City of
FRESNO
POLICE DEPARTMENT

August 30, 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 SECOND QUARTER DEMOGRAPHIC DATA ANALYSIS

The 2017 first 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 13,214 traffic stops recorded by the DDC program during the second quarter of 2017, 13,201 electronic DDC collection forms were submitted correctly. A review of CAD records for events with the opening class of "3C" revealed there were 12,605 traffic stops during the second 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 Second Quarter Demographic Analysis

The percentage of subjects stopped by race is as follows;

- Hispanic 48.6%;
- White 23.8%;
- Black 14%;
- Asian 5.%; and
- Other 8.6%.

The majority of traffic stops were made in the Southwest District (26.1%), followed by the Central District (24.2%) Northwest District (19.5%), Southeast District (16.3%), and Northeast District (13.9%). The most frequent reason cited for traffic stops was hazardous moving violations (63.7%), followed by non-hazardous moving violations (18%) and vehicle equipment violations (13%). Less than 1% of the traffic stops are for DCB entries.

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

- Hispanic 51.5%;
- Black 26.2%;
- White 16.7%;
- Asian 2.5%;
- Other 1.9%; and
- Unknown 1.2%

Approximately 8.8% 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

Second Quarter 2017

(April/May/June)

Jerry P. Dyer
Chief of Police

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DATA ANALYSIS:

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%	14.0%	48.6%	23.8%	8.6%
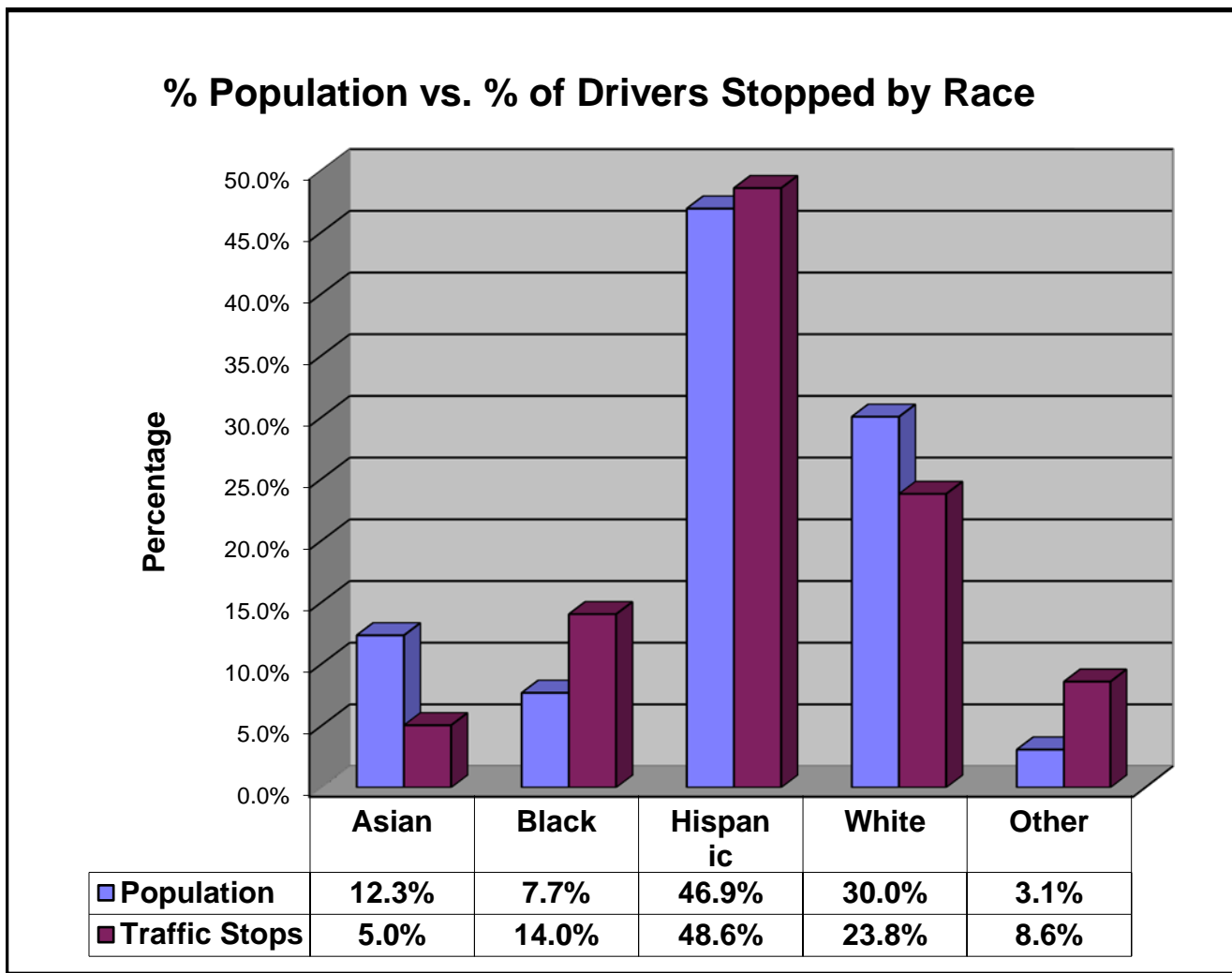
TOTAL TRAFFIC STOPS SECOND QUARTER 2017 – 13,214

