

**HAMILTON COUNTY SHERIFF'S
OFFICE
TRAFFIC ANALYSIS
FOR THE YEAR 2010**



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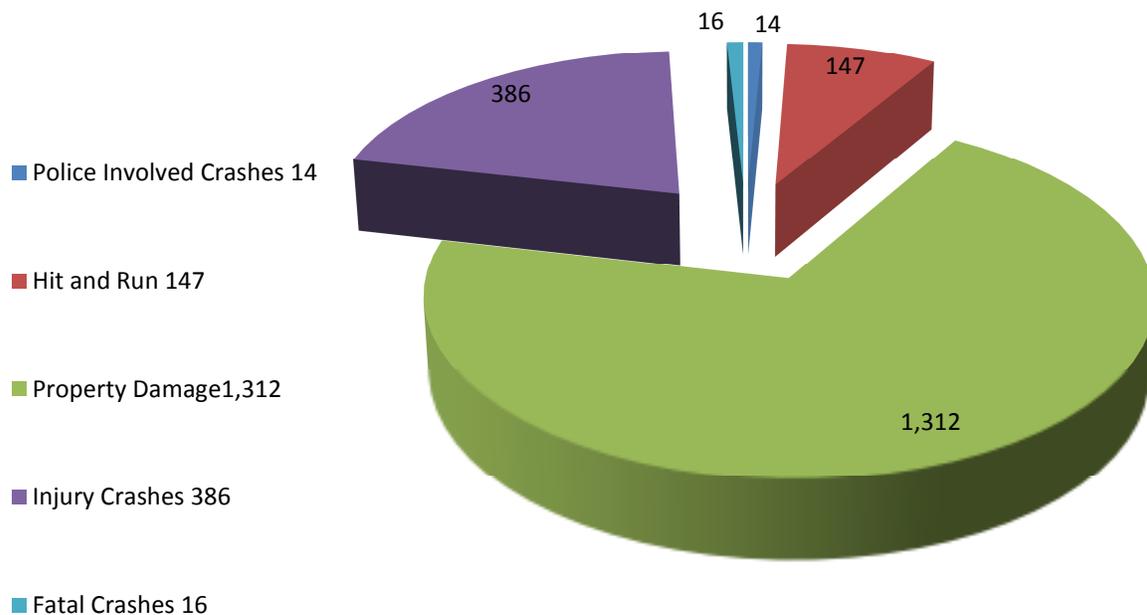
HAMILTON COUNTY SHERIFF'S OFFICE

VEHICLE CRASH ANALYSIS

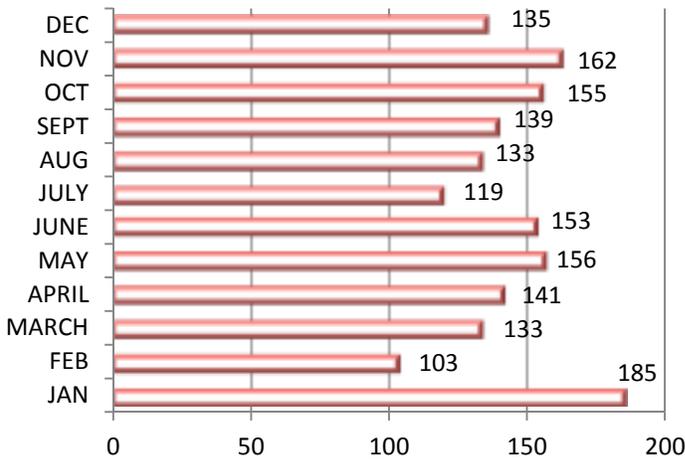
2010

In 2010 the sheriff's office responded to and conducted investigations in 1,714 vehicle crash cases. The chart below displays the breakdown as to type of crash investigation.

