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Bicyclist & Pedestrian Program

Collision Analysis 2007 2nd Quarter (Apr. – June)

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**City of San José, Bicyclist and Pedestrian Program
Collision Analysis
2007 Second 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 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 second quarter of 2007, there were:

- **91** bicyclist collisions¹
- **12** Hit and Run collisions²

Temporal Distribution

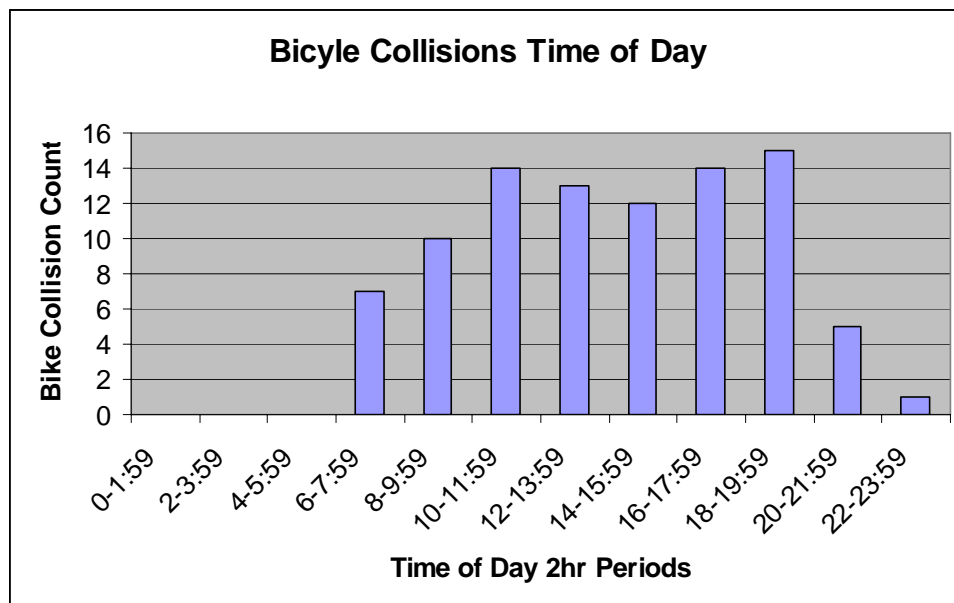


Figure 1.1³

¹ Data as of 7/1/07. 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 collision totals.