TRAFFIC STOPS BY RACE

Traffic Stops by Race

Other
8.6%

Asian
5.0%

Black
14.0%

White
23.8%
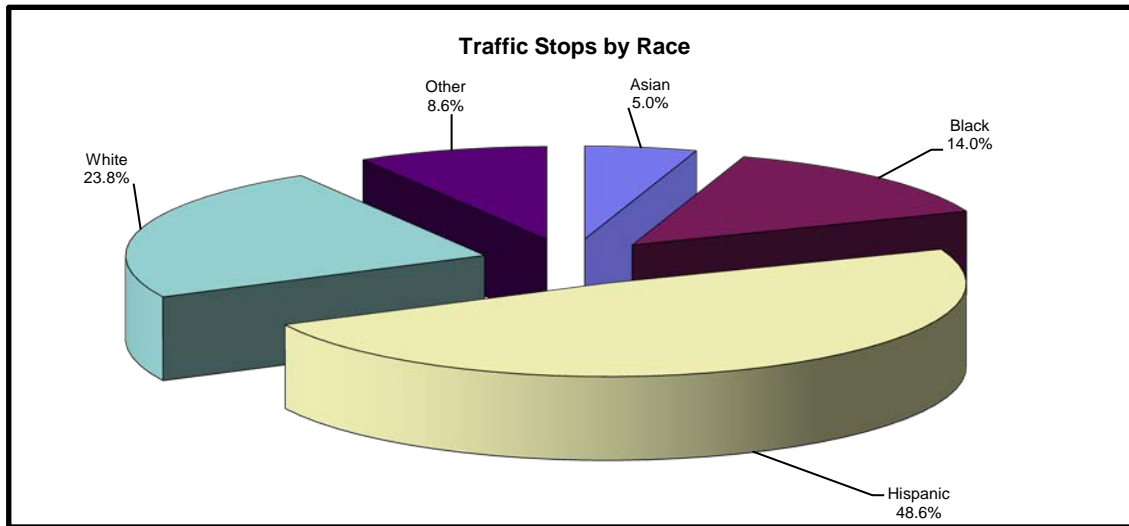
Hispanic
48.6%

Order by Race:			
Hispanic	-	48.6%
White	-	23.8%
Black	-	14.0%
Other	-	8.6%
Asian	-	5.0%

TRAFFIC STOPS BY REASON FOR STOP

Reason for Stop	Asian	Black	Hispanic	White	Other	TOTAL
Courtesy Stop - Flagged by Citizen				1		**1**
Driver Wanted - Daily Crime Bulletin / Warrant	1	2	5		1	**9**
DUI - Driving Under the Influence	4	17	70	26	10	**127**
Hazardous Moving Violation	457	869	3,995	2,209	880	**8,410**
Investigative Stop - Observed Criminal Activity	2	25	49	43	5	**124**
Non-Hazardous Moving Violation	95	525	1,150	476	128	**2,374**
Other Motor Vehicle Violation	4	34	56	27	6	**127**
Seat Belt Violation	21	38	153	75	24	**311**
Vehicle Equipment Violation	82	343	934	281	78	**1,718**

Of the 13,214 recorded traffic stops, 13,201 electronic reports were received where both the reason for the stop and race indicator keys were properly entered.
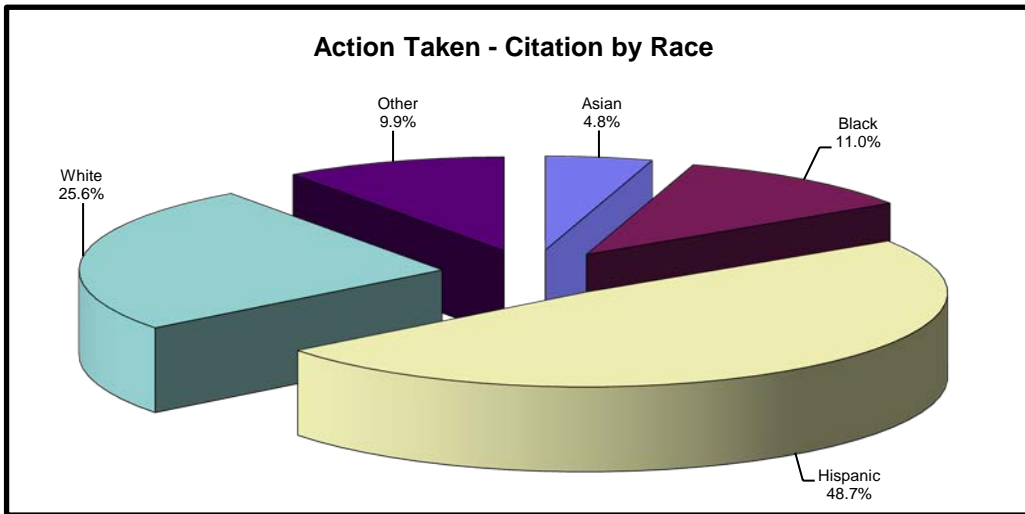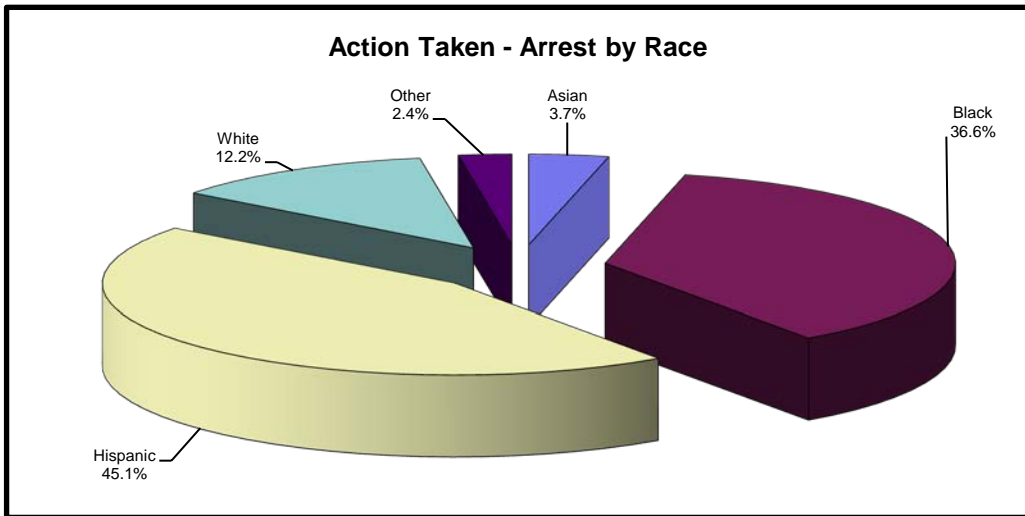
Reason for Traffic Stop