**Breakdown of 2010 Crashes
By Type**

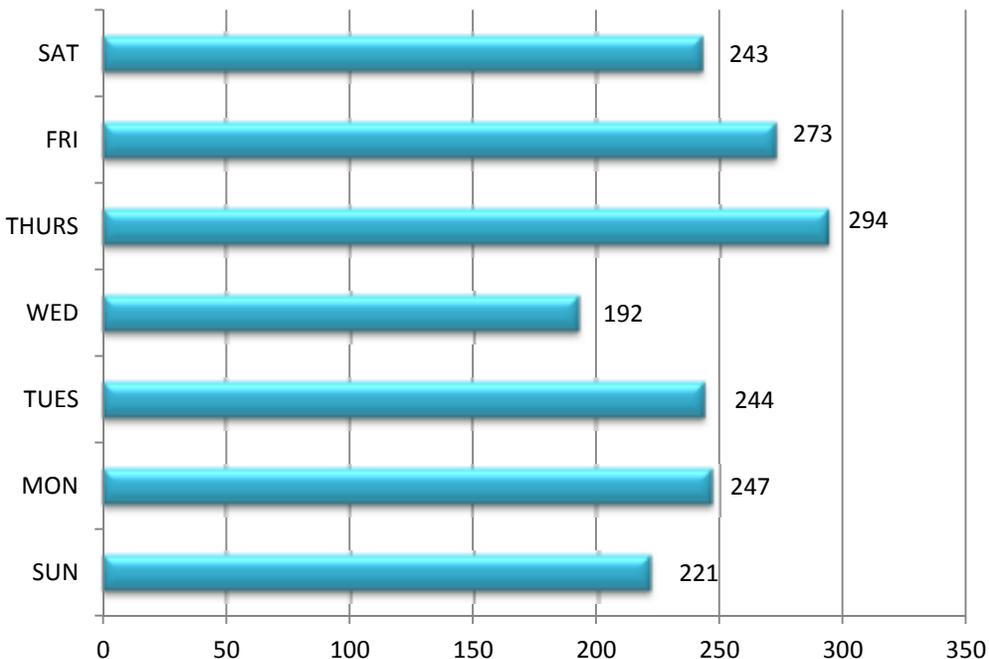


TOTAL 2010 CRASHES BY MONTH



TOTALS FOR JANUARY 2010 REFLECT A SNOW AND ICE DAY, WITH 73 CRASHES OCCURRING IN THAT ONE DAY. TAKING THAT DATA INTO CONSIDERATION NOVEMBER IS OUR BUSIEST MONTH FOR CRASHES.

TOTAL 2010 CRASHES BY DAY OF WEEK



For 2010, a statistical analysis of the number of crashes by Day of Week, show that Thursdays have the most Crashes reported. When reviewed, the percentages of crashes are fairly evenly distributed throughout the week, with Wednesday having the least amount of crashes.