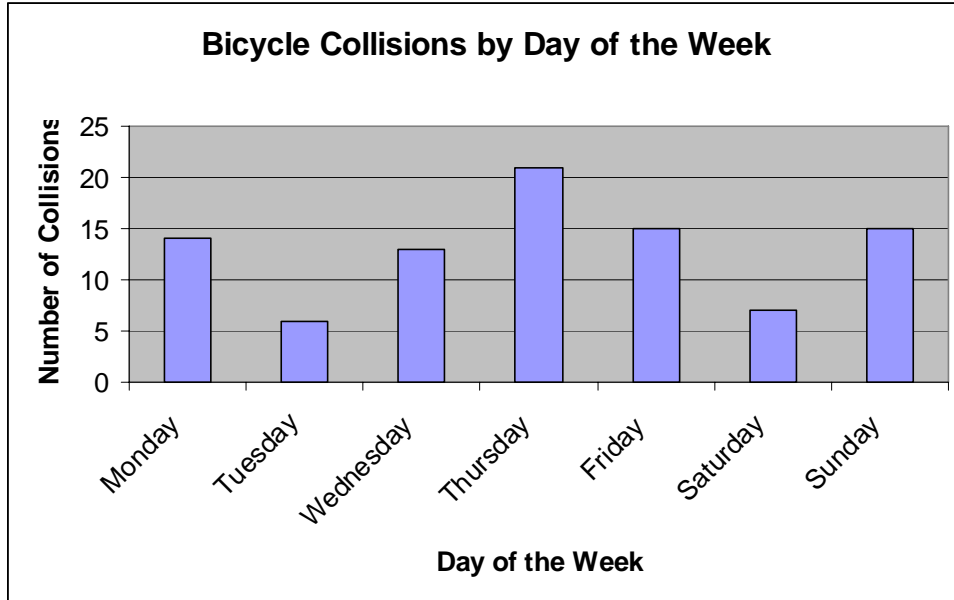


Figure 1.2

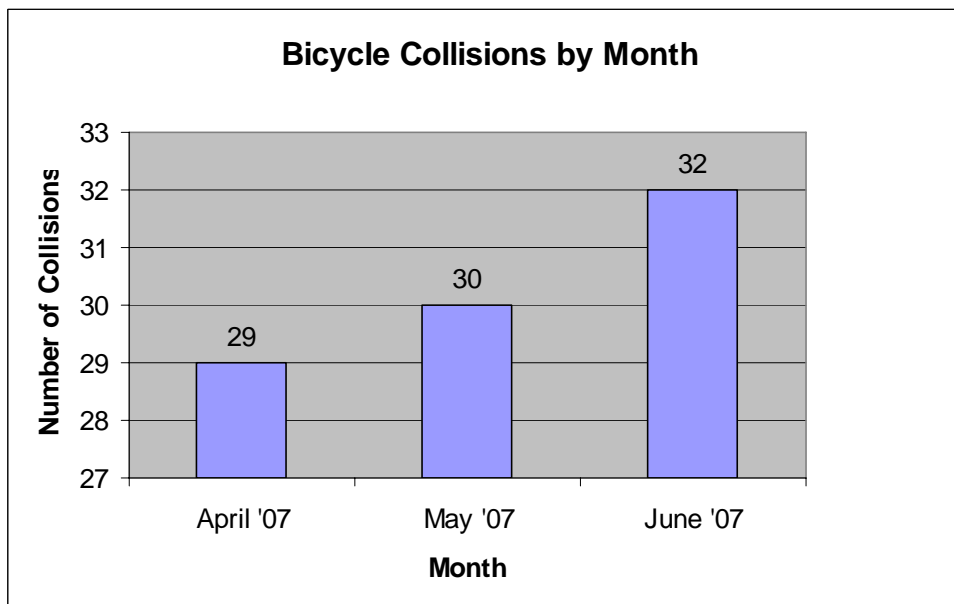


Figure 1.3

Collision Type Distribution

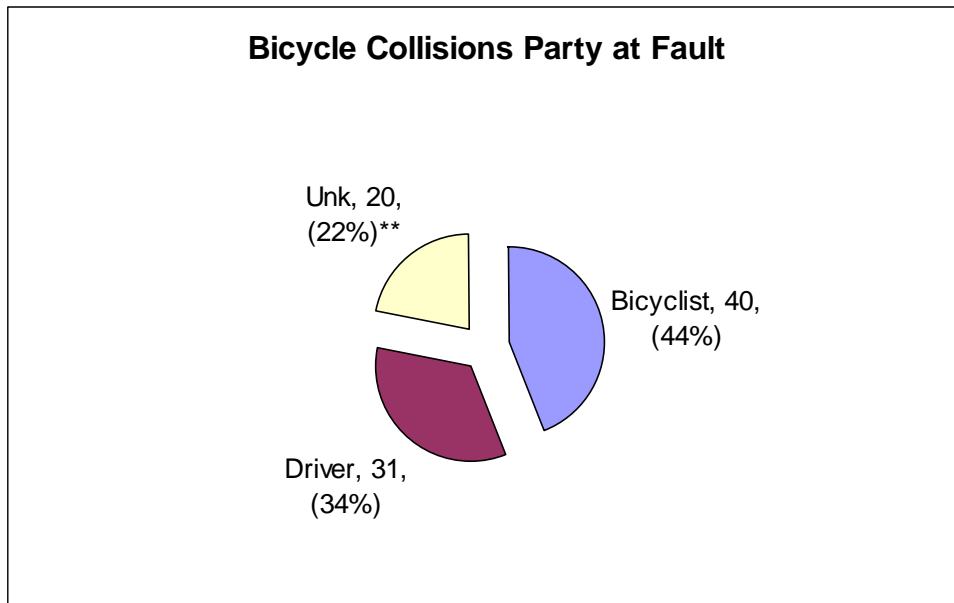


Figure 1.4 (see table 1.1)