- Courtesy Stop - Flagged by Citizen 0.0%
- Driver Wanted - Daily Crime Bulletin / Warrant 0.1%
- Seat Belt Violation 2.4%
- Vehicle Equipment Violation 13.0%
- DUI - Driving Under the Influence 1.0%
- Other Motor Vehicle Violation 1.0%
- Non-Hazardous Moving Violation 18.0%
- Investigative Stop - Observed Criminal Activity 0.9%
- Hazardous Moving Violation 63.7%
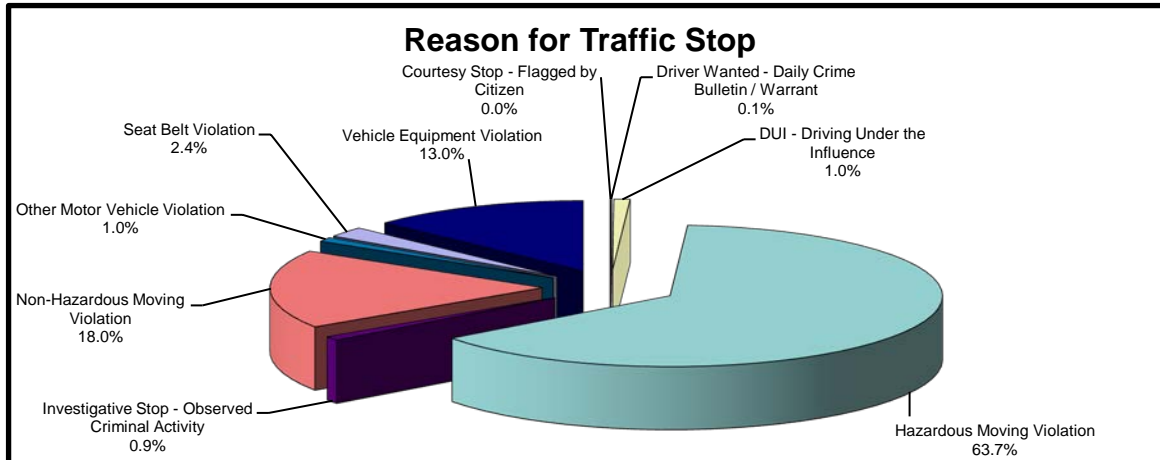
TRAFFIC STOP BY TYPE OF ACTION TAKEN

