City of
FRESNO
POLICE DEPARTMENT

November 20, 2017

TO: JERRY P. DYER
                Chief of Police

THROUGH: DEPUTY CHIEF ROBERT NEVAREZ
                Administrative Division Commander

                LIEUTENANT DAVID RAMOS
                Personnel Bureau Commander

FROM: SERGEANT JENNIFER HORSFORD
                Audits & Inspections Unit

SUBJECT: 2017 THIRD QUARTER DEMOGRAPHIC DATA ANALYSIS

The 2017 third quarter Demographic Data Collection (DDC) report has been produced and reviewed. The DDC information contained in the report is generated by an automated program maintained by ISB personnel. It contains a combination of traffic stop data from the Crossroads program (utilized by the Traffic Bureau) and Data 911(DDC forms completed on MDS).

Of the 17,131 traffic stops recorded by the DDC program during the third quarter of 2017, 17,118 electronic DDC collection forms were submitted correctly. A review of CAD records for events with the opening class of "3C" revealed there were 16,226 traffic stops during the third quarter of 2017. The difference between CAD and DDC traffic stop numbers is due to the method by which the DDC program collects DDC data. One example would be when one officer uses one disposition of a "3C" for each traffic stop they make and a motor officer might use one disposition of "3C" for multiple traffic stops, such as a DUI check point.

The demographic breakdown of the City of Fresno is as follows:

- Hispanic 46.9%;
- White 30.0%;
- Black 7.7%;
- Asian 12.3%; and
- Other 3.1%.

2017 Third Quarter Demographic Analysis

The percentage of subjects stopped by race is as follows;

- Hispanic 47.7%;
- White 26.5%;
- Black 12.3%;
- Asian 5.0%; and
- Other 8.5%.

The majority of traffic stops were made in the Southwest District (26.4%), followed by the Central District (24.0%), Northwest District (20.6%), Northeast District (14.6%) and Southeast District (14.5%). The most frequent reason cited for traffic stops was hazardous moving violations (68.3%), followed by non-hazardous moving violations (13.9%) and vehicle equipment violations (12.9%). Less than 1% of the traffic stops are for DCB entries.

The demographics for Daily Crime Bulletin (DCB) wanted subjects were as follows;

- Hispanic 54.6%;
- Black 25.6%;
- White 16.7%;
- Asian 2.8%;
- Other .03%; and
- Unknown 0.3%

Approximately 6.9% of traffic stops resulted in the vehicle being searched by officers.

After comparing Fresno's demographic breakdown of traffic stops per district and reason for the traffic stop, it appears there are no trends that are out of the normal range at this time.

The data reflected in the current DDC report should be reviewed to determine what modifications, if any, should be made to the program to enhance its effectiveness. Currently, Traffic Section and Patrol Division traffic stop data is combined and cannot be differentiated when reviewing the report.

FRESNO POLICE DEPARTMENT
DEMOGRAPHIC DATA COLLECTION

Third Quarter 2017
**(July/August/September)**

Jerry P. Dyer
Chief of Police

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<u>DATA ANALYSIS:</u>

Census 2010 Population of Fresno
(Incorporated City)
Total Population – 494,665

Census 2010 Data	RACE				
	Asian	Black	Hispanic	White	Other
Population	60,939	37,885	232,055	148,598	15,188
Percent of Population	12.3%	7.7%	46.9%	30.0%	3.1%

% Population vs. % of Drivers Stopped by Race

	Asian	Black	Hispanic	White	Other
Population	12.3%	7.7%	46.9%	30.0%	3.1%
Traffic Stops	5.0%	12.3%	47.7%	26.5%	8.5%
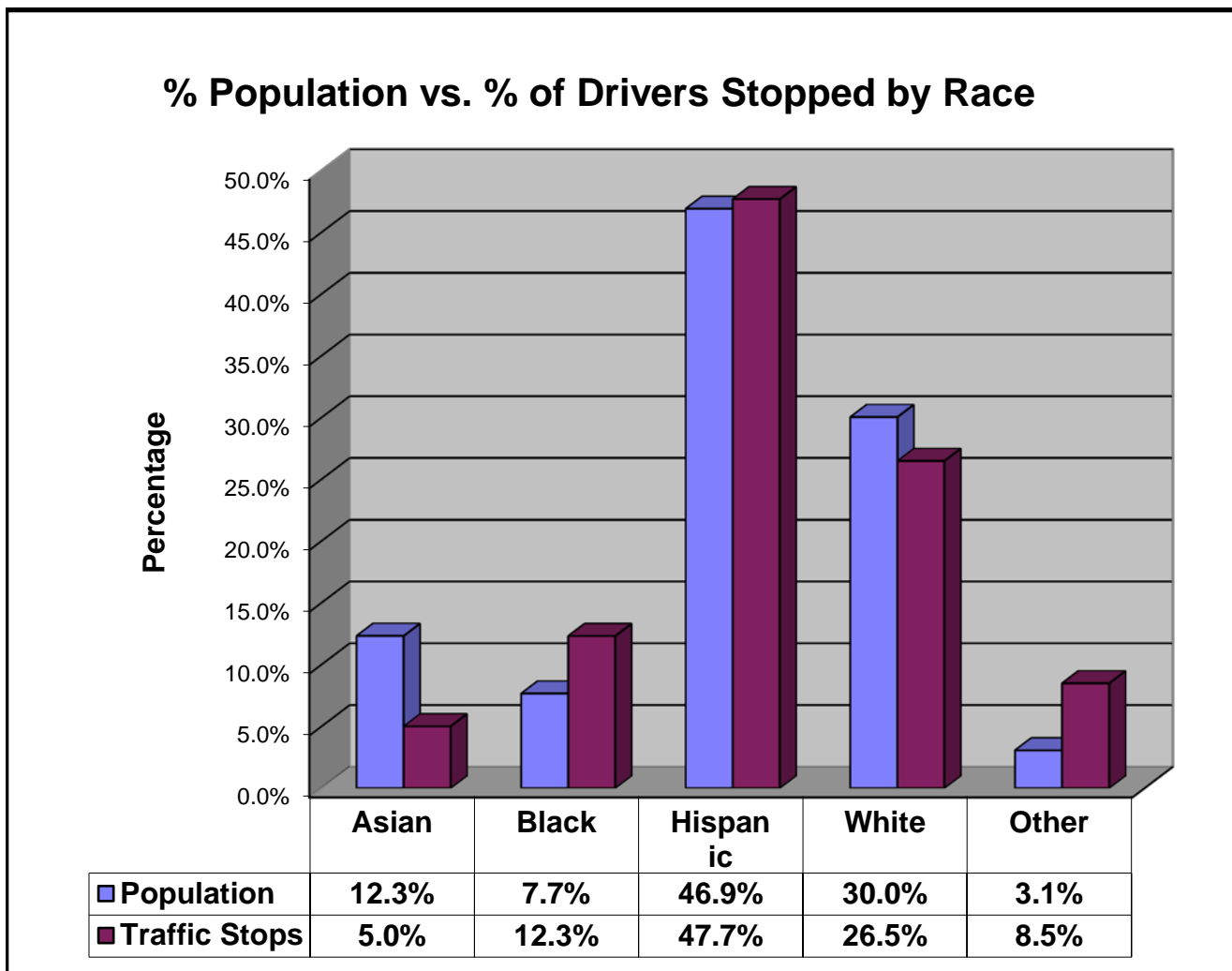
TOTAL TRAFFIC STOPS THIRD QUARTER 2017 – 17,131

