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Bicyclist and Pedestrian Program

Collision Analysis 2007 1st Quarter Report

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**City of San José, Bicyclist and Pedestrian Program
Collision Analysis
2007 First Quarter Report**

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 time of the collision. DOT then collects basic collision data using proprietary software called Traffic Accident Prevention System (TAPS). DOT staff enters approximately 14,000 TCRs into TAPS each year.

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

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

I. BICYCLIST COLLISION DATA

In the first quarter of 2007, there were:

- 66 bicyclist collisions¹
- 15 Hit and Run collisions²

Temporal Distribution

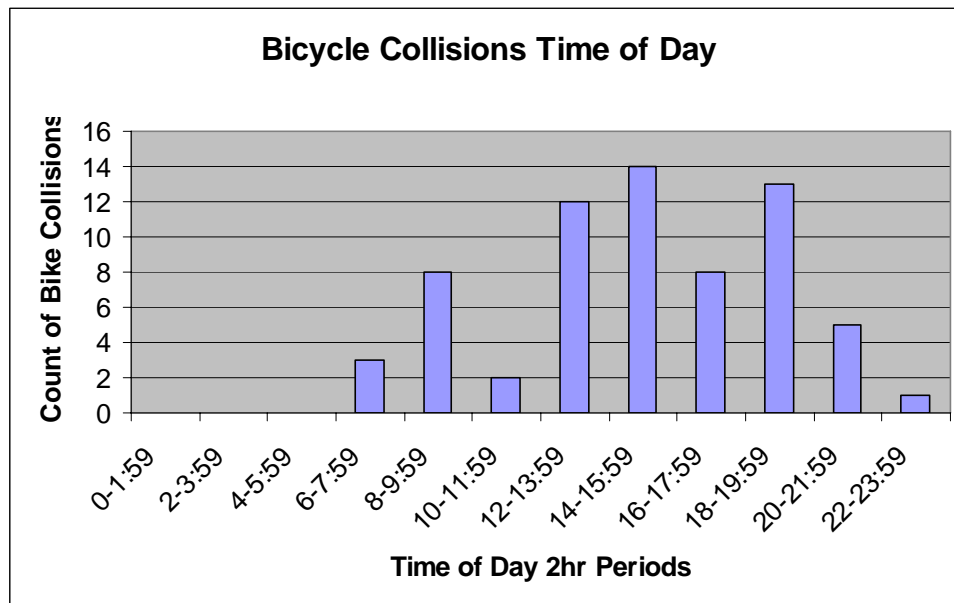


Figure 1.1³

¹ Data as of 12/3/07. 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 up to collision totals.