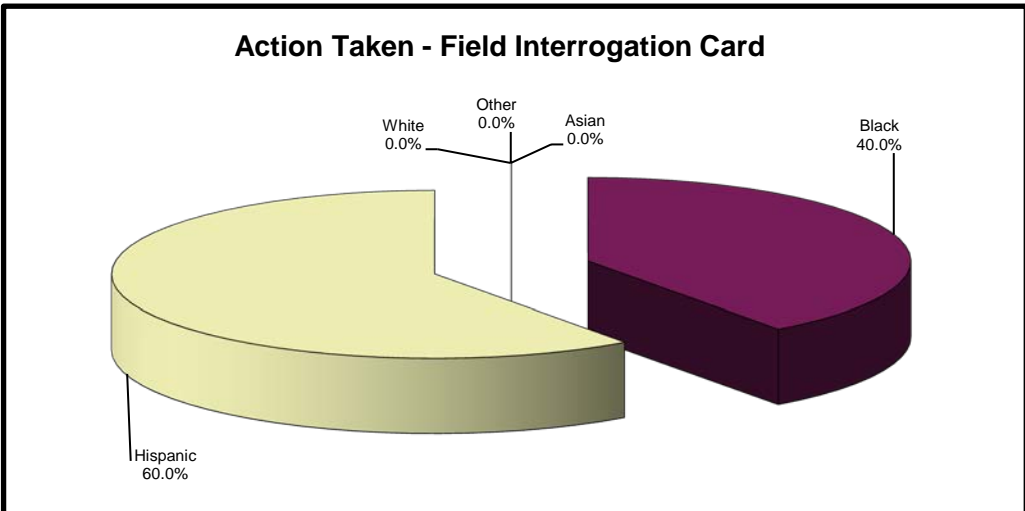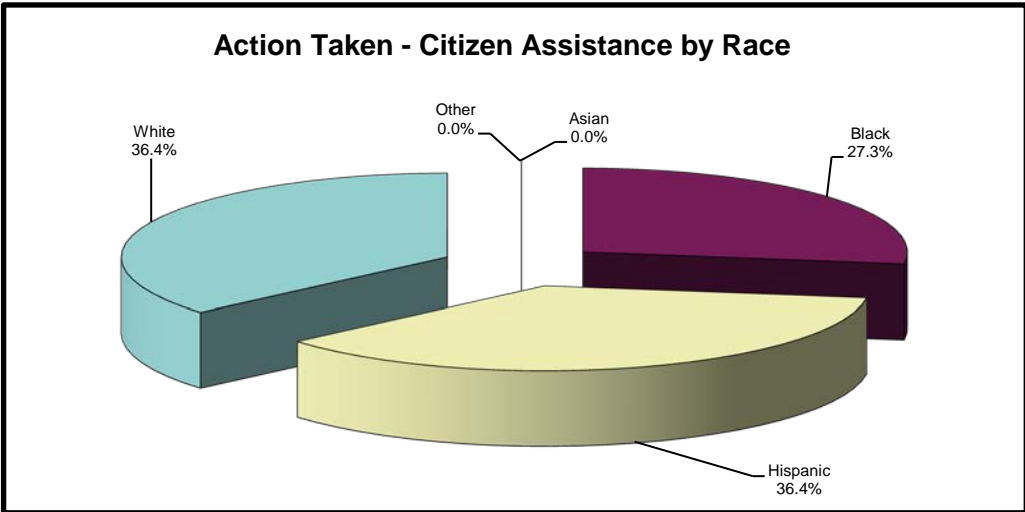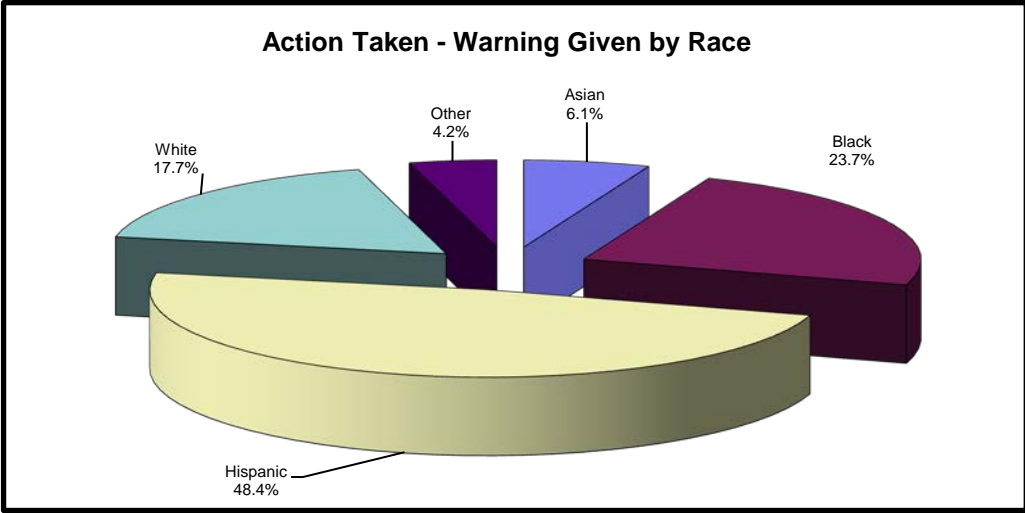| Reason for Stop	Arrest	Citation Issued	Citizen Assistance/ Courtesy	Field Interrogation Card	Warning Given	TOTAL
Courtesy Stop - Flagged by Citizen		1				1
Driver Wanted - Daily Crime Bulletin / Warrant		7			2	9
DUI - Driving Under the Influence	1	125			1	127
Hazardous Moving Violation	29	7559	2	1	819	8,410
Investigative Stop - Observed Criminal Activity	3	87	4	2	28	124
Non-Hazardous Moving Violation	21	1295	3	1	1054	2,374
Other Motor Vehicle Violation	3	53			71	127
Seat Belt Violation		304			7	311
Vehicle Equipment Violation	25	731	2	1	959	1,718

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

ACTION TAKEN BY RACE

Description	Asian	Black	Hispanic	White	Other	TOTAL
Arrest	3	30	37	10	2	**82**
Citation Issued	485	1,123	4,952	2,608	1,007	**10,175**
Citizen Assistance / Courtesy		3	4	4		**11**
Field Interrogation Card		2	3			**5**
Warning Given	178	697	1,422	521	123	**2,941**

Of the 13,214 traffic stops, 13,214 electronic reports were received where both the action taken and race indicator keys were properly entered.

Action Taken - Arrest by Race

Other 2.4%
Asian 3.7%
Black 36.6%
White 12.2%
Hispanic 45.1%

Action Taken - Citation by Race

Other 9.9%
Asian 4.8%
Black 11.0%
White 25.6%
Hispanic 48.7%

Action Taken - Warning Given by Race

Other
4.2%

Asian
6.1%

White
17.7%

Black
23.7%

Hispanic
48.4%

Action Taken - Citizen Assistance by Race

Other
0.0%

Asian
0.0%

White
36.4%

Black
27.3%

Hispanic
36.4%

Action Taken - Field Interrogation Card

Other
0.0%

White
0.0%

Asian
0.0%

Black
40.0%

Hispanic
60.0%

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	2			3
DUI - Driving Under the Influence		13	32	11	3	59
Hazardous Moving Violation	12	89	243	70	11	425
Investigative Stop - Observed Criminal Activity	1	8	8	5		22
Non-Hazardous Moving Violation	8	119	173	66	6	372
Other Motor Vehicle Violation		6	14	4	2	26
Seat Belt Violation		1	6	3	1	11
Vehicle Equipment Violation	7	68	137	26	3	241

Of the 13,214 traffic stops, 1,159 electronic reports were received indicating a vehicle was searched.