TRAFFIC STOPS BY RACE
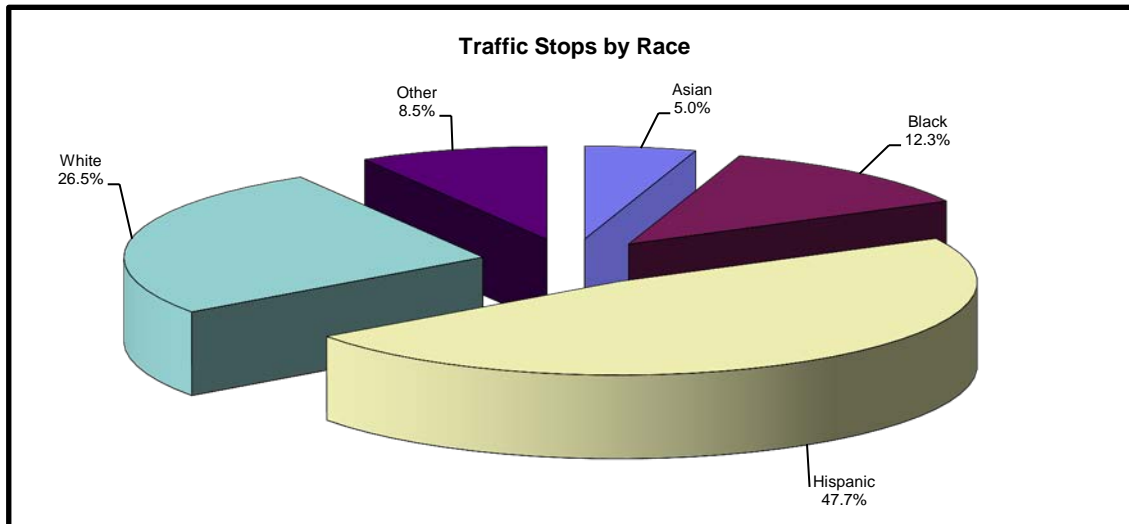
Order by Race:

Hispanic	-	47.7%
White	-	26.5%
Black	-	12.3%
Other	-	8.5%
Asian	-	5.0%

TRAFFIC STOPS BY REASON FOR STOP

Reason for Stop	Asian	Black	Hispanic	White	Other	TOTAL
Courtesy Stop - Flagged by Citizen		1	2	2		5
Driver Wanted - Daily Crime Bulletin / Warrant		2	4	3		9
DUI - Driving Under the Influence	8	7	98	38	13	164
Hazardous Moving Violation	629	1,057	5,495	3,339	1,164	11,684
Investigative Stop - Observed Criminal Activity	13	30	85	50	10	188
Non-Hazardous Moving Violation	103	444	1,157	557	126	2,387
Other Motor Vehicle Violation	8	32	94	47	6	187
Seat Belt Violation	10	48	134	70	27	289
Vehicle Equipment Violation	88	485	1,096	427	109	2,205

