DATE: January 16, 2017

TO: JERRY P. DYER
                 Chief of Police

THROUGH: DEPUTY CHIEF ROBERT NEVAREZ
                 Administrative Services Division Commander

                 LIEUTENANT DAVE RAMOS
                 Personnel Bureau Commander

FROM: SERGEANT JENNIFER HORSFORD
                 Audits & Inspections Unit

SUBJECT: 2016 FOURTH QUARTER DEMOGRAPHIC DATA ANALYSIS

The 2016 fourth 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 8,603 traffic stops recorded by the DDC program during the fourth quarter of 2016, 8,600 electronic DDC collection forms were submitted correctly. A review of CAD records for events with the opening class of "3C" revealed there were 7,795 traffic stops during the third quarter of 2015. 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%.

2016 Fourth Quarter Demographic Analysis
January 16, 2017

The percentage of subjects stopped by race is as follows;

- Hispanic 50.0%;
- White 22.4%;
- Black 15.7%;
- Asian 5.3%; and
- Other 6.7%.

The majority of traffic stops were made in the Southwest District (31.1%), followed by Central District (23.0%), Northwest District (20.0%), Northeast District (13.9%), then Southeast District (12.0%). The most frequent reason cited for traffic stops was hazardous moving violations (49.9%), followed by non-hazardous moving violation (24.3%). Less than 1% of the traffic stops are for DCB entries.

There were twelve traffic stops during this quarter where the reason for the stop was the driver was wanted on the Daily Crime Bulletin (DCB) or for a warrant. The demographics for DCB/ wanted subjects were as follows;

- Hispanic 41.7%;
- Black 8.3%;
- White 25.0%;
- Asian 8.3%; and
- Other 16.7%.
-

Approximately 13.8% 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

Fourth Quarter 2016
(October/November/December)
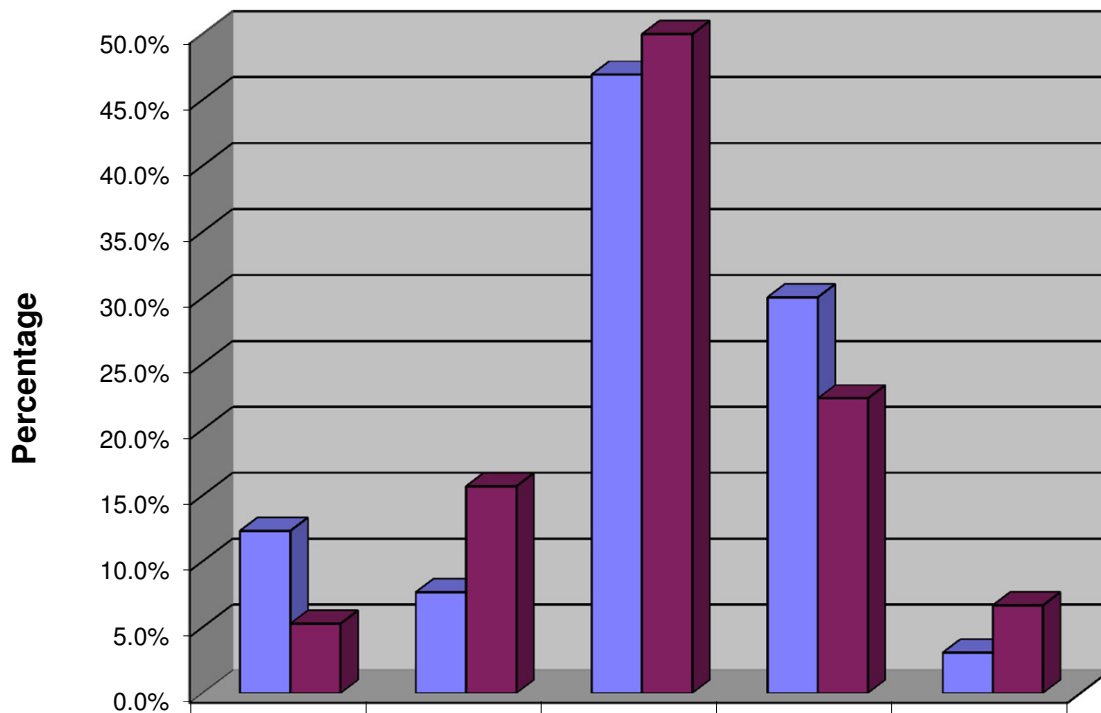
Jerry P. Dyer
Chief of Police

TABLE OF CONTENTS

<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	5.3%	15.7%	50.0%	22.4%	6.7%