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

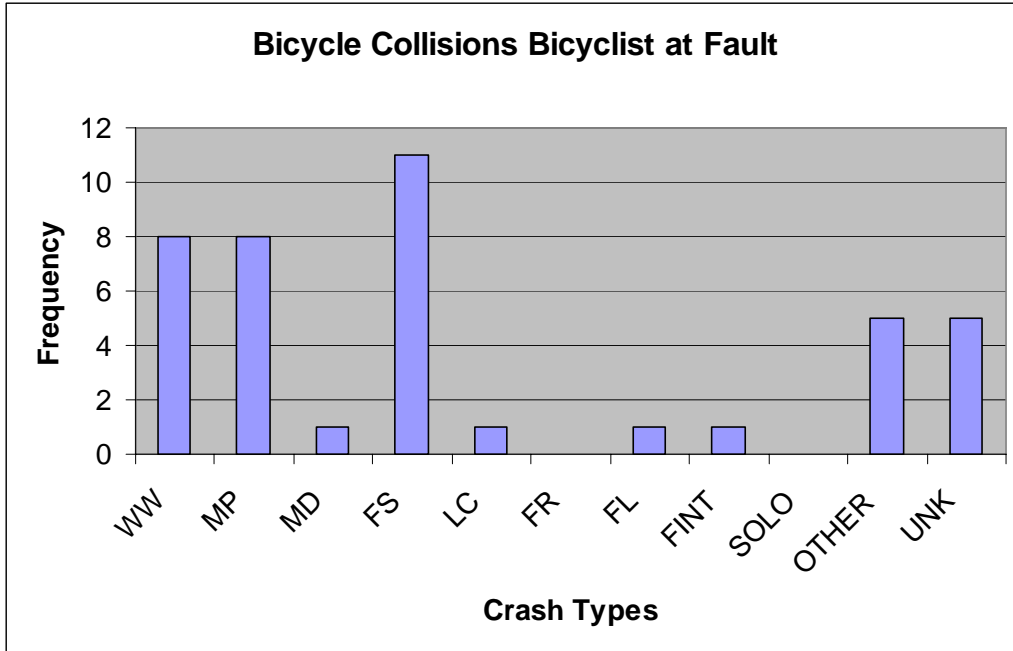


Figure 1.5

Collision Type Descriptions

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

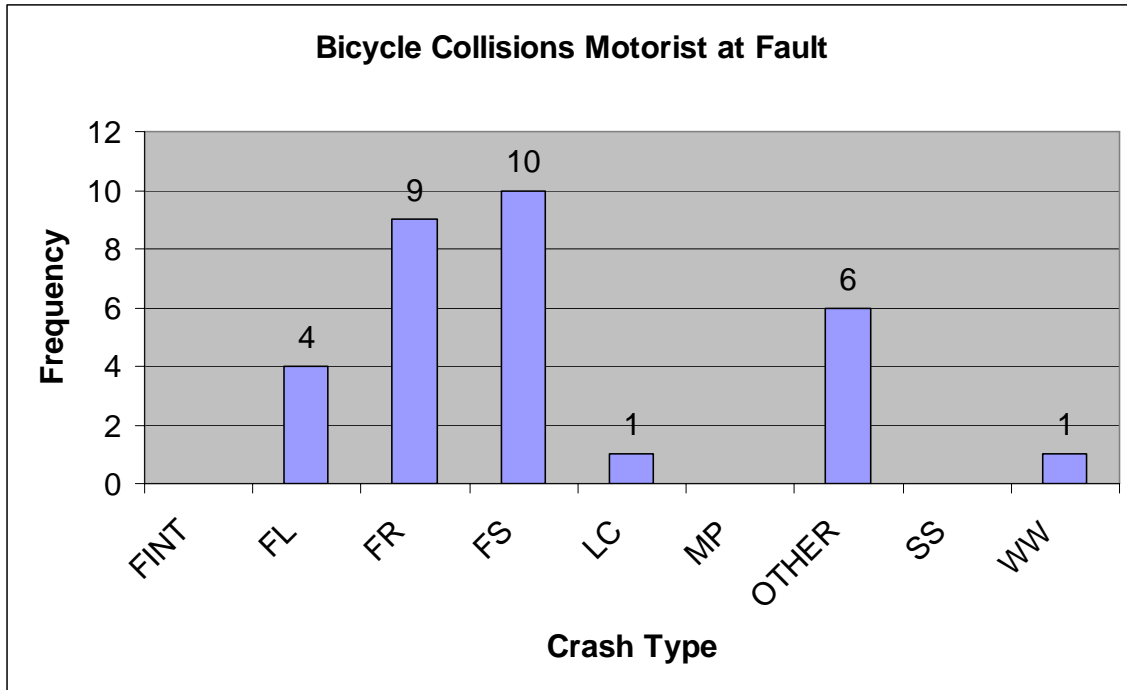


Figure 1.6

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).

Age Distribution

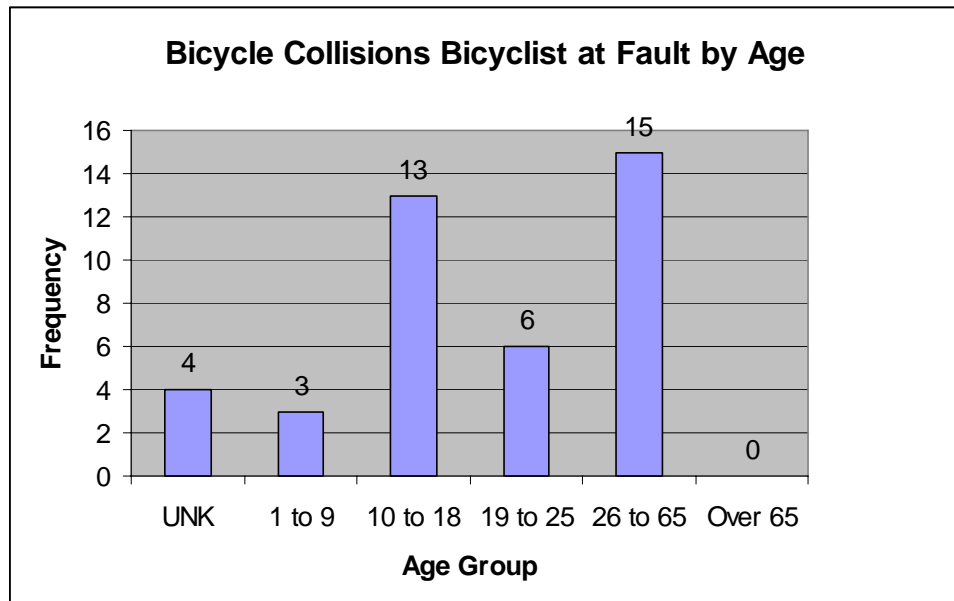


Figure 1.7

Bicycle Collisions and Minors

	Count	%
Bicycle Collisions	91	100%
Bicyclist at Fault	41	45%
Minor Involved ⁴	35	38%
Minor at fault	16	18%

Table 1.1

⁴ Includes minor bicyclist and/or motorist.

