71	Number	1 No underride or override 2 Underride, compartment intrusion 3 Underride, no compartment intrusion 4 Underride, compartment intrusion unknown 5 Override, motor vehicle in transport 6 Override, other vehicle 7 Unknown if underride or override
<b>Non-motorist Location Prior to Impact</b>	NON_MOTORIST_LOCATION	<b>2</b>	72	73	Number	01 Marked crosswalk at intersection 02 At intersection but no crosswalk 03 Non-intersection crosswalk 04 Driveway access crosswalk 05 In roadway 06 Not in roadway 07 Median (but no on shoulder) 08 Island 09 Shoulder 10 Sidewalk 11 Within 10 feet of roadway (but not shoulder, median, Sidewalk, or island) 12 Beyond 10 feet of roadway(within trafficway) 13 Outside trafficway 14 Shared use paths or trails 15 Unknown May contain blanks

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UNITS						
Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
Truck/Bus - Cargo Body Type	CARGO_BODY_TYPE	2	74	75	Number	01 Not Applicable 02 Bus (Seats More Than 15 People, Including Driver) 03 Van/Enclosed Box 04 Grain/Chips/Gravel 05 Pole 06 Cargo Tank 07 Flatbed 08 Dump 09 Concrete Mixer 10 Auto Transporter 11 Garbage/Refuse 12 Other 13 Unknown
Truck/Bus - Weight (GVWR)	WEIGHT	1	76	76	Number	Weight Rating Of Power Unit Of The Motor Vehicle 1 Less Than Or Equal To 10,000 Pounds 2 10,001 – 26,000 3 More Than 26,000 May contain blanks
Truck/Bus - CDL Class	CDL_CLASS	1	77	77	Character	1 Class A 2 Class B 3 Class C 4 Class M 5 Class D
Truck/Bus - Carrier Name	CARRIER_NAME	20	78	97	Character	Name of Carrier
Truck/Bus - Carrier Address (Street)	CARRIER_ADDRESS	20	98	117	Character	Address of Carrier
Truck/Bus - Carrier City	CARRIER_CITY	15	118	132	Character	
Truck/Bus - Carrier State	CARRIER_STATE	2	133	134	Character	
Truck/Bus - Carrier Zip	CARRIER_ZIP	9	135	143	Number	Zip of Carrier May contain blanks
Truck/Bus - US Dot	US_DOT	7	144	150	Character	
Truck/Bus - ICC MC	ICC_MC	6	151	156	Character	
Truck/Bus - PUCO	PUCO	6	157	162	Character	
Truck/Bus - Hazard Materials Placard?	HAZARD_PLACARD	1	163	163	Number	1 No 2 Yes 3 Unknown May contain blanks

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<b>UNITS</b>						
<b>Column Name</b>	<b>Description</b>	<b>Field Size</b>	<b>Position Start</b>	<b>Position End</b>	<b>Data Type</b>	<b>Value Description</b>
<b>Truck/Bus - Placard Number</b>	HAZARD_PLACARD_NUM	<b>4</b>	164	167	Character	4- digit placard number or name taken from the middle of the diamond or the rectangle box
<b>Truck/Bus - Number From Diamond</b>	DIAMOND_PLACARD_NUM	<b>1</b>	168	168	Number	1-digit placard number from bottom of diamond May contain blanks
<b>Truck/Bus - Hazardous Material Released</b>	HAZARDOUS_SPILL	<b>1</b>	169	169	Number	1 No – Hazardous Materials Not Released 2 Yes – Hazardous Materials Released 3 Not Applicable 4 Unknown May contain blanks
<b>Truck/Bus - Commerical Trailer Registration State</b>	TRAILER_REG_STATE	<b>2</b>	170	171	Character	
<b>Truck/Bus - Commerical Trailer Registration Year</b>	TRAILER_REG_YEAR	<b>4</b>	172	175	Number	May contain blanks
<b>Truck/Bus - Commercial Trailer License Plate Number</b>	TRAILER_PLATE	<b>8</b>	176	183	Character	
<b>Vehicle Identification Number (VIN)</b>	VIN	<b>20</b>	184	203	Character	This data is only obtained on electronic applications. It is not on the current crash report. NEW for the CVARS Project.
<b>Vehicle Make (VMA)</b>	VEHICLE_MAKE	<b>4</b>	204	207	Character	Make/Model Lookup Table
<b>Vehicle Model (VMO)</b>	VEHICLE_MODEL	<b>3</b>	208	210	Character	Make/Model Lookup Table
		<b>210</b>				

