



2024 TRAFFIC ANALYSIS

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*A review of the
previous year's
statistics and
impact to
traffic safety*

Table of Contents

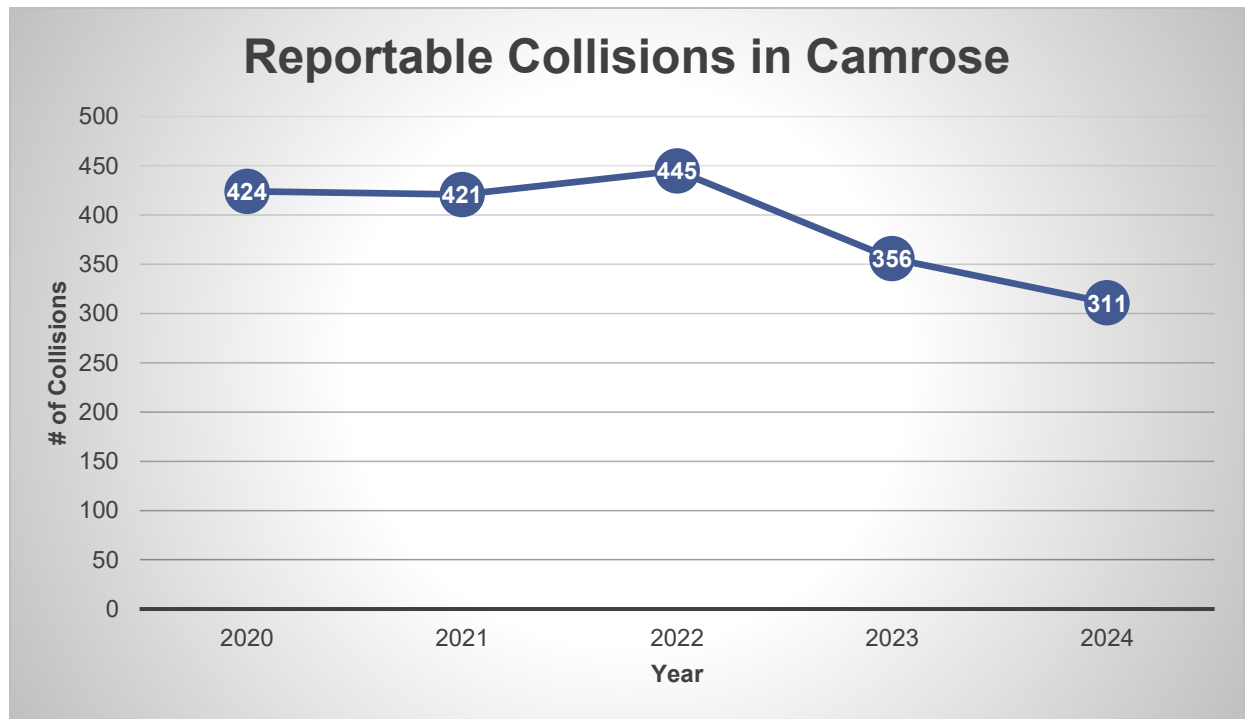
Table of Contents	Page 1
Collision Characteristics	Page 2
Types of Collisions	Page 4
Who	Page 4
When	Page 5
Why	Page 7
Where	Page 8
Enforcement	Page 9
Prevention	Page 11

COLLISION CHARACTERISTICS

Collisions in Camrose

Severity of Collision	2020	2021	2022	2023	2024
Fatal	0	0	0	1	0
Injury	13	24	19	19	24
Property Damage	411	397	426	336	287
TOTAL REPORTABLE COLLISIONS¹	424	421	445	356	311

- ❖ 13% decrease in the # of Total Collisions from 2023 to 2024
- ❖ # of Total Collisions in 2024 is **20%** below the five year average
- ❖ 1 Fatal Collision in the past five years
- ❖ **26%** increase in the # of Injury Collisions from 2023 to 2024.
- ❖ # of Injury Collisions in 2023 is **20%** above the five year average.