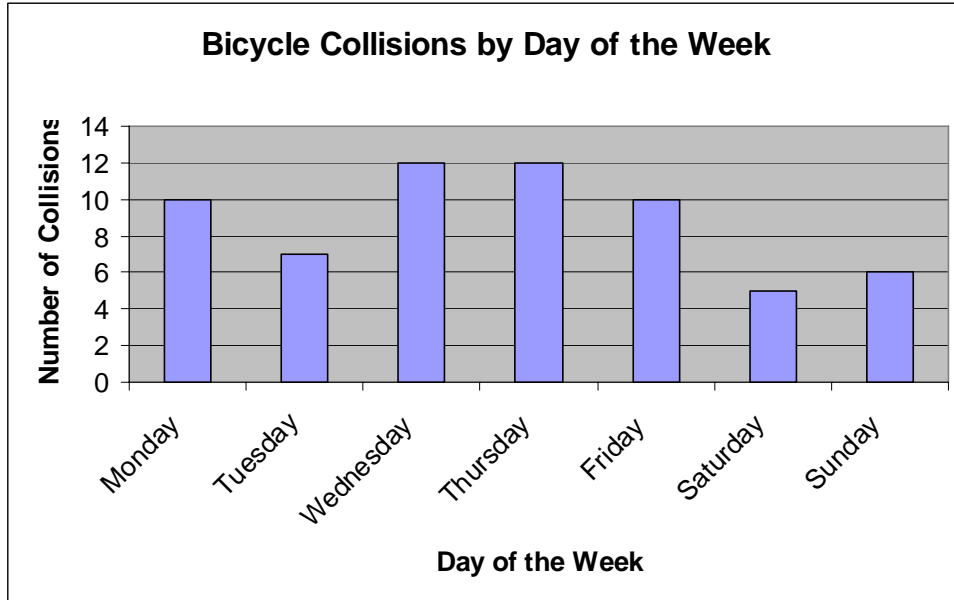


Figure 1.2

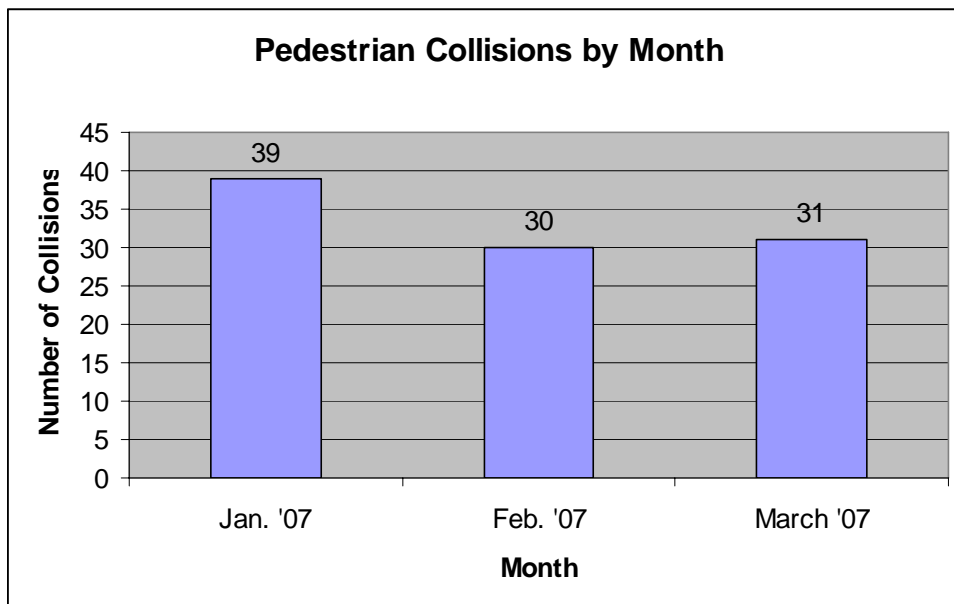


Figure 1.3

Collision Type Distribution

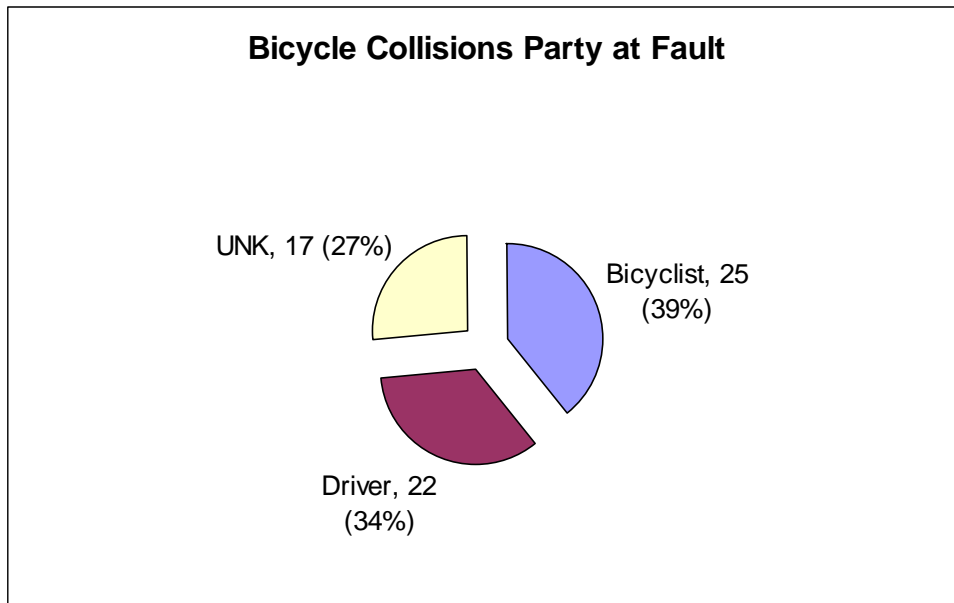


Figure 1.4 (see table 1.1)

