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Bicyclist & Pedestrian Program

Collision Analysis
2007 4th Quarter (Oct. – Dec.)

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Background and Introduction

To evaluate Traffic Collisions, the City of San José's Department of Transportation (DOT) obtains copies of Traffic Collision Reports (TCR) for collisions occurring in San Jose. TCR's are prepared by the San Jose Police Department (SJPD) at the scene of the collision. Using proprietary software called Traffic Accident Prevention System (TAPS), DOT collects basic collision data from the TCR's. DOT staff enters approximately 14,000 TCR's into TAPS each year.

The City of San José Bicyclist Pedestrian Program provides additional analysis of all TCR's involving bicyclists or pedestrians. This analysis is summarized and submitted by DOT staff for review by the City of San José Bicycle & Pedestrian Advisory Committee (BPAC).

Collisions are classified based on a system of assigning the party most at fault.

I. BICYCLIST COLLISION DATA

In the fourth quarter of 2007, there were:

- 78 bicyclist collisions¹
- 9 Hit and Run collisions²

Temporal Distribution

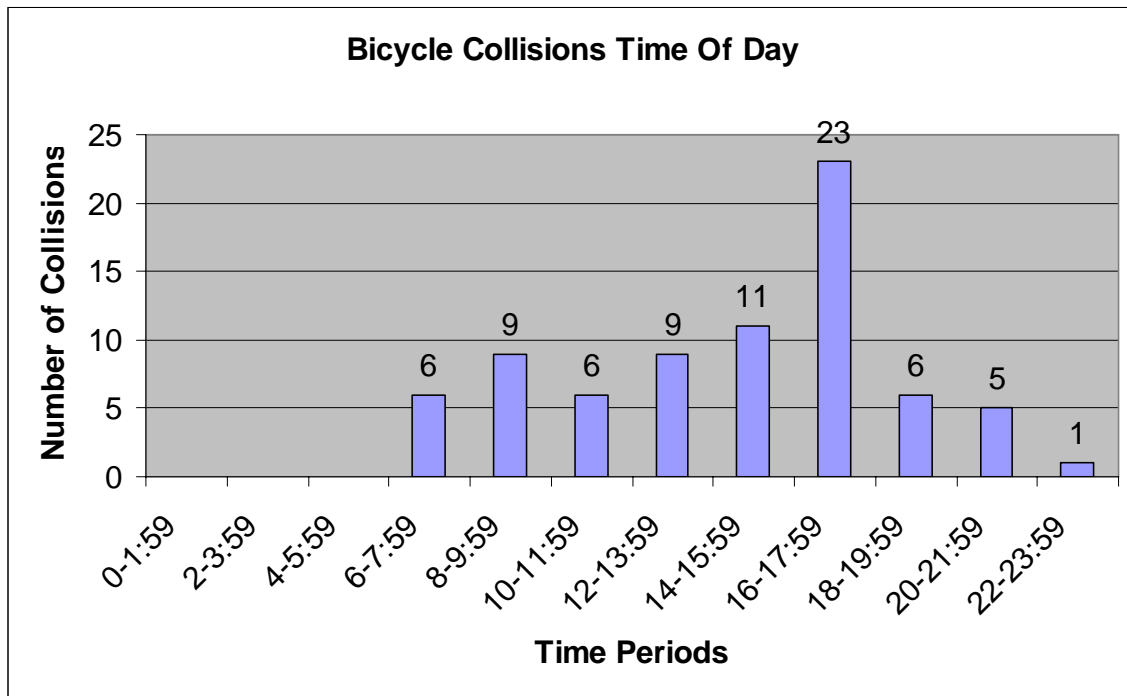


Figure 1.1³

¹ Data as of 7/28/08. Note that collision data may change slightly as a result of late reports and changing medical conditions.

² Fleeing the scene does not necessarily render a party most at fault.

³ Some TCRs may not contain complete data in every field. Therefore, specific query totals may not match collision totals.