**OHIO DEPARTMENT OF PUBLIC SAFETY  
Crash Database Export Layout**

PEOPLE						
Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
Document Number	DOCNO	11	1	11	Character	Document Number (YYYYPNNNNNN) YYYY-Crash Yr., P-Vendor Prefix #, NNNNNN Numbered Crash (000001- 999999)
Unit Number	UNITNO	2	12	13	Number	Unit number of motorist/non-motorist
Type of Person	PERSON_TYPE	1	14	14	Character	D Driver O Occupant P Pedestrian
Social Security Number of Driver	SSN	9	15	23	Character	Social Security Number of Driver <b>Personal ID – SSN not given</b>
Occupant/Driver First Name	FIRST_NAME	15	24	38	Character	First Name of Occupant
Occupant/Driver Middle Name	MIDDLE_NAME	15	39	53	Character	Middle Name of Occupant
Occupant/Driver Last Name	LAST_NAME	25	54	78	Character	Last Name of Occupant
Occupant/Driver Date of Birth	DOB	8	79	86	Date	Occupant's Date of Birth MMDDYYYY May contain blanks
Occupant/Driver Age	AGE	3	87	89	Number	Age of Occupant May contain blanks
Occupant/Driver Gender (Sex)	GENDER	1	90	90	Character	F Female M Male U Unknown
State of Issue License	DL_STATE	2	91	92	Character	State Issued Drivers License See Appendix A in Red Book
Drivers License Number	DL_Number	10	93	102	Character	Drivers License Number
Transported to Medical Facility By	MEDICAL_TRANSPORT_BY	1	103	103	Number	1 Not Transported 2 EMS 3 Police 4 Other 5 Unknown May contain blanks
Seating Position	SEATING_POSITION	2	104	105	Number	01 Front Seat - Left Side (Motorcycle Driver) 02 Front Seat - Middle 03 Front Seat - Right Side 04 Second Seat - Left Side (Motorcycle Passenger)

**OHIO DEPARTMENT OF PUBLIC SAFETY  
Crash Database Export Layout**

<b>PEOPLE</b>						
<b>Column Name</b>	<b>Description</b>	<b>Field Size</b>	<b>Position Start</b>	<b>Position End</b>	<b>Data Type</b>	<b>Value Description</b>
						05 Second Seat – Middle 06 Second Seat – Right Side 07 Third Row - Left Side (Motorcycle Passenger/Side Car) 08 Third Row – Middle 09 Third Row - Right Side 10 Sleeper Section Of Cab (Truck) 11 Passenger In Other Enclosed Passenger Of Cargo Area (Non Trailing Unit Such As A Bus, Etc) 12 Passenger In Unenclosed Passenger Of Cargo Area 13 Trailing Unit 14 Riding On Vehicle Exterior (Non-Trailing Unit) 15 Other 16 Non-Motorist 17 Unknown
<b>Safety Equipment Used</b>	SAFETY_EQUIP_USED	<b>2</b>	106	107	Number	<u>Motorist</u> 01 None Used – Vehicle Occupant 02 Shoulder Belt Only Used 03 Lap Belt Only Used 04 Shoulder And Lap Belt Used 05 Child Safety Seat Used 06 Helmet Used 07 Restraint Use Unknown <u>Non-motorist</u> 08 None Used 09 Helmet used 10 Protective pads used (elbows, knees, shins, etc) 11 Reflective clothing 12 Lighting 13 Other 14 Unknown
<b>Air Bag Usage</b>	AIR_BAG_USAGE	<b>1</b>	108	108	Number	1 Not-Deployed 2 Deployed-Front 3 Deployed-Side 4 Deployed Both Front/Side

**OHIO DEPARTMENT OF PUBLIC SAFETY  
Crash Database Export Layout**

<b>PEOPLE</b>						
<b>Column Name</b>	<b>Description</b>	<b>Field Size</b>	<b>Position Start</b>	<b>Position End</b>	<b>Data Type</b>	<b>Value Description</b>
						5 Not Applicable 6 Deployment Unknown
<b>Air Bag Switch Status</b>	AIR_BAG_SWITCH	<b>1</b>	109	109	Number	1 On-Off Switch Not Present 2 Switch In On Position 3 Switch In Off Position 4 Unknown Position
<b>Ejection</b>	EJECTION	<b>1</b>	110	110	Number	1 Not Ejected 2 Totally Ejected 3 Partially Ejected 4 Not Applicable 5 Unknown
<b>Trapped</b>	TRAPPED	<b>1</b>	111	111	Number	1 Not trapped 2 Extricated By Mechanical Means 3 Freed By Non-Mechanical Means 4 Unknown
<b>Injuries</b>	INJURIES	<b>1</b>	112	112	Number	1 No Injury 2 Possible 3 Non-Incapacitating 4 Incapacitating 5 Fatal Injury 6 Unknown
<b>Condition</b>	CONDITION	<b>1</b>	113	113	Number	1 Apparently Normal 2 Physical Impairment 3 Emotional (E.G., Depressed, Angry, Disturbed) 4 Illness 5 Fell Asleep, Fainted, Fatigued, Etc 6 Under The Influence Of Medications/Drugs/Alcohol 7 Other 8 Unknown May contain blanks
<b>Alcohol/Drugs Suspected</b>	ALCOHOL_DRUGS_SUSPECTED	<b>1</b>	114	114	Number	1 None 2 Yes – Alcohol Suspected 3 Yes – HBD Not Impaired 4 Yes – Drugs Suspected 5 Yes – Alcohol And Drugs Suspected 6 Unknown May contain blanks