TOTAL TRAFFIC STOPS FOURTH QUARTER 2016 – 8,603

TRAFFIC STOPS BY RACE
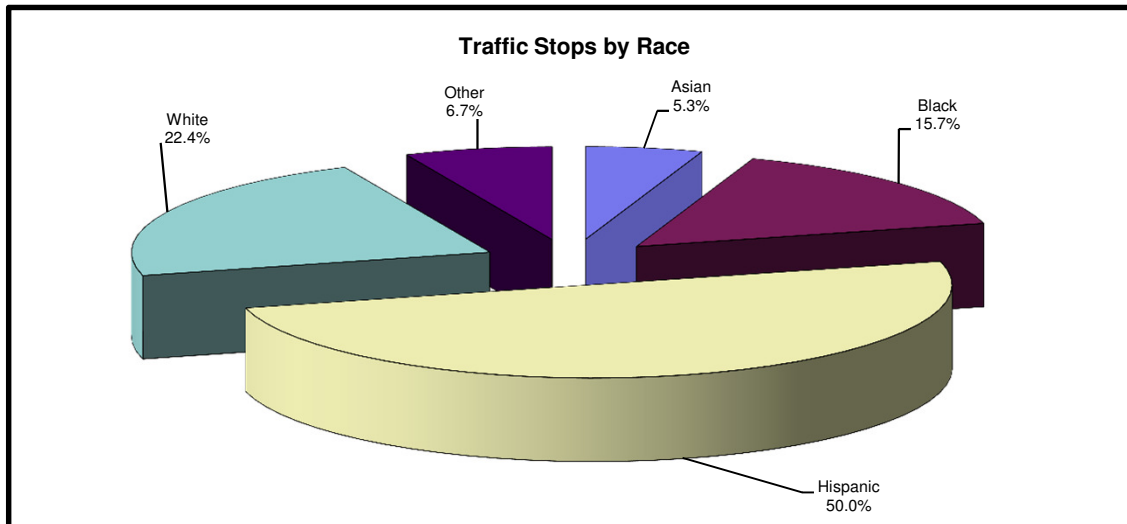
Order by Race:

Race		Percentage
Hispanic	-	50.0%
White	-	22.4%
Black	-	15.7%
Other	-	6.7%
Asian	-	5.3%

TRAFFIC STOPS BY REASON FOR STOP

Reason for Stop	Asian	Black	Hispanic	White	Other	TOTAL
Courtesy Stop - Flagged by Citizen		1	2	1		4
Driver Wanted - Daily Crime Bulletin / Warrant	1	1	5	3	2	12
DUI - Driving Under the Influence	4	14	48	22	2	90
Hazardous Moving Violation	264	494	2,100	1,066	369	4,293
Investigative Stop - Observed Criminal Activity	4	34	60	40	7	145
Non-Hazardous Moving Violation	94	368	1,067	449	112	2,090
Other Motor Vehicle Violation	2	25	90	27	9	153
Seat Belt Violation	4	29	72	20	10	135
Vehicle Equipment Violation	81	384	854	297	62	1,678

Of the 8,603 recorded traffic stops, 8,600 electronic reports were received where both the reason for the stop and race indicator keys were properly entered.
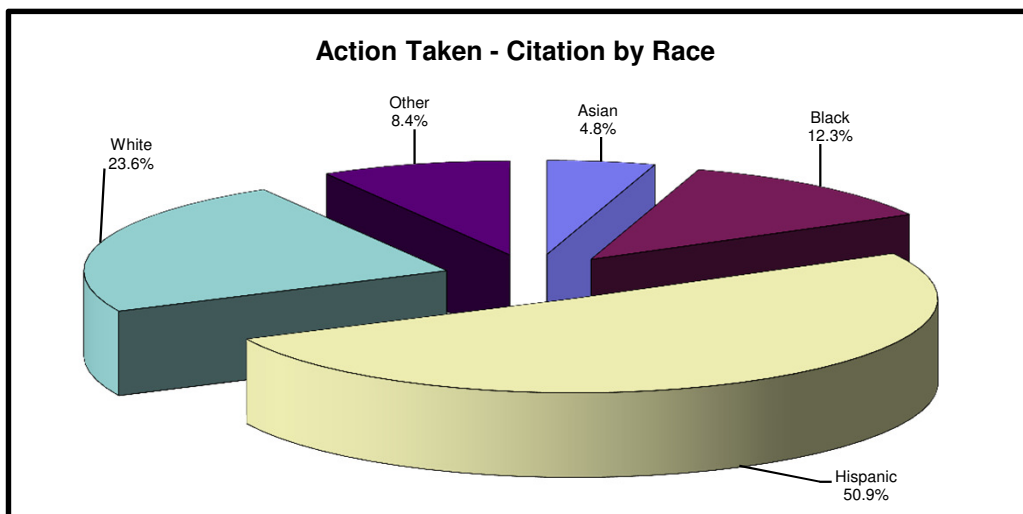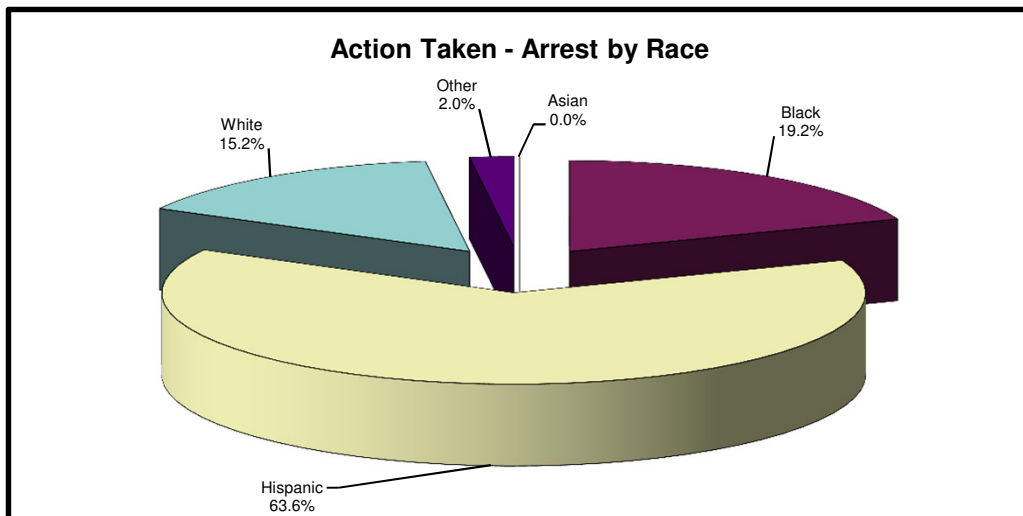
Reason for Traffic Stop

