

Intersection of IA 28/MERLE HAY RD & MADISON AVE
 City of Des Moines, Polk County, Iowa from 2008-2012
 Composite Rank=69 Frequency Rank=526 Rate Rank=17571 Severity Rank=61

Severity of All Crashes by Year						
Intersection of IA 28/MERLE HAY RD & MADISON AVE						
City of Des Moines, Polk County, Iowa from 2008-2012						
Severity	Year					Total
	2008	2009	2010	2011	2012	
Fatal						
Major Injury	1			2		3
Minor Injury					1	1
Possible/Unknown Injury	1	1				2
Property Damage Only	7	2	3	5	2	19
Total Crashes	9	3	3	7	3	25
Fatal						
Major Injury	1			3		4
Minor Injury	2			1	1	4
Possible Injury	1	1		3		5
Unknown Injury						
Total Injuries	4	1		7	1	13
Estimated Property Damage (thousands of \$)	61,600	21,900	9,600	63,700	21,000	177,800
Total Vehicles	17	7	6	17	6	53

Injury Severity

Time of Day of All Crashes by Day of Week								
Intersection of IA 28/MERLE HAY RD & MADISON AVE								
City of Des Moines, Polk County, Iowa from 2008-2012								
Time of Day	Day of Week							Total
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Midnight–12:59 AM								
1:00 AM–1:59 AM								
2:00 AM–2:59 AM								
3:00 AM–3:59 AM								
4:00 AM–4:59 AM								
5:00 AM–5:59 AM								
6:00 AM–6:59 AM								
7:00 AM–7:59 AM								
8:00 AM–8:59 AM								
9:00 AM–9:59 AM		1		1				2
10:00 AM–10:59 AM							1	1
11:00 AM–11:59 AM	1	1				1	1	4
Noon–12:59 PM								
1:00 PM–1:59 PM							1	1
2:00 PM–2:59 PM				1			1	2
3:00 PM–3:59 PM	1	1						2
4:00 PM–4:59 PM		1		1		1		3
5:00 PM–5:59 PM		2			1			3
6:00 PM–6:59 PM				1				1
7:00 PM–7:59 PM	1							1
8:00 PM–8:59 PM			1					1
9:00 PM–9:59 PM								
10:00 PM–10:59 PM			1	1		1	1	4
11:00 PM–11:59 PM								
Total	3	6	2	5	1	3	5	25

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Major Cause of All Crashes by Severity Intersection of IA 28/MERLE HAY RD & MADISON AVE City of Des Moines, Polk County, Iowa from 2008-2012						
Major Cause	Severity					Total
	Fatal	Major Injury	Minor Injury	Possible/ Unknown Injury	Property Damage	
Animal						
Ran Traffic Signal		1			3	4
Ran Stop Sign						
Crossed Centerline						
FTYROW:At Uncontrolled Intersection						
FTYROW:Making Right Turn on Red Signal						
FTYROW:From Stop Sign						
FTYROW:From Yield Sign						
FTYROW:Making Left Turn		2	1	1	5	9
FTYROW:From Driveway						
FTYROW:From Parked Position						
FTYROW:To Pedestrian						
FTYROW:Other					3	3
Traveling Wrong Way or On Wrong Side of Road					1	1
Driving Too Fast For Conditions					1	1
Exceeded Authorized Speed						
Made Improper Turn						
Improper Lane Change						
Followed Too Close					3	3
Disregarded RR Signal						
Disregarded Warning Sign						
Erratic/Reckless/Careless/Negligent/Aggressive						
Improper Backing						
Illegally Parked/Unattended						
Swerving/Evasive Action						
Over Correcting/Over Steering					1	1
Downhill Runaway						
Equipment Failure						
Separation of Units						
Ran Off Road - Right						
Ran Off Road - Straight						
Ran Off Road - Left						
Lost Control				1		1
Inattentive/Distracted by:Passenger						
Inattentive/Distracted by:Phone/Device						
Inattentive/Distracted by:Fallen Object						
Inattentive/Distracted by:Fatigued/Asleep						
Other:Vision Obstructed						
Oversized Load/Vehicle						
Cargo/Equipment Loss or Shift						
Other Improper Action						
Unknown					1	1
No Improper Action					1	1
Not Reported						
Total		3	1	2	19	25