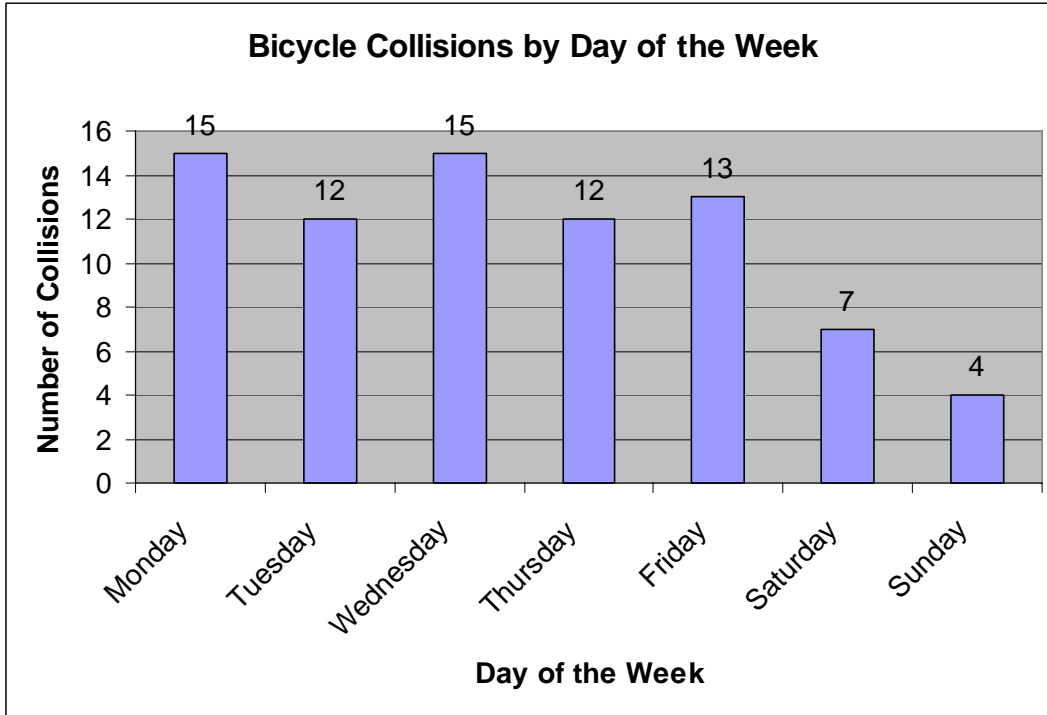


Figure 1.2

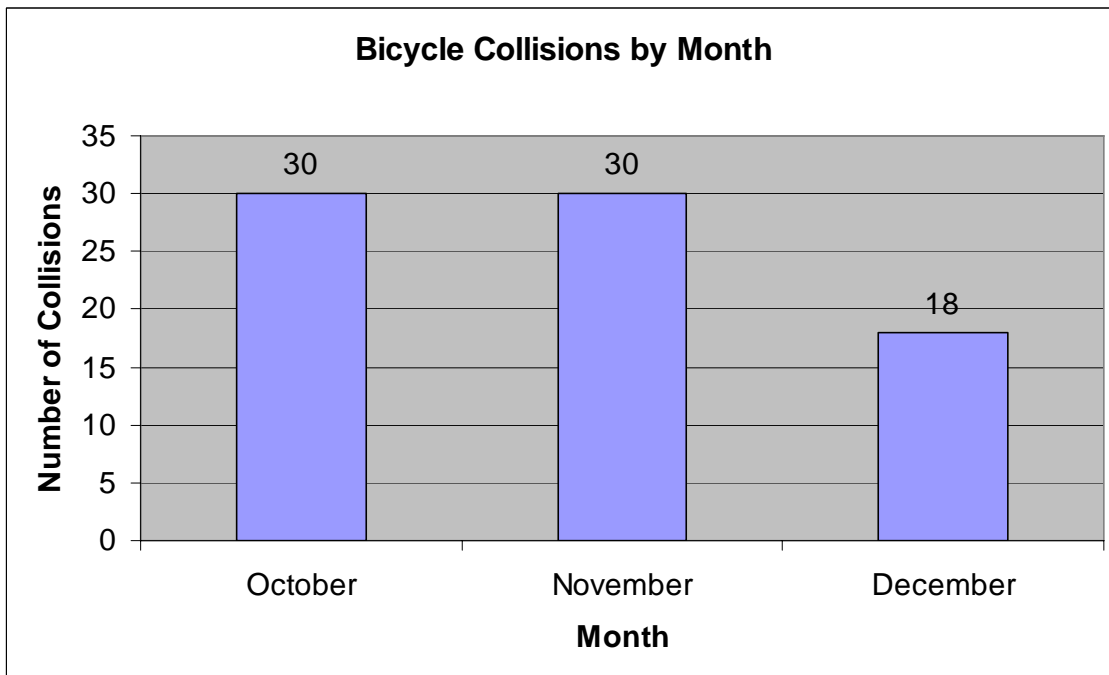


Figure 1.3

Collision Type Distribution

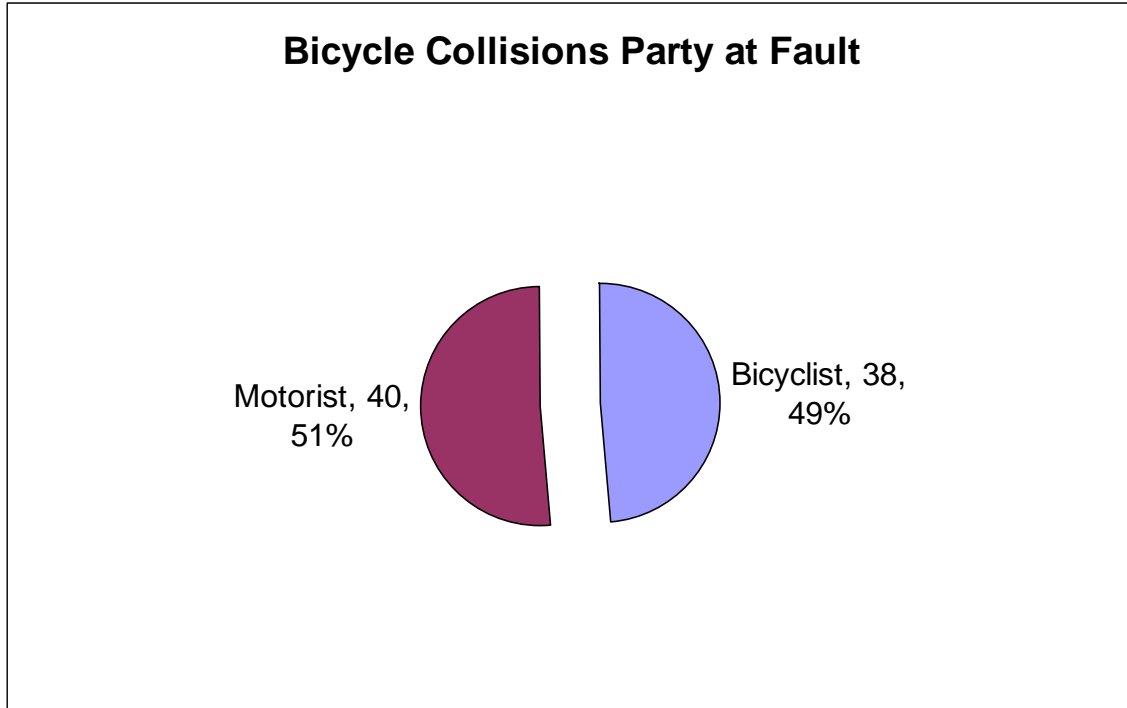


Figure 1.4 (see table 1.1)

** Unknown reflects situations in which the reporting Officer is unable to determine individual fault from information available at the time of the collision report.