Vehicles Searched by Race
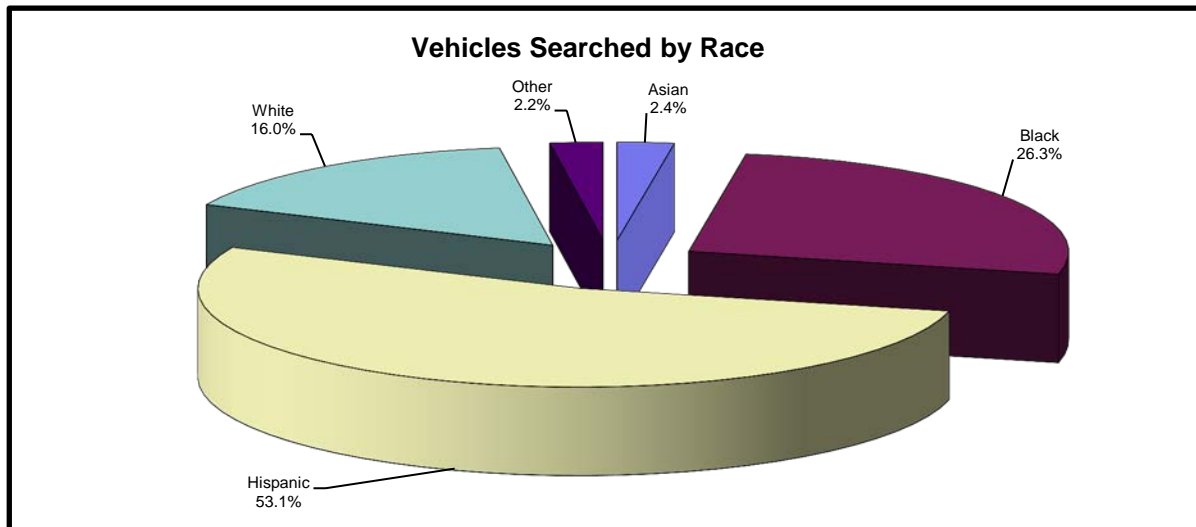
*8.8% of the 13,214 traffic stops resulted in a vehicle search

Order by Race:	Hispanic	-	53.1%
	Black	-	26.3%
	White	-	16.0%
	Asian	-	2.4%
	Other	-	2.2%

CITY-WIDE TRAFFIC STOPS BY DISTRICT/RACE

District	Asian	Black	Hispanic	White	Other	TOTAL
Southwest	32	367	398	67	24	**888**
Central	41	178	418	167	19	**823**
Southeast	44	90	363	52	7	**556**
Northeast	31	68	205	146	24	**474**
Northwest	29	108	308	172	49	**666**

Of the 13,214 recorded traffic stops, there were 3,407 where both the race indicator and district indictor keys were properly entered.

City-Wide Traffic Stops by District

Northwest 19.5%
Northeast 13.9%
Southeast 16.3%
Southwest 26.1%
Central 24.2%
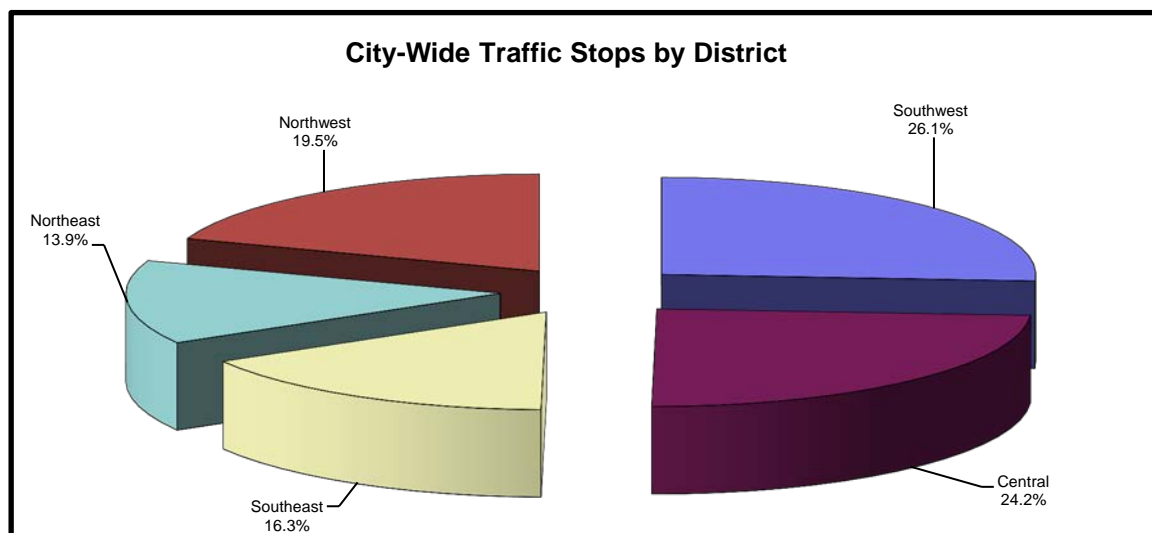
*Statistics reflect traffic stops initiated by both District and Patrol Support Division personnel

Order by District:
Southwest - 26.1%
Central - 24.2%
Northwest - 19.5%
Southeast - 16.3%
Northeast - 13.9%