* Five year average: **391**

¹ A vehicle collision, which resulted in death, injury, or property damage greater than \$5,000.00.

** **NOTE** – Threshold for reportable collisions raised to \$5,000.00 Jan 1st, 2024 **

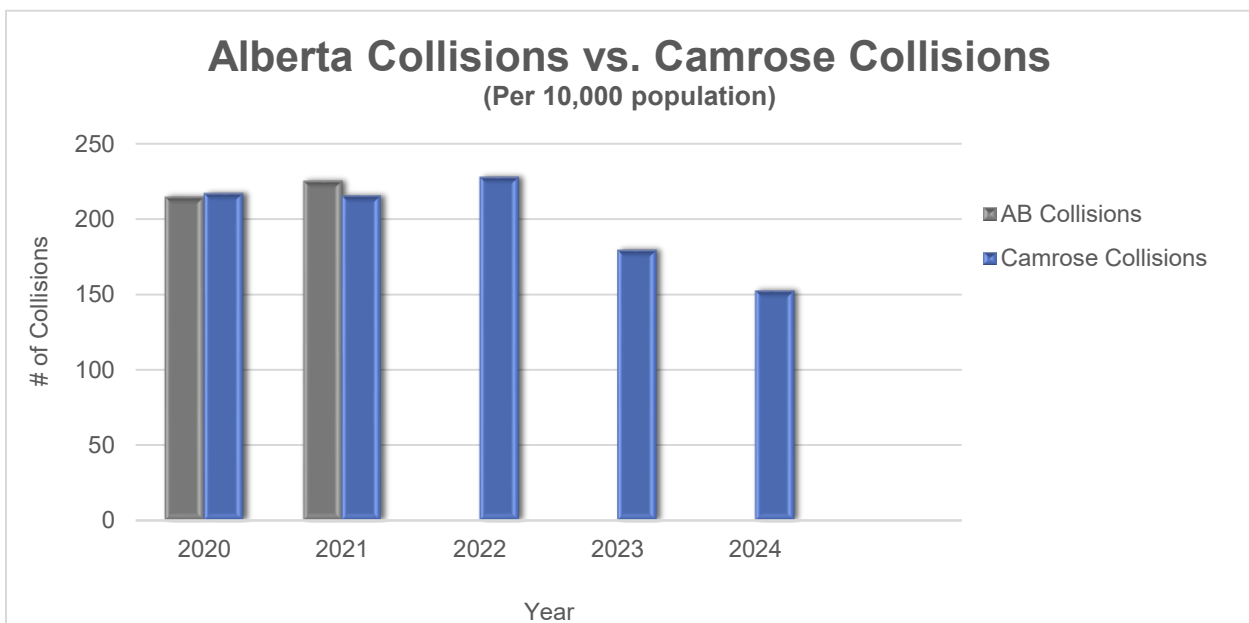
Camrose Collision Rate per 10,000 population

Severity of Collision	2020	2021	2022	2023	2024
Fatal	0.0	0.0	0.0	0.5	0.0
Injury	6.7	12.3	9.7	9.6	11.8
Property Damage	210.4	203.3	218.1	169.3	140.7
Total Reportable Collisions	217.1	215.6	227.8	179.4	152.5

Provincial Collision Rate per 10,000 population

Severity of Collision	2020	2021	2022	2023	2024
Fatal	0.5	0.5	0.61	*	*
Injury	20.6	22.6	*	*	*
Property Damage	193.8	202.5	*	*	*
Total Reportable Collisions	214.8	225.6	*	*	*

- ❖ # of overall collisions in Camrose remained fairly consistent with provincial statistics but decreased significantly in 2023.
- ❖ # of injury collisions in Camrose has been significantly less than provincial average
- ❖ Note – provincial collision data for 2022, 2023, and 2024 not yet available