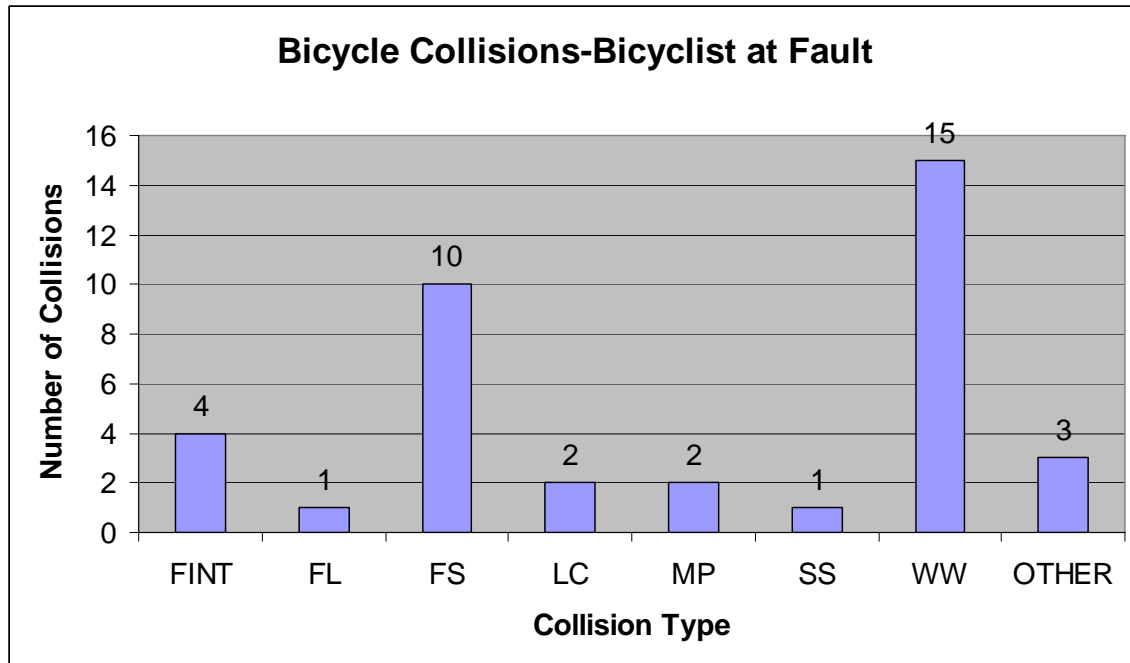


Figure 1.5

Collision Type Descriptions

WW	Wrong Way: Bicyclist riding on wrong side of roadway.
MP	Mid-Block Pull-Out: Bicyclist riding from driveway onto roadway.
MD	Mid-Block Dash: Bicyclist attempts to cross roadway when unsafe to do so at a mid-block location.
SS	Sideswipe: Motorist drives too close to pedestrian and contact ensues.
FS	Failure to Yield, Stop Sign/Signal: Bicyclist does not stop at stop sign or yield to signal.
LC	Lane Change: Bicyclist changes lane in an unsafe manner.
SOLO	Solo: Accident involving a bicyclist only.
FR	Failure to Yield, Right Turn: Bicyclist making a right turn does not yield to oncoming traffic.
FL	Failure to Yield, Left Turn: Bicyclist making a left turn does not yield to oncoming traffic.
FINT	Failure to Yield in Intersection: Bicyclist does not yield to a motorist in the intersection, not defined by FR or FL.
OTHER	Other: Collision type not defined by any of the types above (eg. Intoxicated bicyclist, faulty bike components, towed by vehicle).
UNK	Unknown: Not enough information present in report to determine cause.