Of the 17,131 recorded traffic stops, 17,118 electronic reports were received where both the reason for the stop and race indicator keys were properly entered.
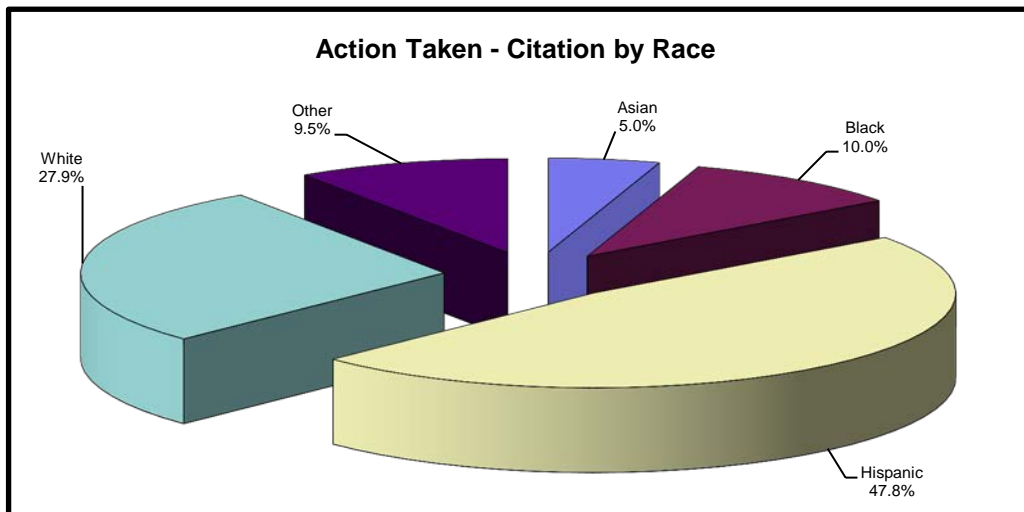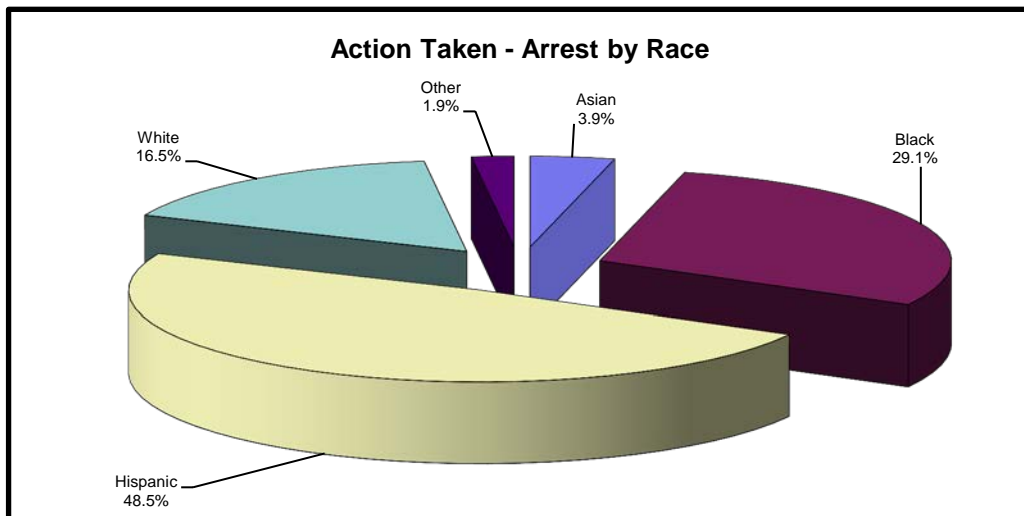
Reason for Traffic Stop

Vehicle Equipment Violation
12.9%

Courtesy Stop - Flagged by Citizen
0.0%

Driver Wanted - Daily Crime Bulletin / Warrant
0.1%

Seat Belt Violation
1.7%

DUI - Driving Under the Influence
1.0%

Other Motor Vehicle Violation
1.1%

Non-Hazardous Moving Violation
13.9%

Investigative Stop - Observed Criminal Activity
1.1%

Hazardous Moving Violation
68.3%
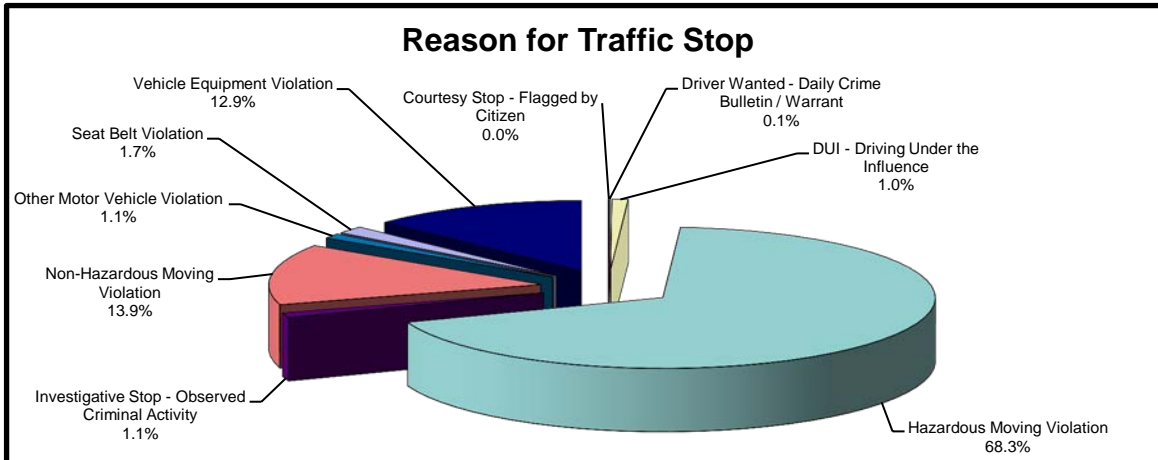
TRAFFIC STOP BY TYPE OF ACTION TAKEN

Reason for Stop	Arrest	Citation Issued	Citizen Assistance/ Courtesy	Field Interrogation Card	Warning Given	TOTAL
Courtesy Stop - Flagged by Citizen		3	2			**5**
Driver Wanted - Daily Crime Bulletin / Warrant		5			4	**9**
DUI - Driving Under the Influence	11	152			1	**164**
Hazardous Moving Violation	27	10743	3	1	910	**11,684**
Investigative Stop - Observed Criminal Activity	8	128	4		48	**188**
Non-Hazardous Moving Violation	31	1323	4		1029	**2,387**
Other Motor Vehicle Violation	3	116	1	1	66	**187**
Seat Belt Violation	1	284			4	**289**
Vehicle Equipment Violation	22	1052	1	1	1129	**2,205**