Lighting Conditions

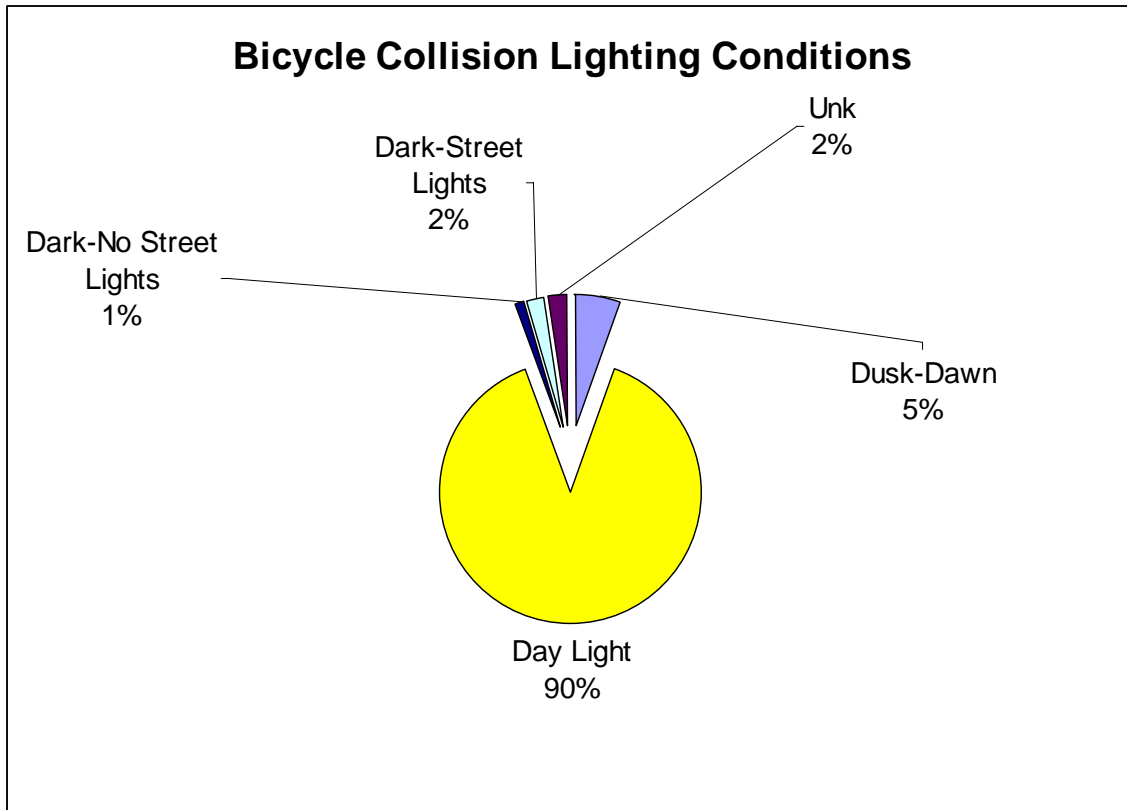


Figure 1.8

Bicycle Fatality Analysis

In the second quarter of 2007, there was one bicycle fatality. It occurred during daylight hours at the intersection of Branham Lane and Lyric Lane. The victim, an 8 year old male, was crossing Branham Lane from the north at Lyric when he was struck by the vehicle. The incident was still under investigation at the time the collision report was filed.

II. PEDESTRIAN COLLISION DATA

In the second quarter of 2007, there were:

- **102** pedestrian collisions⁵
- **12** Hit and Run Collisions

Temporal Distribution

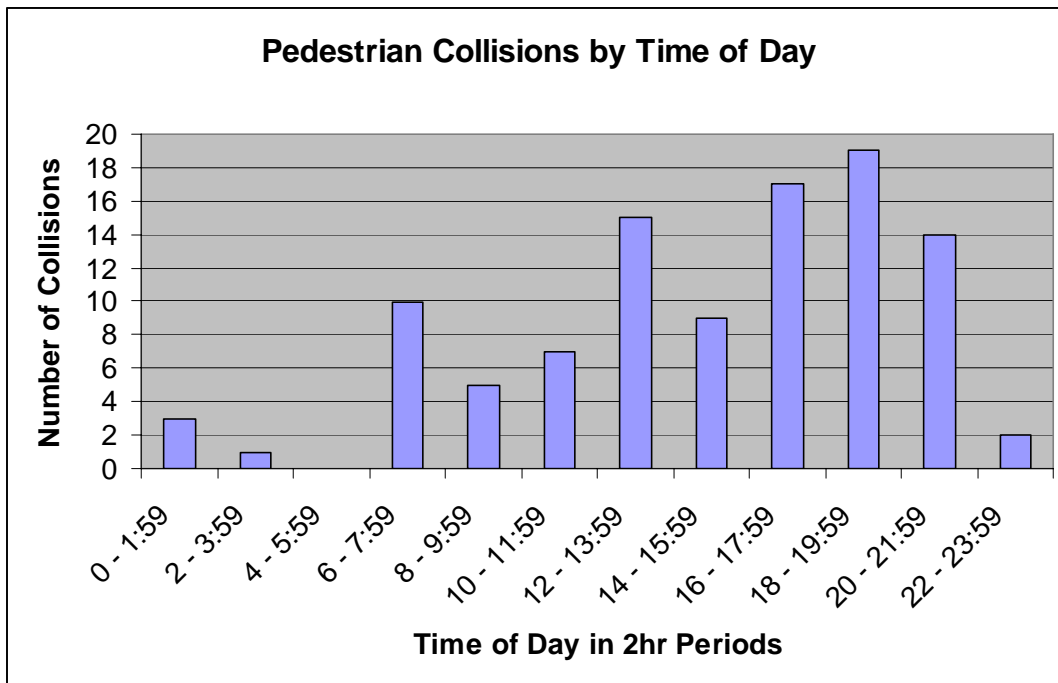


Figure 2.1

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 3/5/07.