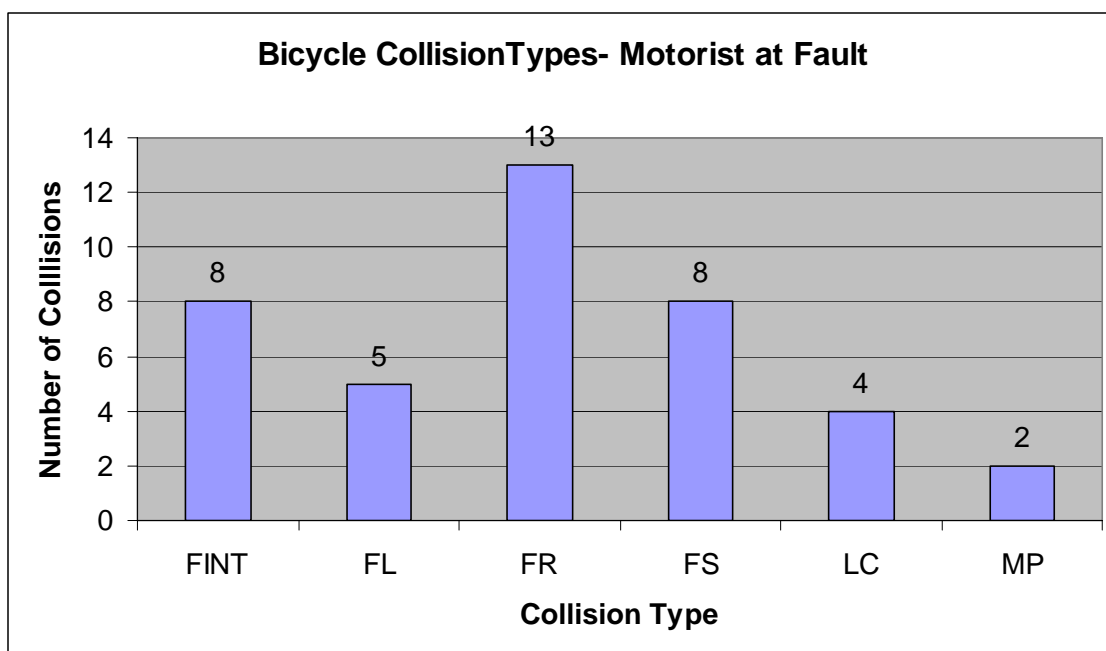


Figure 1.6

Collision Type Descriptions

WW	Wrong Way: Traveling on wrong side of roadway.
MP	Mid-Block Pull-Out: Party moving from driveway onto roadway.
MD	Mid-Block Dash: Party attempts to cross roadway when unsafe to do so at a mid-block location.
FS	Failure to Yield, Stop Sign/Signal: Party does not stop at stop sign or yield to signal.
LC	Lane Change: Party changes lane in an unsafe manner.
SOLO	Solo: Accident involving a single party.
FR	Failure to Yield, Right Turn: Party making a right turn does not yield to oncoming traffic.
FL	Failure to Yield, Left Turn: Party making a left turn does not yield to oncoming traffic.
FINT	Failure to Yield in Intersection: Party does not yield to another party in the intersection, not defined by FR or FL.
OTHER	Other: Collision type not defined by any of the types above.

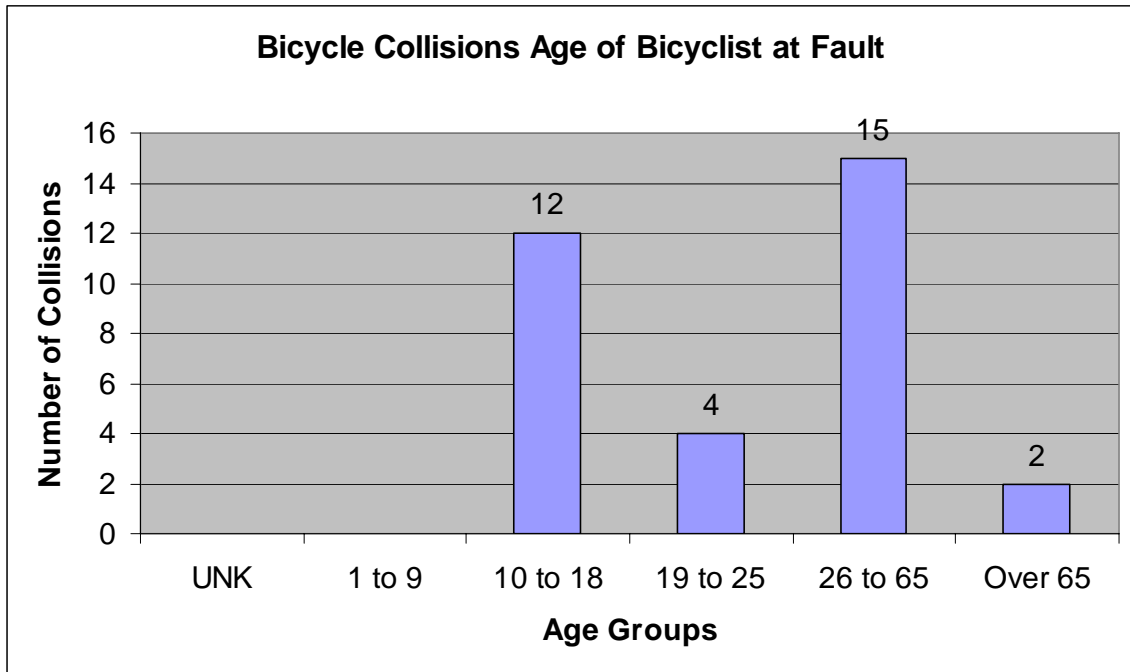


Figure 1.7

Bicycle Collisions and Minors

	Count	%
Bicycle Collisions	78	100%
Bicyclist at Fault	33	42%
Minor Involved ⁴	24	31%
Minor at fault	12	15%

Table 1.1

⁴ Includes minor bicyclist and/or motorist.