Courtesy Stop - Flagged by Citizen
0.0%

Driver Wanted - Daily Crime Bulletin / Warrant
0.1%

DUI - Driving Under the Influence
1.0%

Vehicle Equipment Violation
19.5%

Hazardous Moving Violation
49.9%

Seat Belt Violation
1.6%

Other Motor Vehicle Violation
1.8%

Non-Hazardous Moving Violation
24.3%

Investigative Stop - Observed Criminal Activity
1.7%
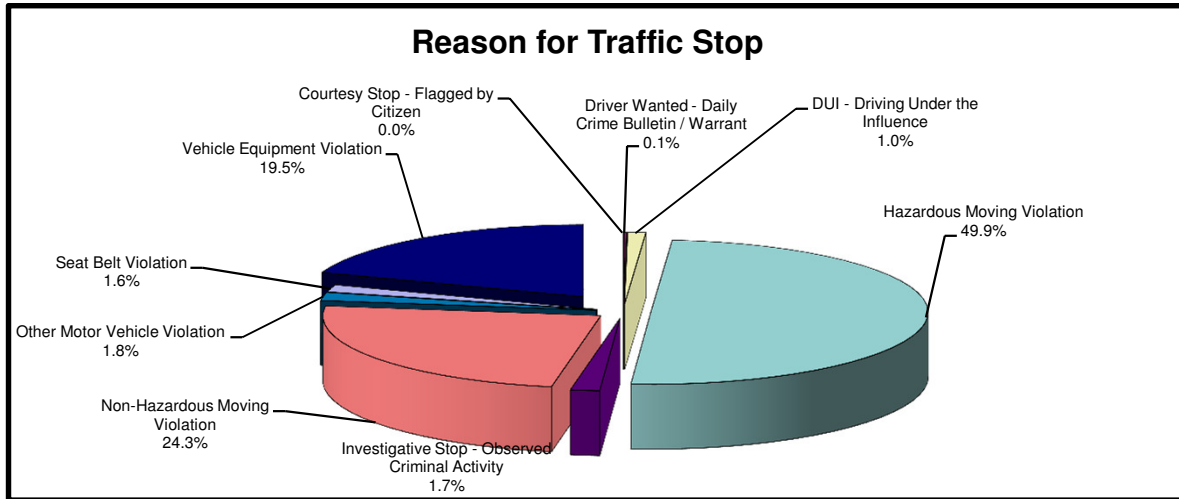
TRAFFIC STOP BY TYPE OF ACTION TAKEN

