

DEMOGRAPHIC CHARACTERISTICS OF DWI OFFENDERS IN TEXAS

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Chapter 1 INTRODUCTION

Driving while intoxicated (DWI) offenders have generally been depicted as young males in terms of both alcohol-involved crashes and DWI arrests. It is assumed that this segment of the population continues to represent a significant portion of the DWI problem, although little information is available with regard to the representation of different ethnic groups among those arrested for DWI or other alcohol-related offenses. Previous studies conducted throughout the United States have revealed higher than expected arrest rates for DWI and public intoxication among various ethnic groups, particularly Hispanics and Blacks. It is of interest to identify those population segments that are overrepresented, but it is perhaps more important to develop appropriate countermeasures once any such disproportionate representation is revealed. In doing so, consideration should be given to the fact that differences in social and cultural norms may influence the relative effectiveness of various strategies to combat the occurrence and magnitude of alcohol-related offenses.

Studies of Alcohol-Related Offenses Among Ethnic Minorities

Numerous studies have examined the representation of various ethnic populations among persons arrested for DWI, although analyses of public intoxication arrests were less frequently reported. Most such studies focused primarily on Hispanics and Blacks while other ethnic groups such as Native Americans and Asians were only occasionally mentioned in the literature.

Using national data provided by the F.B.I., a 1984 study revealed that Hispanics had a higher rate of arrests for alcohol-related offenses than non-Hispanics (Caetano, 1984). Alcohol-related arrests (e.g., driving under the influence, public drunkenness, and liquor law violations) accounted for 43 percent of all arrests among Hispanics at least 18 years of age, while the comparable proportion was only 33 percent for non-Hispanics. When examining arrests per 100,000 population, Hispanics again had higher arrest rates than non-Hispanics for those 18 and over. Specifically, the arrest rate for drunkenness was three and a half times higher and the rate for DUI was two times higher for Hispanics than their non-Hispanic counterparts.

In a separate examination of the F.B.I.'s *Uniform Crime Reports*, Herd (1985) noticed a decline in alcohol-related arrests of Blacks relative to those of whites between 1965 and 1980. In 1965, Blacks accounted for nearly 25 percent of all drunkenness arrests but only 10 percent of the U.S. population. This overrepresentation decreased somewhat over time in that by 1980 Blacks represented approximately 11 percent of the population and only 16 percent of all arrests made for drunkenness. Herd also reported that arrests for driving under the influence (DUI) were higher per 100,000 population for Blacks in 1965 when compared to whites, but by 1980 the proportion of Blacks represented in the DUI arrest population almost equaled their proportion of the U.S. population.

An examination of statewide data for California revealed that Hispanics were overrepresented in both drunk driving and public drunkenness arrests, accounting for 21 percent and 27 percent of the respective arrest populations. At the time, Hispanics made up approximately 16 percent of California's overall population (Engmann, 1976). In the recently published Annual Report of the California DUI Management Information System (State of California Department of Motor Vehicles, 1992), it was determined that Hispanics continued to be overrepresented among those arrested for DUI. This ethnic group accounted for 39.0 percent of the arrestees but only 22.5 percent of California's adult population. All other ethnic populations were found to be underrepresented. The report made no mention of arrest rates for public intoxication.

An early study of DWI arrests in Santa Clara County, California and Columbus, Ohio found overrepresentations of men with Spanish surnames in the California site and Black men in the Ohio study site, respectively (Hyman, 1968). In both cases, those segments of the population were at least twice as likely to be arrested for DWI as were males from other ethnic groups. An overrepresentation of Hispanics was also revealed in an examination of drunkenness arrests in Fresno County, California during 1979 (Speiglman, 1984). Although 60.0 percent of those arrested for drunkenness were Hispanic, only 30.0 percent of the entire Fresno County population consisted of persons of this ethnic group.

Demographic Trends in Texas

In recent decades the State of Texas has changed dramatically in terms of both population size and demographic composition. In 1990 the State's overall population totaled 16,986,510. This figure represents a 19.4 percent increase from the 1980 total (Murdock and Ellis, 1992). Recent population projections indicate that growth will continue. It is estimated that by 2030 the Texas population will have increased by approximately 26.5 percent to over 21 million (Department of Rural Sociology, 1992).

Texas has also experienced rapid growth among its various ethnic populations. Based on 1990 census figures, the 16,986,510 persons residing in the State currently include 10,308,444 (60.7 percent) Anglos, 4,339,900 (25.5 percent) Hispanics, 1,980,693 (11.7 percent) Blacks, and 357,473 (2.1 percent) persons of "Other" ethnic origins (Department of Rural Sociology, 1992). The total population of the State increased by 2.8 million between 1980 and 1990, with 49.1 percent of the growth attributed to the Hispanic population. In comparison, 34.1 percent of the population increase was attributed to the Anglo population, 10.3 percent to the Black population, and 6.5 percent to the "Other" population (Murdock and Ellis, 1992).

Differences in patterns of growth among ethnic groups were also found across counties in Texas. Of the 254 counties in the state, only 24 showed no increase in their Hispanic populations between 1980 and 1990. Forty-eight counties showed an increase of 100 percent or more in their Hispanic populations during the

previous decade, and Hispanics accounted for more than 50 percent of the total population in 32 counties. Harris, Bexar, El Paso, and Dallas Counties had the greatest increases in their Hispanic populations during that time (Murdock and Ellis, 1992).

The total number of Blacks in Texas is increasing, also. However, it should be noted that over half (141) of the 254 counties in the State experienced declines in their Black populations from 1980 to 1990. It appears that the Black population of the current decade is concentrated in large urban counties such as Harris, Dallas, and Tarrant. These three counties experienced the largest numerical growth in their population of Blacks, and along with Fort Bend, Travis, and Bexar Counties accounted for 80 percent of the total increase in the State's Black population from 1980 to 1990 (Murdock and Ellis, 1992).

Population projections reveal that each of the ethnic groups mentioned above will continue to show increases in population in the coming years. Projections indicate that by 2010, for instance, the Hispanic population of Texas will have increased 41.7 percent and will number over six million. It is estimated that the Black population will increase 20.6 percent, while the "Other" and Anglo populations will rise by 25.5 percent and 5.3 percent, respectively. By 2030, Hispanics are still expected to demonstrate the largest growth, with an estimated increase of 79.4 percent from the current population. Increases of 24.2 percent and 29.4 percent are expected for Blacks and persons of "Other" ethnic groups, respectively; however, it is estimated that Anglos will only

increase 2.9 percent above their current population (Department of Rural Sociology, 1992).

Study Scope and Objectives

The changing demographic composition of the State emphasizes the need to identify those segments of the population that are overrepresented in DWI and PI arrests. The identification of specific counties where such overrepresentations occur is needed to enhance countermeasure development and potential effectiveness.

In a previous TTI study, DWI and PI arrest data for a sample of Texas cities were compared to a sample of cities in Arkansas (Windbigler, Brackett, and Pateder, 1989). It was noted that the ratios of DWI and PI arrests in Texas and Arkansas were remarkably different. Additionally, the authors noted that Hispanics were significantly overrepresented among those arrested for DWI and those arrested for PI in Texas while Whites were significantly underrepresented in both populations. No other attempt has yet been made to more thoroughly document the demographic characteristics of the DWI and PI populations in Texas. Therefore, the objective of this study was to identify counties in which there appears to be an overrepresentation of Hispanics and/or Blacks among DWI and PI arrestees.

Chapter 2 METHODOLOGY

DWI and PI Arrest Data

In order to help determine the demographic composition of those arrested for alcohol-related offenses in Texas, data pertaining to the race and ethnicity of DWI and PI arrestees in each county, as well as the State as a whole, were obtained from the Uniform Crime Reporting Section of the Department of Public Safety (DPS). The term DWI is widely used and understood by the general public, but public intoxication (PI) may require some clarification. An individual may be charged with public intoxication

if the individual appears in a public place under the influence of alcohol or any other substance, to the degree that the individual may endanger himself or another (Texas Traffic Laws, 1992).

In an effort to study the overrepresentation of ethnic groups in non-driving, alcohol-related offenses, the authors chose to examine arrests for public intoxication. Previous studies have used other measures such as liquor law violations and alcohol sales, but these types of data were not readily available.

For the purposes of this study, only 1991 arrest data for individuals 18 years and older were requested. The database for the Uniform Crime Reports consists of data submitted by all law enforcement agencies in Texas on standardized data collection forms provided by DPS. However, it should be noted that some counties reported having no DWI or PI arrests in 1991. This may be due to

the fact that no arrests were actually made or, more likely, that the county failed to provide the proper information to DPS.

The arrest data were originally organized in terms of both race and ethnicity. Since only three categories (e.g., White, Black, and Hispanic) were identified for inclusion in the evaluation, certain race and ethnicity classifications had to be combined. As a result, the White category also includes American Indians, Eskimos, Asians, and Pacific Islanders. Additionally, DPS' criteria for classifying a person in the arrest database as Hispanic should be noted. This determination was reportedly based on officer opinion and self-reports by the arrestees. If no other information was available, a person with a Spanish surname was considered to be Hispanic. The authors acknowledge that some individuals may be misclassified as a function of the way the data were recorded and reported.

State and County Census Data

Population estimates for the entire State of Texas and each county were obtained from the State Data Center, Department of Rural Sociology at Texas A&M University. The figures represent the most recent 1991 estimates and, therefore, may differ slightly from those of the 1990 census. The estimates reported herein include only persons 18 years of age and older and consist of totals for the overall population, as well as subtotals by race for Whites, Blacks, Hispanics, and Others. For purposes of this study, the Other and White categories were combined to ensure comparability

between the arrest data and the census data. This group is referred to as Anglo throughout the remainder of the study.

It should be noted that census figures were used in lieu of data on registered drivers. Although a comparison of arrest proportions and licensed driver proportions would be more appropriate, data on registered drivers in each county were not available by ethnicity.

Determination of Overrepresentation

In order to determine which, if any, of the ethnic groups in the evaluation were overrepresented in the DWI and/or PI arrest populations, the difference between the actual and expected number of arrestees in each ethnic group was computed. The expected value represents the number of persons one would expect to be arrested based on the proportion of the ethnic group in the total population and the total number of persons in the arrest population. The expected value was calculated separately for DWI and PI arrests across counties in the following way:

$$\text{EXPECTED NUMBER ARRESTED} = \frac{\text{total number arrested} \times \text{population proportion of ethnic group}}{}$$

For example, if Hispanics accounted for 30 percent of the population and a total of 100 persons were arrested, it would be expected that 30 of the arrestees would be Hispanic. For each ethnic group, the expected number arrested was then subtracted from the actual number of arrestees. An overrepresentation was defined

as occurring when the difference between the two values was positive, (i.e., more persons of the respective ethnic group were found in the arrest population than expected).

When using the difference between the actual and expected values, overrepresentation was expressed in terms of absolute numbers. That is, the difference between the values represents the number of persons by which the ethnic group is overrepresented. This method of evaluation allowed the authors to determine the magnitude of the problem in each county; however, due to variations in population size, the most populous counties tended to demonstrate the greatest overrepresentations. Therefore, in order to provide an additional indication of the extent of the problem, the percent overrepresentation for each county was calculated in the following way:

$$\text{PERCENT OVERREPRESENTATION} = \frac{\text{expected no. arrested} - \text{actual no. arrested}}{\text{expected no. arrested}}$$

For example, when examining Hispanics in the DWI arrest population, the difference between the actual and expected values was 2,249 in Harris County and 160 in Titus County. These figures represent the largest and twelfth largest overrepresentations in the State, respectively. Because only 476 people were arrested for DWI in Titus County, it was not possible for an overrepresentation equivalent to that found in Harris County to occur. However, an evaluation of the percent by which Hispanics in each county were overrepresented revealed that 363.6 percent more Hispanics than

expected were arrested for DWI in Titus County. The comparable figure in Harris County was only 77.5 percent.



Chapter 3

RESULTS

DWI Arrests

Hispanics

The examination of the differences between the actual and expected numbers of arrestees in the DWI population revealed a more widespread overrepresentation problem among Hispanics than among the Black and Anglo populations in the State. This result was consistent with the information presented in the literature. In 220 of the 254 counties in the State, more Hispanics than expected were arrested for DWI (See Appendix A). It is important to realize, however, that although each of these cases may be technically classified as an overrepresentation, the magnitude of the problem varied among the counties. For example, the difference between the expected and actual number of persons arrested for DWI in Harrison County was less than one compared to 2,249 in Harris County. This has important implications when determining where to implement countermeasures to maximize potential effectiveness.

The nine counties with the largest overrepresentations of Hispanics in DWI arrests are shown in Table 1. This table summarizes the differences between the expected and actual values, as well as the percent overrepresentation for each of the above mentioned counties. It should be noted that the counties mentioned earlier as demonstrating the greatest increase in their Hispanic populations between 1980 and 1990 (i.e. Harris, Bexar, Dallas, and

El Paso) were among the five counties identified as having the largest overrepresentation problem.

TABLE 1. DWI OVERREPRESENTATION AMONG HISPANICS

COUNTY	DIFFERENCE BETWEEN EXPECTED AND ACTUAL NUMBER OF ARRESTEES	PERCENT OVERREPRESENTATION
HARRIS	2,249	77.47
BEXAR	1,441	43.46
DALLAS	948	56.66
TRAVIS	928	106.55
EL PASO	719	29.31
HIDALGO	492	15.10
TARRANT	465	76.73
LUBBOCK	434	140.00
TOM GREEN	409	118.21

Blacks

It appears that no statewide overrepresentation problem exists among the Black population in Texas when examining DWI arrests. In fact, Blacks were underrepresented in 135 Texas counties (See Appendix B). In many of the counties, the number of Blacks arrested for DWI closely paralleled the number expected based on the population proportion. Only two counties, Bell and Ellis, had noticeably larger differences (i.e. differences greater than 50) between the actual and expected number of Blacks arrested for DWI (See Table 2).