TYPES OF COLLISIONS

Sub-Categories	2020	2021	2022	2023	2024
Pedestrian Collisions	4	4	6	3	5
Bicycle Collisions	4	1	1	2	0
Motorcycle Collisions	0	0	1	1	2
Hit & Run Collisions	136	111	75	71	95
Intersection Collisions	123	102	177	113	82

- ❖ # of Pedestrian, Bicycle, and Motorcycle collisions remained low and stable
- ❖ # of Hit and Run collisions increased **34%** from 2023 to 2024.
- ❖ **27%** decrease in # of Intersection collisions from 2023 to 2024.
- ❖ # of intersection collisions is **31%** below the 5 year average

WHO IS INVOLVED IN COLLISIONS

Age	# of Males	Age	# of Females
14-17	10	14-17	9
18-20	16	18-20	6
21-30	36	21-30	17
31-40	25	31-40	24
41-50	31	41-50	27
51-60	24	51-60	17
61-70	39	61-70	17
71-80	24	71-80	14
81+	23	81+	9

- ❖ Most collisions involving male drivers between 61-70 years of age
- ❖ Most collisions involving female drivers between 41-50 years of age

WHEN COLLISIONS OCCUR

Month	2020	2021	2022	2023	2024
January	55	23	35	34	32
February	40	22	36	25	35
March	20	26	29	35	27
April	17	16	34	31	26
May	20	20	21	26	26
June	25	30	26	25	21
July	15	26	34	18	10
August	28	19	37	23	19
September	33	36	25	26	23
October	29	23	33	32	18
November	45	37	63	28	26
December	2	21	69	41	48

- ❖ Most collisions continue to occur during winter months – typically coinciding with heavier periods of snowfall

Day of the Week	2020	2021	2022	2023	2024
Monday	49	38	56	45	45
Tuesday	55	50	60	48	46
Wednesday	39	49	67	56	46
Thursday	65	58	72	57	59
Friday	60	42	91	77	41
Saturday	33	33	50	32	30
Sunday	31	29	46	29	44

- ❖ Majority of collisions occurred on a Thursday.
- ❖ Least number of collisions occurred on a Saturday.

WHEN COLLISIONS OCCUR (Cont'd)

Time of Day (hrs)	2020	2021	2022	2023	2024
0100	1	11	12	11	6
0200	1	3	5	2	1
0300	0	0	2	1	1
0400	4	0	4	2	1
0500	5	0	1	1	0
0600	10	1	2	1	0
0700	15	1	8	3	3
0800	14	7	13	8	10
0900	16	4	24	22	25
1000	28	12	13	17	26
1100	39	22	35	20	23
1200	26	28	30	38	21
1300	29	30	39	34	23
1400	26	25	40	26	22
1500	28	33	36	32	25
1600	25	33	35	39	31
1700	17	24	39	17	24
1800	8	28	34	24	23
1900	10	12	16	11	10
2000	5	7	16	7	14
2100	7	8	12	10	6
2200	4	2	13	7	6
2300	0	2	7	7	7
2400	13	6	6	4	3

- ❖ Most collisions continue to occur between 9:00 AM and 6:00 PM when traffic volumes are at their highest
- ❖ The highest number of collisions occurs at 4:00 PM.

WHY COLLISIONS OCCUR

Driver Action	# of Objects	Driver Action	# of Objects
Driving Properly	161	Improper Lane Change	15
Stop Sign Violation	13	Disobey Traffic Signal	6
Yield Sign Violation	2	Ran Off Road	16
Fail to Yield ROW Uncontrolled	7	Improper Turn	21
Fail to Yield ROW Pedestrian	1	Left of Centre	4
Followed Too Closely	21	Crossing Without ROW	1
Parked Vehicle – Vehicle Action	128	Improper Passing	1
Backed Unsafely	38	Other/Specify	31
Left Turn Across Path	12	Unknown	105
		Crossing with ROW	4
		Walking/Working On Roadway	1

- ❖ #1 cause continues to be **Backing Unsafely** (#1 in 2023 as well)