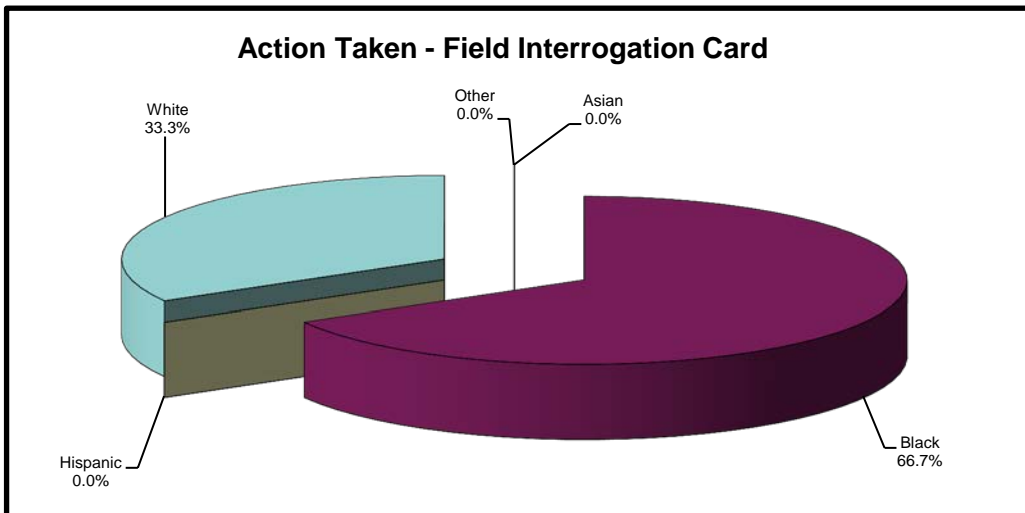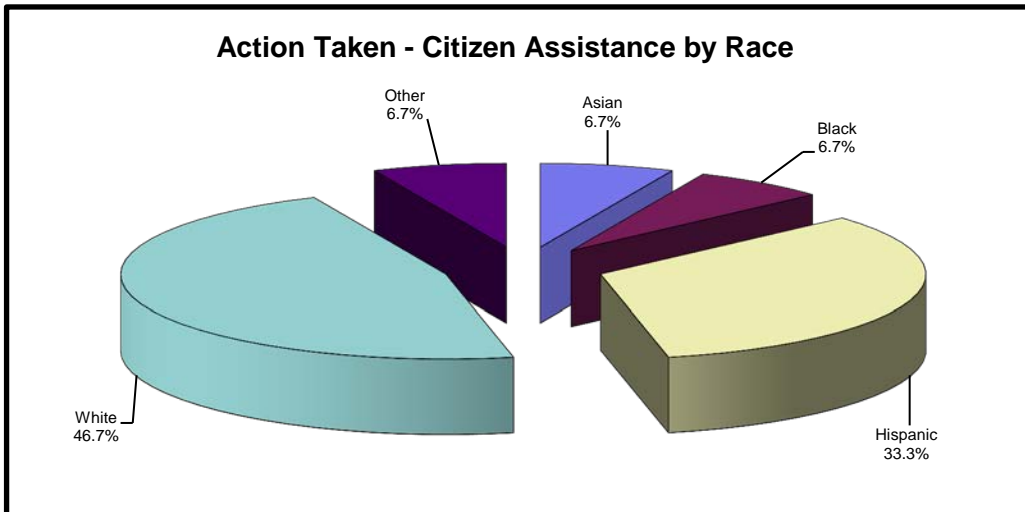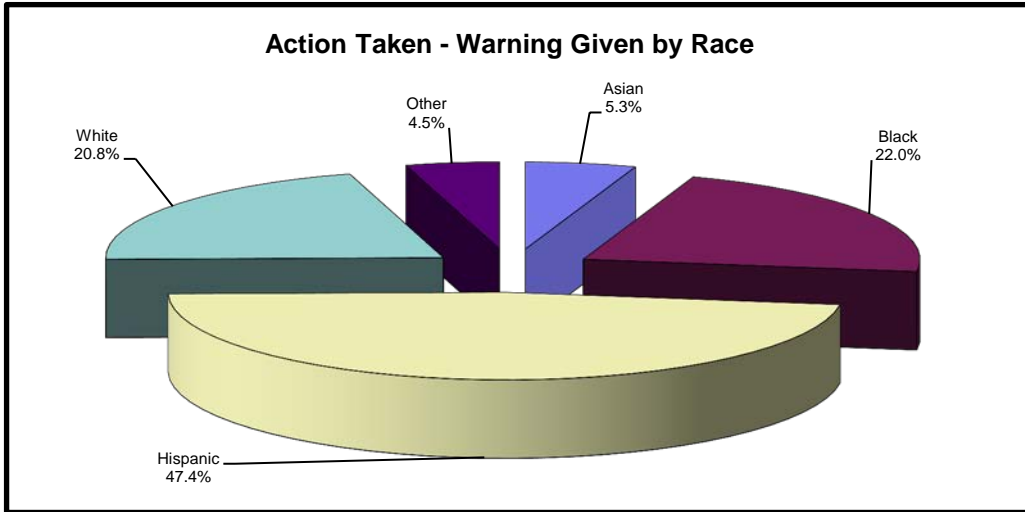*Statistics reflect traffic stops initiated by District and Patrol Support Division personnel

ACTION TAKEN BY RACE

Description	Asian	Black	Hispanic	White	Other	TOTAL
Arrest	4	30	50	17	2	**103**
Citation Issued	685	1,375	6,601	3,849	1,309	**13,819**
Citizen Assistance / Courtesy	1	1	5	7	1	**15**
Field Interrogation Card		2		1		**3**
Warning Given	169	701	1,514	664	143	**3,191**

Of the 17,131 traffic stops, 17,131 electronic reports were received where both the action taken and race indicator keys were properly entered.