TABLE 2. DWI OVERREPRESENTATION AMONG BLACKS

COUNTY	DIFFERENCE BETWEEN EXPECTED AND ACTUAL NUMBER OF ARRESTEES	PERCENT OVERREPRESENTATION
BELL	78	30.71
ELLIS	52	83.87

As mentioned earlier, the Black population of the current decade is concentrated in counties with large urban centers such as Harris, Dallas, and Tarrant. Additionally, Fort Bend, Travis, and Bexar Counties were identified as demonstrating significant growth among their Black populations between 1980 and 1990. It is noteworthy, however, that an underrepresentation of Blacks was found in each of these counties' DWI arrest population (See Table 3).

TABLE 3. DWI UNDERREPRESENTATION AMONG BLACKS

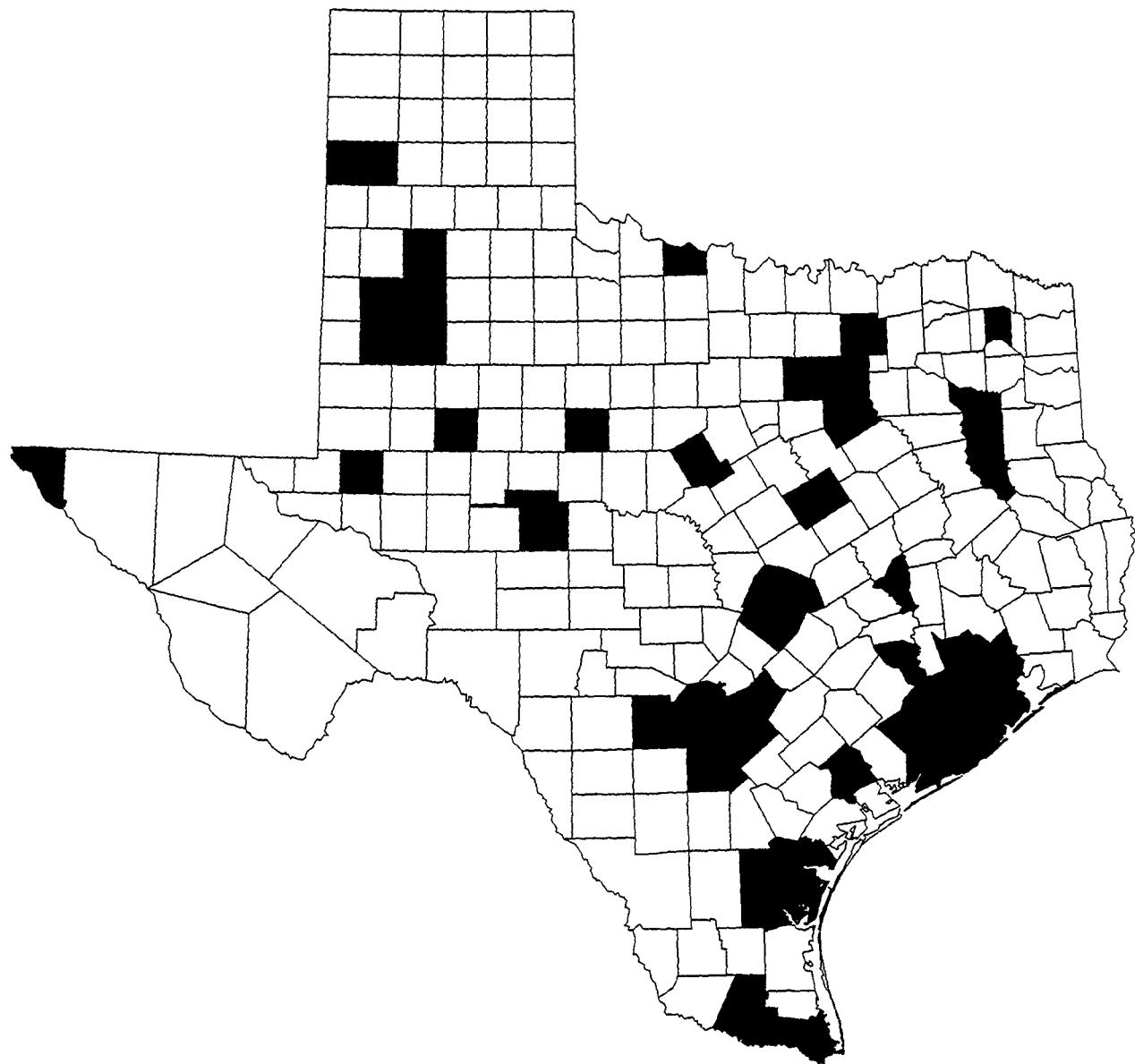
COUNTY	DIFFERENCE BETWEEN EXPECTED AND ACTUAL NUMBER OF ARRESTEES	PERCENT UNDERREPRESENTATION
GALVESTON	-105	-43.93
TRAVIS	-111	-24.83
JEFFERSON	-137	-24.42
TARRANT	-206	-32.70
BEXAR	-279	-57.41
DALLAS	-719	-35.26
HARRIS	-1153	-46.62

Anglos

As expected, Anglos were found to be underrepresented among those arrested for DWI in a majority of the Texas counties (See Appendix C). The underrepresentations appeared to be greatest in counties with large urban areas such as Bexar, Harris, and Travis. Only 26 of the 254 counties were identified as having more Anglos than expected in the DWI arrest population with only Jefferson, Starr, and Coryell Counties demonstrating differences between the actual and expected number of arrestees that were greater than 50.

A geographical distribution of DWI arrest overrepresentations for each ethnic group can be found in Figures 1 - 3. The highlighted counties represent those in which the difference between the actual and expected number of arrestees equalled, or exceeded, 50 individuals. As the maps illustrate, the counties in which noticeably more Hispanics than expected were arrested for DWI greatly outnumber those where noteworthy overrepresentations of Blacks and Anglos were found. Although the overrepresentation of Hispanics did not appear to be confined to any particular area of the State, counties containing or surrounding large metropolitan areas tended to exhibit problems of greater magnitude.

FIGURE 1.
TEXAS COUNTIES IN WHICH THE OVERREPRESENTATION
OF HISPANICS IN DWI ARRESTS EQUALLED OR
EXCEEDED 50



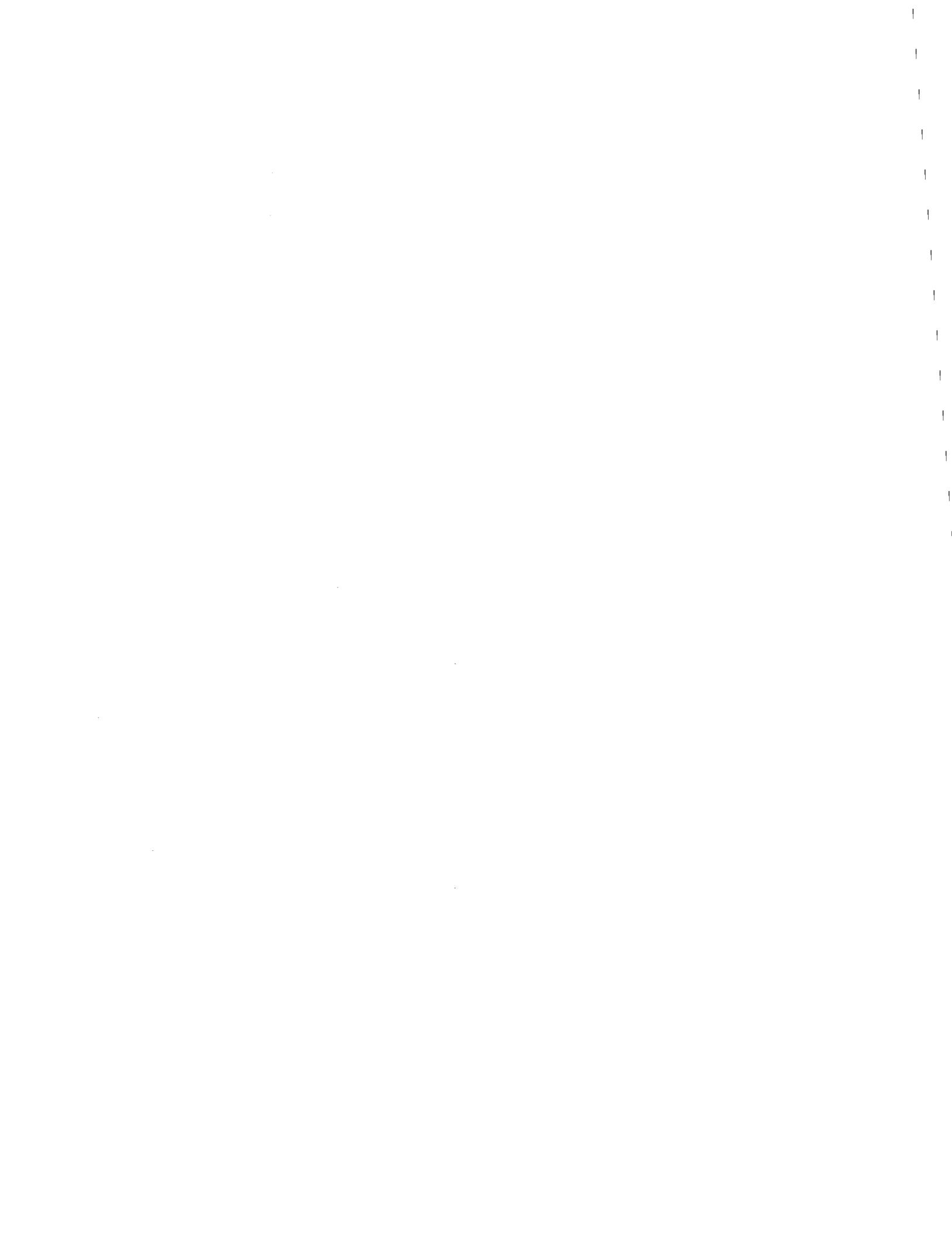


FIGURE 2.
TEXAS COUNTIES IN WHICH THE OVERREPRESENTATION
OF BLACKS IN DWI ARRESTS EQUALLED OR EXCEEDED 50

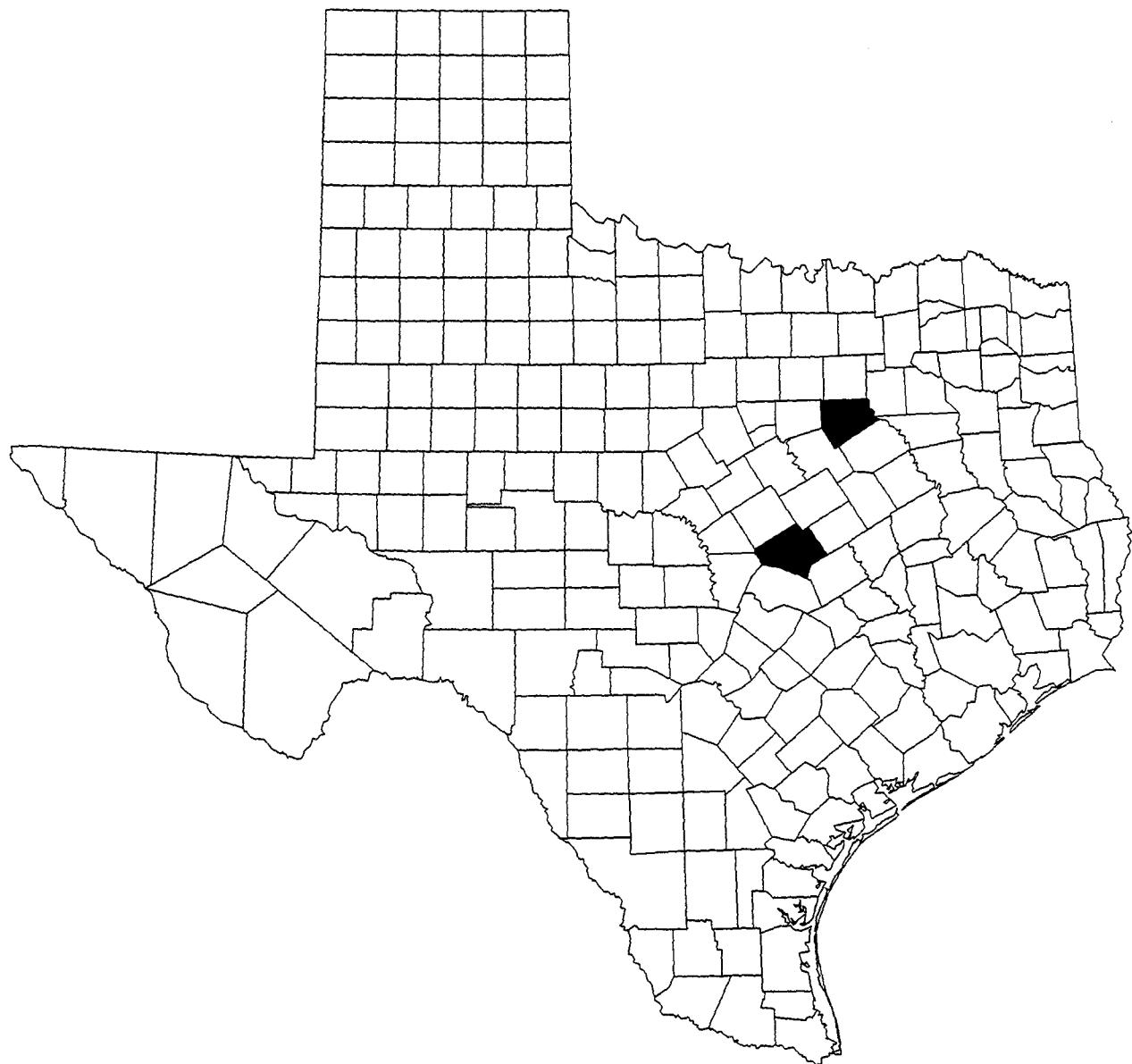
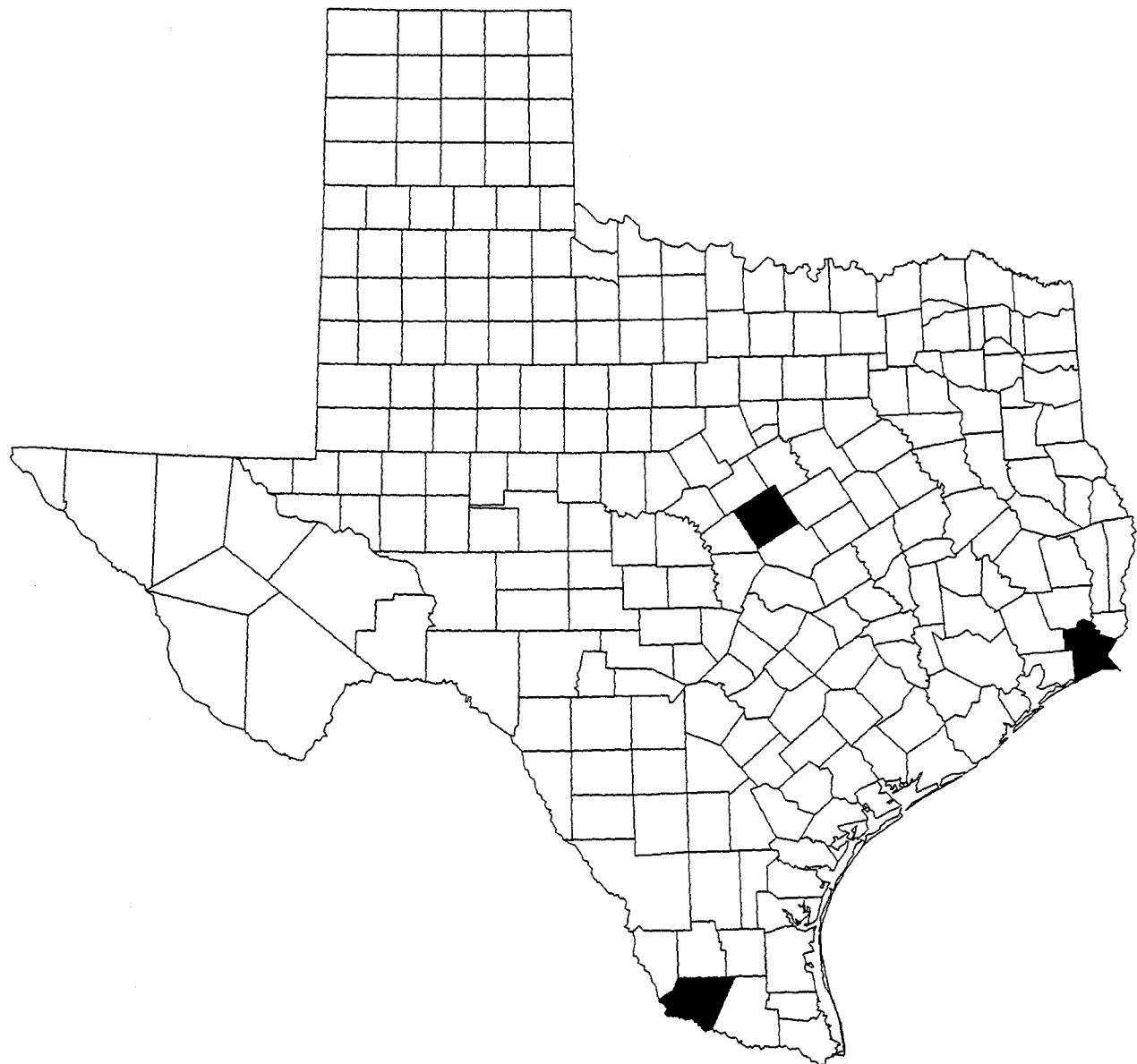