ROAD & WEATHER CONDITIONS

Road Conditions	2020	2021	2022	2023	2024
Slush/Snow/Ice	129	53	194	93	100
Loose Surface Material	1	1	1	4	1
Wet/Muddy	8	12	12	9	12
Other	26	13	30	25	33
Weather Conditions	2020	2021	2022	2023	2024
Raining	3	7	8	7	7
Snowing	19	11	42	12	26
Hail/Sleet	0	1	0	1	1
Fog / Smoke / Dust	1	0	0	2	0

- ❖ Road conditions were noted to be a factor in **36%** of collisions
- ❖ Weather conditions were noted to be a factor in **11%** of collisions
- ❖ Snow continues to be the most common contributing factor present in collisions

WHERE COLLISIONS OCCUR

Intersection Location	2020		2021		2022		2023		2024	
	Collisions	Injury	Collisions	Injury	Collisions	Injury	Collisions	Injury	Collisions	Injury
48 Ave./ 68 St.	11	1	12	1	18	0	11	3	8	2
48 Ave./ 73 St.	5	0	4	1	6	1	6	0	4	0
48 Ave./ 48 St.	*	*	2	0	*	*	*	*	3	1
48 Ave./ 51 St.	7	0	2	2	3	0	2	0	3	0
48 Ave./ 65 St.	2	0	4	1	2	0	*	*	3	1
48 St./ 51 Ave.	*	*	3	1	*	*	*	*	3	0
48 Ave./ 66 St.	4	0	6	1	13	2	8	2	2	0
48 Ave./ Gr. Drive	5	1	2	0	9	0	*	*	2	1
48 Ave./ 53 St.	*	*	4	0	6	0	6	1	2	0
54 Ave./ 53 St.	*	*	*	*	4	3	2	0	*	*
48 Ave./ 50 St.	2	0	*	*	9	0	3	0	*	*

* Collision data not available due to not being in the top 10 collision intersections

In 2024, there were 82 intersection collisions in the City of Camrose (26% of all reportable collisions).

Of the top 9 intersection collision sites, 8 (89%) occurred on 48 Avenue.

The 68 Street / 48 Avenue intersection continued to be the top intersection for collisions in Camrose (8).

Some analysis of the collisions at this intersection in 2024 revealed the following:

- ❖ **Lowest** # of collisions in past 5 years
- ❖ **27%** reduction in collisions from previous year
- ❖ **33%** reduction in injury collisions from previous year
- ❖ Collisions were most prevalent on Friday (3).
- ❖ The most collisions (3) occurred between 2:00 and 4:00 PM

Per the table below, the most common cause of collisions at this intersection continue to be vehicles turning left across the path of traffic.

Lane Violation	Rear-End at Intersection	Red Light Violation	Too Fast for Road Conditions	Left Turn Across Path	Other
			1	5	2

ENFORCEMENT

Criminal Offences	2020	2021	2022	2023	2024
Roadside Suspensions	11	*	*	*	*
Impaired Charges (Criminal Code)	16	1	2	1	2
Fail to Provide / Refusal	0	1	3	0	0
Disqualified Driving	5	23	9	4	5
Dangerous Operation	7	7	10	11	4
Fail to Remain Criminal	2	0	2	1	0