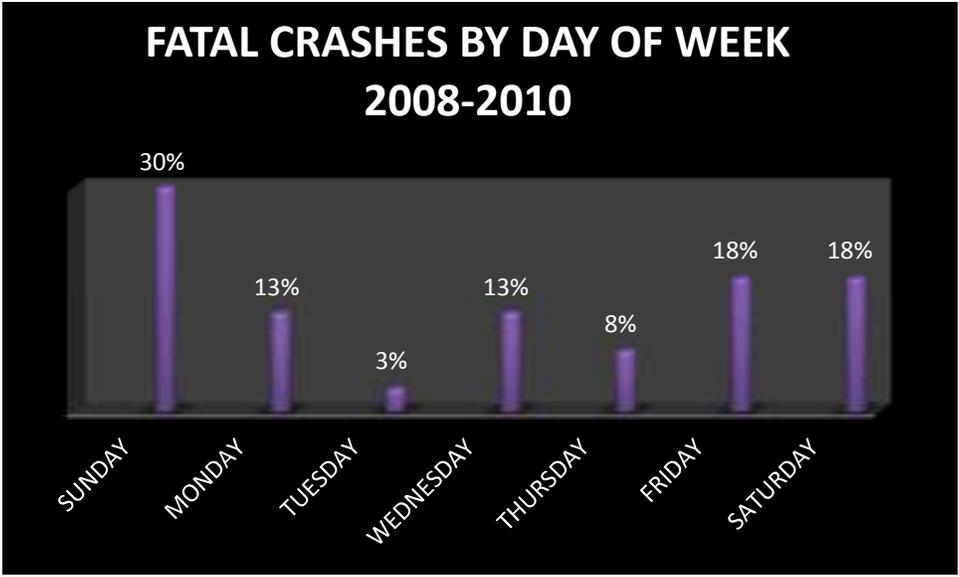
FATAL CRASH ANALYSIS 2008 – 2010

The following Analysis concerns fatal crashes, as they occurred of the Calendar Years of 2008, 2009 and 2010. All analysis is statistic related without the benefit of Intelligence input. As such, there are no conclusions given, merely a presentation of the statistics and facts. The only conclusion that was derived concerning Fatal Crashes, was the fact that in the year 2008, the Hamilton County Sheriff's Officer received a large Grant for combating Impaired Drivers. Deputies worked almost every weekend removing impaired drivers from the road, and the Fatal Traffic Crashes for that year (2008) were 50 percent of what occurred in 2009 and 2010.

ANALYSIS OF FATAL CRASHES BY MONTH SHOWS THAT FEBRUARY AND MAY ARE THE MONTHS WITH THE MOST FATAL CRASHES AND SEPTEMBER IS THE MONTH WITH THE LEAST AMOUNT OF FATAL CRASHES.



40 TOTAL FATAL CRASHES OCCURRED DURING THIS 3 YEAR PERIOD.



SUNDAY WAS THE DAY WHEN MOST FATAL CRASHES OCCURRED.

LIST OF FATAL CRASHES 2008 - 2010

<u>DATE</u>	<u>TIME</u>	<u>DAY</u>	<u>ADDRESS</u>	<u>DISTRICT</u>	<u>DUI</u>
1/7/2010	16:47	THURS	9200 DALLAS HOLLOW RD	W 6	YES
2/15/2010	8:12	MON	15712 HIGHWAY 27 (2 VICTIMS)	W 7	NO
3/28/2010	9:33	SUN	8000 MAHAN GAP RD	E 4	NO
4/12/2010	8:19	MON	9300 HIGHWAY 58	E 4	NO
4/18/2010	15:30	SUN	10000 LEE HIGHWAY	E 2	UNK
4/25/2010	7:10	SUN	12701 HIGHWAY 58	E 7	YES
5/8/2010	15:55	SAT	8411 HARRISON BAY RD	E 6	YES
5/9/2010	0:33	SUN	9600 HIXSON PIKE	W 5	YES
5/15/2010	8:00	SAT	100 HOTWATER RD	W 6	YES
5/26/2010	19:00	WED	599 RETRO HUGHES RD	W 7	YES
6/4/2010	0:31	FRI	7624 OOLETWAH RINGGOLD RD	E 1	YES
7/14/2010	20:21	WED	6400 SNOWHILL RD	E 2	NO
7/18/2010	22:20	SUN	2500 CUMMINGS HIGHWAY	W 1	YES
7/25/2010	11:24	SUN	100 REAVLEY RD	W 7	NO
8/21/2010	12:21	SAT	1586 RETRO HUGHES RD	W 7	NO
10/11/2010	12:31	MON	5400 HUNTER RD	E 3	NO