FIGURE 3.
TEXAS COUNTIES IN WHICH THE OVERREPRESENTATION
OF ANGLOS IN DWI ARRESTS EQUALLED OR EXCEEDED 50



PI Arrests

Hispanics

The representation of Hispanics in the PI arrest population closely resembled the ethnic group's representation among persons arrested for DWI. Again, an overrepresentation of Hispanics among those arrested for PI was anticipated based on the information in the reviewed literature. More Hispanics than expected were found among PI arrestees in 220 counties but the magnitude of the overrepresentations varied from county to county (See Appendix D). While these counties differ slightly from the 220 mentioned in the DWI analysis, some consistencies do exist. In both the DWI and PI arrest populations, Harris and Bexar Counties had the largest and second largest differences between the actual and expected number of arrestees, respectively. Additionally, eight of the nine counties identified as having noticeably larger overrepresentations of Hispanics in the DWI arrest population were among the counties found to have the greatest degree of overrepresentation among PI arrestees. The differences between the expected and actual number of arrestees and the differences between the arrest and percent overrepresentations for the ten counties with the largest overrepresentations are shown in Table 4.

Blacks

Unlike their representation in DWI arrests, Blacks were found to be more noticeably overrepresented among persons arrested for PI. Although only two counties were identified as having

differences between the actual and expected number of DWI arrestees that exceeded 50, 23 counties in the PI arrest analysis were found to have overrepresentations of that magnitude (See Appendix E). It

TABLE 4. PI OVERREPRESENTATION AMONG HISPANICS

COUNTY	DIFFERENCE BETWEEN EXPECTED AND ACTUAL NUMBER OF ARRESTEES	PERCENT OVERREPRESENTATION
HARRIS	5,091	79.95
BEXAR	1,782	40.35
HIDALGO	1,175	17.35
DALLAS	1,093	34.26
TRAVIS	1,021	85.87
CAMERON	754	12.55
EL PASO	749	24.18
TARRANT	651	68.96
TOM GREEN	610	150.25
FORT BEND	572	206.50

is important to note that the largest overrepresentations of Blacks in the PI arrest population occurred in counties with large urban centers, specifically Harris and Dallas Counties (See Table 5). This is the exact reverse of the findings in the DWI analysis in which these two counties, and others with large urban areas, demonstrated the greatest underrepresentations of Blacks. However, it should be mentioned that Tarrant and El Paso Counties, which both have large cities within their boundaries, showed relatively

large underrepresentations of Blacks in both the DWI and PI arrest populations.

TABLE 5. PI OVERREPRESENTATIONS AMONG BLACKS

COUNTY	DIFFERENCE BETWEEN EXPECTED AND ACTUAL NUMBER OF ARRESTEES	PERCENT OVERREPRESENTATION
HARRIS	2,173	40.06
DALLAS	1,746	44.91

Anglos

As with DWI arrests, Anglos were generally found to be underrepresented among persons arrested for PI (See Appendix F). Only Starr County showed a noticeable overrepresentation of Anglos in the PI arrest population with the difference between the actual and expected number of arrestees totaling 100. Thirteen additional counties had slightly more Anglos in the arrest population than expected.

Maps illustrating the distribution of PI arrest overrepresentations for each ethnic group can be found in Figures 4-6. The identified counties include only those in which the difference between the actual and expected number of arrestees was greater than, or equal to 50. Similar to the distribution found in the DWI analysis, overrepresentations of this magnitude among Hispanic PI arrestees tended to occur in all areas of the State and were commonly found in counties containing or surrounding large

urban centers. Noticeable overrepresentations were more common among Blacks arrested for PI than among Black DWI arrestees. Overrepresentations of Black PI arrestees were most commonly found in counties located in East, Southeast, and Central Texas; however, problems of the greatest magnitude occurred in counties with large urban centers.