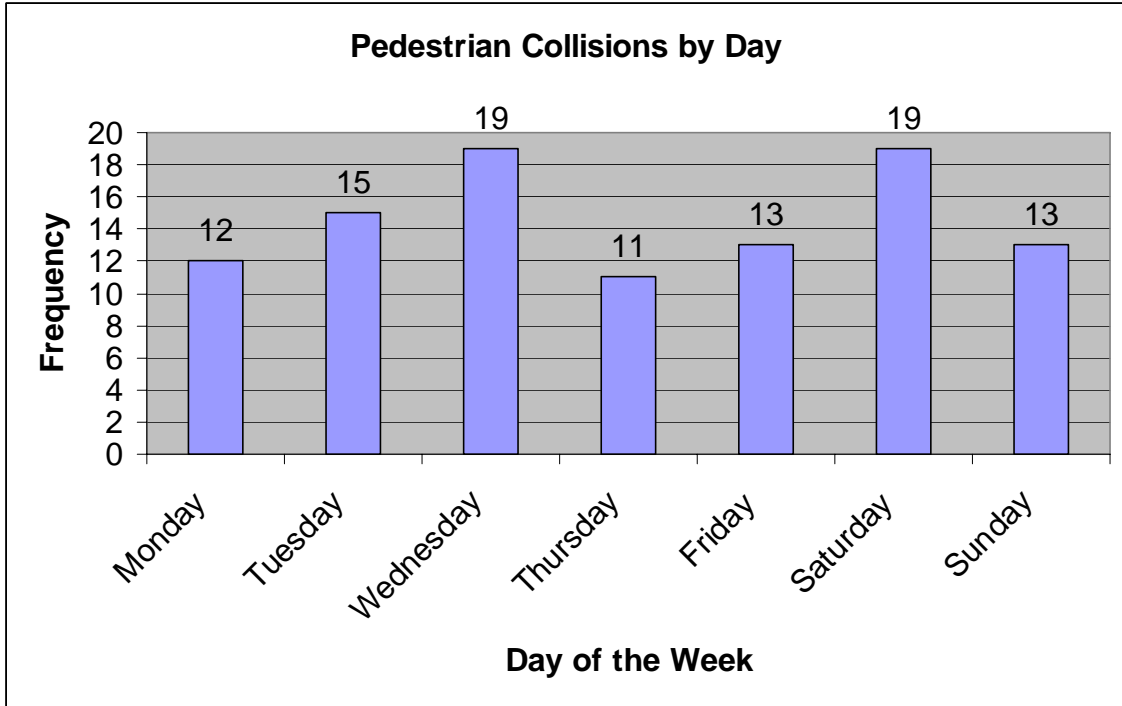


Figure 2.2

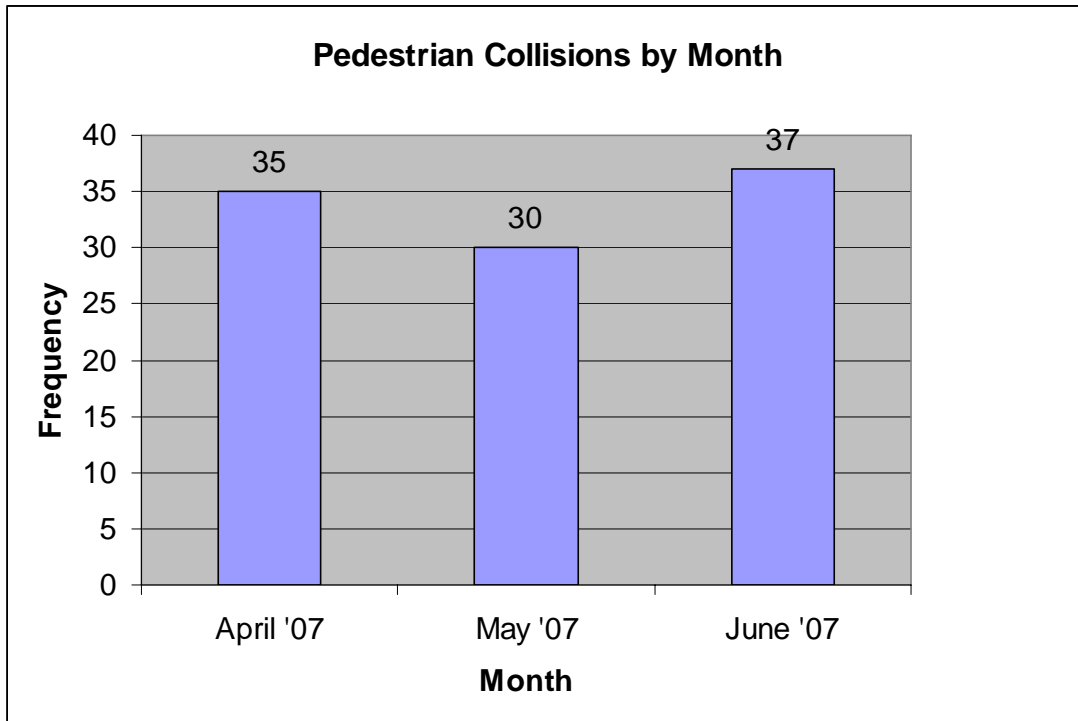


Figure 2.3

Collision Type Distribution

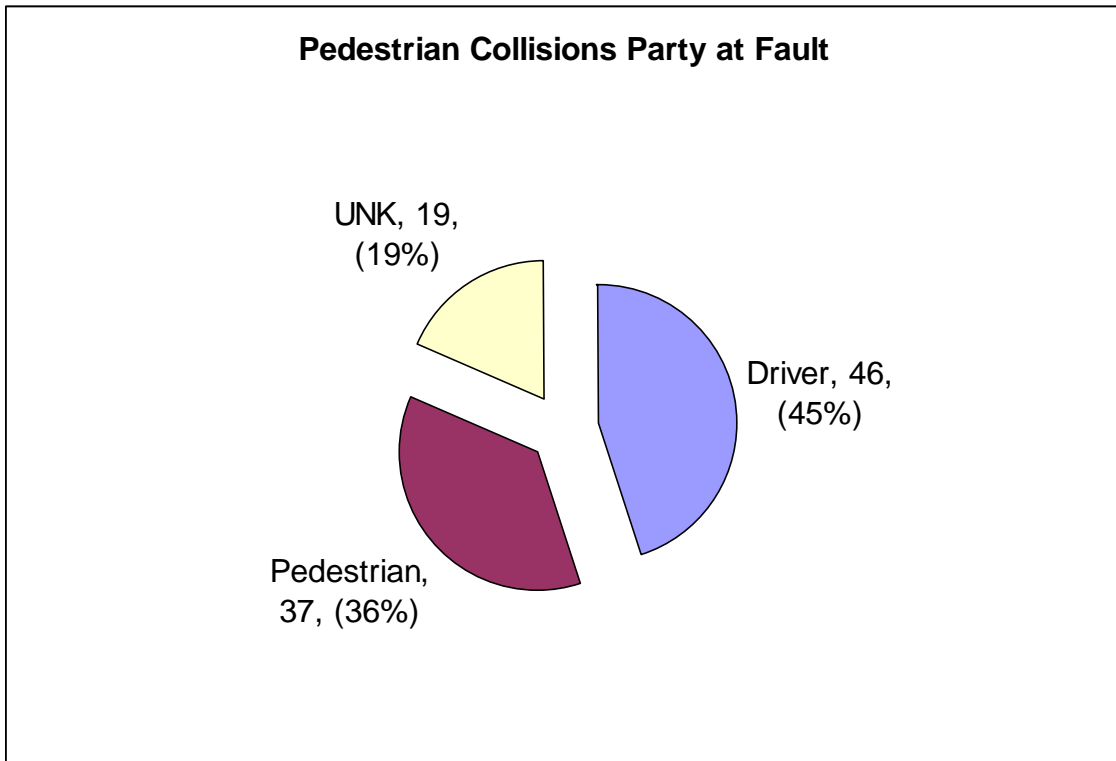


Figure 2.4

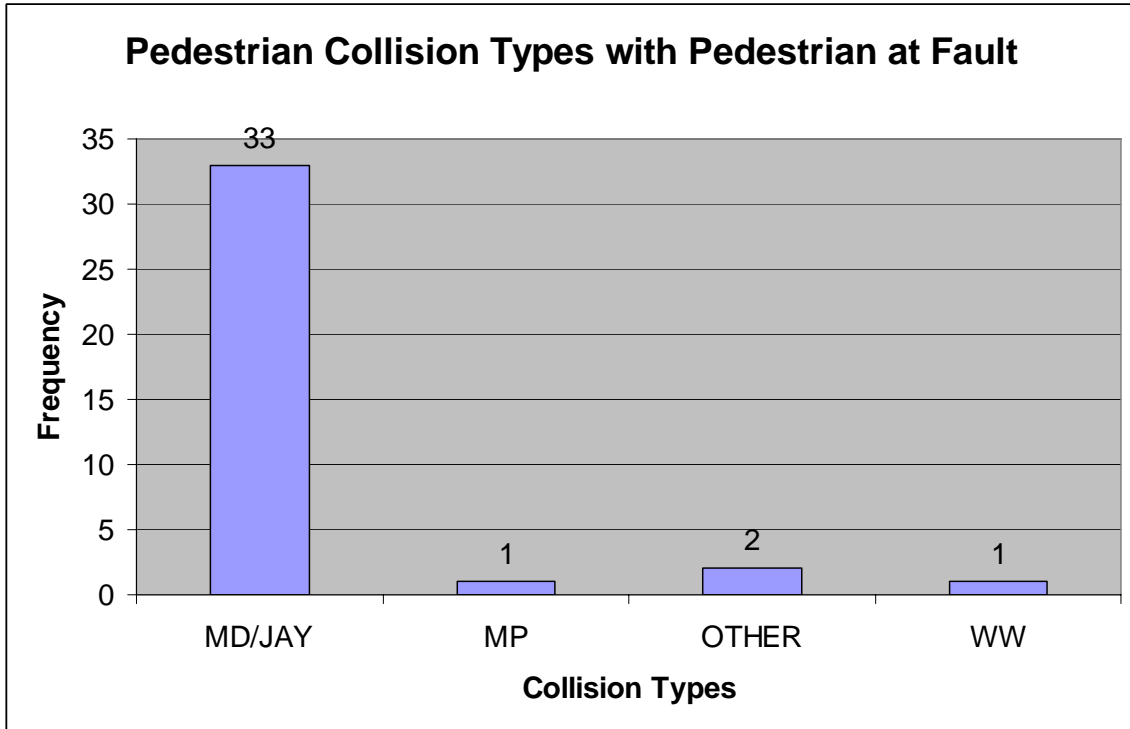