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Manner of Collision of Crashes by Year Intersection of IA 28/MERLE HAY RD & MADISON AVE City of Des Moines, Polk County, Iowa from 2008-2012						
Manner of Collision	Year					Total
	2008	2009	2010	2011	2012	
Non-Collision	1					1
Head-on	1				1	2
Rear-end	1	1	1		1	4
Angle, oncoming left turn	3	2		3	1	9
Broadside	1			4		5
Sideswipe, same direction	1		2			3
Sideswipe, opposite direction	1					1
Unknown						
Not Reported						
Total Crashes	9	3	3	7	3	25

Weather Condition of Crashes by Year Intersection of IA 28/MERLE HAY RD & MADISON AVE City of Des Moines, Polk County, Iowa from 2008-2012						
Weather Condition	Year					Total
	2008	2009	2010	2011	2012	
Clear	7	2	3	3	2	17
Partly Cloudy	1			2		3
Cloudy				1	1	2
Fog/Smoke						
Mist		1				1
Rain						
Sleet/Hail/Freezing Rain						
Snow				1		1
Severe Winds	1					1
Blowing Sand/Soil/Dirt/Snow						
Not Reported						
Other						
Unknown						
Total Crashes	9	3	3	7	3	25

Surface Condition of Crashes by Year Intersection of IA 28/MERLE HAY RD & MADISON AVE City of Des Moines, Polk County, Iowa from 2008-2012						
Surface Condition	Year					Total
	2008	2009	2010	2011	2012	
Dry	6	1	3	5	2	17
Wet		2		1	1	4
Ice						
Snow	1			1		2
Slush	1					1
Sand/Mud/Dirt/Oil/Gravel	1					1
Water (Standing/Moving)						
Other						
Unknown						
Not Reported						
Total Crashes	9	3	3	7	3	25

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Drug or Alcohol Related Crashes by Year Intersection of IA 28/MERLE HAY RD & MADISON AVE City of Des Moines, Polk County, Iowa from 2008-2012						
Drug/Alcohol	Year					Total
	2008	2009	2010	2011	2012	
Drug						
Alcohol (<Statutory)						
Alcohol (Statutory)	1					1
Drug/Alcohol (<Statutory)						
Drug/Alcohol (Statutory)						
Refused				1		1
Under Influence of Alcohol/Drugs/Medications						
None Indicated	8	3	3	6	3	23
Total Crashes	9	3	3	7	3	25

Vehicle Action of Drivers Involved in Crashes by Initial Direction of Travel Intersection of IA 28/MERLE HAY RD & MADISON AVE City of Des Moines, Polk County, Iowa from 2008-2012							
Vehicle Action	Initial Direction of Travel						Total
	North	East	South	West	Unknown	Not Reported	
Movement Essentially Straight	14	2	12	3			31
Turning Left	5		6	2			13
Turning Right		1					1
Making U-turn				1			1
Overtake/Passing							
Changing Lanes	1						1
Entering Traffic Lane (Merging)							
Leaving Traffic Lane							
Backing							
Slowing/Stopping	1		1	2			4
Stopped for Stop Sign/Signal		1	1				2
Legally Parked							
Illegally Parked/Unattended							
Other							
Not Reported							
Unknown							
Total Crashes	21	4	20	8			53