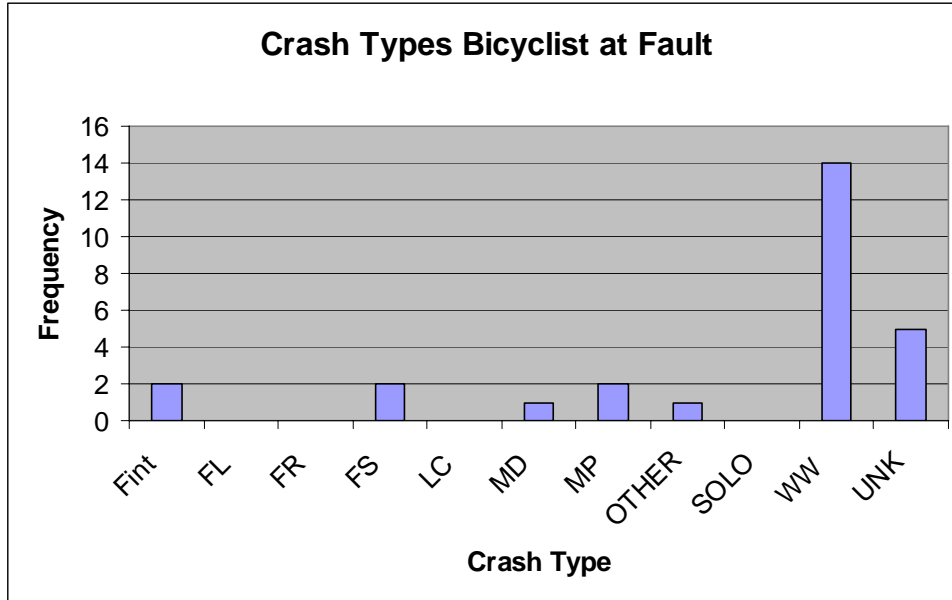


Figure 1.5

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.
- 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).

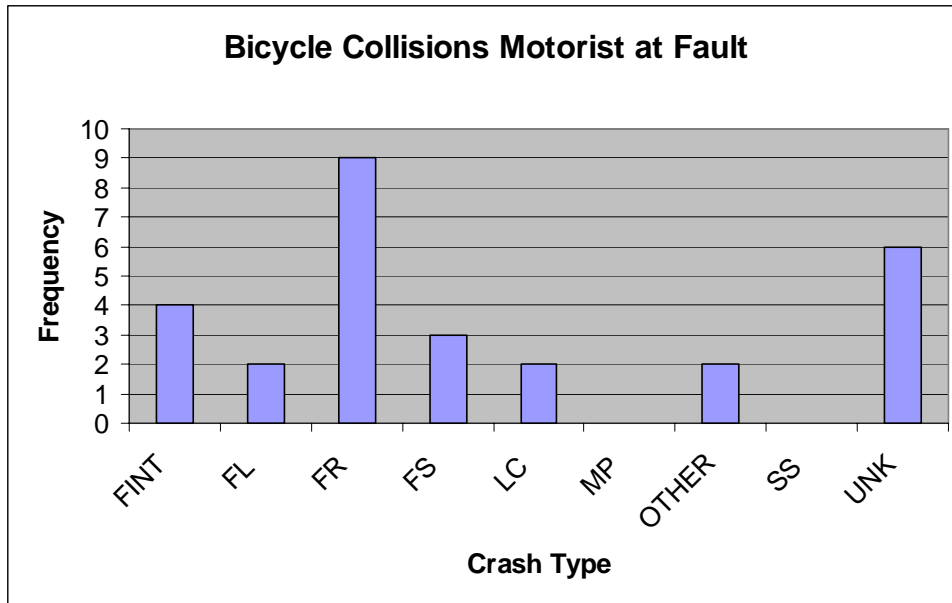


Figure 1.6

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 bicyclist.
- FR** *Failure to Yield, Right Turn* : Motorist making a right turn does not yield to bicyclist.
- FINT** *Failure to Yield in Intersection* : Motorist does not yield to a motorist in the intersection, not defined by FR or FL.
- LC** *Lane Change* : Motorist changes lane in an unsafe manner.
- SS** *Sideswipe*: Motorist drives too close to bicyclist and contact ensues.
- OTHER** *Other* : Collision type not defined by any of the types above (eg. Speeding, opened car door, rear end bicyclist).