Figure 2.5

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.
- WW** *Wrong Way* : Bicyclist riding on wrong side of roadway.

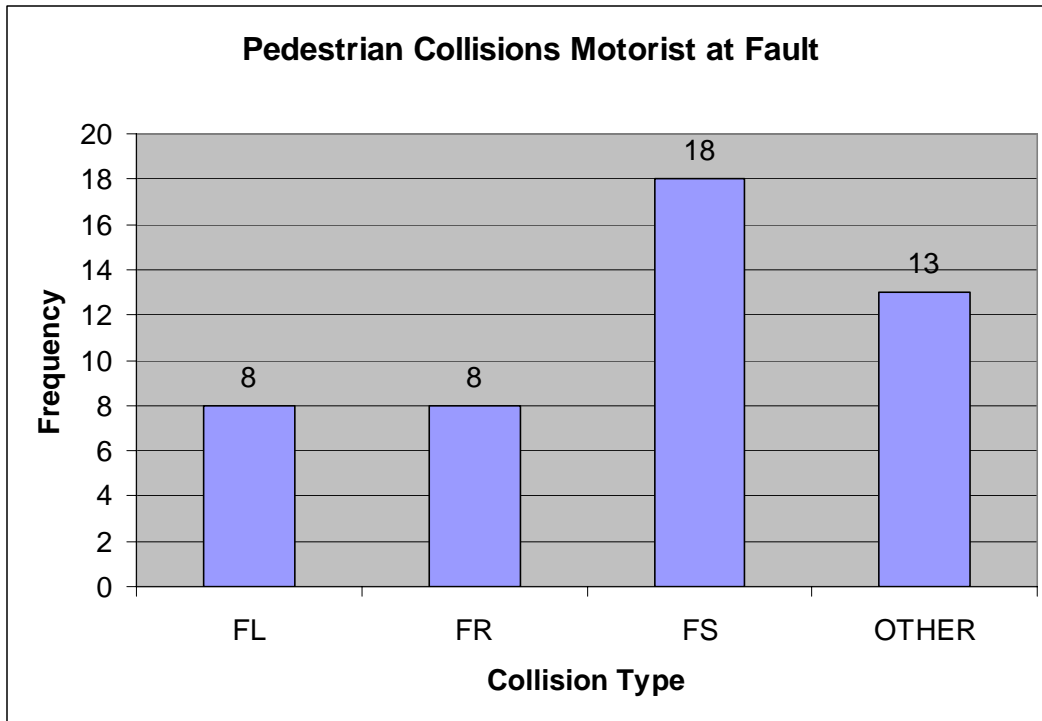


Figure 2.6

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.