**OHIO DEPARTMENT OF PUBLIC SAFETY  
Crash Database Export Layout**

PEOPLE						
Column Name	Description	Field Size	Position Start	Position End	Data Type	Value Description
Alcohol Test Status	ALCOHOL_TEST_STATUS	1	115	115	Number	1 None Given 2 Test Refused 3 Test Given, Contaminated Sample/Unusable 4 Test Given, Results Known 5 Test Given, Results Unknown 6 Unknown May contain blanks
Alcohol Test Type	ALCOHOL_TEST_TYPE	1	116	116	Number	1 None 2 Blood 3 Urine 4 Breath 5 Other May contain blanks
Actual Alcohol Test Value	ALCOHOL_TEST_VALUE	3	117	119	Character	Alcohol Test Results May contain blanks
Drug Test Status	DRUGS_TEST_STATUS	1	120	120	Number	1 None Given 2 Test Refused 3 Test Given, Contaminated Sample/Unusable 4 Test Given, Results Known 5 Test Given, Results Unknown 6 Unknown May contain blanks
Drug Test Type	DRUGS_TEST_TYPE	1	121	121	Number	1 None 2 Blood 3 Urine 4 Other May contain blanks
Drug Test 1 Results	DRUGS_TEST_RESULT1	1	122	122	Number	1 None 2 Marijuana 3 Cocaine 4 Opiates 5 Amphetamines 6 PCP 7 Other 8 Unknown at Time of Reporting May contain blanks
Drug Test 2 Results	DRUGS_TEST_RESULT2	1	123	123	Number	1 None

**OHIO DEPARTMENT OF PUBLIC SAFETY  
Crash Database Export Layout**

<b>PEOPLE</b>						
<b>Column Name</b>	<b>Description</b>	<b>Field Size</b>	<b>Position Start</b>	<b>Position End</b>	<b>Data Type</b>	<b>Value Description</b>
						2 Marijuana 3 Cocaine 4 Opiates 5 Amphetamines 6 PCP 7 Other 8 Unknown at Time of Reporting May contain blanks
<b>Citation Number</b>	CITATION_Number	<b>11</b>	124	134	Character	Number From Uniform Ticket
<b>Citation Local Code</b>	CITATION_LOCAL_CODE	<b>1</b>	135	135	Number	1 No 2 Yes May contain blanks
		<b>135</b>				

**OHIO DEPARTMENT OF PUBLIC SAFETY  
Crash Database Export Layout**

## Changes to Crash Export Layout

### Since 08/07/2001:

<b>Date</b>	<b>Level</b>	<b>Description</b>
08/07/2001	CRASH	Animal Related field added
09/12/2001	CRASH	Animal Related field Value Description corrected (from 0...1, 0...3)
09/20/2001	CRASH	Distance Reference Chart added to Appendix A
10/31/2001	CRASH	Generated Fields added: Bicycle Related, Motorcycle Related, Speed Related, Pedestrian Related, Semi-Truck Related, Small Truck Related, Youth Related, Teen Related, DUI-21 Related and Senior Related.
11/15/2001	CRASH	Number fields which may contain blanks noted.
	UNITS	Number fields which may contain blanks noted.
	PEOPLE	Number fields which may contain blanks noted; Date of birth format noted (MMDDYYYY)
01/02/2002	CRASH	Alcohol and Drug Related field - more detailed descriptions added.
06/18/2002	UNITS	Notation on number of Occupants: 00 – No Occupants or Unknown.
06/19/2002	CRASH	New Latitude (DD:MM:SS.SS) and Longitude (DDD:MM:SS.SS) fields added because of increase in size; previous fields changed to "Filler"
07/02/2003	TITLE PAGE	Change in wording from For Use with Crash Years 2002 to For Use with Crash Years 2002 & 2003.
06/26/2004	TITLE PAGE	Change in wording from For Use with Crash Years 2004 to For Use with Crash Years 2004.
	CRASH	Addition of ACRS fields: Road Surface and Number of Lanes.
	UNITS	Addition of ACRS fields: VIN, Vehicle Model. Modification of Vehicle Make field.
06/28/2004	CRASHES	Addition to description for Number of Lanes.