Age Distribution

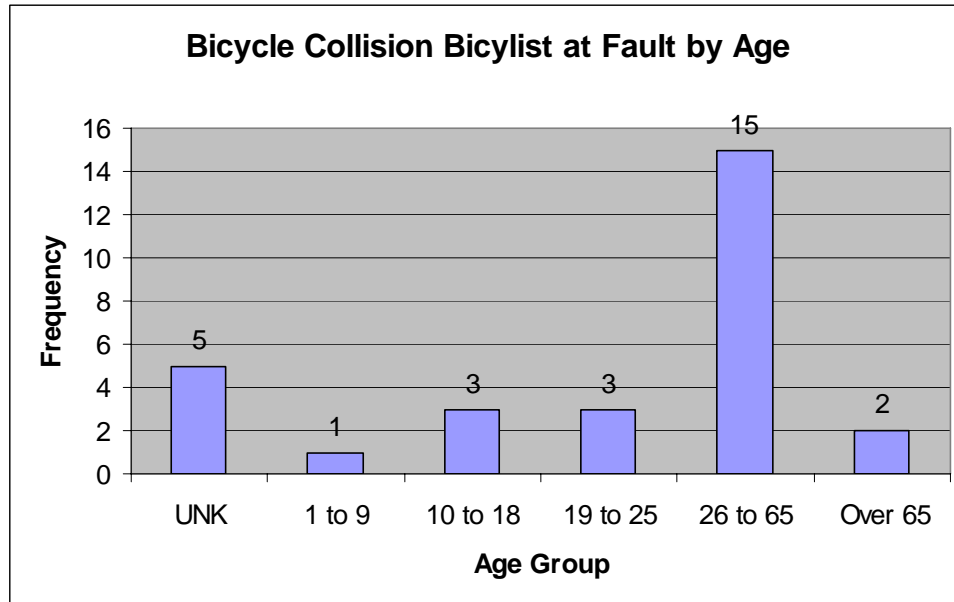


Figure 1.7

Bicycle Collisions and Minors

	Count	%
Bicycle Collisions	66	100%
Bicyclist at Fault	25	39%
Minor Involved ⁴	14	21%
Minor at fault	4	28%

Table 1.1

⁴ Includes minor bicyclist and motorist.

Lighting Conditions

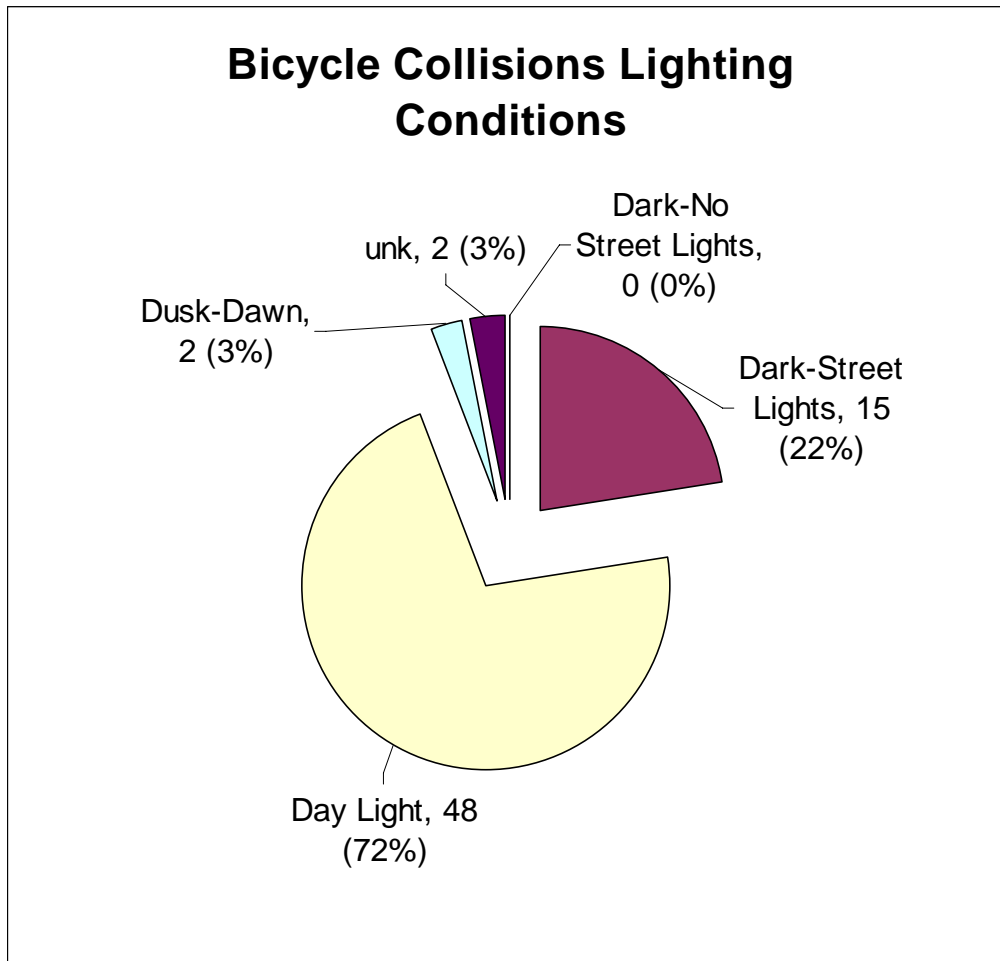


Figure 1.8

II. PEDESTRIAN COLLISION DATA

In the first quarter of 2007, there were:

- **100** pedestrian collisions⁵
- **20** Hit and Run Collisions

Temporal Distribution

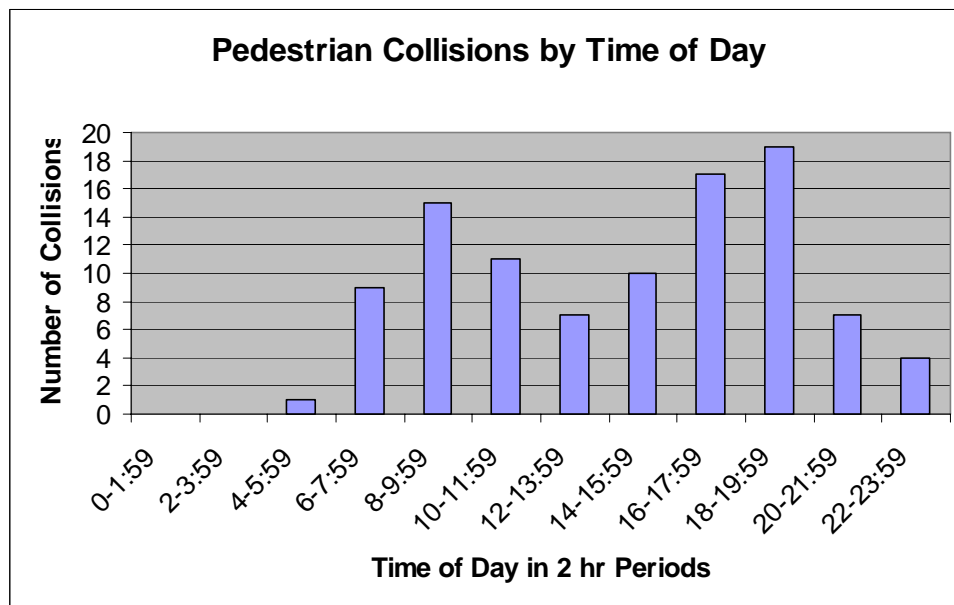


Figure 2.1

⁵ Some TCRs may not contain complete data in every field. Therefore, specific query totals may not match up to collision totals.
Data as of 12/3/07.