FIGURE 4.
TEXAS COUNTIES IN WHICH THE OVERREPRESENTATION
OF HISPANICS IN PI ARRESTS EQUALLED OR EXCEEDED 50

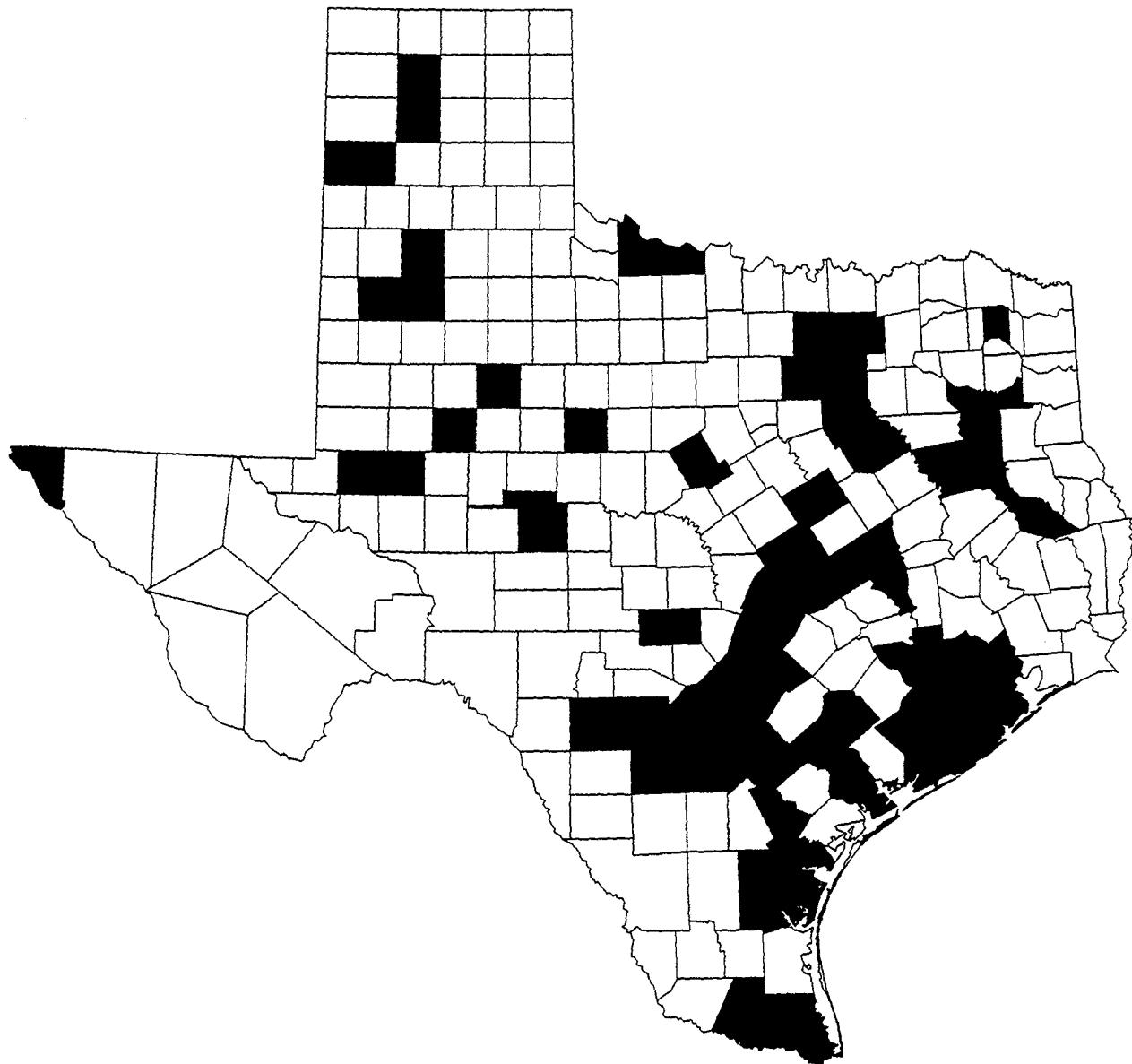




FIGURE 5.
TEXAS COUNTIES IN WHICH THE OVERREPRESENTATION
OF BLACKS IN PI ARRESTS EQUALLED OR EXCEEDED 50

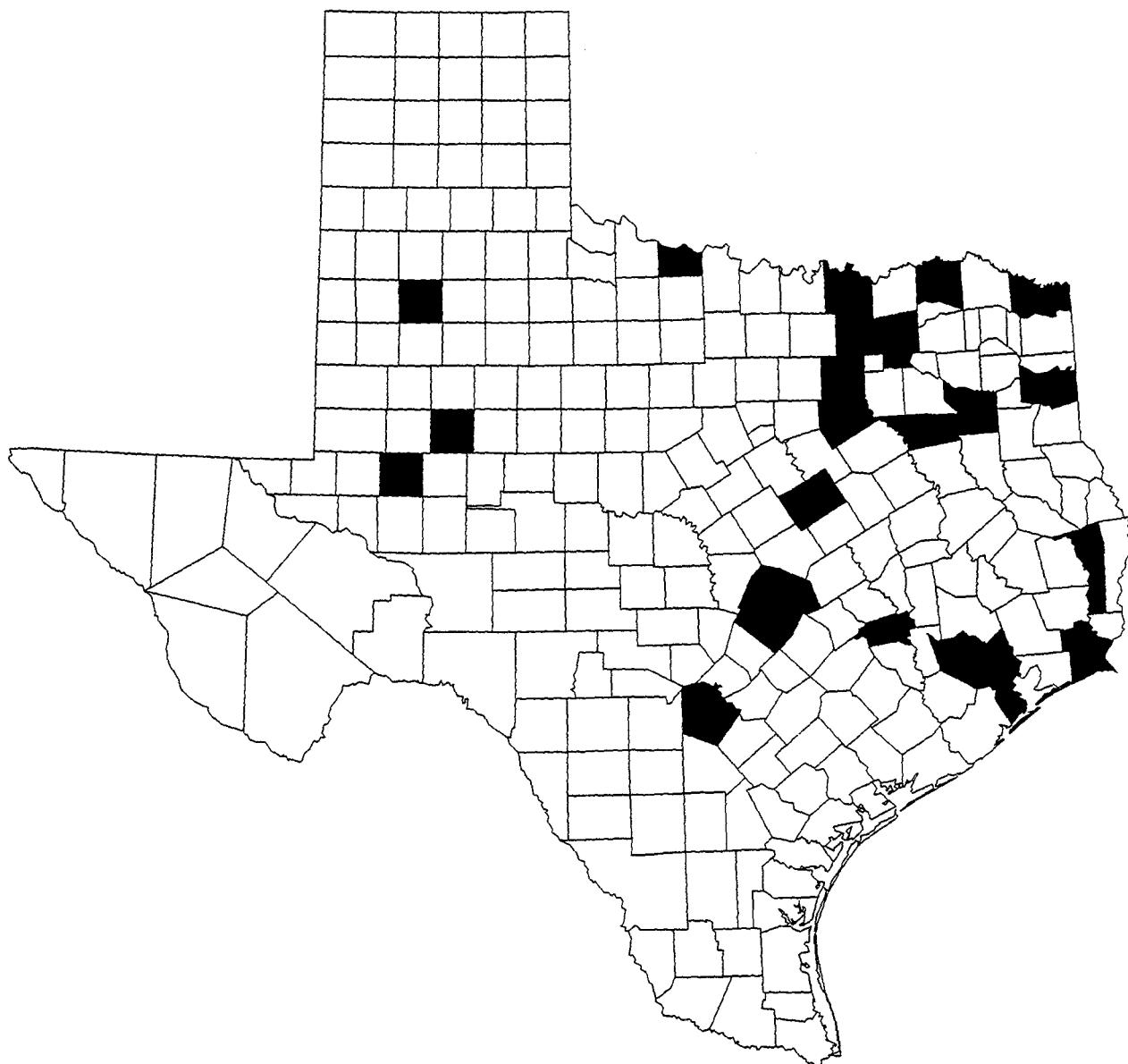
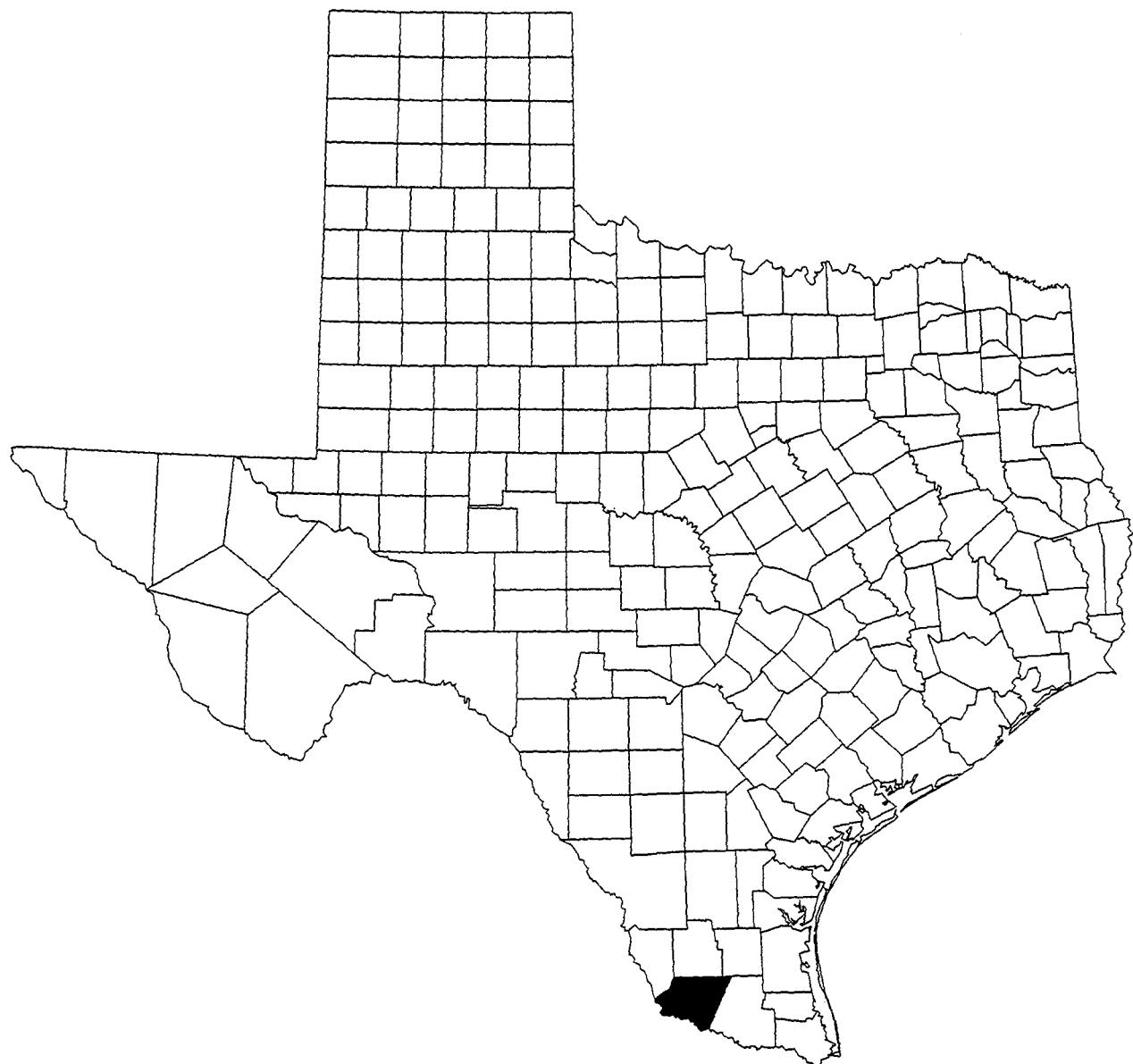


FIGURE 6.
TEXAS COUNTIES IN WHICH THE OVERREPRESENTATION
OF ANGLOS IN PI ARRESTS EQUALLED OR EXCEEDED 50





Chapter 4 CONCLUSIONS

Summary of Findings

The objective of this study was to determine which, if any, ethnic groups in Texas were overrepresented in the DWI and PI arrest populations. The examination of the DWI arrest population revealed an apparent statewide overrepresentation problem among Hispanics. In approximately 87 percent of all Texas counties, more persons of this ethnic group than expected were arrested for DWI; however, the magnitude of overrepresentation varied from less than one to 2,249 individuals. The problem was not so widespread among Blacks, with more than half of the counties in the State exhibiting underrepresentations. These underrepresentations were greatest in counties with large urban areas in their boundaries. Only two counties, Bell and Ellis, demonstrated noticeable overrepresentations of Blacks in DWI arrests. As would be expected, persons classified as Anglo were most often underrepresented in DWI arrests, especially in counties with large urban areas. Overrepresentations of this ethnic group were found in only 26 of the 254 counties but, again, the magnitude varied. Because of the method used to identify overrepresentations of the various ethnic groups, it follows that any overrepresentation found among Hispanics in the arrest population would result in underrepresentations of both Blacks and Anglos.

The counties exhibiting overrepresentations of Hispanics were not located in any particular area of the State; however, counties

containing and surrounding large cities tended to demonstrate problems of greater magnitude. This statewide trend would be even more evident if all counties (as opposed to only those with at least 50 or more arrestees than expected) found to have an overrepresentation of Hispanics among DWI arrestees were depicted on the map in the previous chapter. Thus, public information and education campaigns designed to decrease the occurrence of DWI among Hispanics may be most appropriately implemented on a statewide basis, as opposed to targeting specific counties or regions.

Similar to findings in the DWI analysis, a statewide overrepresentation trend was also identified among Hispanics in the PI arrest population. Overrepresentations, varying from less than one to 5,091, were found in 220 of the State's 254 counties. In addition, Harris and Bexar Counties demonstrated the largest differences between the actual and expected number of Hispanic arrestees in both the DWI and PI arrest populations. The representation of Blacks among PI arrestees differed slightly from their representation in DWI arrests. A more widespread trend of overrepresentation was found among Blacks in the PI arrest population with the largest differences between the number of actual and expected arrestees occurring in counties containing large urban areas such as Harris and Bexar. As with DWI arrests, Anglos were most frequently found to be underrepresented in the PI arrest population. Counties with large cities within their boundaries demonstrated the largest underrepresentations of this

ethnic group.

Overrepresentations of Hispanics in PI arrests tended to occur in all areas of the state, with those of the greatest magnitude occurring in counties containing or surrounding large metropolitan areas. As mentioned earlier, noticeable overrepresentations (i.e., the difference between the expected and actual values equalled or exceeded 50) of Blacks occurred more often in the PI arrest population than in the DWI arrest population. Overrepresentations of this magnitude were commonly found in counties with large cities within their boundaries. Counties located in East, Southeast, and Central Texas tended to demonstrate overrepresentation problems as well. As would be expected, overrepresentations of Anglos in the PI arrest population were not common. Only Starr County demonstrated an overrepresentation of noteworthy magnitude.

Interestingly, an analysis of DWI and ethnicity among accident-involved drivers in the state yielded results consistent with the findings of the DWI arrest population analysis. In general, the overrepresentation of Hispanics in crashes in which alcohol was a contributing factor was more widespread and more extreme than that of Blacks. Appendix I includes an explanation of the procedure used in this analysis, as well as graphical depictions of the results.

Recommendations for Future Study

It should be noted that no attempt was made to investigate factors that may cause members of certain ethnic groups to be more,

or less, likely to be arrested for alcohol-related offenses. There is some evidence that suggests that factors such as drinking patterns, availability of alcohol, and access to an automobile differ among ethnic groups and, as a result, affect their likelihood of arrest. Additionally, differences in enforcement and surveillance have been suggested as reasons for over/under representations of ethnic groups in the DWI and PI arrest populations (Hyman, 1968; Rabow and Watts, 1982; Caetano, 1984). Further investigation of these factors may be beneficial before attempting to develop effective countermeasures that address the representation problems of various ethnic groups in Texas.

REFERENCES

- Caetano, Raul. "A Note on Arrest Statistics for Alcohol-Related Offenses," The Drinking and Drug Practices Surveyor 19, 1984, pp. 12-17.
- Herd, Denise. "The Epidemiology of Drinking Patterns and Alcohol-Related Problems Among U.S. Blacks," National Institute on Alcohol Abuse and Alcoholism Research Monograph 18: Alcohol Use Among U.S. Ethnic Minorities, 1989, pp. 3-50.
- Engmann, D.J., "Alcoholism and Alcohol Abuse Among the Spanish-Speaking Population in California: A Needs and Services Assessment," as cited in Caetano, Raul. "Patterns and Problems of Drinking Among U.S. Hispanics," U.S. Department of Health and Human Services, Report of the Secretary's Task Force on Black and Minority Health, Vol. VII: Chemical Dependency and Diabetes, 1986, pp. 147-162.
- State of California Department of Motor Vehicles. Annual Report of the California DUI Management Information System. Annual Report to the Legislature of the State of California in Accord with Assembly Bill 757 Chapter 450, 1989 Legislative Session, January 1992.
- Hyman, Merton M. "The Social Characteristics of Persons Arrested for Driving While Intoxicated," Quarterly Journal of Studies on Alcohol, Supplement 4, 1968, pp. 139-177.
- Speigelman, Richard. "Arrests for Public Drunkenness in Fresno: Issues of Ethnicity," Alcohol Research Group, Medical Research Institute of San Francisco, March 1984.
- Murdock, Steve H. and David R. Ellis. "Patterns of Ethnic Change in Texas 1980 to 1990: The 1990 Census," Vol. I, Department of Rural Sociology, Texas Agricultural Experiment Station, Texas A&M University System, February 1992.
- "Projections of the Population of Texas and Counties in Texas by Age, Sex, and Race/Ethnicity for 1990-2030," Department of Rural Sociology, Texas Agricultural Experiment Station, Texas A&M University, February 1992.
- Texas Traffic Laws 1991-1992, Texas Department of Public Safety, 1992.
- Rabow, Jerome and Ronald K. Watts. "Alcohol Availability, Alcoholic Beverage Sales and Alcohol-Related Problems," Journal of Studies on Alcohol 43 No. 7, July 1982.

Appendix A
**Numeric and Graphic Display of Hispanic Over/Under
Representation in DWI Arrests by County**

Hispanic Over/Under Representation in DWI Arrests by County

County	# Hispanics Arrested for DWI	Total # Arrested for DWI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
HARRIS	5,152	13,931	20.84	2,903	2,249	77.47
BEXAR	4,757	7,203	46.04	3,316	1,441	43.46
DALLAS	2,621	11,265	14.85	1,673	948	56.66
TRAVIS	1,797	4,608	18.87	870	927	106.55
EL_PASO	3,172	3,701	66.28	2,453	719	29.31
HIDALGO	3,751	3,993	81.61	3,259	492	15.10
TARRANT	1,071	5,792	10.47	606	465	76.73
LUBBOCK	744	1,599	19.40	310	434	140.00
TOM_GREEN	755	1,530	22.60	346	409	118.21
NUECES	1,376	2,332	48.66	1,135	241	21.23
TAYLOR	391	1,355	12.33	167	224	134.13
TITUS	204	476	9.23	44	160	363.64
SAN_PATRICIO	505	748	47.08	352	153	43.47
HOCKLEY	293	531	27.00	143	150	104.90
MCLENNAN	256	1,081	10.46	113	143	126.55
GALVESTON	331	1,496	12.91	193	138	71.50
JIM_WELLS	708	821	69.63	572	136	23.78
ECTOR	405	1,035	26.46	274	131	47.81
WHARTON	212	366	22.50	82	130	158.54
CAMERON	1,328	1,549	77.87	1,206	122	10.12
DEAF_SMITH	248	291	43.15	126	122	96.83
ELLIS	200	682	11.37	78	122	156.41
HALE	233	331	35.68	118	115	97.46
FORT_BEND	232	680	18.23	124	108	87.10
VICTORIA	243	438	30.80	135	108	80.00
BRAZORIA	323	1,378	15.85	218	105	48.17
BRAZOS	167	679	11.99	81	86	106.17
COLLIN	126	774	6.24	48	78	162.50
TERRY	209	394	33.56	132	77	58.33
GUADALUPE	154	316	26.19	83	71	85.54
KLEBERG	271	347	58.00	201	70	34.83
CHEROKEE	96	492	5.89	29	67	231.03
MEDINA	149	209	40.73	85	64	75.29
WICHITA	125	832	7.31	61	64	104.92
SMITH	121	1,169	4.99	58	63	108.62
COMANCHE	79	144	13.45	19	60	315.79
HOWARD	111	219	23.63	52	59	113.46
WILSON	125	202	32.73	66	59	89.39
AUSTIN	76	245	8.72	21	55	261.90
LYNN	121	180	37.13	67	54	80.60
MATAGORDA	164	515	21.55	111	53	47.75
ATASCOSA	180	266	48.60	129	51	39.53
WILLIAMSON	149	769	12.77	98	51	52.04
WARD	131	258	32.71	84	47	55.95
BAILEY	79	104	33.13	34	45	132.35
KENDALL	68	181	13.75	25	43	172.00
DAWSON	80	105	36.85	39	41	105.13
LAMB	94	181	30.74	56	38	67.86
NAVARRO	66	433	6.39	28	38	135.71