**OHIO DEPARTMENT OF PUBLIC SAFETY  
Crash Database Export Layout**

**Appendix A Location Format**

Break out into two separate fields

Position 84-111      Crash Location (CRASH\_LOCATION)  
Position 112-113      Street Designation (CRASH\_LOCATION\_ROAD\_TYPE)

Crash Location

If Type of Location Point Used (TYPE\_LOCATION\_POINT\_USED ) = 1 (named street)  
Street name in Crash location (CRASH\_LOCATION)

In street designation (CRASH\_LOCATION\_ROAD\_TYPE) use from the following list

- AV = Avenue
- BO = Boulevard
- CI = Circle
- CO = Court
- DR = Drive
- HE = Heights
- HI = Highway
- LA = Lane
- PA = Parkway
- PI = Pike
- PL = Place
- RO = Road
- SQ = Square
- ST = Street
- TE = Terrace
- TR = Trail
- WA = Way

**OHIO DEPARTMENT OF PUBLIC SAFETY  
Crash Database Export Layout**

**Appendix A Location Format (Continued)**

If Type of Location Point Used (TYPE\_LOCATION\_POINT\_USED ) = 2 (numbered street)

Change all numbered streets to a number example Fourth St change to '0004' in Crash Location (CRASH\_LOCATION)

In street designation (CRASH\_LOCATION\_ROAD\_TYPE ) use from the following list

- AV = Avenue
- BO = Boulevard
- CI = Circle
- CO = Court
- DR = Drive
- HE = Heights
- HI = Highway
- LA = Lane
- PA = Parkway
- PI = Pike
- PL = Place
- RO = Road
- SQ = Square
- ST = Street
- TE = Terrace
- TR = Trail
- WA = Way

If Type of Location Point Used (TYPE\_LOCATION\_POINT\_USED ) = 3 (numbered route)

Report all numbered routes in numeric format example SR62 is reported as 0062 in the Crash Location (CRASH\_LOCATION)

In street designation (CRASH\_LOCATION\_ROAD\_TYPE ) use from the following list

- IR = Interstates
- US = Federal US Routes
- SR = State Routes
- CR = Numbered County Road
- TR = Numbered Township Road

OHIO DEPARTMENT OF PUBLIC SAFETY  
Crash Database Export Layout

Appendix A Location Format (Continued)

Reference

Break out in two separate fields

Position 120-147 Reference Point (REFERENCE\_POINT)  
Position 148-149 Reference Designation (REFERENCE\_TYPE)

If Reference Point Used = 01 (state line)  
(REFERENCE\_POINT\_USED) 03 (county line)  
04 (house number)  
05 (township boundary)  
07 (corporation limit)  
08 (place name without reference)  
09 (driveway)  
10 (street of route without reference)

Place name of reference point on Reference Point (REFERENCE\_POINT)  
Place spaces in Reference Designation (REFERENCE\_TYPE)

If Reference Point Used (REFERENCE\_POINT\_USED) = 02 (intersection of two streets)  
Place name of street in Reference Point (REFERENCE\_POINT)  
Place reference Designation use the listing under the location description (REFERENCE\_TYPE)

If Reference Point Used (REFERENCE\_POINT\_USED) = 06 (milepost)  
Place number of mile post in Reference Point (REFERENCE\_POINT) using the following example MP15 report as 0015  
Place 'MP' in Reference Designation (REFERENCE\_TYPE)

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Distance from Reference (Miles from Reference):

DISTANCE CHART

1ft - 53ft = 001  
54ft - 106ft = 002  
107ft - 159ft = 003  
160ft - 212ft = 004  
213ft - 265ft = 005  
266ft - 318ft = 006  
319ft - 371ft = 007  
372ft - 424ft = 008  
425ft - 477ft = 009  
478ft - 530ft = 010  
1/8 mile = 012  
1/5 mile = 017  
1/4 mile = 025  
1/3 mile = 033  
1/2 mile = 050  
1 mile = 100

1060' = 020  
1590' = 030  
2120' = 040  
2650' = 050  
3180' = 060  
3710' = 070  
4240' = 080  
4770' = 090  
5300' = 100

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