Action Taken - Arrest by Race

Other 1.9%
Asian 3.9%
Black 29.1%
White 16.5%
Hispanic 48.5%

Action Taken - Citation by Race

Other 9.5%
Asian 5.0%
Black 10.0%
White 27.9%
Hispanic 47.8%

Action Taken - Warning Given by Race

Other
4.5%

Asian
5.3%

White
20.8%

Black
22.0%

Hispanic
47.4%

Action Taken - Citizen Assistance by Race

Other
6.7%

Asian
6.7%

Black
6.7%

White
46.7%

Hispanic
33.3%

Action Taken - Field Interrogation Card

White
33.3%

Other
0.0%

Asian
0.0%

Black
66.7%

Hispanic
0.0%

TRAFFIC STOPS WITH REASON FOR VEHICLE SEARCH BY RACE

Reason for Stop – Vehicle Searched	Asian	Black	Hispanic	White	Other	TOTAL
Courtesy Stop - Flagged by Citizen						0
Driver Wanted - Daily Crime Bulletin / Warrant			1	1		2
DUI - Driving Under the Influence	3	3	40	22	4	72
Hazardous Moving Violation	15	60	267	52	24	418
Investigative Stop - Observed Criminal Activity	3	9	16	7		35
Non-Hazardous Moving Violation	7	103	149	60	7	326
Other Motor Vehicle Violation	1	5	14	4	2	26
Seat Belt Violation		3	3			6
Vehicle Equipment Violation	14	97	128	48	7	294

Of the 17,131 traffic stops, 1,179 electronic reports were received indicating a vehicle was searched.

Vehicles Searched by Race

Other 3.7%
Asian 3.6%
White 16.5%
Black 23.7%
Hispanic 52.4%
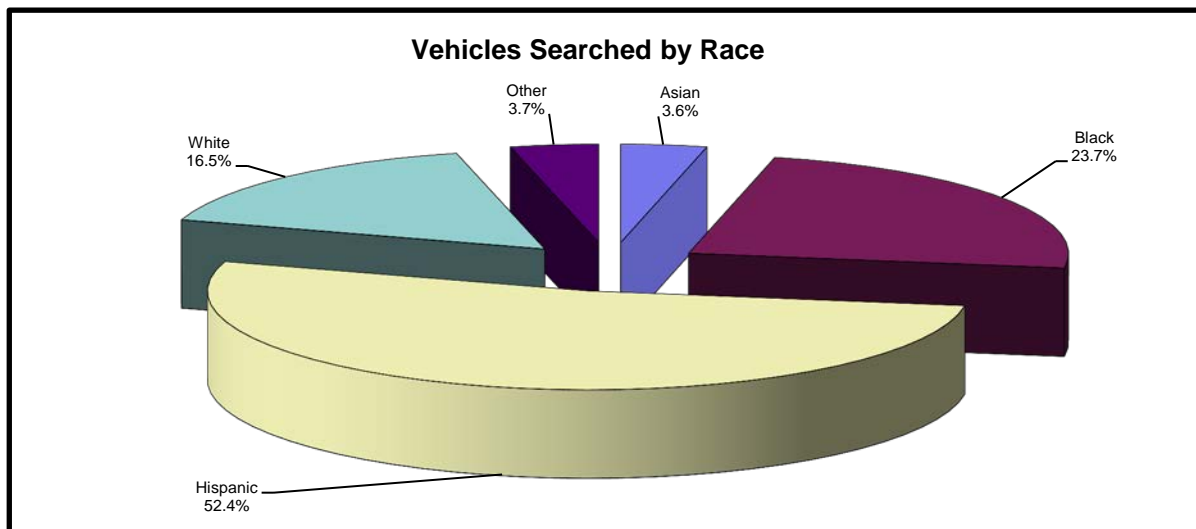
*6.9% of the 17,131 traffic stops resulted in a vehicle search

Order by Race:	Hispanic	-	52.4%
	Black	-	23.7%
	White	-	16.5%
	Other	-	3.7%
	Asian	-	3.6%

CITY-WIDE TRAFFIC STOPS BY DISTRICT/RACE

District	Asian	Black	Hispanic	White	Other	TOTAL
Southwest	43	374	436	76	26	955
Central	33	157	447	209	22	868
Southeast	38	93	337	48	9	525
Northeast	41	77	206	170	34	528
Northwest	25	112	352	203	56	748

Of the 17,131 recorded traffic stops, there were 3,624 where both the race indicator and district indictor keys were properly entered.

City-Wide Traffic Stops by District

Northwest 20.6%
Southwest 26.4%
Northeast 14.6%
Southeast 14.5%
Central 24.0%
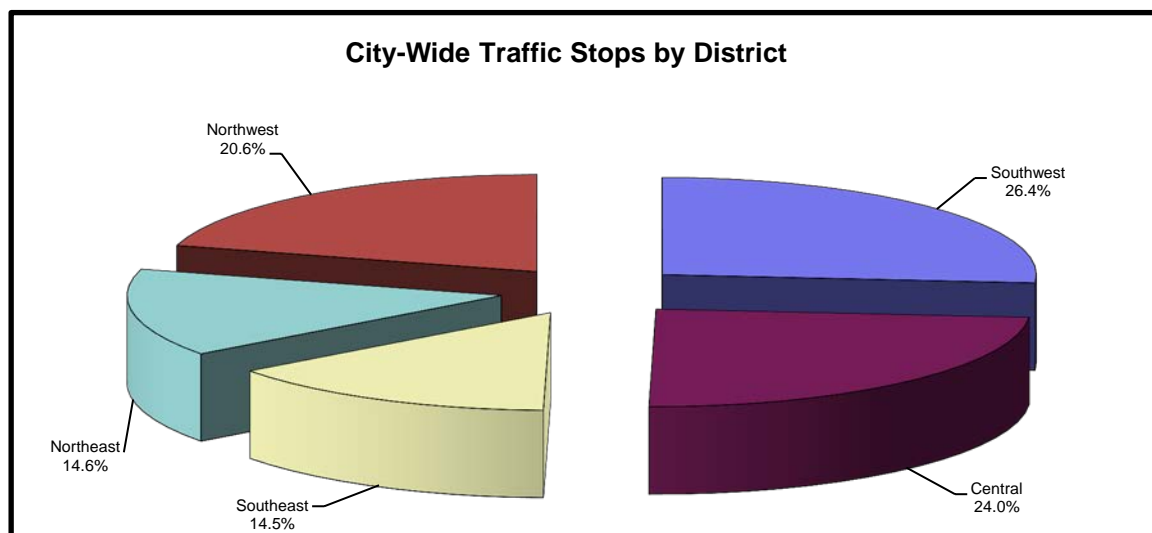
*Statistics reflect traffic stops initiated by both District and Patrol Support Division personnel