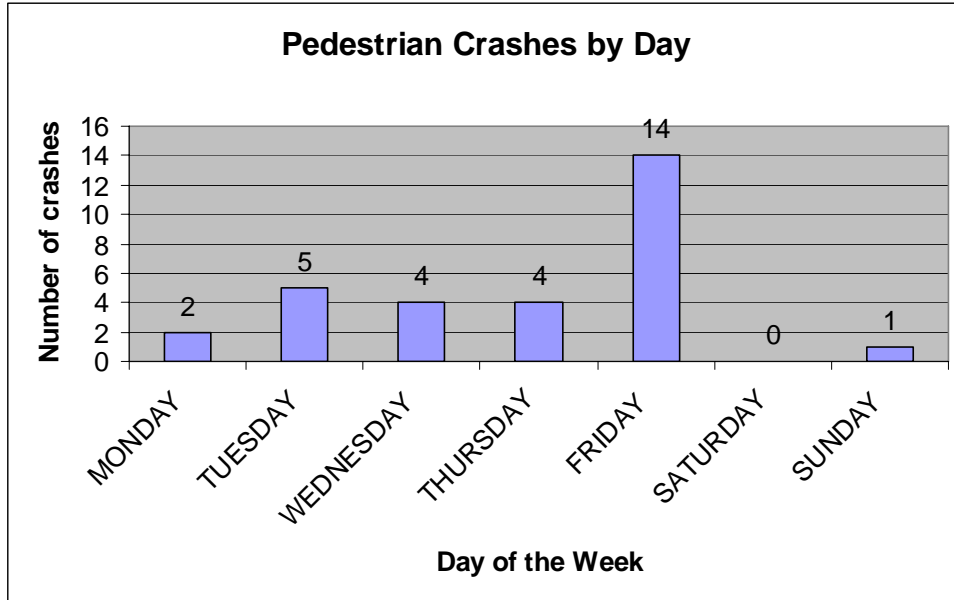


Figure 2.2

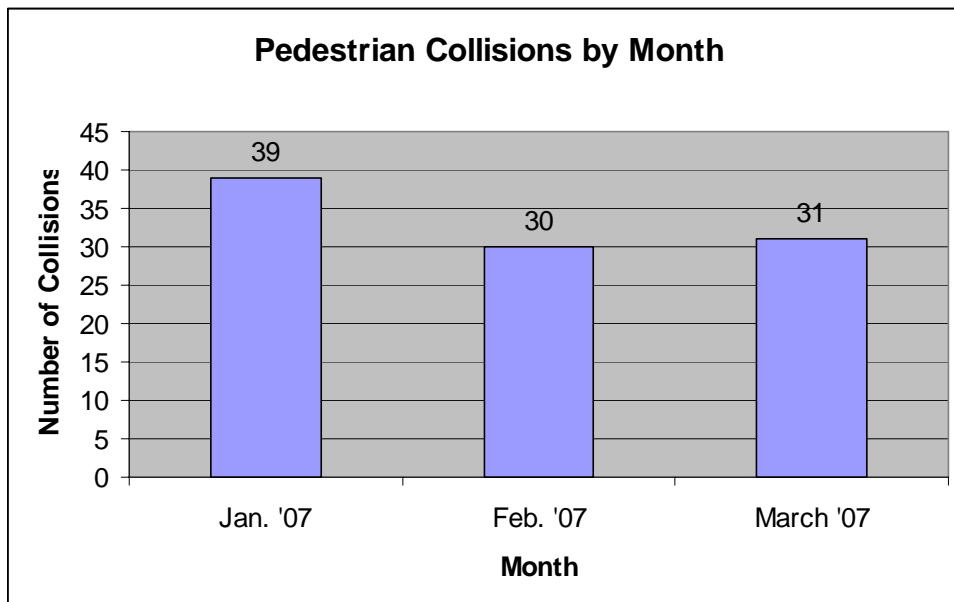


Figure 2.3

Collision Type Distribution

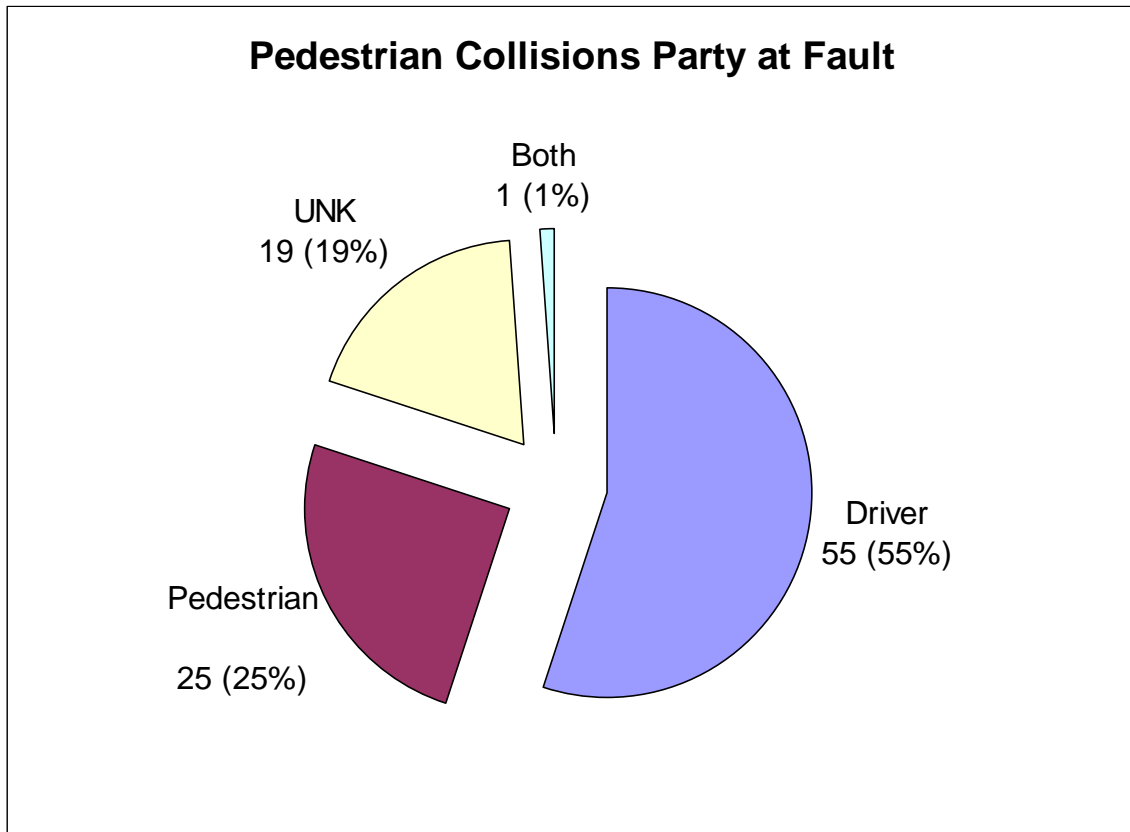


Figure 2.4