Hispanic Over/Under Representation in DWI Arrests by County

County	# Hispanics Arrested for DWI	Total # Arrested for DWI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
WILBARGER	61	197	11.64	23	38	165.22
DENTON	111	1,171	6.33	74	37	50.00
HAYS	106	279	24.88	69	37	53.62
SWISHER	69	130	25.17	33	36	109.09
CALDWELL	92	167	33.94	57	35	61.40
JOHNSON	67	479	6.78	32	35	109.38
BEE	111	162	47.65	77	34	44.16
FAYETTE	50	224	7.31	16	34	212.50
GILLESPIE	44	91	11.17	10	34	340.00
LEE	46	155	8.63	13	33	253.85
PECOS	104	136	52.54	71	33	46.48
ANDREWS	70	142	26.57	38	32	84.21
GAINES	62	106	28.95	31	31	100.00
SCURRY	66	173	20.38	35	31	88.57
UVALDE	139	193	56.04	108	31	28.70
BLANCO	38	71	11.40	8	30	375.00
LIVE_OAK	57	88	30.89	27	30	111.11
POTTER	118	543	16.35	89	29	32.58
RANDALL	52	384	6.03	23	29	126.09
REFUGIO	70	114	37.71	43	27	62.79
CASTRO	46	49	39.91	20	26	130.00
BELL	203	1,514	11.73	178	25	14.04
LAVACA	33	112	7.57	8	25	312.50
WEBB	516	527	93.08	491	25	5.09
BROWN	41	184	9.00	17	24	141.18
FLOYD	45	64	33.00	21	24	114.29
JACKSON	42	93	19.11	18	24	133.33
PARMER	47	64	35.52	23	24	104.35
GOLIAD	52	87	33.08	29	23	79.31
KAUFMAN	52	539	5.42	29	23	79.31
MITCHELL	54	119	25.80	31	23	74.19
NOLAN	55	146	21.72	32	23	71.88
YOKUM	52	92	32.02	29	23	79.31
ANGELINA	38	232	7.08	16	22	137.50
CROSBY	49	73	36.31	27	22	81.48
GONZALES	57	113	31.10	35	22	62.86
REEVES	93	104	68.57	71	22	30.99
ROBERTSON	37	140	10.36	15	22	146.67
BURNET	34	153	8.28	13	21	161.54
FREESTONE	27	186	3.24	6	21	350.00
JONES	41	140	14.08	20	21	105.00
MADISON	37	144	10.87	16	21	131.25
WALLER	35	151	8.98	14	21	150.00
COLEMAN	34	147	9.62	14	20	142.86
IRION	35	70	22.07	15	20	133.33
UPTON	35	47	32.95	15	20	133.33
ZAPATA	97	101	76.27	77	20	25.97
CRANE	35	54	29.08	16	19	118.75
ERATH	38	277	7.13	20	18	90.00

Hispanic Over/Under Representation in DWI Arrests by County

County	# Hispanics Arrested for DWI	Total # Arrested for DWI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
KARNES	43	60	42.45	25	18	72.00
LIBERTY	34	339	4.79	16	18	112.50
RUNNELS	35	81	20.76	17	18	105.88
CALHOUN	62	139	32.64	45	17	37.78
HAMILTON	22	130	3.82	5	17	340.00
HOOD	29	318	3.80	12	17	141.67
MASON	24	44	16.18	7	17	242.86
MCCULLOUGH	44	121	22.69	27	17	62.96
PALO_PINTO	40	299	7.66	23	17	73.91
ARANSAS	33	100	16.94	17	16	94.12
COCHRAN	30	39	36.61	14	16	114.29
COMAL	82	334	19.70	66	16	24.24
HILL	23	102	6.82	7	16	228.57
MONTGOMERY	42	412	6.42	26	16	61.54
NACOGDOCHES	27	247	4.39	11	16	145.45
OCHILTREE	33	110	15.20	17	16	94.12
WASHINGTON	24	200	3.76	8	16	200.00
GRIMES	32	133	12.62	17	15	88.24
HASKELL	24	57	15.69	9	15	166.67
MILLS	18	38	8.26	3	15	500.00
SCHLEICHER	27	37	31.16	12	15	125.00
HUTCHINSON	35	263	8.09	21	14	66.67
LEON	20	168	3.35	6	14	233.33
MILAM	25	89	12.77	11	14	127.27
SHELBY	17	133	2.15	3	14	466.67
DEWITT	30	78	21.42	17	13	76.47
EASTLAND	26	220	6.03	13	13	100.00
GRAYSON	25	504	2.45	12	13	108.33
MOORE	29	59	27.03	16	13	81.25
SHERMAN	22	54	15.89	9	13	144.44
WOOD	18	217	2.25	5	13	260.00
JACK	15	124	2.42	3	12	400.00
WILLACY	78	82	81.07	66	12	18.18
CAMP	13	52	4.34	2	11	550.00
GREGG	20	298	3.00	9	11	122.22
KERR	39	199	13.86	28	11	39.29
LLANO	13	58	3.07	2	11	550.00
PARKER	14	78	3.57	3	11	366.67
REAGAN	28	45	37.65	17	11	64.71
ROCKWALL	24	246	5.16	13	11	84.62
SAN_SABA	18	44	16.09	7	11	157.14
BANDERA	18	85	9.73	8	10	125.00
BASTROP	54	278	15.75	44	10	22.73
COLLINGSWORTH	16	48	12.12	6	10	166.67
COLORADO	25	110	13.32	15	10	66.67
GRAY	26	269	5.99	16	10	62.50
HOPKINS	20	238	4.25	10	10	100.00
LAMPASAS	22	111	11.05	12	10	83.33
LA_SALLE	51	55	74.51	41	10	24.39

Hispanic Over/Under Representation in DWI Arrests by County

County	# Hispanics Arrested for DWI	Total # Arrested for DWI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
BREWSTER	22	33	38.99	13	9	69.23
HALL	23	96	14.10	14	9	64.29
HOUSTON	14	127	4.30	5	9	180.00
KINNEY	29	42	46.57	20	9	45.00
BROOKS	127	135	87.90	119	8	6.72
OLDHAM	12	59	7.02	4	8	200.00
RUSK	13	152	3.33	5	8	160.00
VAL_VERDE	162	232	66.41	154	8	5.19
CALLAHAN	10	83	3.47	3	7	233.33
CARSON	11	97	4.26	4	7	175.00
COKE	10	32	9.90	3	7	233.33
COOKE	14	201	3.52	7	7	100.00
COTTE	9	18	11.98	2	7	350.00
FISHER	11	22	17.83	4	7	175.00
GARZA	18	44	23.90	11	7	63.64
MAVERICK	117	119	92.28	110	7	6.36
WALKER	23	156	10.46	16	7	43.75
WINKLER	36	93	31.21	29	7	24.14
CROCKETT	22	36	45.46	16	6	37.50
DALLAM	33	147	18.36	27	6	22.22
DICKENS	10	27	15.50	4	6	150.00
DUVAL	118	130	85.80	112	6	5.36
HANSFORD	8	14	16.86	2	6	300.00
KIMBLE	13	47	15.88	7	6	85.71
MENARD	14	29	27.81	8	6	75.00
NEWTON	7	127	1.08	1	6	600.00
STONEWALL	9	27	9.72	3	6	200.00
CONCHO	18	34	37.68	13	5	38.46
FRANKLIN	7	59	3.82	2	5	250.00
HARDEMAN	11	74	8.20	6	5	83.33
HEMPHILL	7	28	8.37	2	5	250.00
MONTAGUE	10	206	2.28	5	5	100.00
PANOLA	6	62	1.80	1	5	500.00
RED_RIVER	6	104	1.44	1	5	500.00
SAN_AUGUSTINE	6	57	1.41	1	5	500.00
SAN_JACINTO	9	188	2.21	4	5	125.00
UPSHUR	6	57	1.65	1	5	500.00
BOSQUE	9	70	7.28	5	4	80.00
REAL	8	20	21.38	4	4	100.00
ZAVALA	32	32	86.27	28	4	14.29
BURLESON	9	61	10.34	6	3	50.00
EDWARDS	10	16	45.83	7	3	42.86
HUNT	18	391	3.91	15	3	20.00
SHACKELFORD	4	23	6.11	1	3	300.00
TERRELL	23	40	50.00	20	3	15.00
TYLER	5	167	0.98	2	3	150.00
VAN_ZANDT	11	241	3.39	8	3	37.50
CLAY	4	105	2.03	2	2	100.00
DELTA	2	43	1.12	0	2	0.00

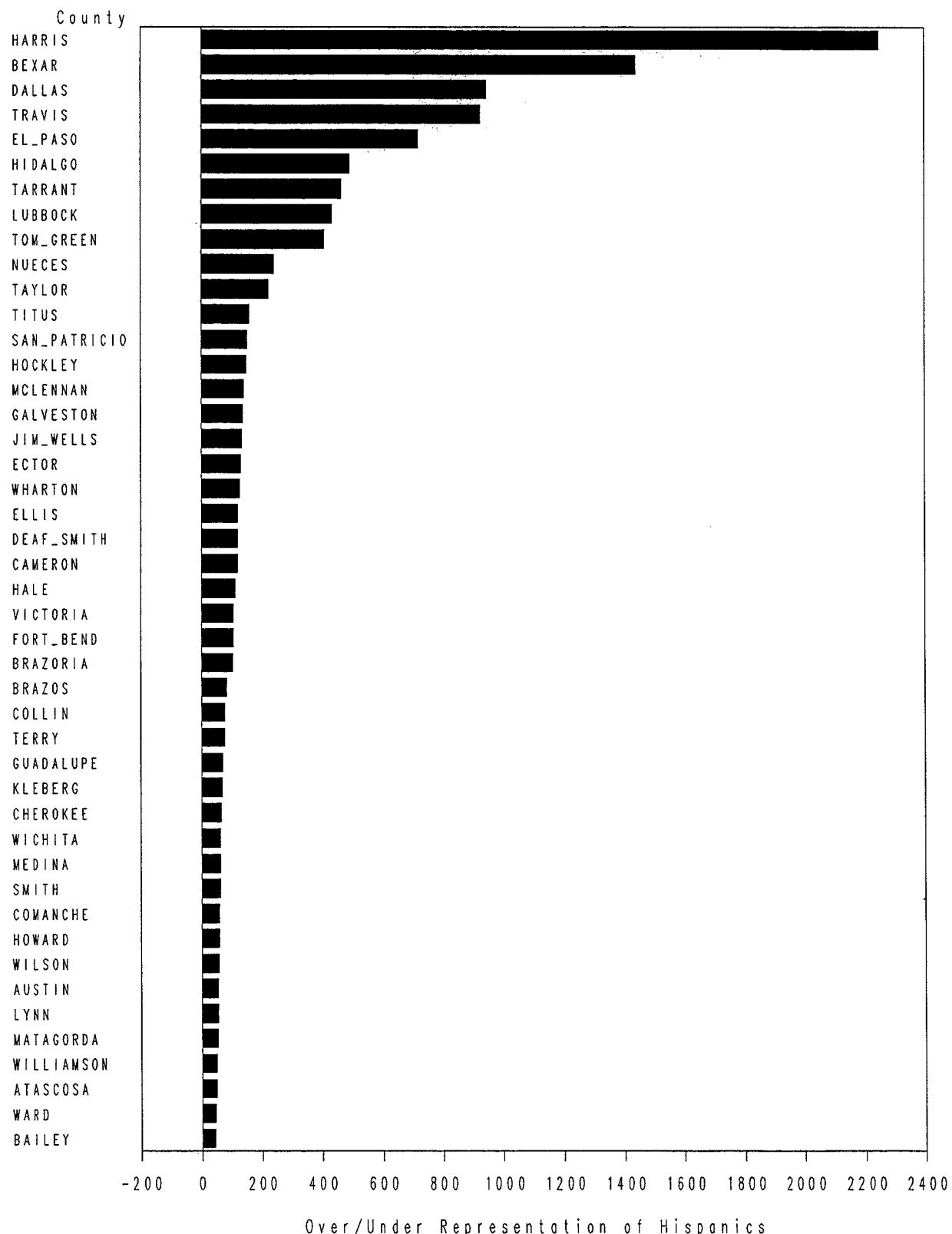
Hispanic Over/Under Representation in DWI Arrests by County

County	# Hispanics Arrested for DWI	Total # Arrested for DWI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
HARTLEY	3	25	4.35	1	2	200.00
LIPSCOMB	3	15	8.98	1	2	200.00
MARTIN	9	19	35.08	7	2	28.57
RAINS	3	72	1.94	1	2	200.00
SOMERVELL	7	42	10.96	5	2	40.00
STEPHENS	3	21	6.47	1	2	200.00
THROCKMORTON	3	11	6.20	1	2	200.00
BRISCOE	2	8	14.45	1	1	100.00
DIMMITT	77	93	81.37	76	1	1.32
JASPER	4	183	1.50	3	1	33.33
JEFF_DAVIS	1	1	36.88	0	1	0.00
KING	3	17	12.81	2	1	50.00
MCMULLEN	1	1	37.04	0	1	0.00
ROBERTS	1	2	2.23	0	1	0.00
SABINE	1	66	0.74	0	1	0.00
TRINITY	3	103	1.90	2	1	50.00
WHEELER	2	13	4.95	1	1	100.00
YOUNG	7	128	5.06	6	1	16.67
ANDERSON	12	144	8.14	12	0	0.00
ARMSTRONG	0	10	2.53	0	0	0.00
BORDEN	0	0	10.85	0	0	0.00
FALLS	1	10	10.67	1	0	0.00
FOARD	1	10	10.90	1	0	0.00
GLASSCOCK	1	2	26.71	1	0	0.00
HARRISON	3	155	1.90	3	0	0.00
KENEDY	0	0	75.50	0	0	0.00
KENT	0	1	10.13	0	0	0.00
LOVING	0	0	13.58	0	0	0.00
MORRIS	1	49	1.45	1	0	0.00
MOTLEY	0	0	7.46	0	0	0.00
PRESIDIO	23	29	78.77	23	0	0.00
STERLING	1	3	22.94	1	0	0.00
DONLEY	1	88	2.74	2	-1	-50.00
HARDIN	3	280	1.37	4	-1	-25.00
JIM_HOGG	9	11	90.23	10	-1	-10.00
LIMESTONE	2	60	5.61	3	-1	-33.33
MARION	1	174	1.29	2	-1	-50.00
ARCHER	0	71	2.27	2	-2	-100.00
BAYLOR	2	80	5.58	4	-2	-50.00
CASS	0	175	1.05	2	-2	-100.00
CHAMBERS	9	210	5.10	11	-2	-18.18
CHILDRESS	5	65	10.66	7	-2	-28.57
KNOX	3	27	18.40	5	-2	-40.00
LAMAR	2	488	0.89	4	-2	-50.00
SUTTON	21	53	42.75	23	-2	-8.70
FANNIN	1	257	1.57	4	-3	-75.00
ORANGE	1	167	2.12	4	-3	-75.00
BOWIE	9	800	1.61	13	-4	-30.77
CORYELL	25	346	8.97	31	-6	-19.35