Southwest District

White 7.5%
Other 2.7%
Asian 3.6%
Black 41.3%
Hispanic 44.8%

Central District

White 20.3%
Other 2.3%
Asian 5.0%
Black 21.6%
Hispanic 50.8%

Southeast District

White 9.4%
Other 1.3%
Asian 7.9%
Black 16.2%
Hispanic 65.3%

Northeast District

White
30.8%

Other
5.1%

Asian
6.5%

Black
14.3%

Hispanic
43.2%

Northwest District

White
20.3%

Other
2.3%

Asian
5.0%

Black
21.6%
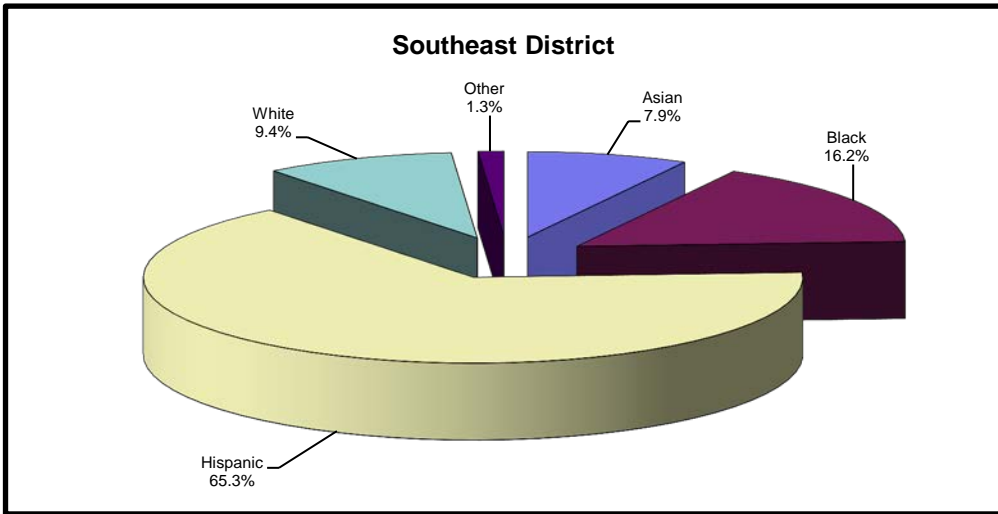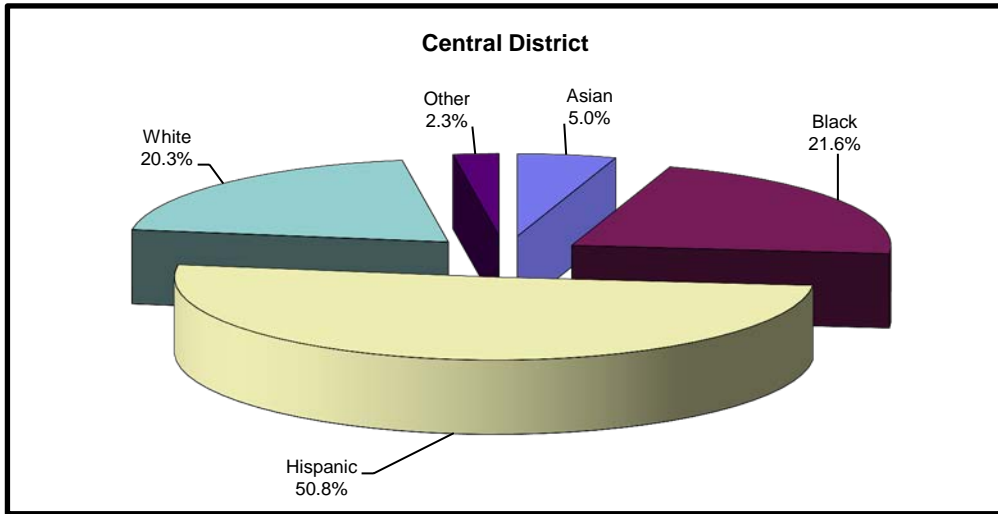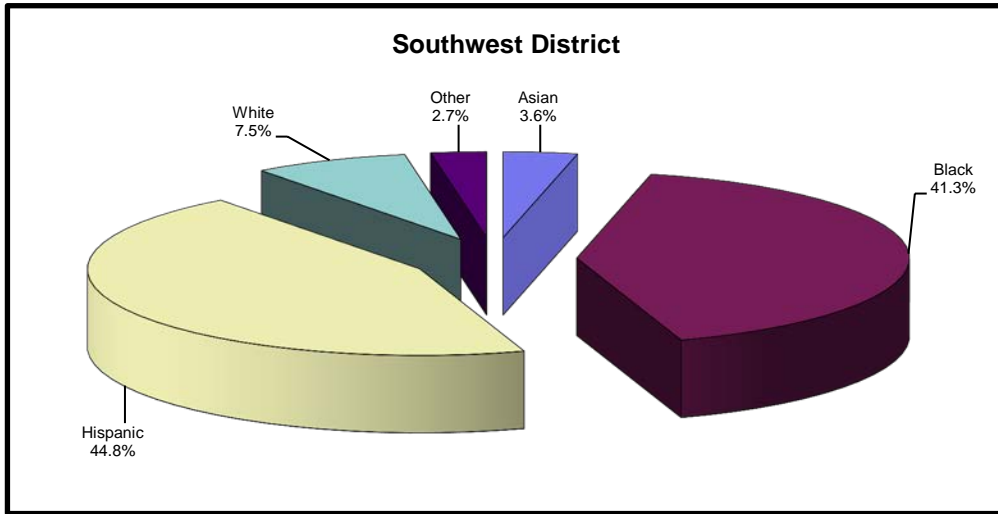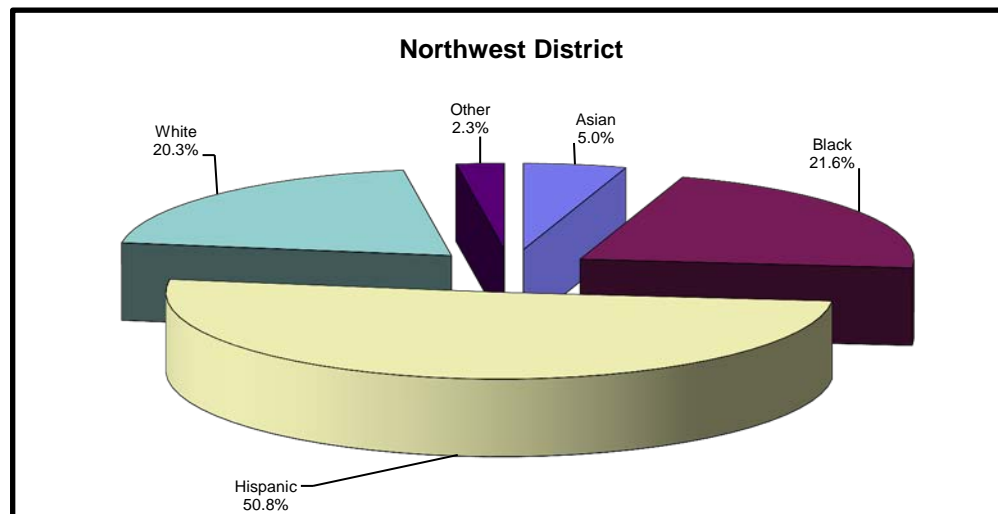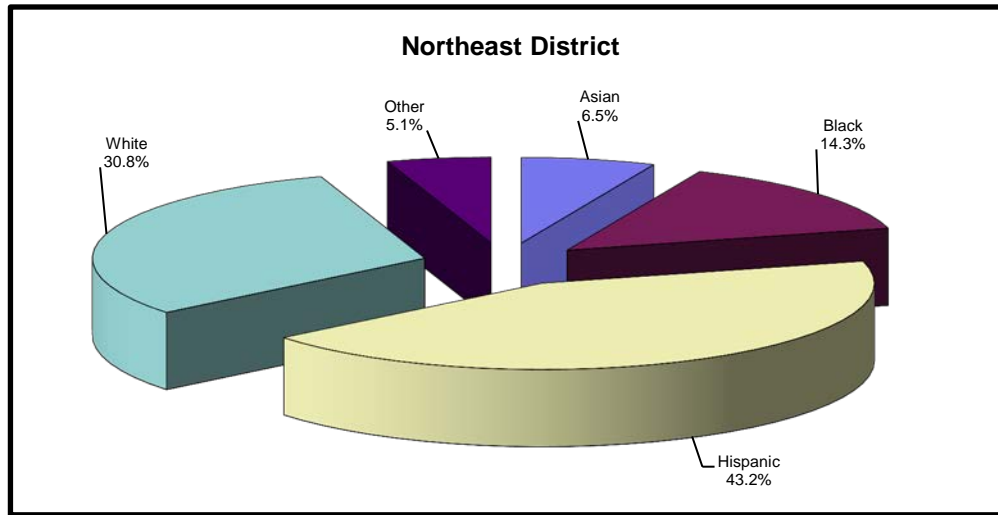
Hispanic
50.8%