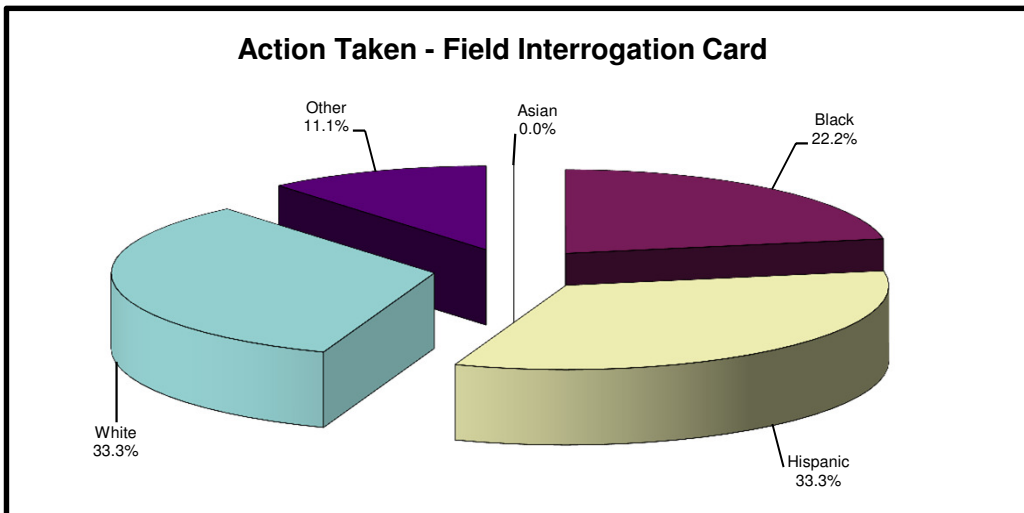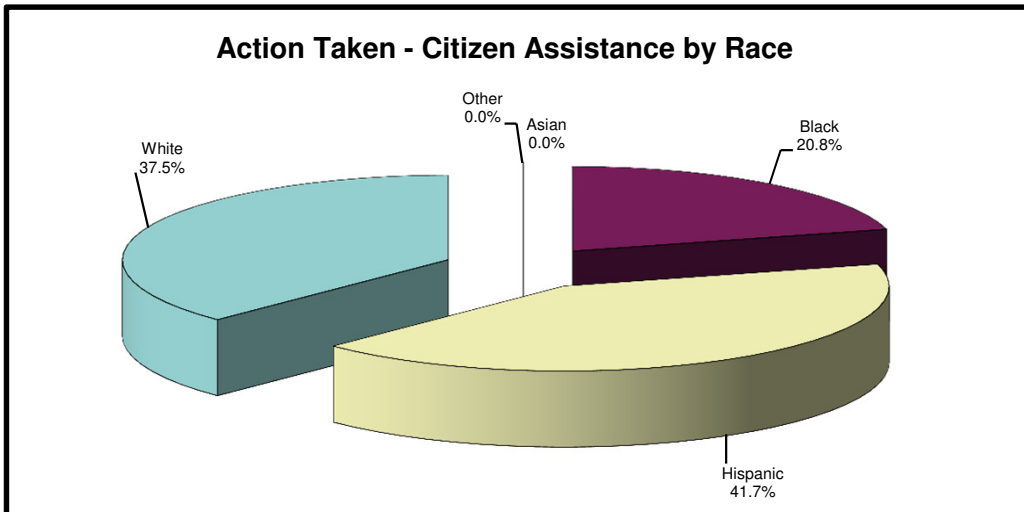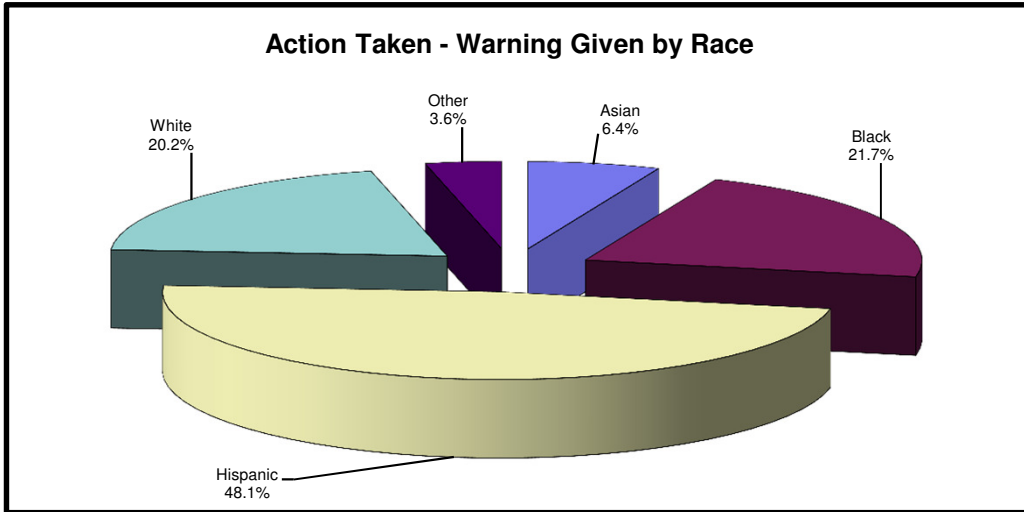| Reason for Stop	Arrest	Citation Issued	Citizen Assistance/ Courtesy	Field Interrogation Card	Warning Given	TOTAL
Courtesy Stop - Flagged by Citizen		1	3			4
Driver Wanted - Daily Crime Bulletin / Warrant		8			4	12
DUI - Driving Under the Influence	4	84	1		1	90
Hazardous Moving Violation	29	3335	10	4	915	4,293
Investigative Stop - Observed Criminal Activity	8	91	6		40	145
Non-Hazardous Moving Violation	29	1043	1	4	1013	2,090
Other Motor Vehicle Violation	1	98			54	153
Seat Belt Violation		122	1		12	135
Vehicle Equipment Violation	28	664	2	1	983	1,678

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

ACTION TAKEN BY RACE

Description	Asian	Black	Hispanic	White	Other	TOTAL
Arrest		19	63	15	2	**99**
Citation Issued	262	668	2,771	1,288	460	**5,449**
Citizen Assistance / Courtesy		5	10	9		**24**
Field Interrogation Card		2	3	3	1	**9**
Warning Given	192	657	1,453	610	110	**3,022**

Of the 8,603 traffic stops, 8,603 electronic reports were received where both the action taken and race indicator keys were properly entered.

Action Taken - Arrest by Race

Other 2.0%
Asian 0.0%
Black 19.2%
White 15.2%
Hispanic 63.6%

Action Taken - Citation by Race

Other 8.4%
Asian 4.8%
Black 12.3%
White 23.6%
Hispanic 50.9%

Action Taken - Warning Given by Race

Action Taken - Citizen Assistance by Race


Action Taken - Field Interrogation Card

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						0
DUI - Driving Under the Influence	3	5	33	17		58
Hazardous Moving Violation	11	59	218	40	10	338
Investigative Stop - Observed Criminal Activity	4	7	22	11		44
Non-Hazardous Moving Violation	5	93	200	62	5	365
Other Motor Vehicle Violation		6	14		1	21
Seat Belt Violation		1	5	1		7
Vehicle Equipment Violation	8	92	192	55	4	351

Of the 8,603 traffic stops, 1,184 electronic reports were received indicating a vehicle was searched.