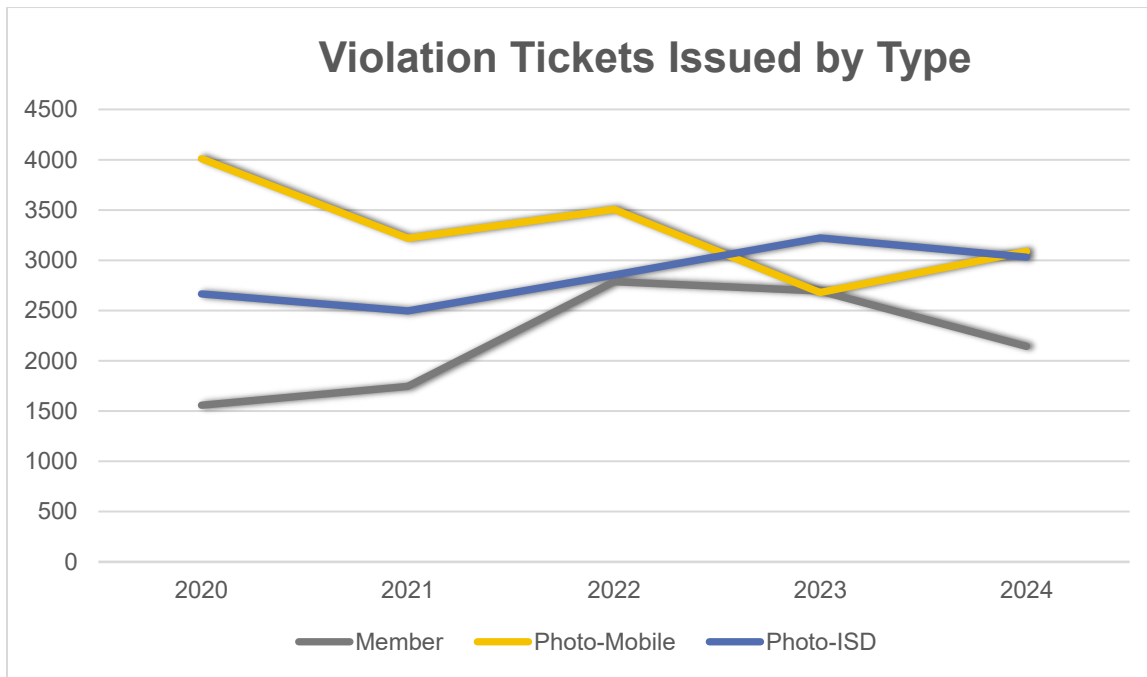
* Roadside Suspensions now captured in table below in new Provincial Contraventions Program

Impaired Driving Activities	2020	2021	2022	2023	2024
IRS – Fail	1	25	38	45	40
IRS – Warn	0	3	7	25	19
IRS – Zero	1	2	4	9	3
IRS – 24 hr	0	5	6	14	20
Checkstops	16	18	49	25	22

* Provincial Contraventions Program was created in December 2020. (Explains transference of statistics from Impaired Charges (Criminal Code) to IRS Fail – outlined in red above)

Provincial Offences	2020	2021	2022	2023	2024
Hit and Run	2	9	9	7	8
Careless Driving	6	12	10	11	8
Suspended Driving	5	23	21	33	39
No Insurance	13	51	60	44	48
Member Issued Violations	1,558	1,745	2,787	2,695	2,143
Photo Radar – Mobile Violations	4,010	3,219	3,506	2,679	3,087
Intersection Safety Device	2,664	2,496	2,853	3,222	3,030

* Intersection Safety Device implemented Feb 1, 2020



PREVENTION

Similar to other public safety strategies, prevention is a key component to mitigating road safety concerns and making our streets safer.

Throughout the course of the year, the Camrose Police Service remained dedicated to several prevention and public education initiatives:

- ❖ Bike Rodeo – Focusing on bicycle safety tips for youth
- ❖ Electronic Speed Sign – posted at various locations throughout the city
- ❖ Maintenance of 6 traffic sensors throughout Camrose to monitor traffic flow and speed
- ❖ Posting several road safety articles on the CPS Facebook page and Camrose Booster
- ❖ Partnering with the RCMP and Sheriff Traffic units for integrated traffic safety initiatives
- ❖ Participated in the National Road Safety Week and Operation Impact traffic projects during May and October long weekends
- ❖ Strategic Checkstop deployments as part of operational weekly priorities
- ❖ Presentations to schools and City of Camrose staff
- ❖ Radio advertisements on New Country 98.1 FM station during holiday season