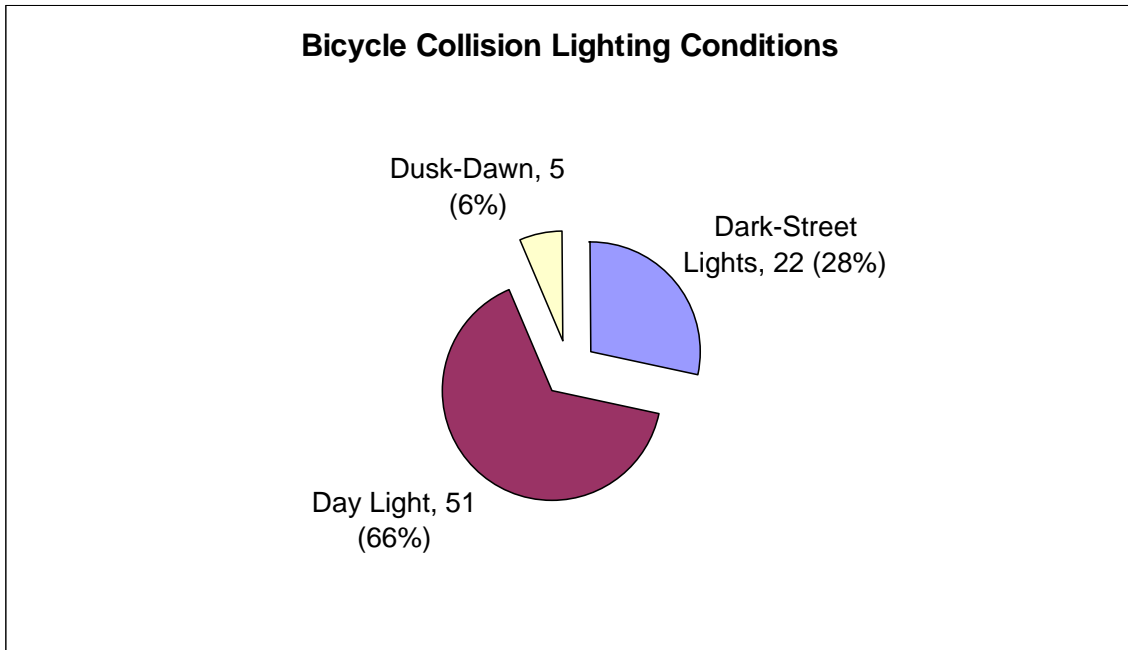


Figure 1.8

Bicycle Fatality Analysis

In the fourth quarter of 2007, there were no bicycle fatalities.

II. PEDESTRIAN COLLISION DATA

In the fourth quarter of 2007, there were:

- 122 pedestrian collisions⁵
- 20 Hit and Run Collisions
- 8 Fatalities

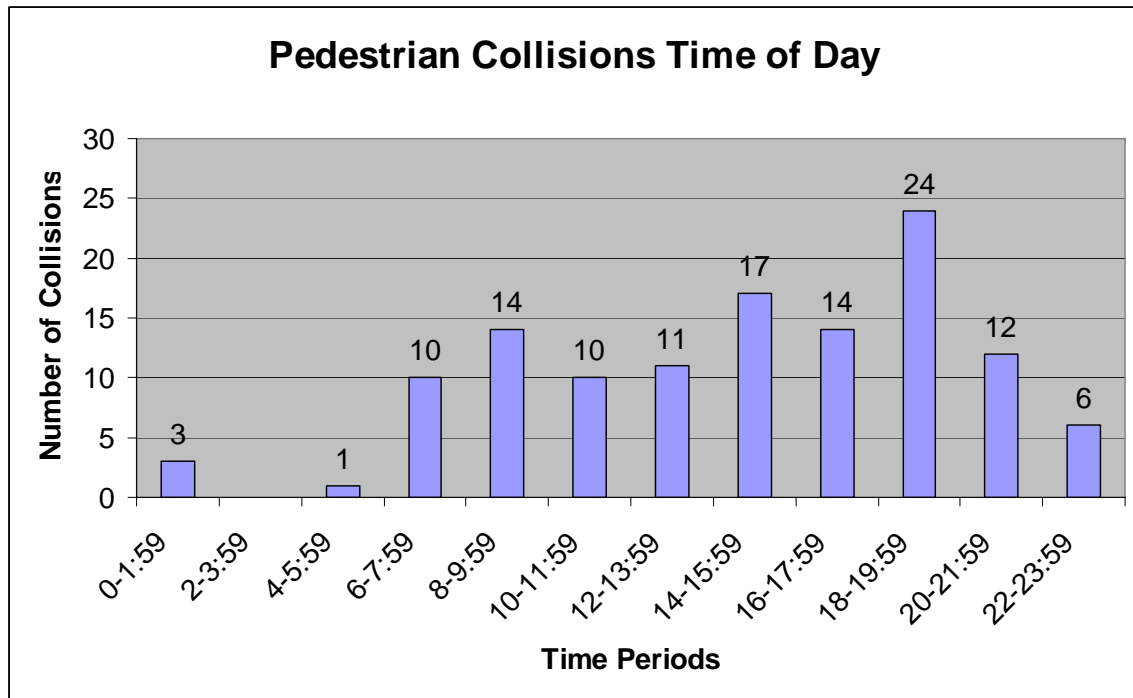


Figure 2.1

⁵ Some TCRs may not contain complete data in every field. Therefore, specific query totals may not match up to collision totals.