Hispanic Over/Under Representation in DWI Arrests by County

County	# Hispanics Arrested for DWI	Total # Arrested for DWI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
FRIOS	59	95	68.01	65	-6	-9.23
WISE	15	341	6.27	21	-6	-28.57
HENDERSON	8	454	3.32	15	-7	-46.67
CULBERSON	36	66	66.71	44	-8	-18.18
HUDSPETH	60	115	62.73	72	-12	-16.67
POLK	1	353	4.12	15	-14	-93.33
JEFFERSON	54	1,986	4.80	95	-41	-43.16
MIDLAND	272	1,686	18.73	316	-44	-13.92
STARR	369	447	96.80	433	-64	-14.78

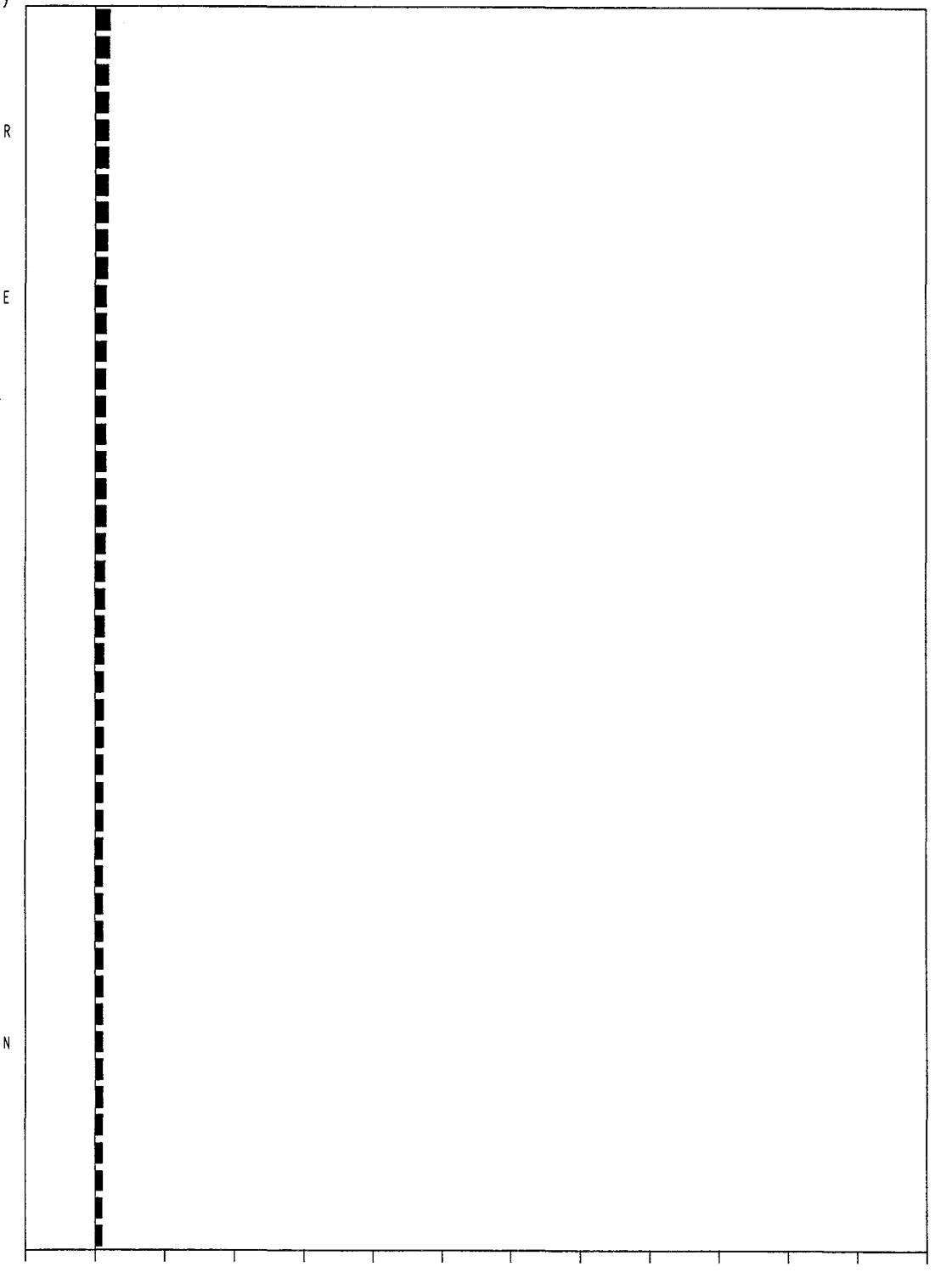
**HISPANIC OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY**



HISPANIC OVER/UNDER REPRESENTATION
IN DWI ARREST BY COUNTY (continued)

County

KENDALL
DAWSON
LAMB
NAVARRO
WILBARGER
DENTON
HAYS
SWISHER
CALDWELL
JOHNSON
GILLESPIE
BEE
FAYETTE
LEE
PECOS
ANDREWS
GAINES
UVALDE
SCURRY
BLANCO
LIVE_OAK
POTTER
RANDALL
REFUGIO
CASTRO
WEBB
BELL
LAVACA
BROWN
PARMER
JACKSON
FLOYD
MITCHELL
NOLAN
GOLIAD
KAUFMAN
YOAKUM
ROBERTSON
CROSBY
GONZALES
REEVES
ANGELINA
WALLER
MADISON
BURNET

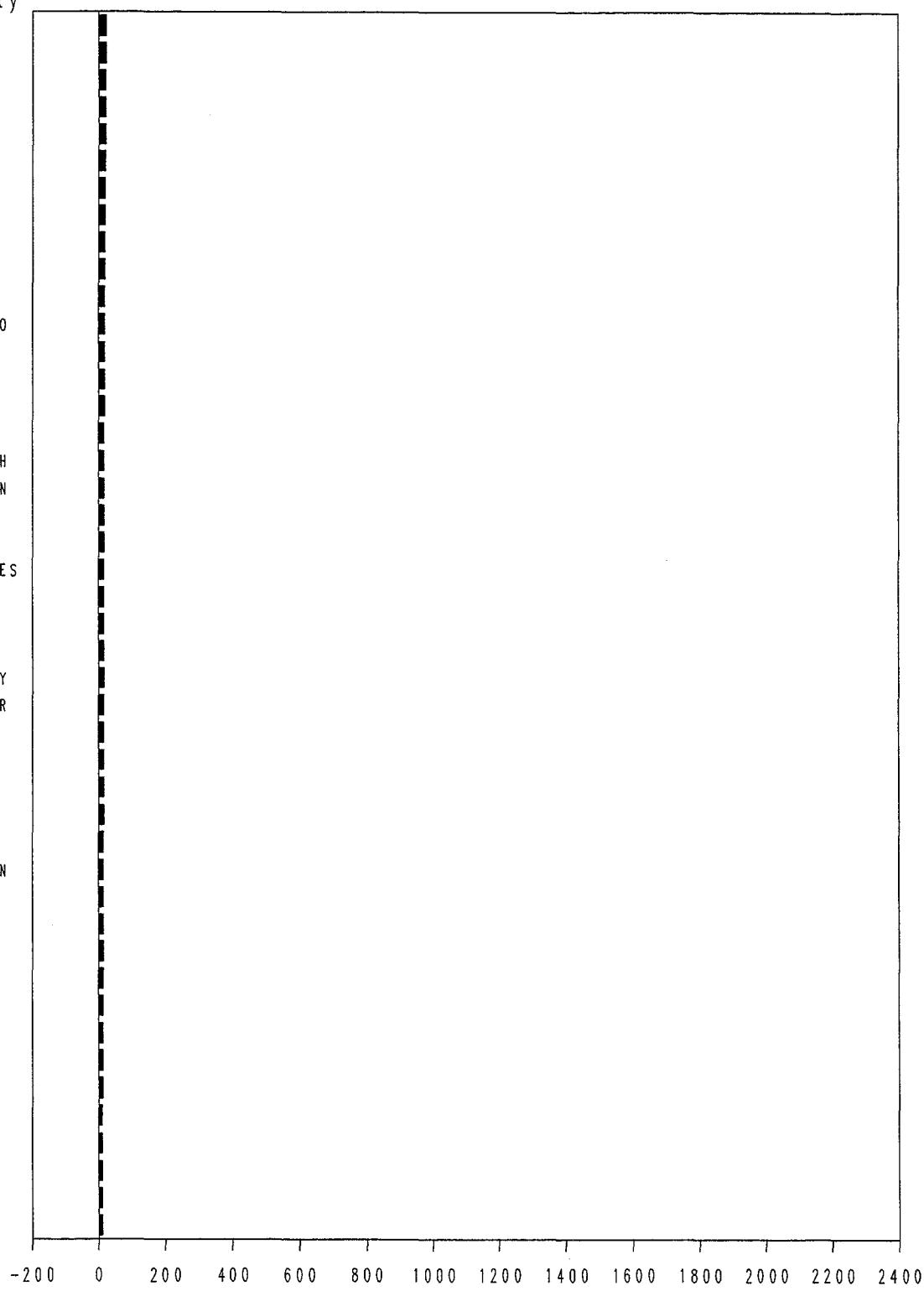


Over/Under Representation of Hispanics

HISPANIC OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)

County

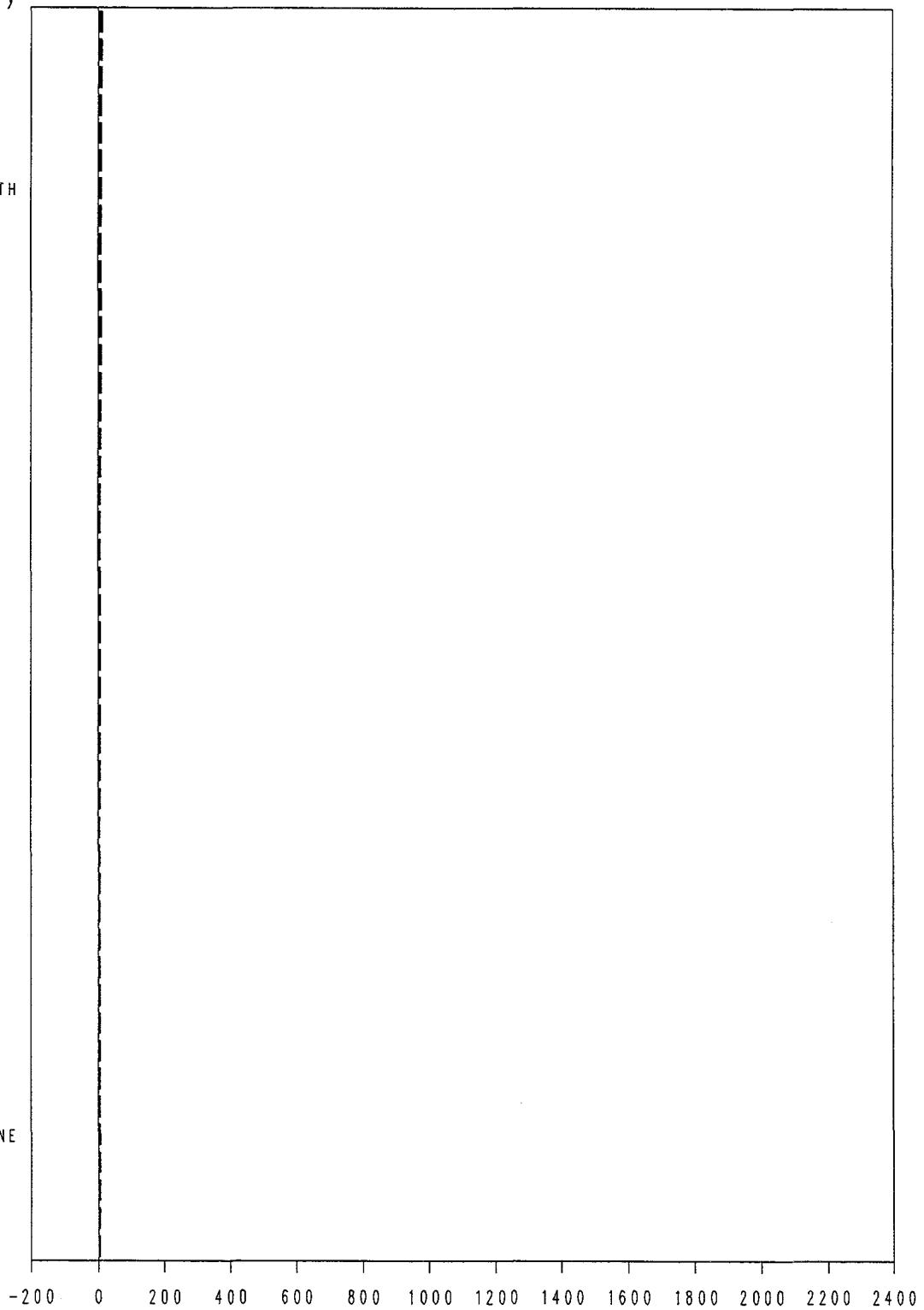
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UPTON
CRANE
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RUNNELS
LIBERTY
KARNES
PALO_PINTO
HAMILTON
HOOD
MASON
CALHOUN
MCCULLOUGH
WASHINGTON
OCHILTREE
COMAL
NACOGDOCHES
ARANSAS
HILL
COCHRAN
MONTGOMERY
SCHLEICHER
GRIMES
HASKELL
MILLS
LEON
SHELBY
HUTCHINSON
MILAM
SHERMAN
DEWITT
WOOD
MOORE
EASTLAND
GRAYSON
JACK
WILLACY
KERR
ROCKWALL
PARKER
LLANO