Order by District:	Southwest	-	26.4%
	Central	-	24.0%
	Northwest	-	20.6%
	Northeast	-	14.6%
	Southeast	-	14.5%

Southwest District

White
8.0%

Other
2.7%

Asian
4.5%

Black
39.2%

Hispanic
45.7%

Central District

White
24.1%

Other
2.5%

Asian
3.8%

Black
18.1%

Hispanic
51.5%

Southeast District

White
9.1%

Other
1.7%

Asian
7.2%

Black
17.7%

Hispanic
64.2%

Northeast District

Other 6.4%
Asian 7.8%
Black 14.6%
White 32.2%
Hispanic 39.0%

Northwest District

Other 2.5%
Asian 3.8%
Black 18.1%
White 24.1%
Hispanic 51.5%
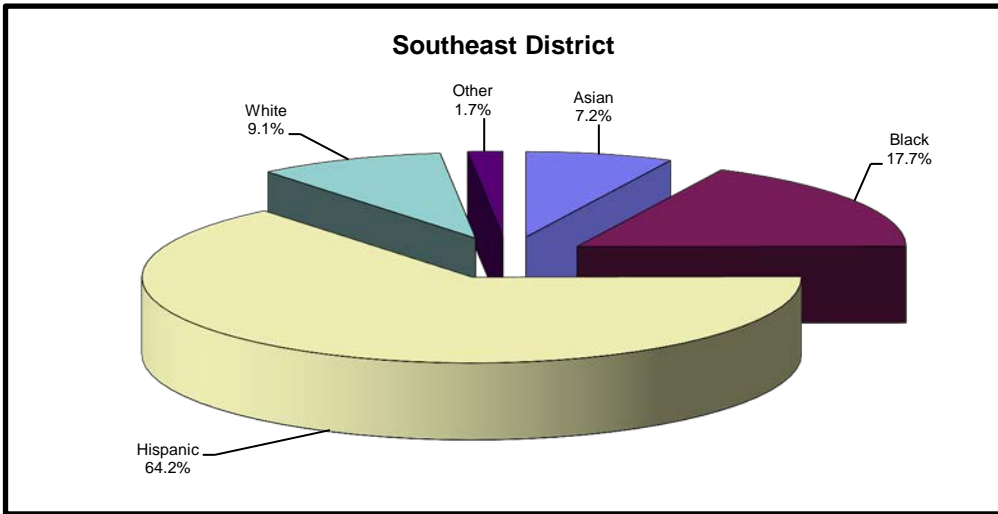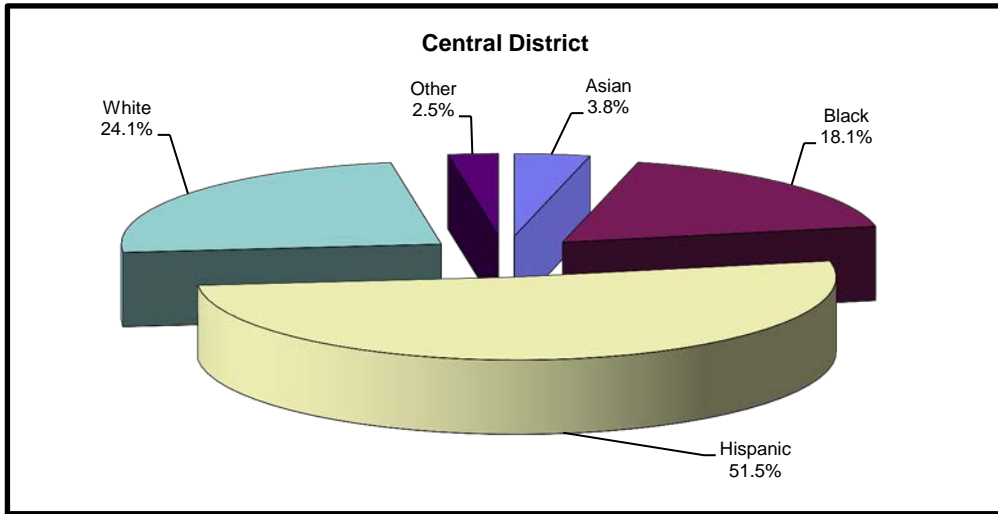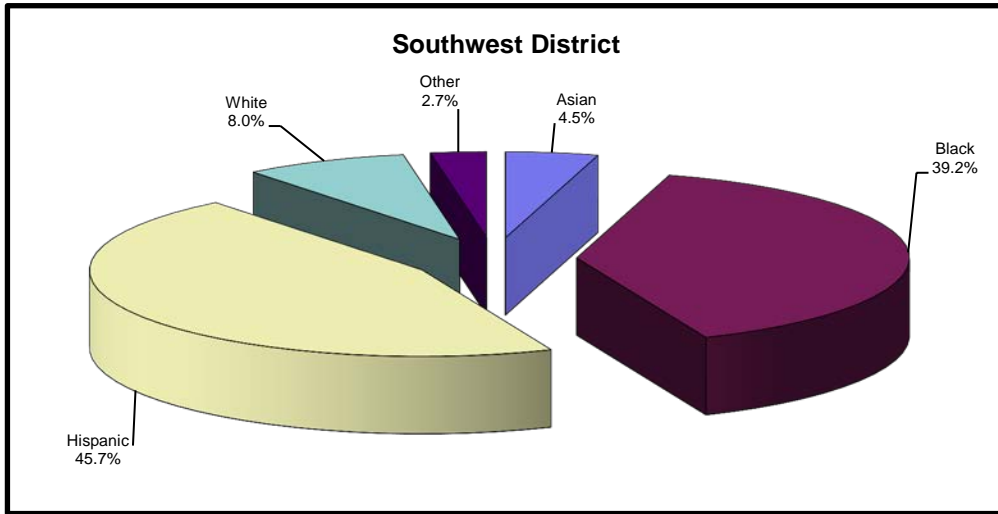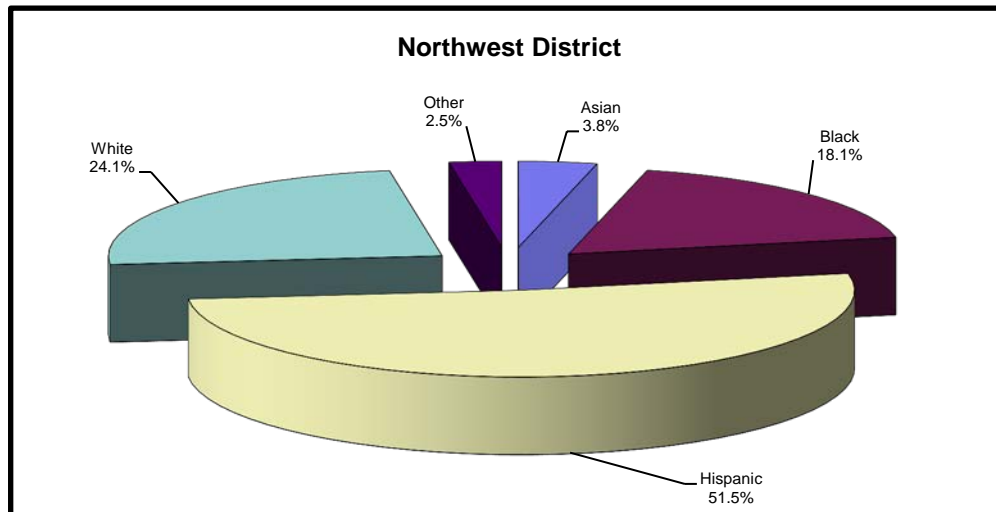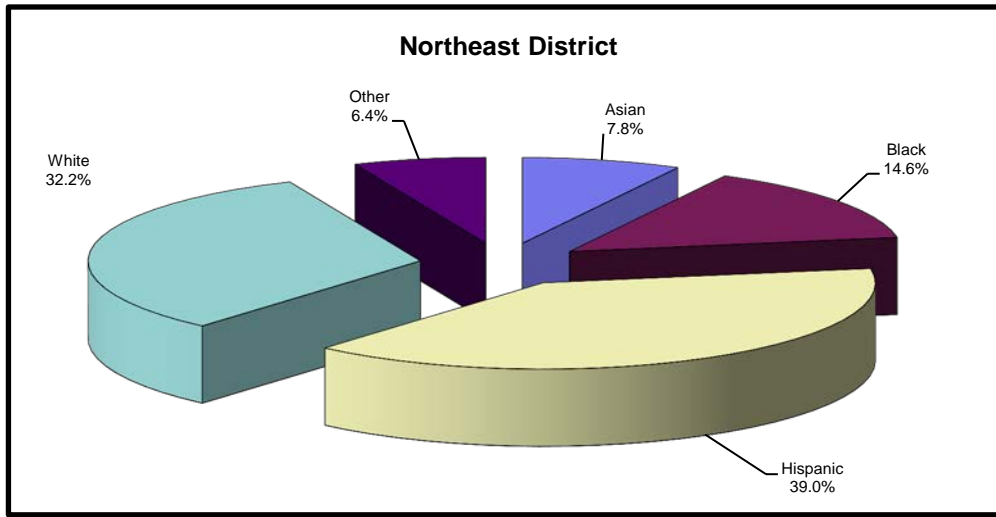
TRAFFIC STOPS BY PATROL SUPPORT DIVISION
Total 149 Traffic Stops