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Driver Contributing Circumstances of Drivers by Severity Intersection of IA 28/MERLE HAY RD & MADISON AVE City of Des Moines, Polk County, Iowa from 2008-2012						
Driver Contributing Circumstances	Severity					Total
	Fatal	Major Injury	Minor Injury	Possible/ Unknown Injury	Property Damage	
Ran Traffic Signal		1			3	4
Ran Stop Sign						
Exceeded Authorized Speed						
Driving Too Fast For Conditions					1	1
Made Improper Turn					1	1
Traveling Wrong Way or On Wrong Side Of Road					1	1
Crossed Centerline						
Lost Control				2		2
Followed Too Close					3	3
Swerved To Avoid: Vehicle/Object/Non-motorist/or Animal						
Over Correcting/Over Steering					1	1
Operating Vehicle in an						
FTYROW: From Stop Sign						
FTYROW: From Yield Sign						
FTYROW: Making Left Turn		2	1		5	8
FTYROW: Making Right Turn On Red Signal						
FTYROW: From Driveway						
FTYROW: From Parked Position						
FTYROW: To Pedestrian						
FTYROW: At Uncontrolled Intersection						
FTYROW: Other					2	2
Inattentive/Distracted By: Passenger						
Inattentive/Distracted By: Use of Phone or Other Device						
Inattentive/Distracted By: Fallen Object						
Inattentive/Distracted By:Fatigued/Asleep						
Other: Vision Obstructed						
Other Improper Action						
No Improper Action		5	1	3	19	28
Not Reported						
Unknown					2	2
Total Crashes		8	2	5	38	53

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Driver Age of All Crashes by Year						
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City of Des Moines, Polk County, Iowa from 2008-2012						
Driver Age	Year					Total
	2008	2009	2010	2011	2012	
< 14						
= 14						
= 15						
= 16			1			1
= 17				1		1
= 18	1					1
= 19						
= 20	1			1		2
21-24		1		1	1	3
25-29	2	2	1		1	6
30-34		1	1	2	1	5
35-39	7			4		11
40-44	1			1		2
45-49	2	1		2		5
50-54	1		2		1	4
55-59		1		1	1	3
60-64				1	1	2
65-69						
70-74	1		1	1		3
75-79	1					1
80-84				2		2
85-89						
90-94						
> 95						
Not Reported						
Unknown		1				1
Total Crashes	17	7	6	17	6	53

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Vehicle Configuration of Drivers Involved in Crashes by Year						
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Vehicle Configuration	Year					Total
	2008	2009	2010	2011	2012	
Passenger Car	9	5	4	8	4	30
Four-tire Light Truck (Pick-up/Panel)	2		1	3	1	7
Van or Mini-van	1	1	1	3		6
Sport Utility Vehicle	5	1		3	1	10
Single-unit Truck (2-axle/6-tire)						
Single-unit Truck (>= 3 axle)						
Truck/Trailer						
Truck Tractor (Bobtail)						
Tractor/Semi-trailer						
Tractor/Doubles						
Tractor/Triples						
Other Heavy Truck (cannot classify)						
Motor Home/Recreational Vehicle						
Motorcycle						
Moped/All-Terrain Vehicle						
School Bus (seats>15)						
Small School Bus (seats 9-15)						
Other Bus (seats>15)						
Other Small Bus (seats 9-15)						
Farm Vehicle/Equipment						
Maintenance/Construction Vehicle						
Train						
Other						
Not Reported						
Unknown						
Total Crashes	17	7	6	17	6	53

Disclaimer:

The information contained in this report was derived from the January 15, 2014 Iowa Department of Transportation crash database.

If errors or odd cases are found, please communicate the case number or send a printed crash report to Michael Pawlovich, Iowa DOT, Office of Traffic and Safety, (Michael.Pawlovich@dot.iowa.gov, 515.239.1428).