HISPANIC OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)

County

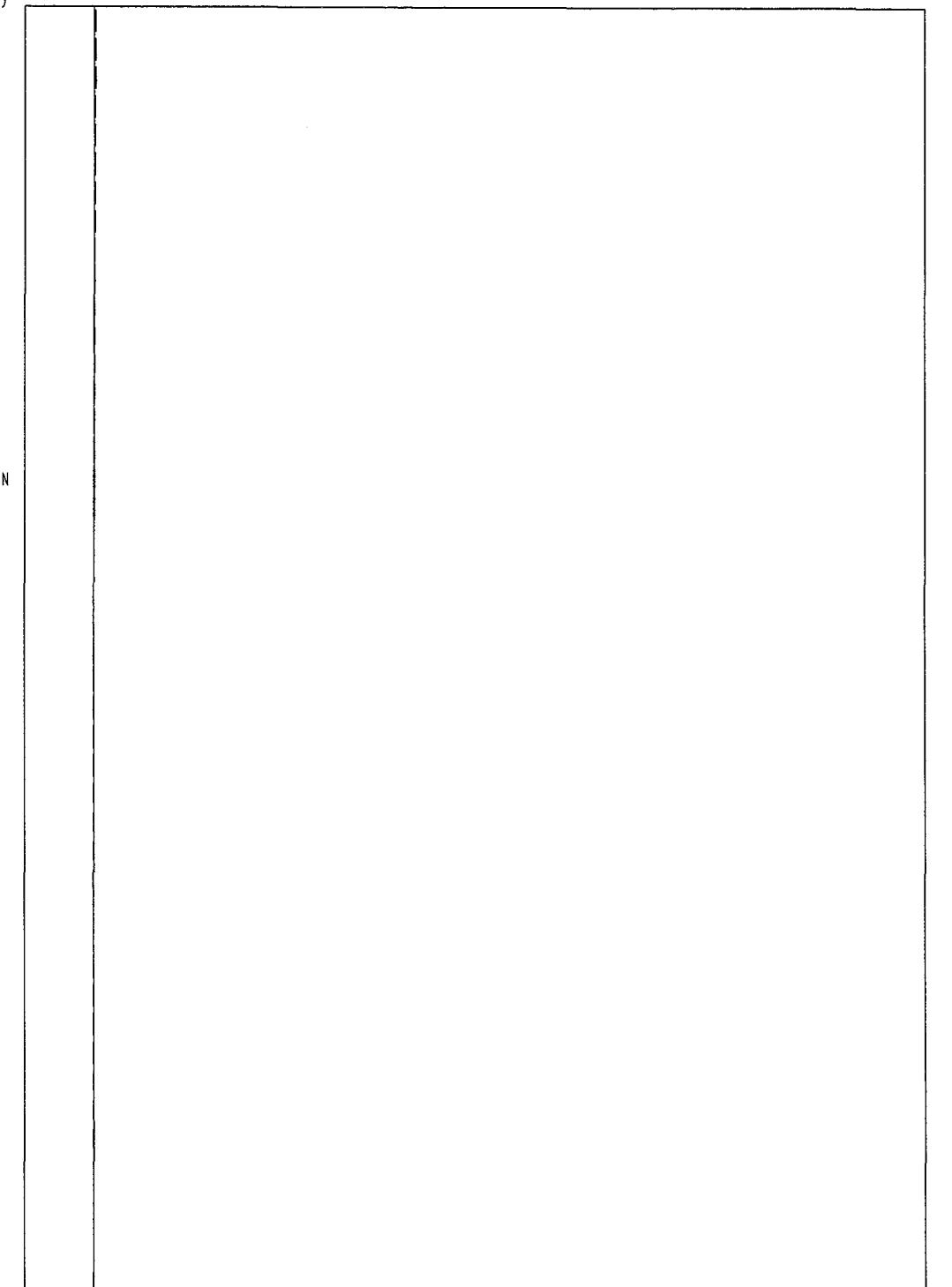
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SAN_SABA
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BASTROP
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GRAY
HOPKINS
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BANDERA
HALL
KINNEY
BREWSTER
HOUSTON
BROOKS
RUSK
VAL_VERDE
OLDHAM
GARZA
MAVERICK
CALLAHAN
FISHER
WINKLER
COOKE
CARSON
COTTLE
COKE
WALKER
DUVAL
STONEWALL
DALLAM
MENARD
DICKENS
HANSFORD
NEWTON
CROCKETT
KIMBLE
MONTAGUE
SAN_AUGUSTINE
CONCHO
UPSHUR
HARDEMAN
PANOLA



HISPANIC OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)

County

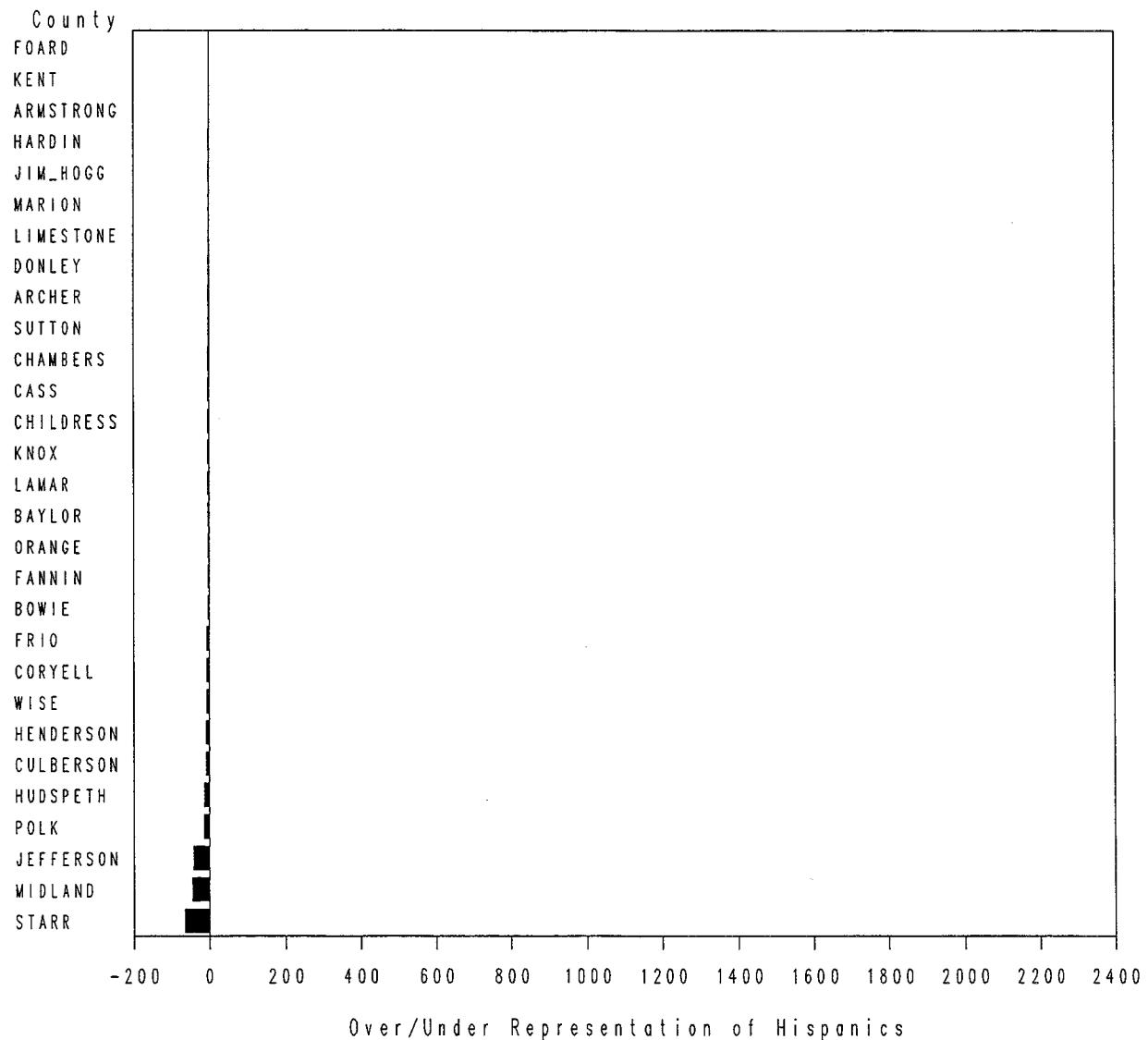
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FRANKLIN
HEMPHILL
RED_RIVER
ZAVALA
BOSQUE
REAL
TYLER
TERRELL
VAN_ZANDT
HUNT
BURLESON
EDWARDS
SHACKELFORD
SOMERVELL
MARTIN
THROCKMORTON
HARTLEY
CLAY
LIPSCOMB
STEPHENSONS
RAINS
DELTA
WHEELER
DIMMITT
JASPER
TRINITY
ROBERTS
BRISCOE
KING
JEFF_DAVIS
MCMLLEN
YOUNG
SABINE
GLASSCOCK
STERLING
MORRIS
ANDERSON
PRESIDIO
HARRISON
KENEDY
MOTLEY
LOVING
BORDEN
FALLS



-200 0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400

Over/Under Representation of Hispanics

HISPANIC OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)



Appendix B

**Numeric and Graphic Display of Black Over/Under
Representation in DWI Arrests by County**



Black Over/Under Representation in DWI Arrests by County

County	# Blacks Arrested for DWI	Total # Arrested for DWI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
BELL	332	1,514	16.75	254	78	30.71
ELLIS	114	682	9.11	62	52	83.87
HUNT	67	391	9.35	37	30	81.08
SMITH	256	1,169	19.30	226	30	13.27
SAN_PATRICIO	37	748	1.39	10	27	270.00
COLLIN	53	774	3.82	30	23	76.67
MIDLAND	141	1,686	7.12	120	21	17.50
WILLIAMSON	55	769	4.45	34	21	61.76
JOHNSON	31	479	2.31	11	20	181.82
TAYLOR	96	1,355	5.62	76	20	26.32
WASHINGTON	57	200	18.59	37	20	54.05
HARRISON	60	155	26.25	41	19	46.34
HOPKINS	39	238	8.22	20	19	95.00
KAUFMAN	88	539	12.86	69	19	27.54
NAVARRO	94	433	17.25	75	19	25.33
RUSK	45	152	18.72	28	17	60.71
TERRY	28	394	2.94	12	16	133.33
FREESTONE	48	186	18.25	34	14	41.18
HENDERSON	46	454	7.25	33	13	39.39
HARDIN	32	280	7.51	21	11	52.38
CASS	42	175	18.27	32	10	31.25
GUADALUPE	27	316	5.25	17	10	58.82
LUBBOCK	117	1,599	6.69	107	10	9.35
BOWIE	164	800	19.33	155	9	5.81
HOCKLEY	29	531	3.81	20	9	45.00
RED_RIVER	28	104	18.00	19	9	47.37
UPSHUR	16	57	11.57	7	9	128.57
VAN_ZANDT	17	241	3.45	8	9	112.50
COLEMAN	11	147	2.13	3	8	266.67
HILL	16	102	8.07	8	8	100.00
JONES	13	140	3.58	5	8	160.00
KERR	11	199	1.86	4	7	175.00
MORRIS	18	49	22.51	11	7	63.64
WILBARGER	23	197	8.31	16	7	43.75
CARSON	6	97	0.17	0	6	0.00
DEAF_SMITH	10	291	1.48	4	6	150.00
GRAY	15	269	3.32	9	6	66.67
JACK	7	124	0.71	1	6	600.00
MILAM	16	89	11.40	10	6	60.00
ROCKWALL	14	246	3.07	8	6	75.00
SWISHER	11	130	3.74	5	6	120.00
TYLER	23	167	9.96	17	6	35.29
BAYLOR	8	80	3.24	3	5	166.67
CHEROKEE	80	492	15.34	75	5	6.67
CLAY	5	105	0.32	0	5	0.00
CROSBY	8	73	4.23	3	5	166.67
DELTA	8	43	7.12	3	5	166.67
HARDEMAN	9	74	5.49	4	5	125.00
LYNN	11	180	3.20	6	5	83.33

Black Over/Under Representation in DWI Arrests by County

County	# Blacks Arrested for DWI	Total # Arrested for DWI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
RANDALL	9	384	1.13	4	5	125.00
SAN AUGUSTINE	19	57	24.79	14	5	35.71
COOKE	10	201	3.06	6	4	66.67
DALLAM	6	147	1.51	2	4	200.00
EASTLAND	9	220	2.33	5	4	80.00
GOLIAD	10	87	6.51	6	4	66.67
HOOD	4	318	0.14	0	4	0.00
LIMESTONE	15	60	18.14	11	4	36.36
MARION	53	174	28.29	49	4	8.16
MONTAGUE	4	206	0.03	0	4	0.00
CROCKETT	3	36	1.04	0	3	0.00
DAWSON	7	105	4.09	4	3	75.00
DEWITT	11	78	9.91	8	3	37.50
FANNIN	18	257	6.00	15	3	20.00
HASKELL	5	57	3.08	2	3	150.00
HUTCHINSON	9	263	2.31	6	3	50.00
KENDALL	3	181	0.26	0	3	0.00
LAVACA	10	112	6.51	7	3	42.86
LIBERTY	46	339	12.68	43	3	6.98
RUNNELS	4	81	1.57	1	3	300.00
SABINE	10	66	10.29	7	3	42.86
SAN JACINTO	29	188	14.07	26	3	11.54
BRAZOS	65	679	9.35	63	2	3.17
BURLESON	12	61	16.10	10	2	20.00
BURNET	3	153	0.97	1	2	200.00
CALHOUN	6	139	2.88	4	2	50.00
CASTRO	3	49	2.58	1	2	200.00
COLLINGSWORTH	5	48	5.39	3	2	66.67
DICKENS	3	27	3.66	1	2	200.00
GAINES	4	106	2.03	2	2	100.00
GONZALES	12	113	9.04	10	2	20.00
HALL	9	96	6.87	7	2	28.57
HEMPHILL	2	28	0.19	0	2	0.00
IRION	2	70	0.09	0	2	0.00
KARNES	4	60	2.68	2	2	100.00
LAMB	11	181	4.82	9	2	22.22
LEON	23	168	12.52	21	2	9.52
RAINS	5	72	3.86	3	2	66.67
SUTTON	2	53	0.03	0	2	0.00
ARCHER	1	71	0.12	0	1	0.00
BAILEY	3	104	1.69	2	1	50.00
BOSQUE	2	70	1.79	1	1	100.00
BRISCOE	1	8	2.70	0	1	0.00
CALLAHAN	1	83	0.02	0	1	0.00
COCHRAN	3	39	4.83	2	1	50.00
COLORADO	18	110	15.89	17	1	5.88
FLOYD	3	64	3.59	2	1	50.00
GARZA	3	44	5.11	2	1	50.00
GLASSCOCK	1	2	0.00	0	1	0.00