Vehicles Searched by Race

White 15.7%
Other 1.7%
Asian 2.6%
Black 22.2%
Hispanic 57.8%
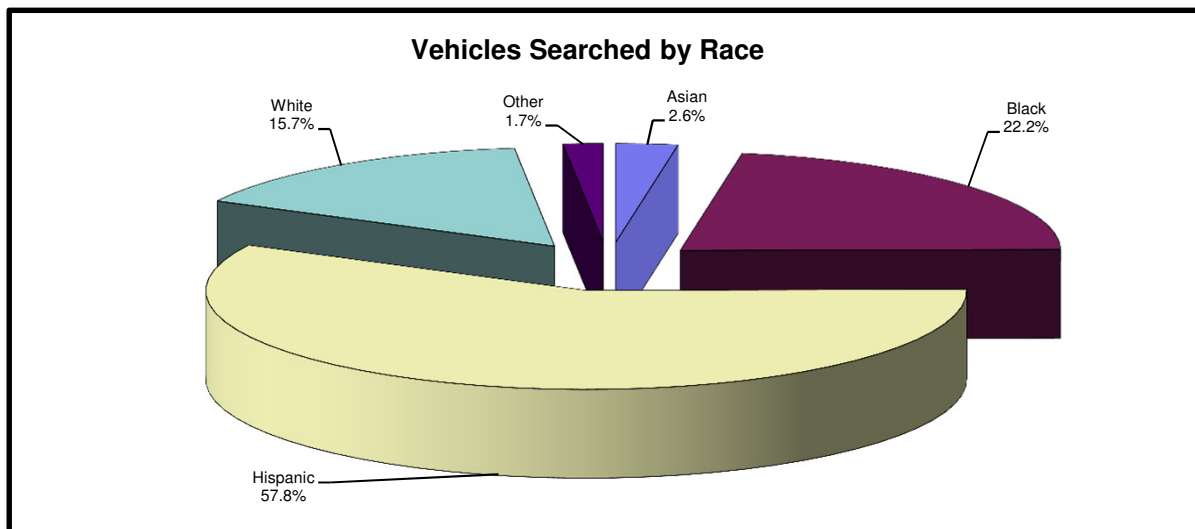
*13.8% of the 8,603 traffic stops resulted in a vehicle search

Order by Race:	Hispanic	-	57.8%
	Black	-	22.2%
	White	-	15.7%
	Asian	-	2.6%
	Other	-	1.7%

CITY-WIDE TRAFFIC STOPS BY DISTRICT/RACE

District	Asian	Black	Hispanic	White	Other	TOTAL
Southwest	52	342	453	101	22	**970**
Central	33	160	364	134	25	**716**
Southeast	36	47	229	51	11	**374**
Northeast	29	46	199	142	18	**434**
Northwest	36	98	281	170	37	**622**

Of the 8,603 recorded traffic stops, there were 3,116 where both the race indicator and district indictor keys were properly entered.

City-Wide Traffic Stops by District

Northwest 20.0%
Northeast 13.9%
Southeast 12.0%
Southwest 31.1%
Central 23.0%
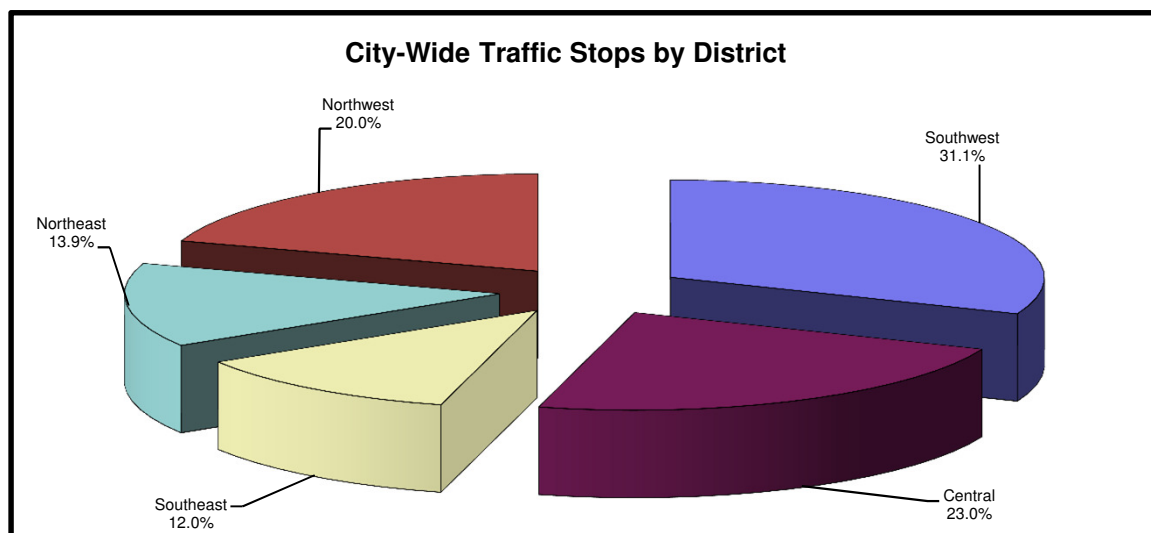
*Statistics reflect traffic stops initiated by both District and Patrol Support Division personnel

Order by District:	Southwest	-	31.1%
	Central	-	23.0%
	Northwest	-	20.0%
	Northeast	-	13.9%
	Southeast	-	12.0%