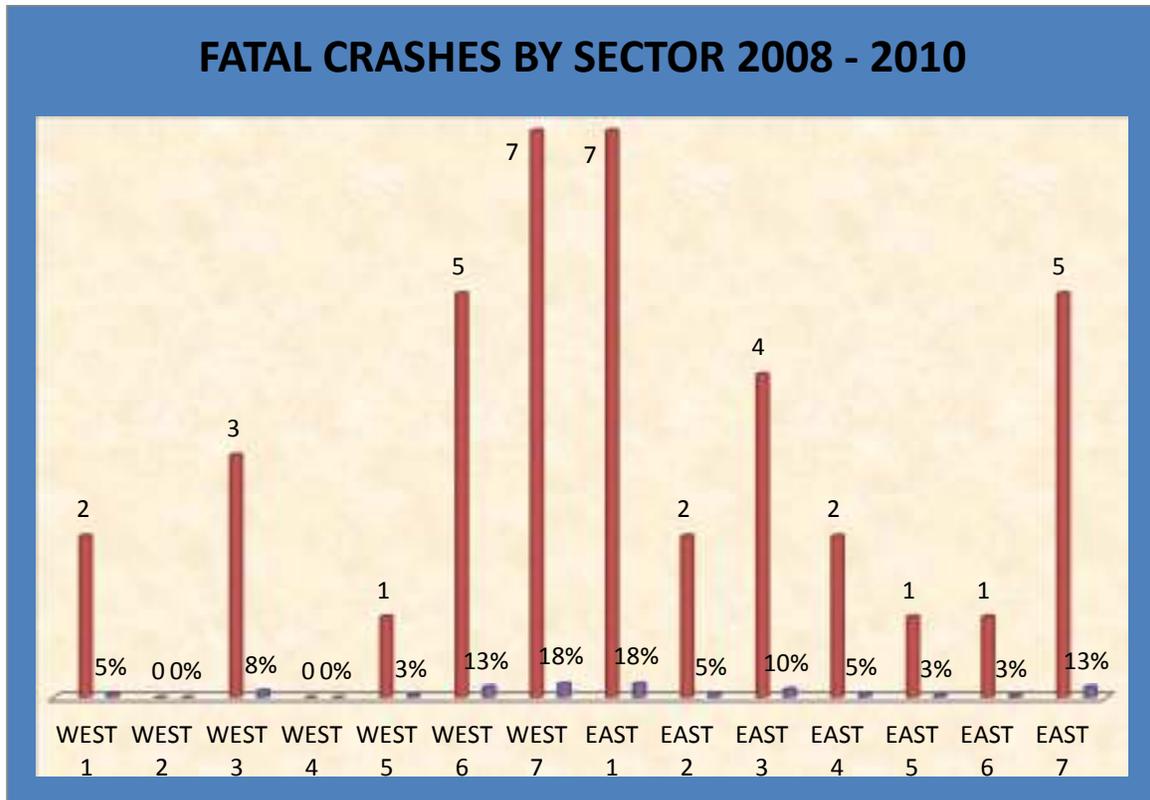
TOTAL FATAL CRASHES IN 2010: 16					
2/4/2009	15:55	WED	10100 LEE HIGHWAY	E 1	NO
2/7/2009	22:52	SAT	3900 "W" ROAD	W 1	YES
2/28/2009	10:52	SAT	1000 BOY SCOUT ROAD	W 3	NO
3/22/2009	3:01	SUN	12700 JONES GAP ROAD	W 6	YES
4/26/2009	18:45	SUN	HIGHWAY 60	E 7	YES
4/29/2009	18:45	WED	HIGHWAY 60	E 7	YES
5/8/2009	22:25	FRI	2100 OOLTEWAH-RINGOLD RD	E 1	NO
5/29/2009	19:30	FRI	7200 OOLTEWAH-GEORGETOWN	E 3	NO
9/5/2009	20:52	SAT	1700 DAUGHTREY FERRY RD	W 7	NO
10/2/2009	17:58	FRI	10100 HIGHWAY 111	W 6	UNK
10/2/2009	17:43	FRI	8900 LOVELL RD	W 6	NO
10/25/2009	2:36	SUN	9700 HIGHWAY 58	E 5	YES
11/4/2009	11:50	WED	5600 HUNTER RD	E 3	NO
11/21/2009	18:21	SAT	9100 HIGHWAY 58	E 3	NO
12/1/2009	22:15	TUES	16000 SHIPLEY HOLLOW RD	W 7	YES
12/10/2009	17:52	THURS	10900 HIGHWAY 58	E 7	NO
TOTAL FATAL CRASHES IN 2009: 16					
1/25/2008	18:36	FRI	6300 HIXSON PIKE	W 3	UNK
2/3/2008	6:28	SUN	9800 E BRAINERD RD	E 1	UNK
2/24/2008	1:52	SUN	9000 STANDIFER GAP RD	E 1	UNK
5/30/2008	13:53	FRI	6700 MIDDLE VALLEY RD	W 3	UNK
6/23/2008	18:32	MON	12300 DOLLY POND RD	E 7	UNK
8/7/2008	17:44	MON	13500 HIGHWAY 111	W 7	UNK
10/27/2008	4:12	SUN	2700 BANKS RD	E 1	UNK
12/4/2008	14:33	THURS	3000 BANKS RD	E 1	UNK
TOTAL FATAL CRASHES IN 2008: 8					