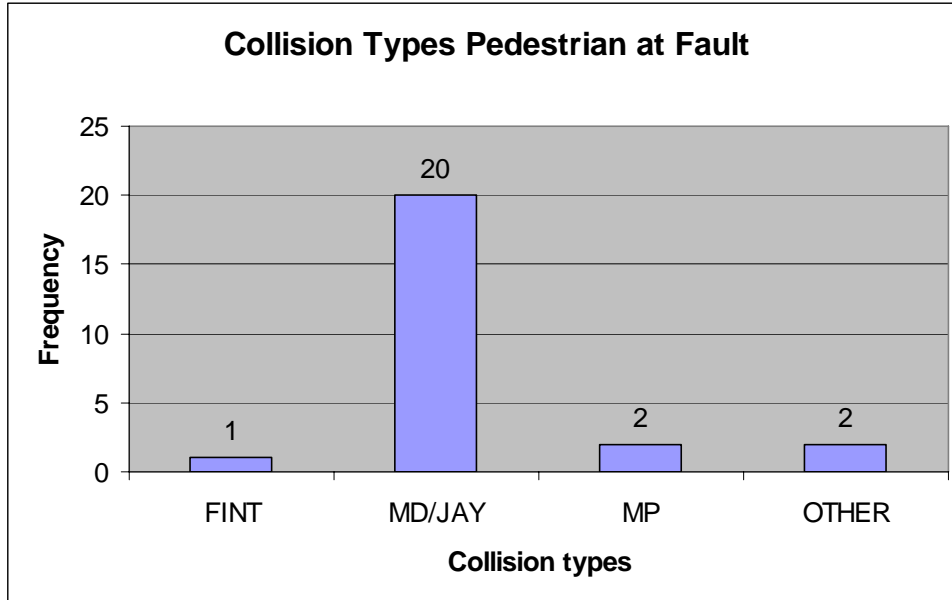


Figure 2.5

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.

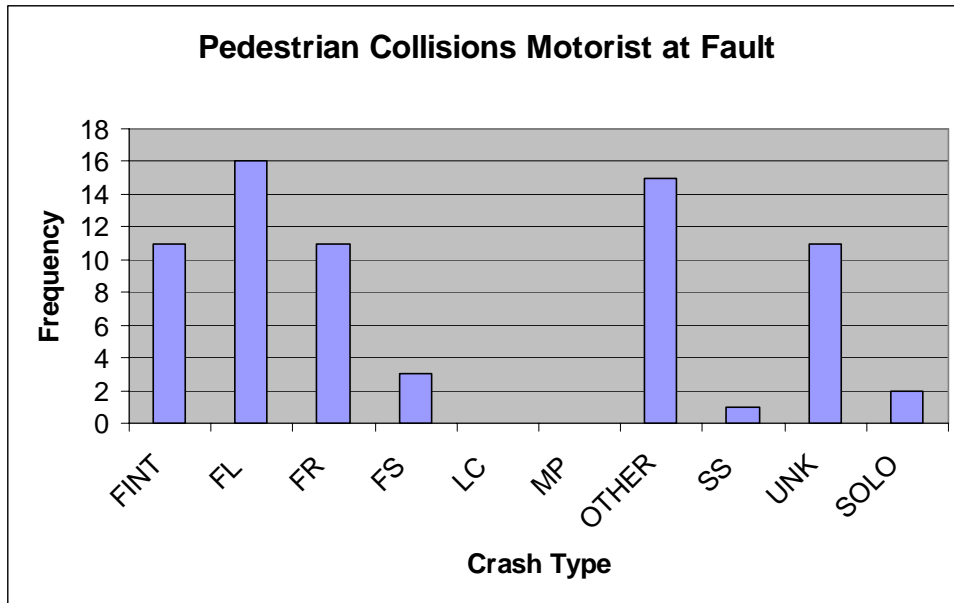


Figure 2.6

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.