District	Asian	Black	Hispanic	White	Other	TOTAL
Southwest		6	18	3		27
Central		5	23	12	2	42
Southeast	1	1	23	3		28
Northeast	2	4	9	4	4	23
Northwest		6	7	12	4	29

*Patrol Support Division consists of MAGEC, POP, Patrol TAC, Multi-Agency, K9, Juvenile TAC, HEAT and etc.

TRAFFIC STOPS BY DAYS OF THE WEEK CITY-WIDE

Traffic Stops by Days of the Week

WED
20.6%

FRI
15.1%

MON
8.7%

SAT
13.3%

SUN
5.9%

THUR
18.8%

TUE
17.4%
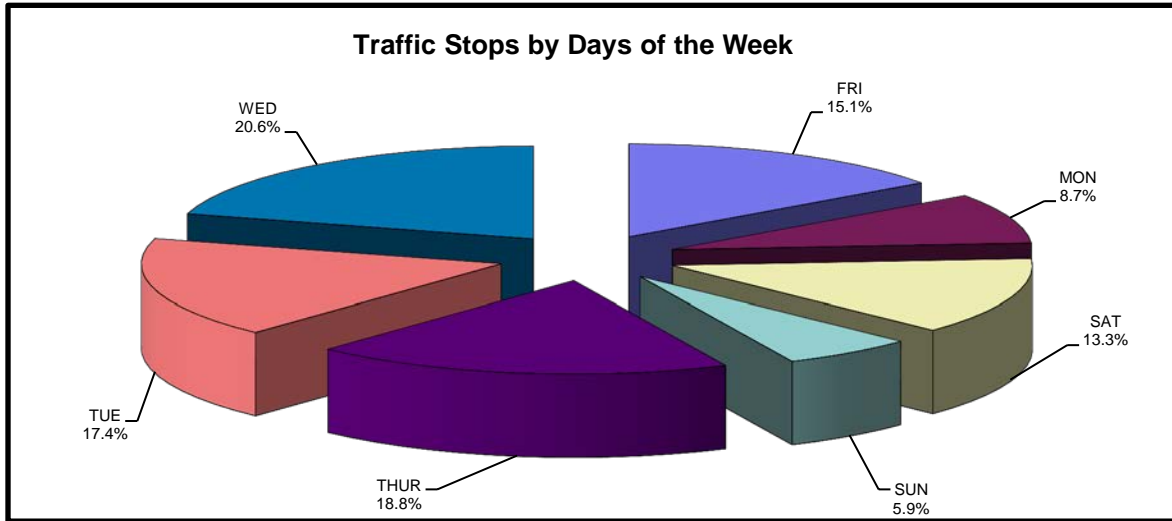
Order by Day of the Week:

Wednesday	-	20.6%
Thursday	-	18.8%
Tuesday	-	17.4%
Friday	-	15.1%
Saturday	-	13.3%
Monday	-	8.7%
Sunday	-	5.9%

TRAFFIC STOPS BY HOUR OF THE DAY CITY-WIDE

Traffic Stops by Hours of the Day

- 1800-2359 24.0%
- 0000-0559 6.9%
- 1200-1759 31.0%
- 0600-1159 38.2%
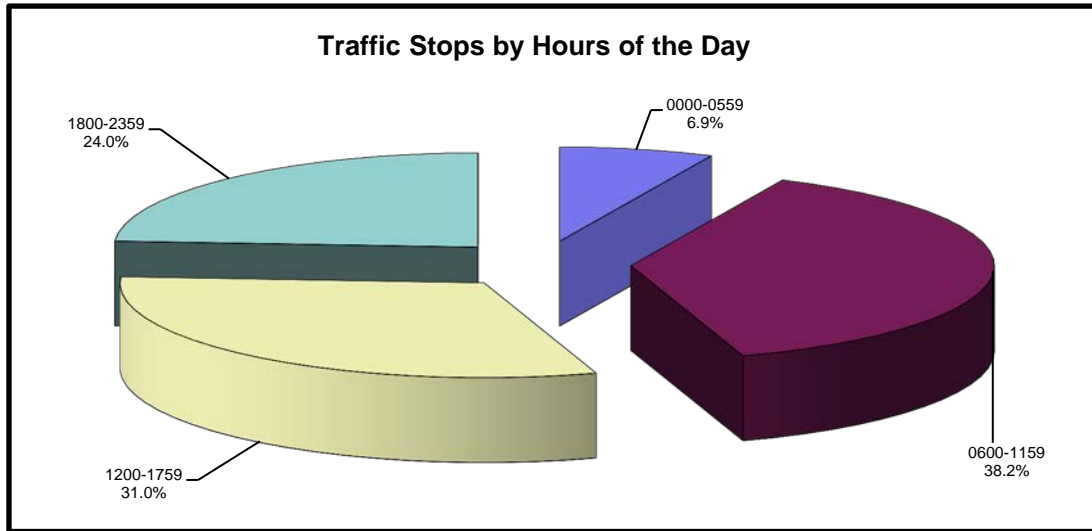
Order by Hours of the Day:

0600 to 1159 hrs	-	38.2%
1200 to 1759 hrs	-	31.0%
1800 to 2359 hrs	-	24.0%
0000 to 0559 hrs	-	6.9%

TRAFFIC STOPS BY AGE AND RACE

Age Group	Asian	Black	Hispanic	White	Other	TOTAL
12-17	8	21	153	88	31	301
18-23	169	414	1817	751	322	3473
24-29	178	486	1823	716	312	3515
30-35	167	345	1374	700	251	2837
36-41	99	242	1013	524	150	2028
42-47	76	159	679	426	111	1451
48-53	51	157	567	427	90	1292
54-59	42	140	351	373	82	988
60-65	41	76	233	261	62	673
66-71	17	45	102	143	26	333
72-77	6	14	38	73	14	145
78-83	2	4	8	34	3	51
84-89	2	1	2	9		14
90-95	1	2	2	5		10

Of the 17,131 traffic stops, 17,111 electronic reports were received where both the age and race indicator keys were properly entered.

DAILY CRIME BULLETIN (WANTED PERSONS) BY RACE
LISTINGS – 317

DCB by Race

Unknown 0.0%	Asian 2.8%	Black 25.6%
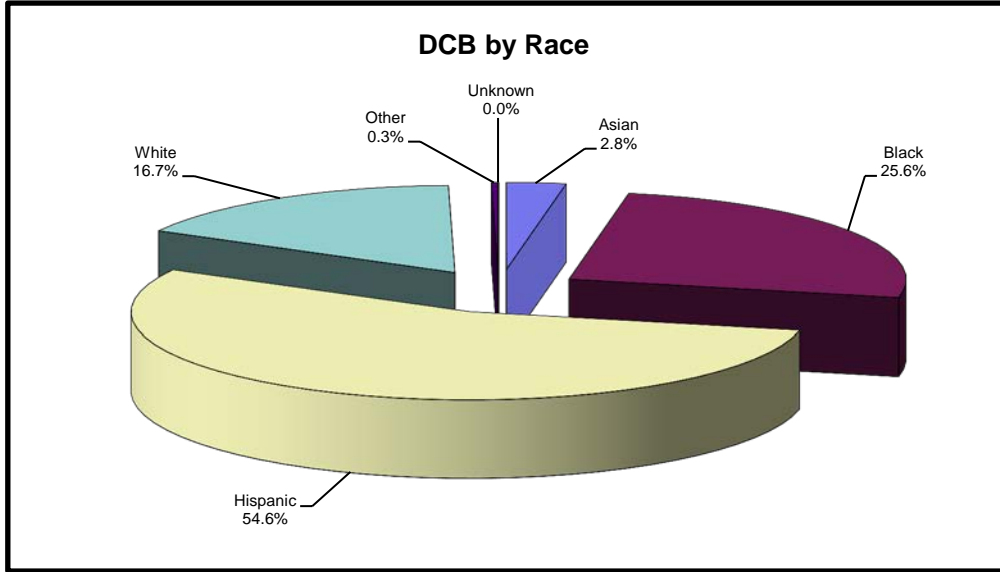
White 16.7%

Other 0.3%

Hispanic 54.6%

Order by Race:	Hispanic	-	54.6%
	Black	-	25.6%
	White	-	16.7%
	Asian	-	2.8%
	Other	-	0.3%
	Unknown	-	0.0%