TRAFFIC STOPS BY PATROL SUPPORT DIVISION
Total 203 Traffic Stops

District	Asian	Black	Hispanic	White	Other	TOTAL
Southwest	1	20	28	1	1	51
Central	4	11	29	12	1	57
Southeast	4	4	31	3		42
Northeast	3	2	15	7	1	28
Northwest	1	3	10	8	3	25

*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
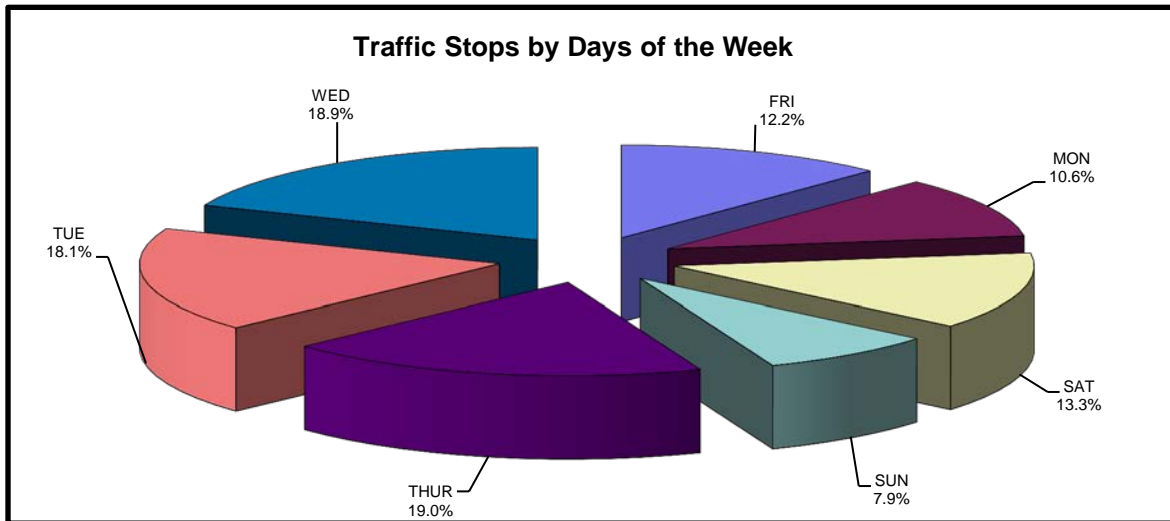
Order by Day of the Week:

Day		Percent
Thursday	-	19.0%
Wednesday	-	18.9%
Tuesday	-	18.1%
Saturday	-	13.3%
Friday	-	12.2%
Monday	-	10.6%
Sunday	-	7.9%

TRAFFIC STOPS BY HOUR OF THE DAY CITY-WIDE

Traffic Stops by Hours of the Day

- 1800-2359 27.0%
- 0000-0559 7.7%
- 0600-1159 30.9%
- 1200-1759 34.4%
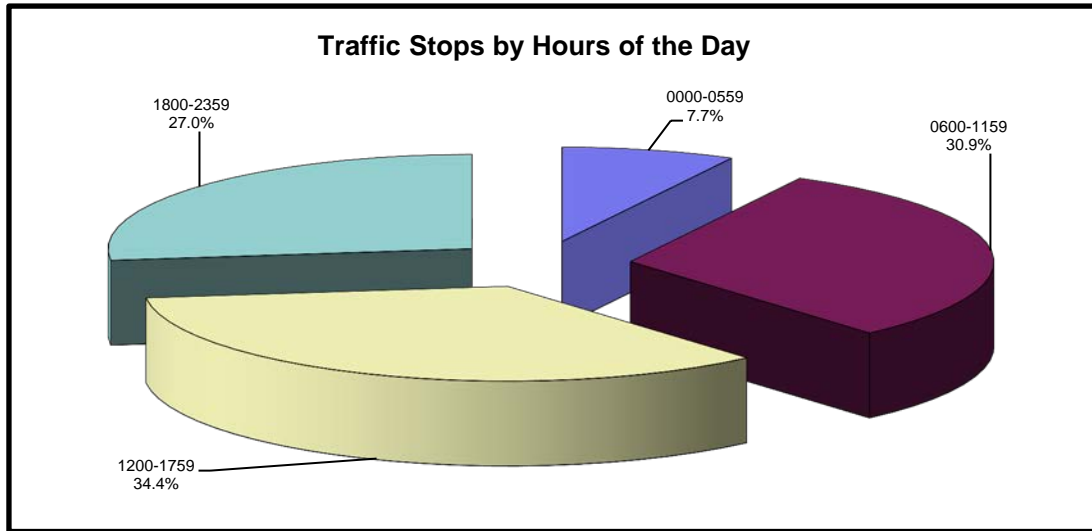
Order by Hours of the Day:

1200 to 1759 hrs	-	34.4%
0600 to 1159 hrs	-	30.9%
1800 to 2359 hrs	-	27.0%
0000 to 0559 hrs	-	7.7%

TRAFFIC STOPS BY AGE AND RACE

Age Group	Asian	Black	Hispanic	White	Other	TOTAL
12-17	12	21	100	47	18	198
18-23	132	365	1516	506	248	2767
24-29	151	483	1416	561	249	2860
30-35	130	316	1094	442	153	2135
36-41	87	199	763	369	139	1557
42-47	53	130	529	307	97	1116
48-53	34	120	405	280	71	910
54-59	27	92	272	274	70	735
60-65	25	88	175	181	47	516
66-71	5	24	84	87	22	222
72-77	6	10	34	46	12	108
78-83	3		11	24	2	40
84-89			3	14	2	19
90-95		3		1	1	5

Of the 13,214 traffic stops, 13,188 electronic reports were received where both the age and race indicator keys were properly entered.

DAILY CRIME BULLETIN (WANTED PERSONS) BY RACE
LISTINGS – 324

DCB by Race

White
16.7%

Other
1.9%

Unknown
1.2%
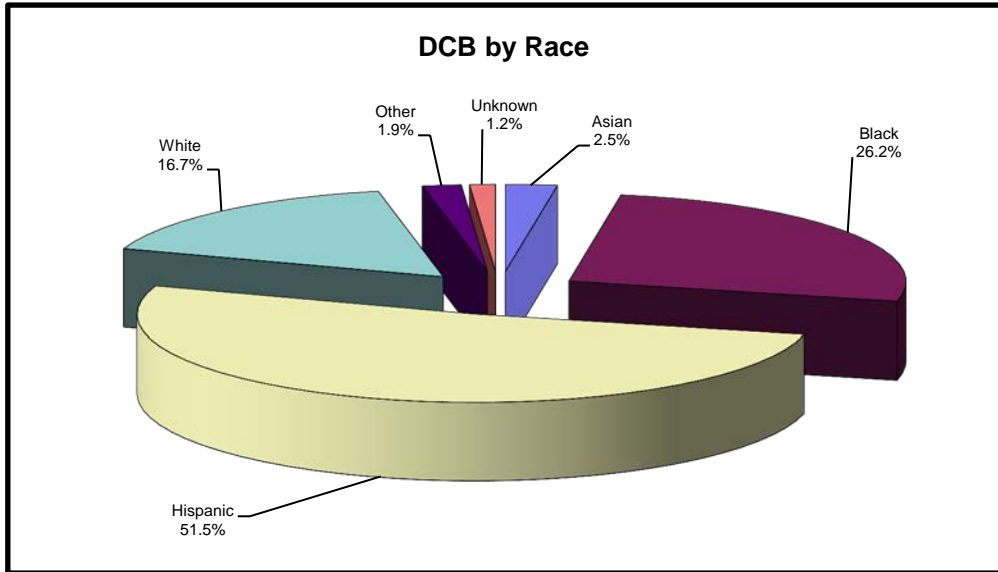
Asian
2.5%

Black
26.2%

Hispanic
51.5%

Order by Race:			
	Hispanic	-	51.5%
	Black	-	26.2%
	White	-	16.7%
	Asian	-	2.5%
	Other	-	1.9%
	Unknown	-	1.2%