IT SHOULD BE NOTED THAT IN THE YEAR 2008, THE HAMILTON COUNTY SHERIFF'S OFFICE RECEIVED A LARGE GRANT (\$180,000 +) TO COMBAT ALCOHOL IMPAIRED DRIVERS. DEPUTIES WORKED EVERY WEEKEND STRICTLY ON IMPAIRED DRIVER ENFORCEMENT, HENCE THE FACT THAT FATAL TRAFFIC CRASHES WERE DOWN THAT YEAR BY 50 PERCENT.

ANALYSIS OF CONTRIBUTING FACTORS FOR THE FATAL CRASHES OVER THE 3 YEAR PERIOD SHOW THE FOLLOWING: OVER 40% OF THE TOTAL FATAL CRASHES HAD EITHER SPEEDING OR DUI AS A CONTRIBUTING FACTOR.

ANALYSIS ON LOCATIONS OF FATAL CRASHES OVER THE THREE YEAR PERIOD SHOW THAT SECTOR WEST 7 AND SECTOR EAST 1 HAVE THE LARGEST MAJORITY OF FATAL CRASHES (18 PERCENT). THE SECOND TWO SECTORS FOR MOST FATAL CRASHES ARE WEST 6 AND EAST 7 WITH 13 PERCENT EACH.

SECTORS WEST 2 AND WEST 4 HAD 0 FATAL CRASHES DURING THE 3 YEAR PERIOD.



MULTIPLE FATAL CRASHES BY ROAD:

1. 9100 Highway 58 – 12,701 Highway 58 – 5 Fatal Crashes in 3 years.
2. 10,000 Lee Highway – 10,100 Lee Highway – 2 Fatal Crashes in 2 years.
3. 6300 Hixson Pike – 9600 Hixson Pike – 2 Fatal Crashes in 3 years.
4. 599 Retro Hughes Road – 1586 Retro Hughes Rd – 2 Fatal Crashes in 1 year.
5. 5400 Hunter Rd – 5600 Hunter Rd – 2 Fatal Crashes in 2 years.
6. Highway 60 – 2 Fatal Crashes in 1 year.
7. 10,100 Hwy 111 – 13,500 Hwy 111 – 2 Fatal Crashes in 2 years.
8. 2700 Banks Rd – 3000 Banks Rd – 2 Fatal Crashes in 1 year.

ANALYSIS WOULD CONCLUDE THAT A TRAFFIC STUDY BE CONDUCTED ON ROUTE 58, ESPECIALLY BETWEEN THE 9100 – 12700 BLOCK, AS TO THE CAUSES OF FIVE (5) FATAL CRASHES IN A THREE (3) YEAR SPAN.

ANALYSIS OF TIMES OF FATAL CRASHES SHOW THAT THEY OCCUR ALMOST EQUALLY DURING THE DAY OR NIGHT TIME HOURS. 55% DURING THE DAY AND 45% DURING THE NIGHT.