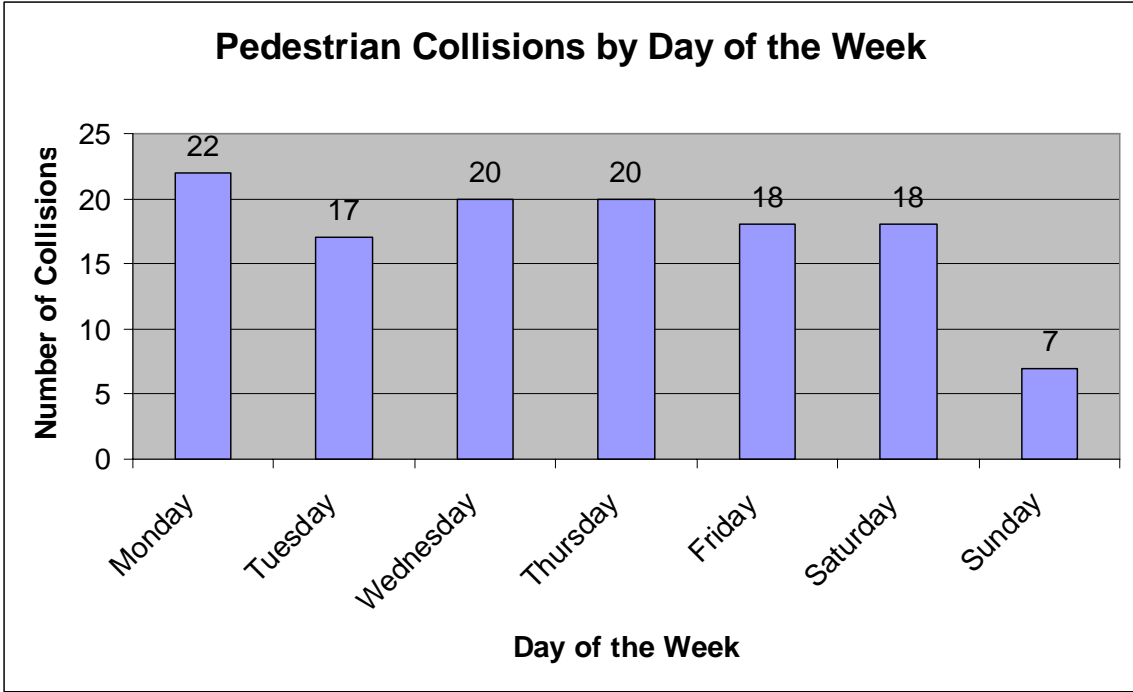


Figure 2.2

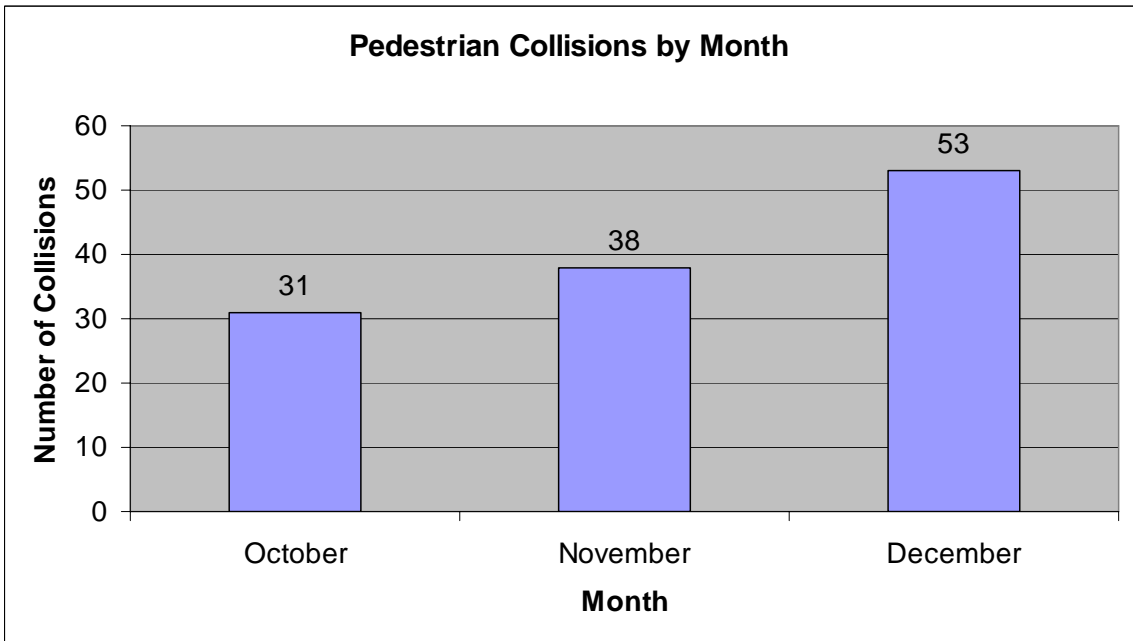


Figure 2.3

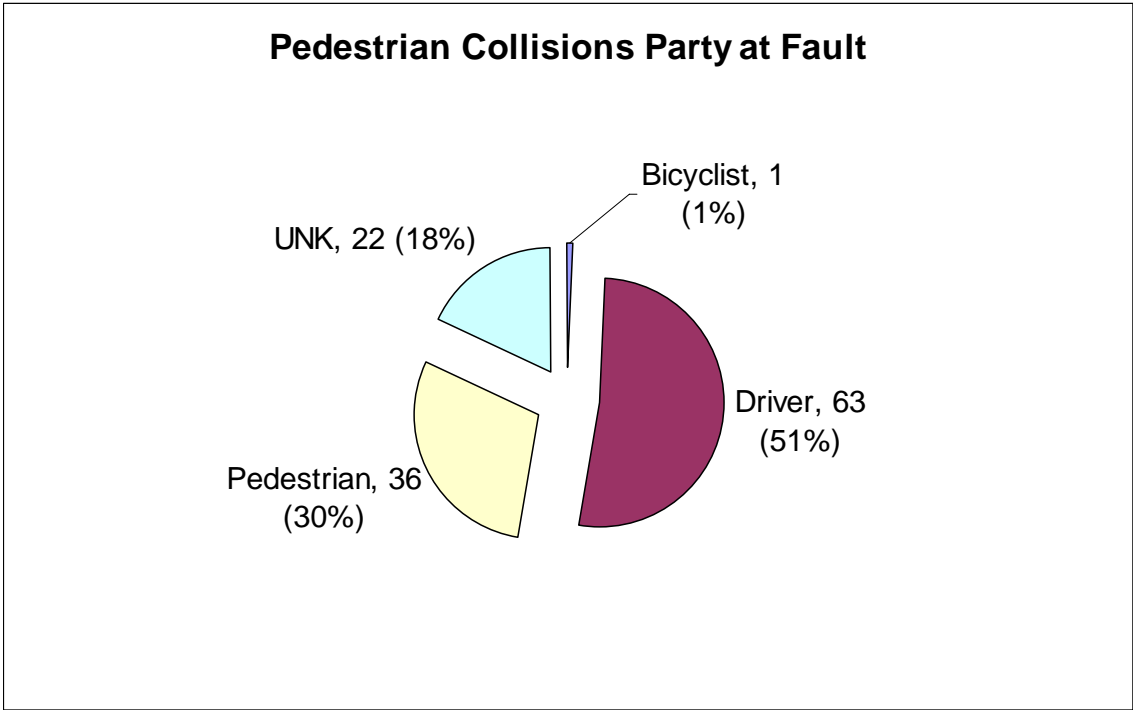


Figure 2.4

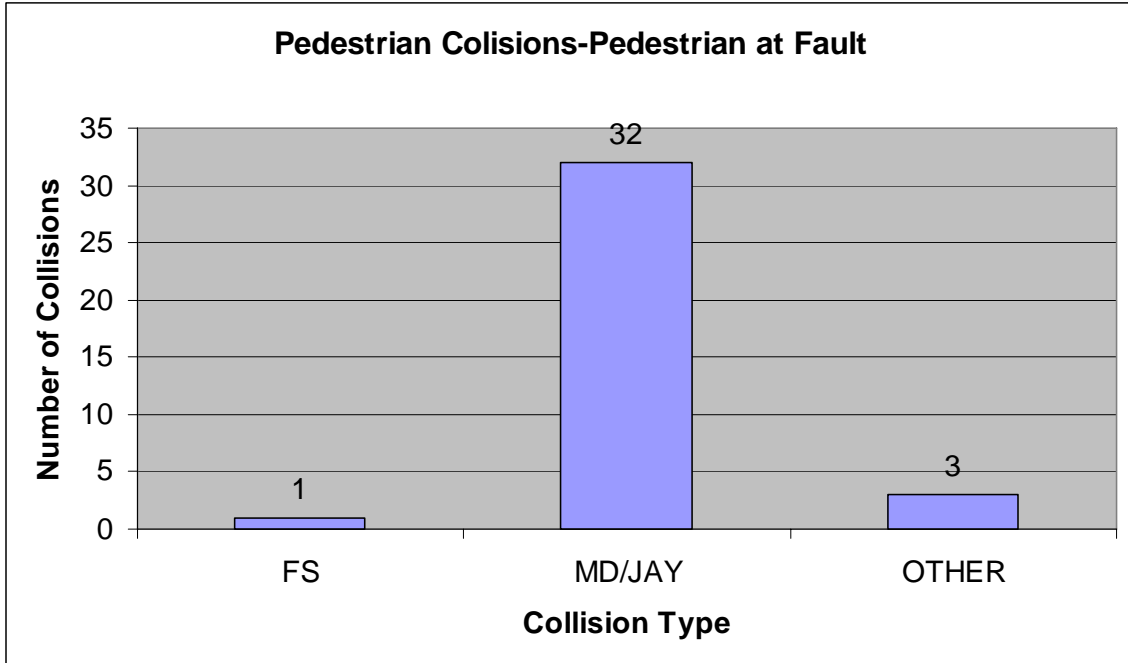


Figure 2.5

Collision Type Descriptions

- MP Mid-Block Pull-In/Out: Motorist pulls into or out of driveway.
- MD/JAY Mid-Block Dash/Jaywalking: Pedestrian crosses a roadway at a mid-block location.
- FS Failure to Yield, Stop Sign/Signal: Pedestrian does not stop at stop sign or yield to signal.
- FINT Failure to Yield in Intersection: Pedestrian does not yield to a motorist in the intersection.
- OTHER Other: Collision type not defined by any of the types above.
- SOLO Solo: Accident involving a pedestrian only.
- WW Wrong Way: Party traveling on wrong side of roadway.