Age Distribution

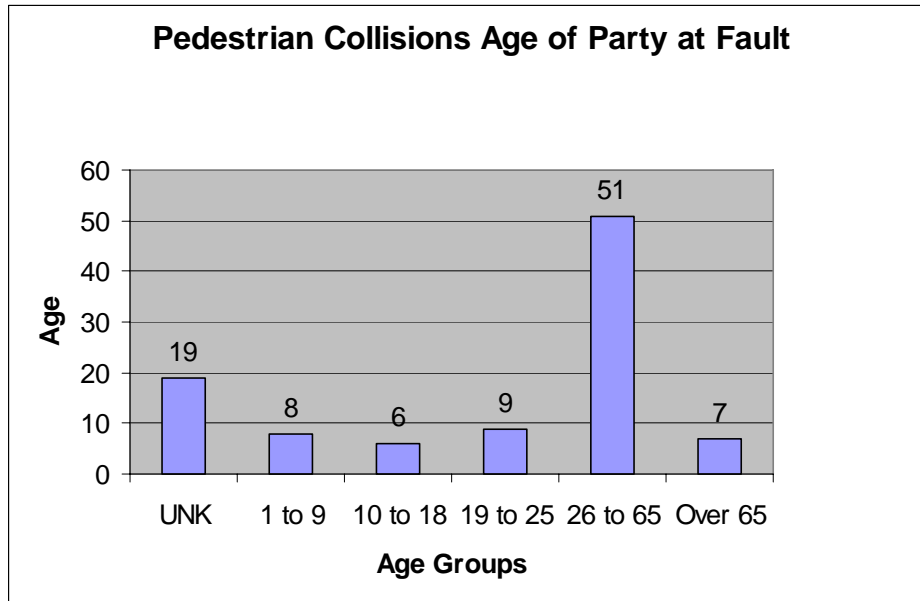


Figure 2.7

Pedestrian Collisions and Minors

	Count	%
Pedestrian Collisions	100	100%
Pedestrian at Fault	25	25%
Minor Involved⁶	33	33%
Minor At Fault	14	42%

Table 2.1

⁶ Includes minor pedestrians and motorist.

Lighting Conditions

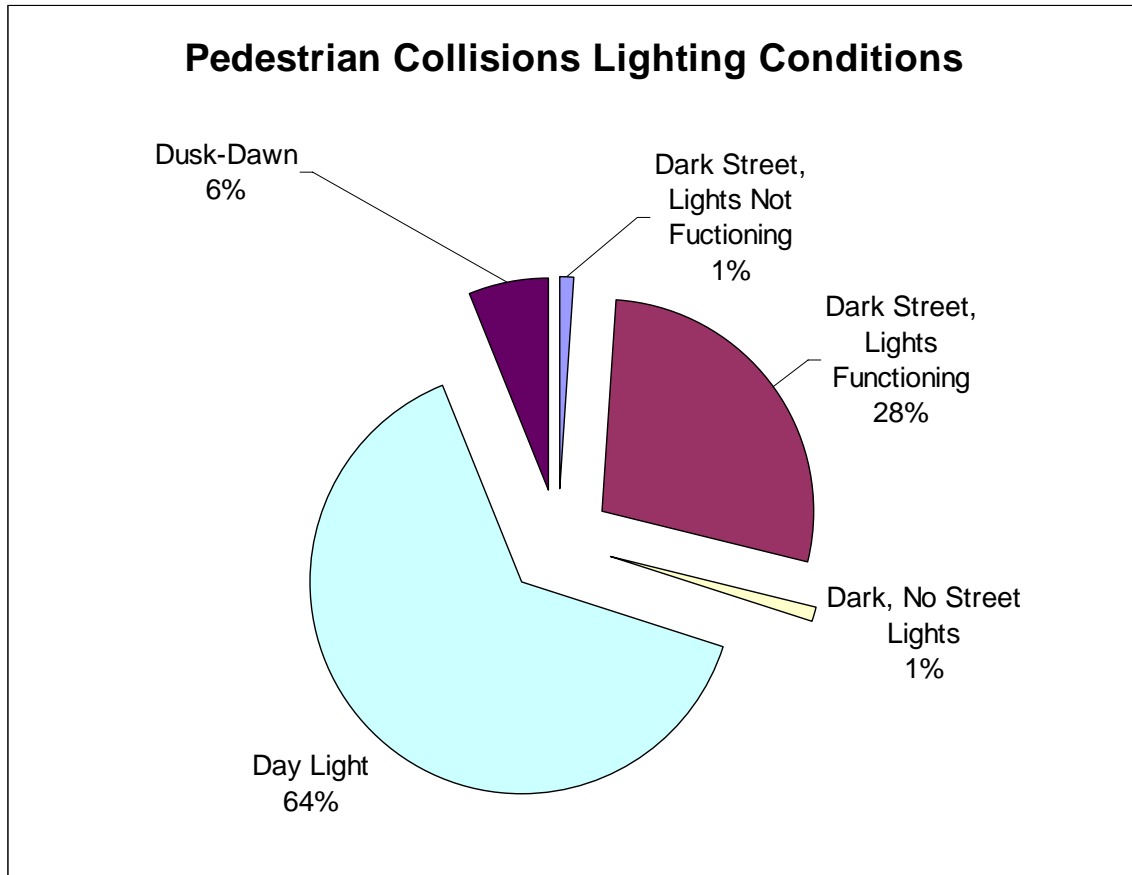


Figure 2.8

Pedestrian Fatality Analysis

In the first quarter of 2007, there were 6 pedestrian fatalities. Four occurred on city streets and two on county roads.

Pedestrian Fatal- Age and Lighting

DATE	AGE	LIGHTING
1/31/2007	25	Unk
2/2/2007	45	NIGHT
2/10/2007	51	NIGHT
3/6/2007	38	NIGHT
3/9/2007	84	NIGHT
3/10/2007	Unk	NIGHT

Table 2.2