

Intersection Safety in Saskatchewan 2011-2012

The worst intersections in Saskatchewan are presented below for highways/rural roads and urban roads, along with cost estimates and contributing factors. The data was developed from the Traffic Accident Information System (TAIS), which is police reported in the period 2011-2012. TAIS only includes property-damage-only (PDO) collisions where the damage is over \$5,000. The 2012 TAIS data is still preliminary. Cost estimates were derived from SGI's claims system and are presented in 2012 dollars.

1. Urban Intersections

A. Worst Urban Intersections —All Collisions and Major Factors

Overall Top 10 Worst Intersections in Urban Areas 2011-2012				
Intersection	PDO Collisions	Injury Collisions	Fatal Collisions	Total Collisions
51st St/Lenore and Wanuskewin/Warman	74	28	0	102
8th St E and Circle Dr	60	32	0	92
22nd St and Idylwyld Dr	57	26	0	83
Ave C and Circle Dr	53	21	0	74
22nd St and Confederation/Fairlight	48	24	0	72
8th St and McKercher Dr	51	19	0	70
Fleet St/University Pk Dr and Victoria Ave	39	30	0	69
Circle Dr and Millar Ave	55	14	0	69
33rd St and Idylwyld Dr	42	21	0	63
51st St and Millar Ave	51	11	0	62

Top 5 Major Contributing Factors for the Top 10 Worst Intersections in Urban Areas	
Top	Major Contributing Factor
1	Inattentive
2	Fail to Yield Right of Way
3	Following Too Closely
4	Weather Conditions
5	Driving Too Fast for Road Conditions

B. Worst Urban Intersections Ranked by Fatal Collisions

Top 10 Worst Intersections for Fatal Collisions in Urban Areas 2011-2012				
Intersection	PDO Collisions	Injury Collisions	Fatal Collisions	Total Collisions
Attridge Dr and Central Ave	33	21	1	55
Central Ave and College Dr	11	4	1	16
Fleury St and Victoria Ave E	9	5	1	15
McCarthy Blvd and Mikkelson Dr	10	2	1	13
#5 Hwy and Mcromond RD	8	3	1	12
23rd ST and Ave W	1	1	1	3
Dewdney Ave and Pinkie Rd	1	0	1	2
7th ST and Eastlake Ave	1	0	1	2
Idylwyld Dr and 71st/Marquis Dr	0	0	1	1
Miners Ave and 2900 52nd /54th	0	0	1	1

Top 5 Major Contributing Factors for the Top 10 Intersections for Fatal Collisions in Urban Areas	
Top	Major Contributing Factor
1	Fail to Yield Right of Way
2	Inattentive
3	Traffic Control Device Disregarded
4	Other Human Action
5	Exceeding Speed Limit

C. Worst Urban Intersections—All Crashes and Associated Costs

Top 10 Worst Urban Intersections in 2011-2012			
Intersection Names	City	Total Number of Collisions	Cost Per Intersection (2012 dollars)
51st St / Lenore & Wanuskewin / Warman	Saskatoon	102	\$ 831,430
8th St E/ Circle Dr	Saskatoon	92	\$ 749,917
Idylwyld Dr & 22nd St	Saskatoon	83	\$ 676,555
Ave C & Circle Dr	Saskatoon	74	\$ 603,194
22nd St/ Confederation/Fairlight	Saskatoon	72	\$ 586,891
McKercher Dr & 8th St	Saskatoon	70	\$ 570,589
Fleet St / University PK Dr & Victoria Ave	Regina	69	\$ 562,438
Circle Dr/ Millar Ave	Saskatoon	68	\$ 554,286
33rd St/Idylwyld Dr	Saskatoon	63	\$ 513,530
51st St/ Millar Ave	Saskatoon	62	\$ 505,379
Total			\$ 6,154,209
*Average cost per collision in urban areas			\$ 8,151

2. Highway and Rural Intersections

A. Worst Highway/Rural Intersections —All Collisions and Costs

Overall Top 10 Worst Intersections on Saskatchewan Highways 2011-2012				
Highway Control Section	PDO Collisions	Injury Collisions	Fatal Collisions	Total Collisions
Hwy 1, Section 8	18	14	0	32
Hwy 11, Section 10	6	18	3	27
Hwy 11, Section 8	15	6	0	21
Hwy 16, Section 20	9	6	1	16
Hwy 16, Section 23	11	5	0	16
Hwy 1, Section 10	8	6	1	15
Hwy 46, Section 1	9	5	1	15
Hwy 13, Section 3	7	4	2	13
Hwy 17, Sect 6	6	5	0	11
Hwy 3, Sect 11	4	4	1	9

Top 5 Major Contributing Factors for the Top 10 Worst Intersections on Saskatchewan Highways	
Top	Major Contributing Factor
1	Inattentive
2	Fail to Yield Right of Way
3	Traffic Control Device Disregarded
4	Driving Too Fast for Road Conditions
5	Following Too Closely

B. Worst Highway/Rural Intersections Ranked by Fatal Collisions

Top 10 Worst Intersections for Fatal Collisions on Saskatchewan Highways 2011-2012				
Highway Control Section	PDO Collisions	Injury Collisions	Fatal Collisions	Total Collisions
Hwy 11, Section 10	6	18	3	27
Hwy 13, Section 3	7	4	2	13
Hwy 16, Section 30	4	1	2	7
Hwy 1, Section 1	2	0	2	4
Hwy 16, Section 20	9	6	1	16
Hwy 1, Section 10	8	6	1	15
Hwy 46, Section 1	9	5	1	15
Hwy 3, Section 11	4	4	1	9
Hwy 18, Section 2	6	2	1	9
Hwy 6, Section 6	2	3	1	6

Top 5 Major Contributing Factors for the Top 10 Worst Intersections for Fatal Collisions on Saskatchewan Highways	
Top	Major Contributing Factor
1	Inattentive
2	Fail to Yield Right of Way
3	Driving Too Fast for Road Conditions
4	Traffic Control Device Disregarded
5	Weather Conditions

C. Worst Highway/Rural Intersections—All Crashes and Associated Costs

Top 10 Worst Highway/Rural Intersections 2011-2012		
Intersection Names	Total Number of Collisions	Cost Per Intersection (2012 Dollars)
Hwy 1-08	36	\$ 814,299
Hwy 11-10	27	\$ 610,724
Hwy 16-20	16	\$ 361,911
Hwy 16-23	16	\$ 361,911
Hwy 1-10	15	\$ 339,291
Hwy 46-01	15	\$ 339,291
Hwy 13-03	13	\$ 294,052
Hwy 17-06	11	\$ 248,814
Hwy 1-18	9	\$ 203,575
Hwy 3-11	9	\$ 203,575
Total		\$ 3,777,441
*Average cost per collision in urban areas		\$ 22,619