Age Distribution

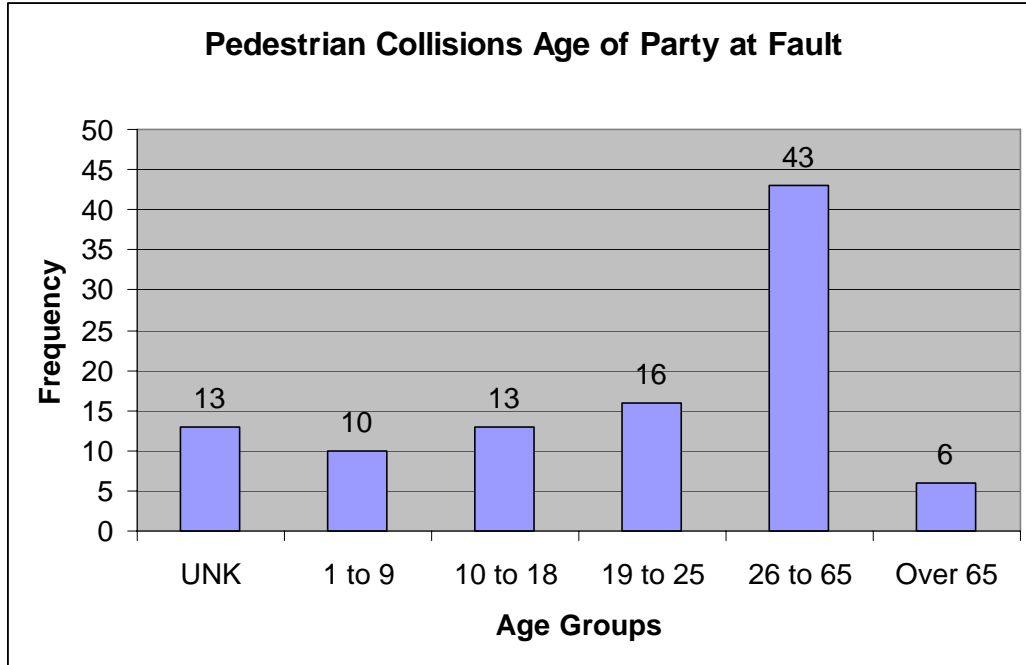


Figure 2.7

Pedestrian Collisions and Minors

	Count	%
Total Pedestrian Collisions	102	100%
Pedestrian Collisions with Pedestrian at Fault	37	36%
Minor Involved⁶	41	40%
Minor At Fault	23	23%

Table 2.1

⁶ Includes minor pedestrians and motorist.

Lighting Conditions

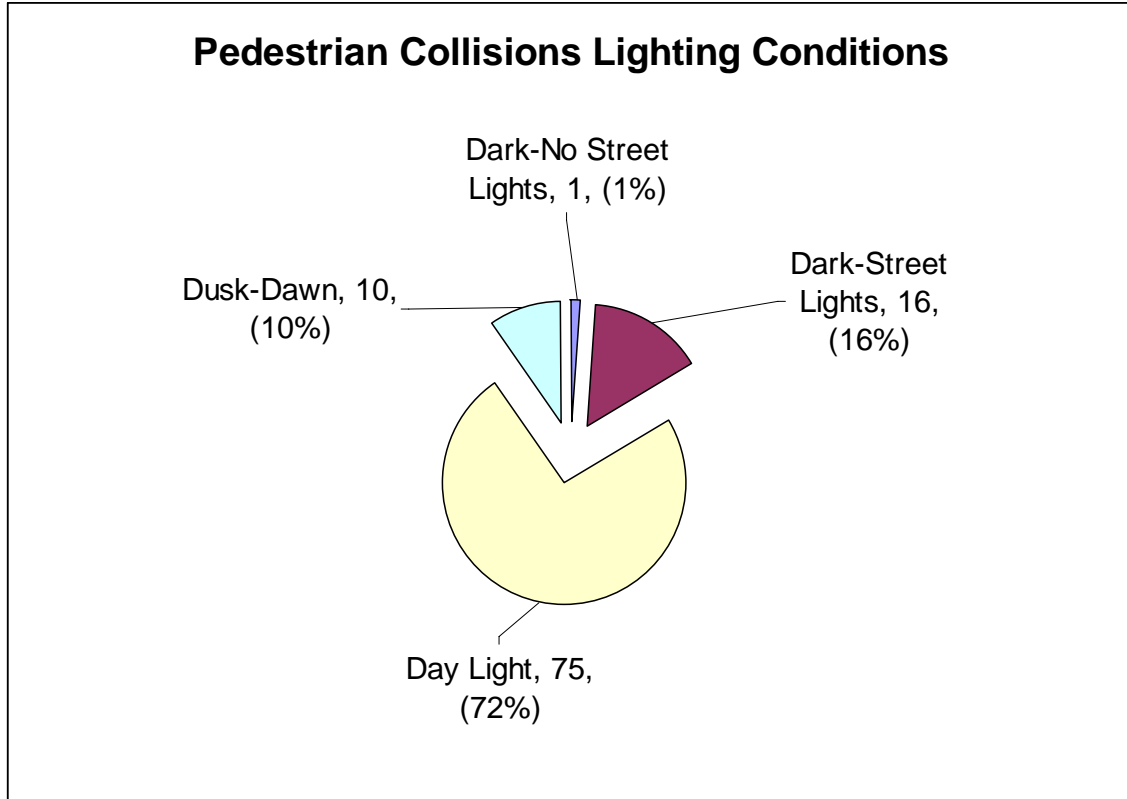


Figure 2.8

Pedestrian Fatality Analysis

In the second quarter of 2007, there were no pedestrian fatalities.