

HILLSBOROUGH COUNTY SHERIFF'S OPERATIONS CENTER



2016 HCSO Traffic Crash Analysis

The Motor Vehicle Crash Review Board (MVCRB) meets monthly to review all traffic crashes for the Sheriff's Office to determine crash findings of Avoidable, Unavoidable, Excusable, and Non-crash. The MVCRB voting members include the Colonel of the Department of Operational Support, Sergeant of the Professional Standards Section, and the Sergeant of the Traffic Homicide Section. The non-voting member is the Chief Legal Counsel.

In 2016, Sheriff's Office personnel were involved in 377 traffic crashes, down 6% from 2015 (400 crashes). Avoidable crashes decreased 7% (137) in 2016 compared to 2015 (173). Increases are highlighted in yellow. Decreases are in red.

Below are the MVCRB findings from 2013-2016.

MVCRB Findings	2013	2014	2015	2016
Avoidable	140 (43%)	142 (42%)	173 (43%)	137 (36%)
Unavoidable	159 (49%)	182 (54%)	208 (52%)	222 (59%)
Excusable	7 (2%)	7 (2%)	12 (3%)	16 (4%)
Non-Crash	16 (5%)	5 (1%)	7 (2%)	2 (1%)
Total Crashes	322	336	400	377

In 2016, 59% of the *avoidable* crashes by Sheriff's Office personnel occurred during rear-end collisions (25%) or while backing/reversing (34%). Backing/reversing crashes increased 6% in 2016 from 2015. Below is a breakdown of avoidable crash types for 2015 and 2016.

Also in 2016, HCSO employees were injured in 37 of the 377 crashes, same as in 2015, but out of 400 crashes. See below. 2016 increases are highlighted in **yellow** and decreases are in **red**.

Type of Avoidable Crash	2015	2016
Vehicle vs. Vehicle	38 (22%)	27 (20%)
HCSO rear ended vehicle	45 (26%)	34 (25%)
Backing / Reversing (into vehicle or object)	54 (31%)	46 (34%)
Struck a Fixed Object	34 (20%)	29 (21%)
HCSO vs. Pedestrian or Bicyclist	2 (1%)	1 (1%)
Avoidable Crashes	173	137
<i>HCSO vs. HCSO</i>	<i>10 (6%)</i>	<i>12 (9%)</i>

Injured During Crash	2015	2016
Employee	37	37
Non-Employee	31	36
Number of Crashes	400	377

In 2016, the 377 crashes involved a total of 389 Sheriff's Office employees. The involved were 53 civilian employees, six (6) detention deputies, and 330 law enforcement deputies. In some instances, a single traffic crash involved multiple employees.

Over the last four (4) years, length of service for involved personnel shows, on average, employees with service of five (5) years or less had the most involvement in crash investigations, while those employees with service of 26 years or more had the least involvement.

Below is a breakdown of those employees involved in crashes from 2013-2016, their years of service and the four (4) year average. Most crashes per year are in yellow. Least crashes per year are in blue.

Years of Service	2013	2014	2015	2016	AVERAGE
5 years or less	129 (39%)	132 (38%)	147 (36%)	158 (41%)	142 (39%)
6 – 10 years	73 (22%)	67 (19%)	76 (19%)	74 (19%)	73 (20%)
11 – 15 years	44 (13%)	50 (14%)	59 (15%)	63 (16%)	54 (15%)
16 – 20 years	39 (12%)	49 (14%)	52 (13%)	28 (7%)	42 (11%)
21 – 25 years	28 (9%)	26 (7%)	48 (12%)	34 (9%)	34 (9%)
26 years or more	16 (5%)	25 (7%)	24 (6%)	32 (8%)	24 (7%)
Personnel Involved	329	349	406	389	368



Below is a breakdown of the District/Division for the involved employees of ALL motor vehicle crashes from 2013-2016 and the four (4) year average. Most crashes per year are in yellow. Second most crashes per year are in orange.

Motor Vehicle Crashes by District /Division	2013	2014	2015	2016	AVERAGE
District I	53 (16%)	50 (15%)	67 (17%)	74 (20%)	61 (17%)
District II	40 (12%)	71 (21%)	55 (14%)	84 (22%)	63 (18%)
District III	49 (15%)	47 (14%)	54 (14%)	51 (14%)	50 (14%)
District IV	40 (12%)	28 (8%)	45 (11%)	37 (10%)	38 (11%)
Child Protection	38 (12%)	30 (9%)	44 (11%)	29 (8%)	35 (10%)
Jail Division 1,2,3	7 (2%)	13 (4%)	7 (2%)	7 (2%)	9 (3%)
Criminal Investigations	25 (8%)	23 (7%)	20 (5%)	17 (5%)	21 (6%)
Special Investigations	7 (2%)	16 (5%)	25 (6%)	9 (2%)	14 (4%)
Community Outreach	16 (5%)	13 (4%)	11 (3%)	18 (5%)	15 (4%)
Court Operations	9 (3%)	5 (1%)	17 (4%)	11 (3%)	11 (3%)
Homeland Security	15 (5%)	18 (5%)	25 (6%)	19 (5%)	19 (5%)
All other *	23 (7%)	22 (7%)	30 (8%)	21 (6%)	24 (7%)
Total Crashes	322	336	400	377	359

*All other includes: Risk management, Legal, HR, Information Services, PIO, and Facilities.



In 2016, there were 143 administrative investigations conducted related to traffic crashes.

Below is a breakdown of disciplinary actions taken from the investigations conducted.

Disciplinary Action Taken	2016
Letter of Counseling	109
Letter of Reprimand	27
Suspension*	5
Resignation	2
Loss of Take Home Vehicle Privileges	130
Administrative Investigations	143

NOTE: The difference in number for 2016 avoidable crashes (137) versus 2016 administrative cases (143) was due to six (6) administrative cases being conducted in 2016 for avoidable crashes that occurred in 2015.

* Average suspension per employee was 3 days.