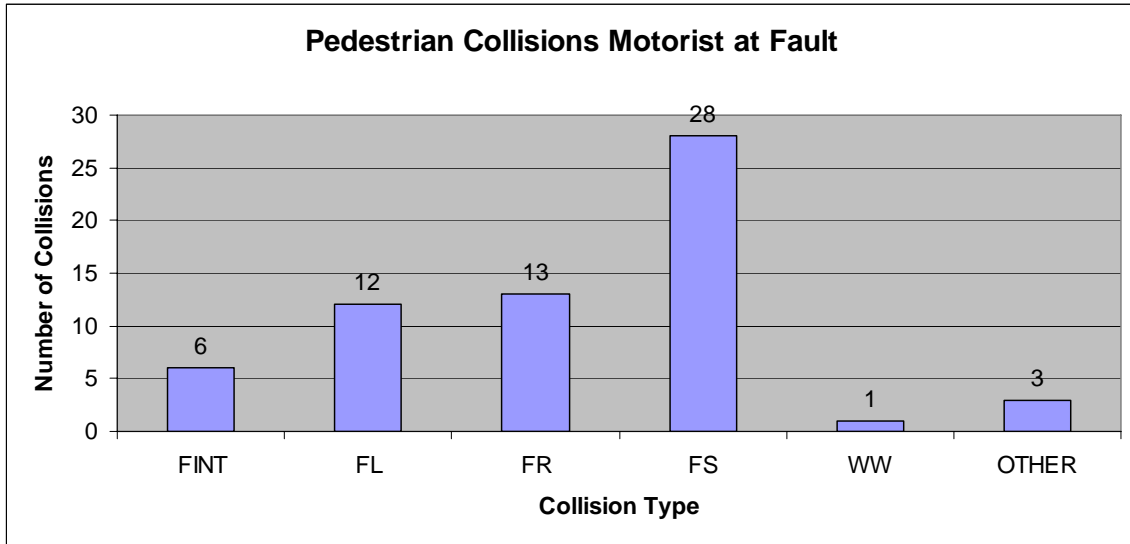


Figure 2.6

Collision Type Descriptions

- MP Mid-Block Pull-In/Out: Motorist pulls into or out of driveway.
- FS Failure to Yield, Stop Sign/Signal: Motorist does not stop at stop sign or yield to signal.
- FL Failure to Yield, Left Turn: Motorist making a left turn does not yield to pedestrian.
- FR Failure to Yield, Right Turn: Motorist making a right turn does not yield to pedestrian.
- FINT Failure to Yield in Intersection: Motorist does not yield to a pedestrian in the intersection.
- SS Sideswipe: Motorist drives too close to pedestrian and contact ensues.
- OTHER Other: Collision type not defined by any of the types above.

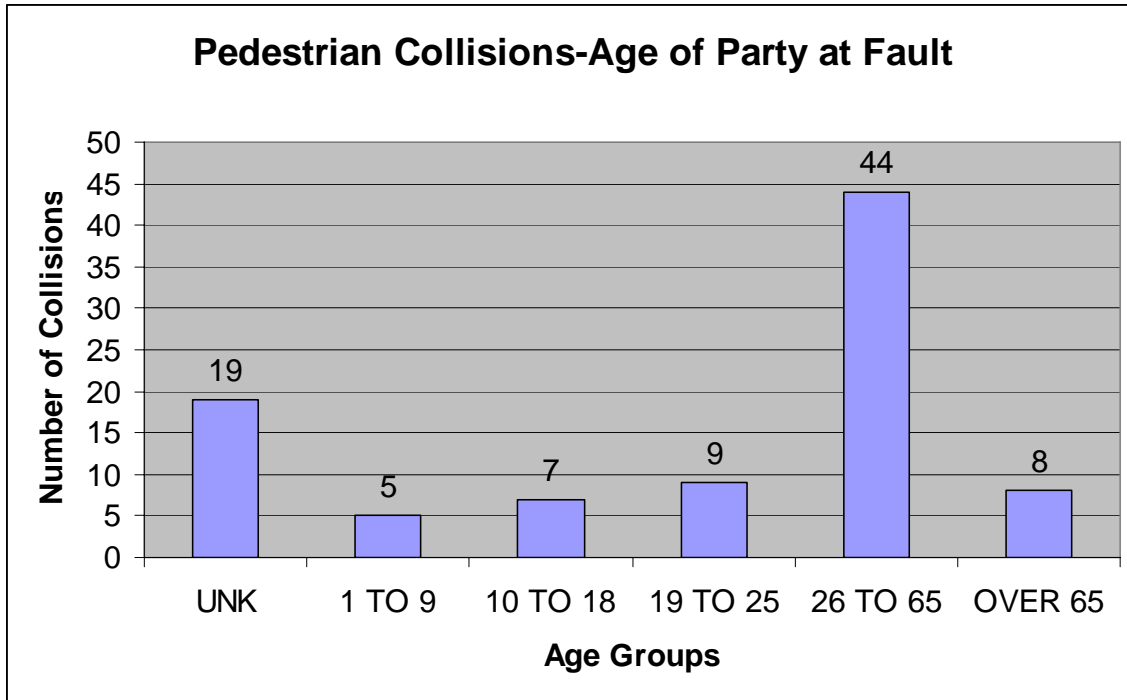


Figure 2.7

Pedestrian Collisions and Minors

	Count	%
Total Pedestrian Collisions	122	100%
Pedestrian Collisions with Pedestrian at Fault	35	29%
Minor Involved ⁶	31	25%
Minor At Fault	12	10%

Table 2.1

⁶ Includes minor pedestrians and motorist.

Pedestrian Collision Lighting Conditions

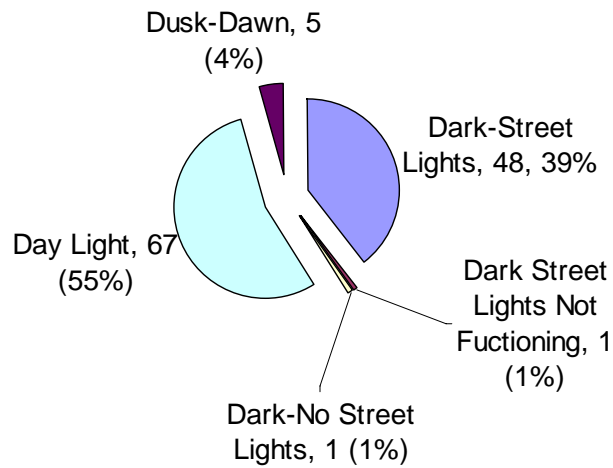


Figure 2.8

Pedestrian Fatality Analysis

In the fourth quarter of 2007, there were 8 pedestrian fatalities.

<u>Date</u>	<u>Time</u>	<u>Age</u>	<u>Sex</u>	<u>Location</u>	<u>Day/Night</u>
10/1/07	0848	63	M	Blossom Ave at Blossom Hill	Day
10/9/07	0635	84	F	Canoas Garden at Mill Stream Dr.	Day
11/4/07	2032	6	M	4th Street, between Hedding & Younger	Night
11/4/07	2032	40	F	4th Street, between Hedding & Younger	Night
11/19/07	1823	72	F	Senter Road at Balfour	Night
12/3/07	0445	59	M	Branham Lane at Eagle Lake Dr.	Night
12/11/07	1850	42	M	Boynton Av at Williams Av	Night
12/12/07	2203	44	M	Bascom Av at Borello Drt	Night