Southwest District

White 10.4%

Other 2.3%

Asian 5.4%

Black 35.3%

Hispanic 46.7%

Central District

White 18.7%

Other 3.5%

Asian 4.6%

Black 22.3%

Hispanic 50.8%

Southeast District

White 13.6%

Other 2.9%

Asian 9.6%

Black 12.6%

Hispanic 61.2%

Northeast District

White
32.7%

Other
4.1%

Asian
6.7%

Black
10.6%

Hispanic
45.9%

Northwest District

White
18.7%

Other
3.5%

Asian
4.6%

Black
22.3%
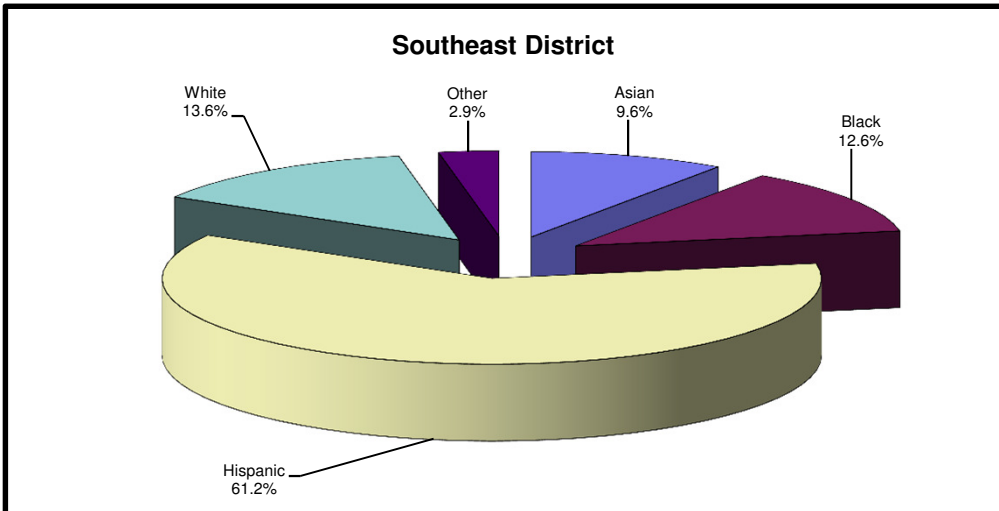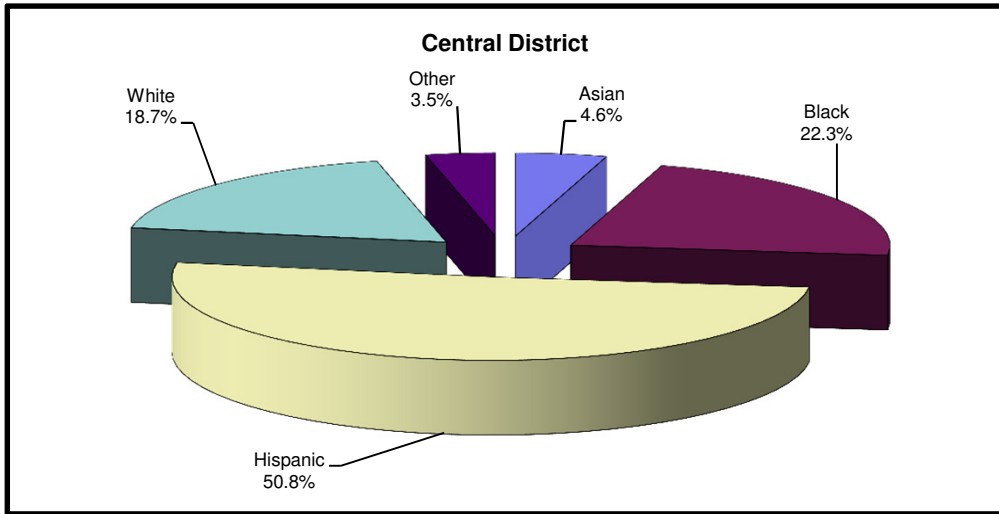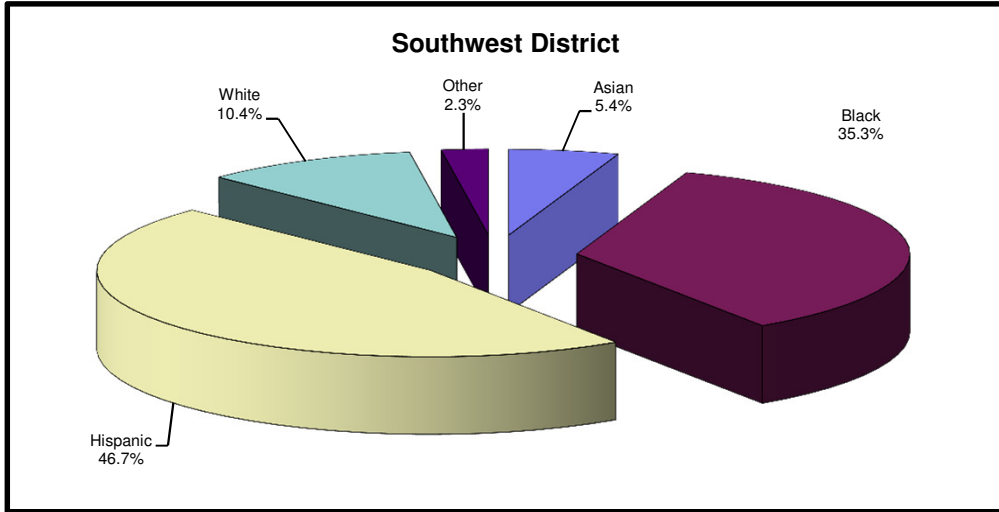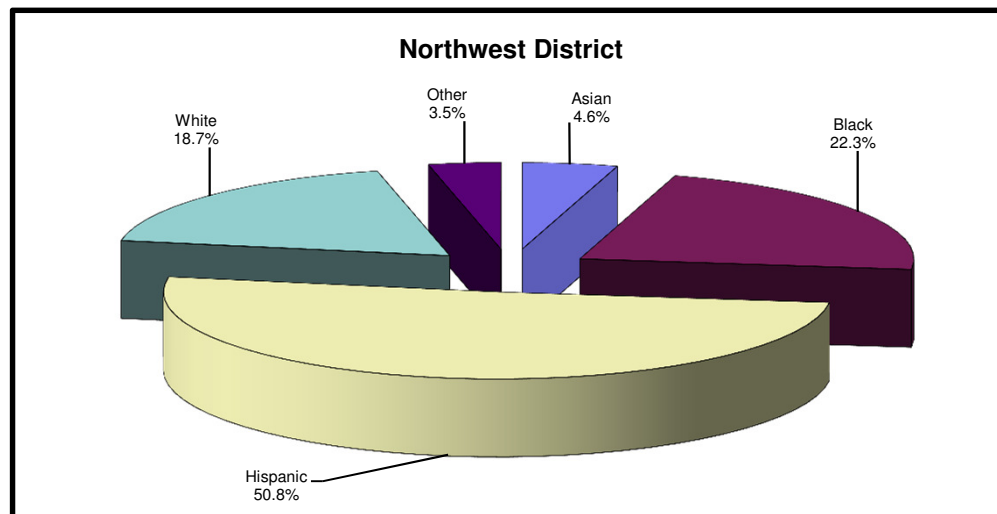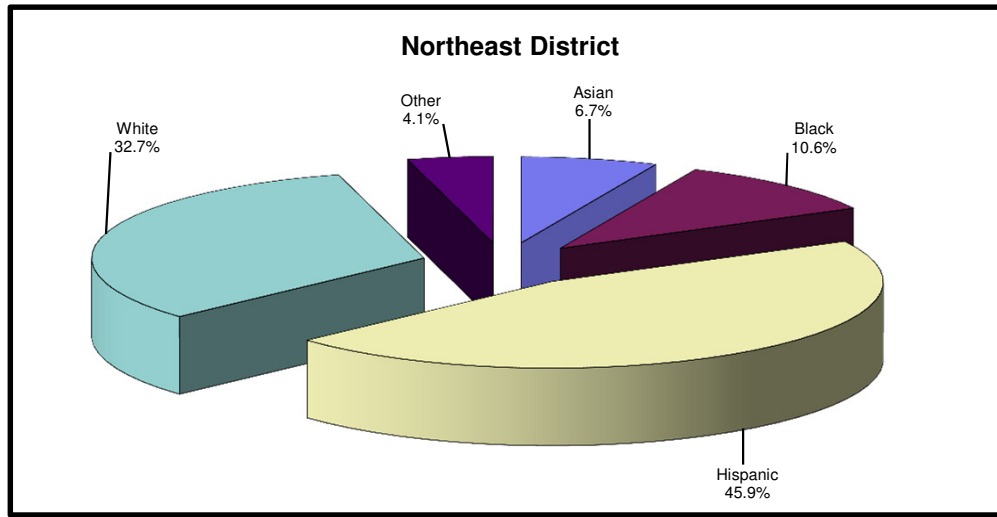
Hispanic
50.8%