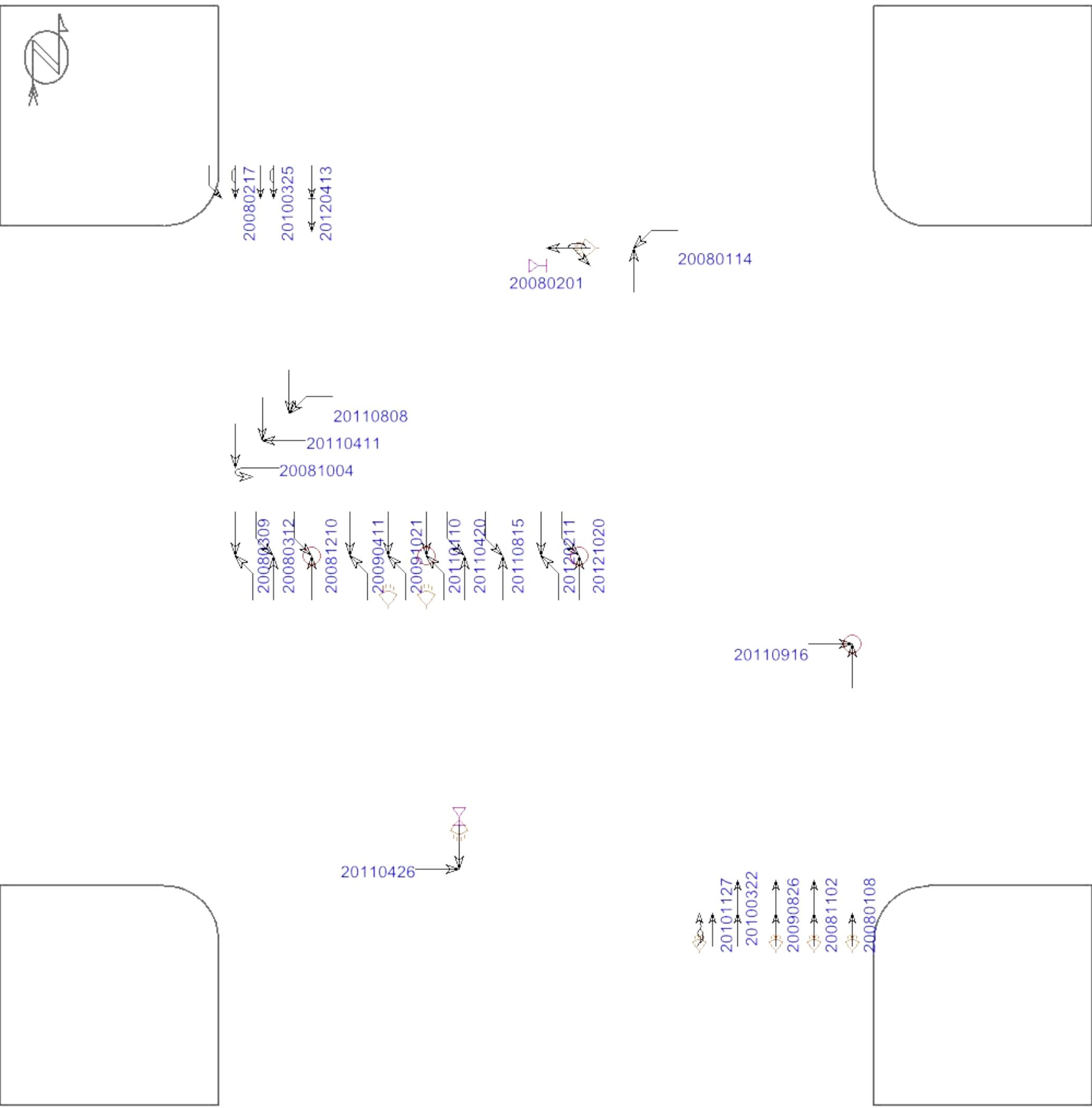


IOWA STATE
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IA 28/Merle Hay Rd. & Madison Ave.

2008 - 2012 Reportable Crashes



(0) crashes could not be placed in this schematic

- | | | | |
|--|--|---|--|
| <ul style="list-style-type: none"> ↔ Straight ↔ Stopped ↔ Unknown ↔ Backing ↔ Overtaking ↔ Sideswipe | <ul style="list-style-type: none"> ▭ Parked ↔ Erratic ↔ Out of control ↔ Right turn ↔ Left turn ↔ U-turn | <ul style="list-style-type: none"> ⊗ Pedestrian ⊗ Bicycle ○ Injury ⊙ Fatality ☾ Nighttime ⚔ DUI | <p>Fixed objects:</p> <ul style="list-style-type: none"> □ General ⊠ Signal ⊠ Tree ⊠ Pole ⊠ Curb ⊠ Animal |
|--|--|---|--|

- ◁ 3rd vehicle
- * Extra data