TRAFFIC STOPS BY PATROL SUPPORT DIVISION
Total 75 Traffic Stops

District	Asian	Black	Hispanic	White	Other	TOTAL
Southwest		7	11	1	1	20
Central		9	17	2		28
Southeast	3	2	6	1	1	13
Northeast	1	1	4	3		9
Northwest			1	3	1	5

*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
20.9%

FRI
11.0%

MON
14.3%

TUE
20.3%

THUR
14.3%

SUN
7.5%

SAT
11.7%
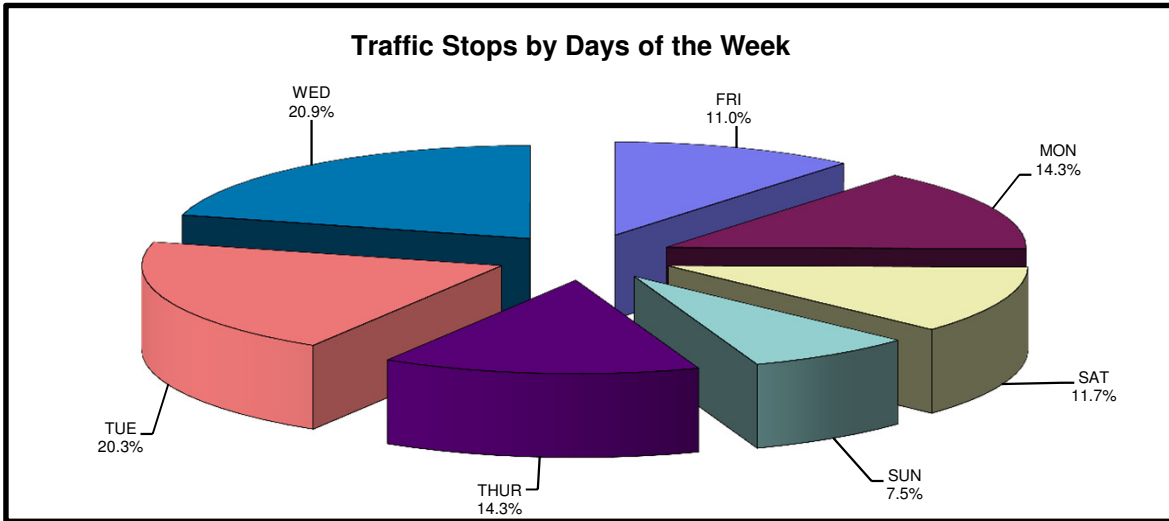
Order by Day of the Week:

Wednesday	-	20.9%
Tuesday	-	20.3%
Monday	-	14.3%
Thursday	-	14.3%
Saturday	-	11.7%
Friday	-	11.0%
Sunday	-	7.5%

TRAFFIC STOPS BY HOUR OF THE DAY CITY-WIDE

Traffic Stops by Hours of the Day

0000-0559
10.3%

0600-1159
32.6%

1800-2359
28.3%

1200-1759
28.8%
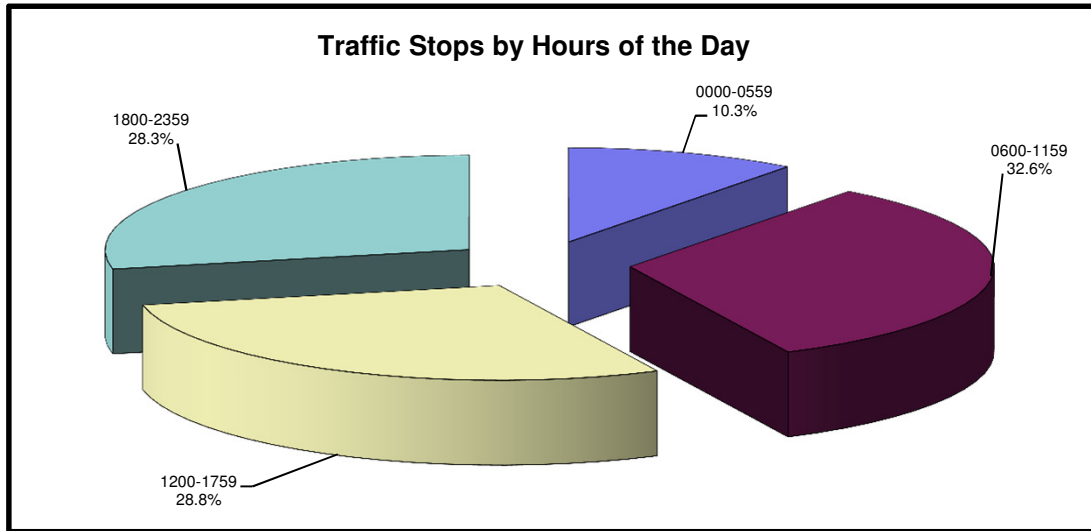
Order by Hours of the Day:

0600 to 1159 hrs	-	32.6%
1200 to 1759 hrs	-	28.8%
1800 to 2359 hrs	-	28.3%
0000 to 0559 hrs	-	10.3%

TRAFFIC STOPS BY AGE AND RACE

Age Group	Asian	Black	Hispanic	White	Other	TOTAL
12-17	9	17	88	40	13	167
18-23	94	276	1008	306	124	1808
24-29	118	309	962	323	118	1830
30-35	82	226	764	296	79	1447
36-41	39	148	463	205	54	909
42-47	35	108	343	178	63	727
48-53	27	95	278	201	41	642
54-59	19	77	199	137	31	463
60-65	20	57	106	122	22	327
66-71	2	20	48	55	14	139
72-77	7	10	19	38	10	84
78-83		4	10	19	3	36
84-89	1		2	1	1	5
90-95	1			2		3

Of the 8,603 traffic stops, 8,587 electronic reports were received where both the age and race indicator keys were properly entered.

DAILY CRIME BULLETIN (WANTED PERSONS) BY RACE
LISTINGS – 272

DCB by Race
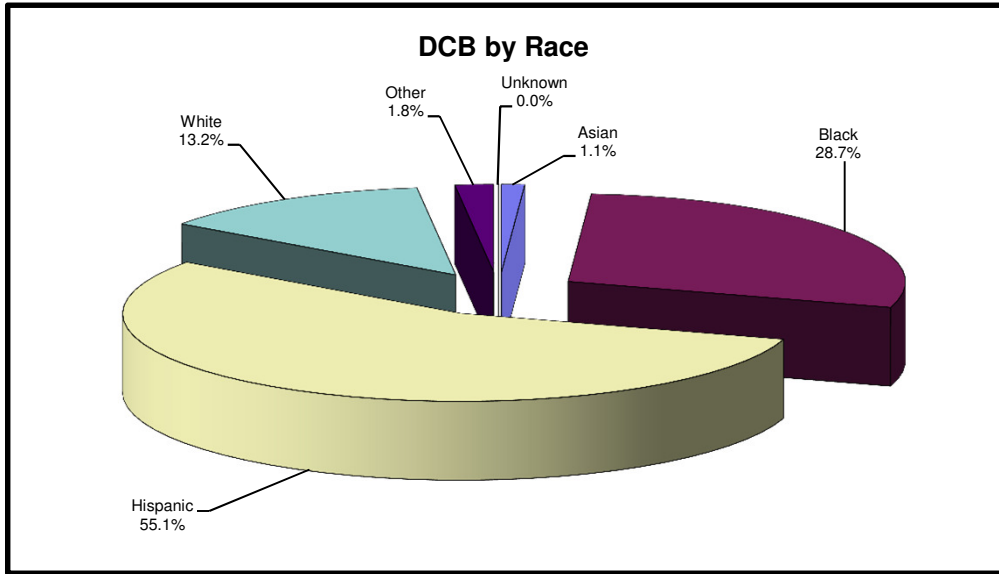
Order by Race:	Hispanic	-	55.1%
	Black	-	28.7%
	White	-	13.2%
	Other	-	1.8%
	Asian	-	1.1%
	Unknown	-	0.0%