Black Over/Under Representation in DWI Arrests by County

County	# Blacks Arrested for DWI	Total # Arrested for DWI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
HAMILTON	1	130	0.02	0	1	0.00
HARTLEY	1	25	0.19	0	1	0.00
HUDSPETH	2	115	0.48	1	1	100.00
KING	1	17	0.00	0	1	0.00
KINNEY	1	42	1.19	0	1	0.00
LEE	22	155	13.40	21	1	4.76
LIVE_OAK	1	88	0.04	0	1	0.00
LLANO	1	58	0.19	0	1	0.00
MONTGOMERY	17	412	3.87	16	1	6.25
MOORE	1	59	0.45	0	1	0.00
PARKER	2	78	0.83	1	1	100.00
SHERMAN	1	54	0.15	0	1	0.00
WILLACY	1	82	0.42	0	1	0.00
ARMSTRONG	0	10	0.00	0	0	0.00
BANDERA	0	85	0.17	0	0	0.00
BLANCO	1	71	0.90	1	0	0.00
BORDEN	0	0	0.00	0	0	0.00
BREWSTER	0	33	0.99	0	0	0.00
BROOKS	0	135	0.04	0	0	0.00
BROWN	7	184	3.74	7	0	0.00
COKE	0	32	0.07	0	0	0.00
COMANCHE	0	144	0.04	0	0	0.00
CONCHO	0	34	0.55	0	0	0.00
CULBERSON	0	66	0.05	0	0	0.00
DIMMITT	0	93	0.41	0	0	0.00
DONLEY	3	88	2.98	3	0	0.00
DUVAL	0	130	0.07	0	0	0.00
EDWARDS	0	16	0.00	0	0	0.00
FALLS	3	10	25.55	3	0	0.00
FOARD	0	10	3.43	0	0	0.00
FRANKLIN	2	59	4.00	2	0	0.00
GILLESPIE	0	91	0.10	0	0	0.00
HANSFORD	0	14	0.00	0	0	0.00
JEFF_DAVIS	0	1	0.07	0	0	0.00
JIM_HOGG	0	11	0.08	0	0	0.00
JIM_WELLS	4	821	0.48	4	0	0.00
KENEDY	0	0	0.00	0	0	0.00
KENT	0	1	0.65	0	0	0.00
KIMBLE	0	47	0.06	0	0	0.00
KNOX	2	27	5.62	2	0	0.00
LAMAR	63	488	12.93	63	0	0.00
LIPSCOMB	0	15	0.04	0	0	0.00
LOVING	0	0	0.00	0	0	0.00
MARTIN	0	19	1.87	0	0	0.00
MASON	0	44	0.11	0	0	0.00
MAVERICK	0	119	0.04	0	0	0.00
MCMULLEN	0	1	0.00	0	0	0.00
MENARD	0	29	0.28	0	0	0.00
MILLS	0	38	0.24	0	0	0.00

Black Over/Under Representation in DWI Arrests by County

County	# Blacks Arrested for DWI	Total # Arrested for DWI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
MOTLEY	0	0	4.25	0	0	0.00
OCHILTREE	0	110	0.03	0	0	0.00
OLDHAM	0	59	0.07	0	0	0.00
PARMER	1	64	1.25	1	0	0.00
PECOS	0	136	0.30	0	0	0.00
PRESIDIO	0	29	0.02	0	0	0.00
REAGAN	1	45	2.43	1	0	0.00
REAL	0	20	0.00	0	0	0.00
ROBERTS	0	2	0.00	0	0	0.00
SAN_SABA	0	44	0.25	0	0	0.00
SCHLEICHER	0	37	1.02	0	0	0.00
SHACKELFORD	0	23	0.45	0	0	0.00
SOMERVELL	0	42	0.08	0	0	0.00
STARR	0	447	0.02	0	0	0.00
STERLING	0	3	0.00	0	0	0.00
STONEWALL	1	27	3.78	1	0	0.00
TERRELL	0	40	0.00	0	0	0.00
THROCKMORTON	0	11	0.00	0	0	0.00
UPTON	1	47	2.09	1	0	0.00
UVALDE	0	193	0.19	0	0	0.00
WEBB	0	527	0.06	0	0	0.00
WHEELER	0	13	1.91	0	0	0.00
WILSON	2	202	1.06	2	0	0.00
ZAPATA	0	101	0.02	0	0	0.00
ANDREWS	2	142	1.79	3	-1	-33.33
ATASCOSA	0	266	0.37	1	-1	-100.00
BEE	3	162	2.68	4	-1	-25.00
COTTE	0	18	7.20	1	-1	-100.00
CRANE	0	54	2.53	1	-1	-100.00
FISHER	0	22	3.57	1	-1	-100.00
FRIO	0	95	1.54	1	-1	-100.00
GRIMES	30	133	23.49	31	-1	-3.23
LA_SALLE	0	55	1.46	1	-1	-100.00
MCCULLOUGH	1	121	1.68	2	-1	-50.00
MEDINA	0	209	0.28	1	-1	-100.00
MITCHELL	4	119	4.17	5	-1	-20.00
NOLAN	5	146	4.17	6	-1	-16.67
REEVES	1	104	2.22	2	-1	-50.00
SHELBY	24	133	19.07	25	-1	-4.00
STEPHENS	0	21	2.49	1	-1	-100.00
TRINITY	12	103	12.35	13	-1	-7.69
YOKUM	0	92	0.88	1	-1	-100.00
YOUNG	1	128	1.22	2	-1	-50.00
ZAVALA	0	32	3.49	1	-1	-100.00
ARANSAS	0	100	1.62	2	-2	-100.00
CHAMBERS	24	210	12.61	26	-2	-7.69
CHILDRESS	1	65	4.72	3	-2	-66.67
COMAL	1	334	0.76	3	-2	-66.67
ECTOR	43	1,035	4.37	45	-2	-4.44

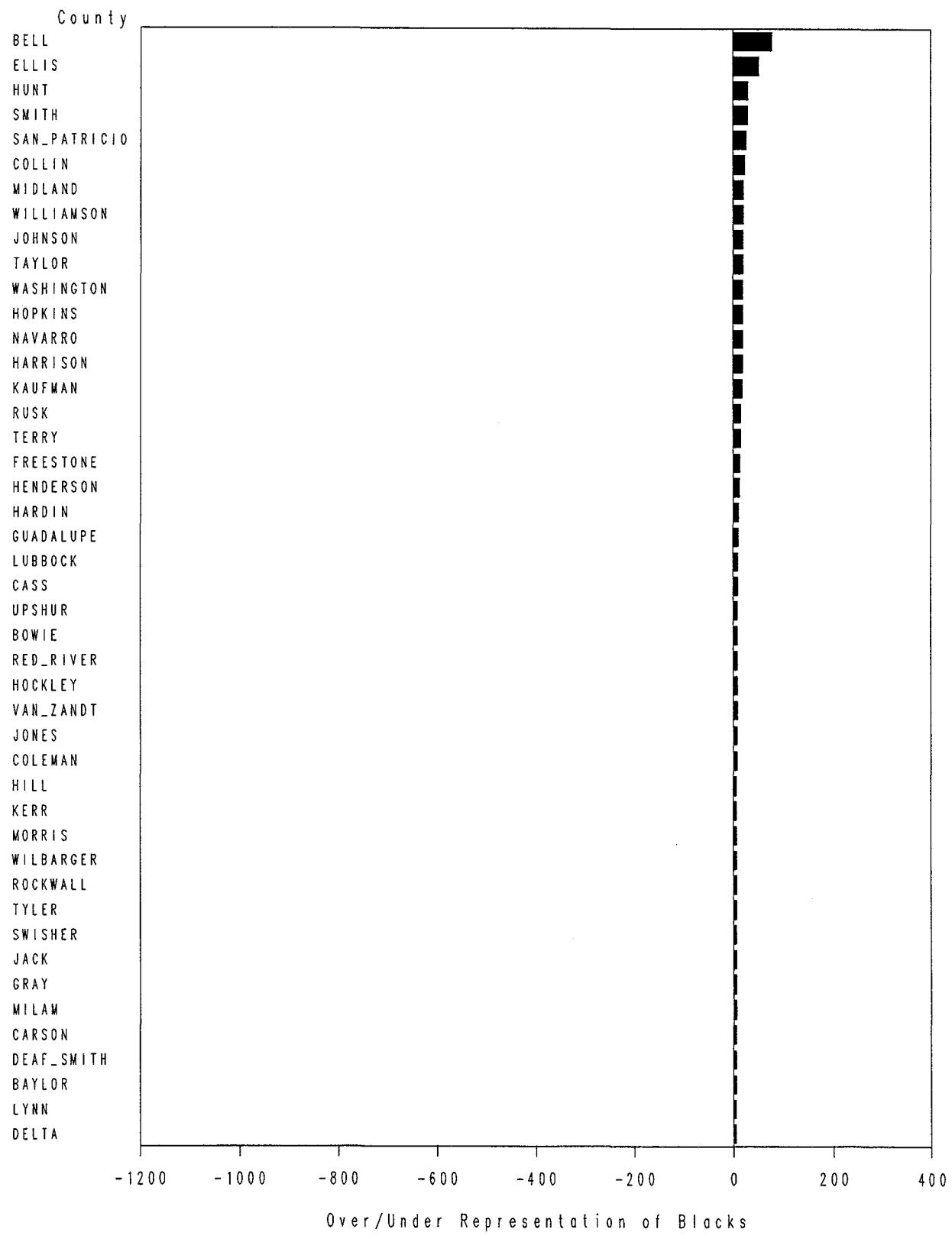
Black Over/Under Representation in DWI Arrests by County

County	# Blacks Arrested for DWI	Total # Arrested for DWI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
ERATH	0	277	0.78	2	-2	-100.00
HALE	14	331	4.85	16	-2	-12.50
HOWARD	6	219	3.57	8	-2	-25.00
LAMPASAS	0	111	1.62	2	-2	-100.00
WINKLER	0	93	1.90	2	-2	-100.00
WISE	2	341	1.26	4	-2	-50.00
WOOD	15	217	7.85	17	-2	-11.76
PALO_PINTO	5	299	2.81	8	-3	-37.50
PANOLA	8	62	16.97	11	-3	-27.27
CAMERON	0	1,549	0.24	4	-4	-100.00
CAMP	8	52	22.84	12	-4	-33.33
FAYETTE	13	224	7.71	17	-4	-23.53
HAYS	5	279	3.39	9	-4	-44.44
HIDALGO	3	3,993	0.17	7	-4	-57.14
NEWTON	22	127	20.35	26	-4	-15.38
REFUGIO	4	114	7.02	8	-4	-50.00
SCURRY	5	173	5.10	9	-4	-44.44
VAL_VERDE	0	232	1.83	4	-4	-100.00
GRAYSON	26	504	6.23	31	-5	-16.13
HOUSTON	30	127	27.23	35	-5	-14.29
JACKSON	3	93	9.08	8	-5	-62.50
WARD	3	258	3.04	8	-5	-62.50
ANGELINA	26	232	13.80	32	-6	-18.75
AUSTIN	23	245	11.90	29	-6	-20.69
CALDWELL	12	167	10.57	18	-6	-33.33
DENTON	49	1,171	4.72	55	-6	-10.91
JASPER	25	183	16.70	31	-6	-19.35
ORANGE	7	167	7.57	13	-6	-46.15
KLEBERG	4	347	3.29	11	-7	-63.64
NACOGDOCHES	28	247	14.62	36	-8	-22.22
POLK	30	353	10.77	38	-8	-21.05
BASTROP	22	278	11.03	31	-9	-29.03
MADISON	25	144	23.28	34	-9	-26.47
ROBERTSON	22	140	24.71	35	-13	-37.14
VICTORIA	14	438	6.25	27	-13	-48.15
WALKER	23	156	23.20	36	-13	-36.11
WICHITA	55	832	8.22	68	-13	-19.12
TITUS	44	476	12.27	58	-14	-24.14
ANDERSON	19	144	24.24	35	-16	-45.71
GREGG	35	298	17.32	52	-17	-32.69
TOM_GREEN	42	1,530	3.85	59	-17	-28.81
WHARTON	32	366	14.73	54	-22	-40.74
POTTER	19	543	7.77	42	-23	-54.76
BRAZORIA	86	1,378	8.35	115	-29	-25.22
WALLER	30	151	39.32	59	-29	-49.15
MATAGORDA	32	515	13.38	69	-37	-53.62
FORT_BEND	89	680	19.52	133	-44	-33.08
CORYELL	28	346	21.15	73	-45	-61.64
NUECES	32	2,332	3.98	93	-61	-65.59

Black Over/Under Representation in DWI Arrests by County

County	# Blacks Arrested for DWI	Total # Arrested for DWI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
EL_PASO	66	3,701	3.54	131	-65	-49.62
MCLENNAN	83	1,081	13.69	148	-65	-43.92
GALVESTON	134	1,496	15.95	239	-105	-43.93
TRAVIS	336	4,608	9.70	447	-111	-24.83
JEFFERSON	424	1,986	28.25	561	-137	-24.42
TARRANT	424	5,792	10.88	630	-206	-32.70
BEXAR	207	7,203	6.75	486	-279	-57.41
DALLAS	1,320	11,265	18.10	2,039	-719	-35.26
HARRIS	1,320	13,931	17.75	2,473	-1,153	-46.62

BLACK OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY

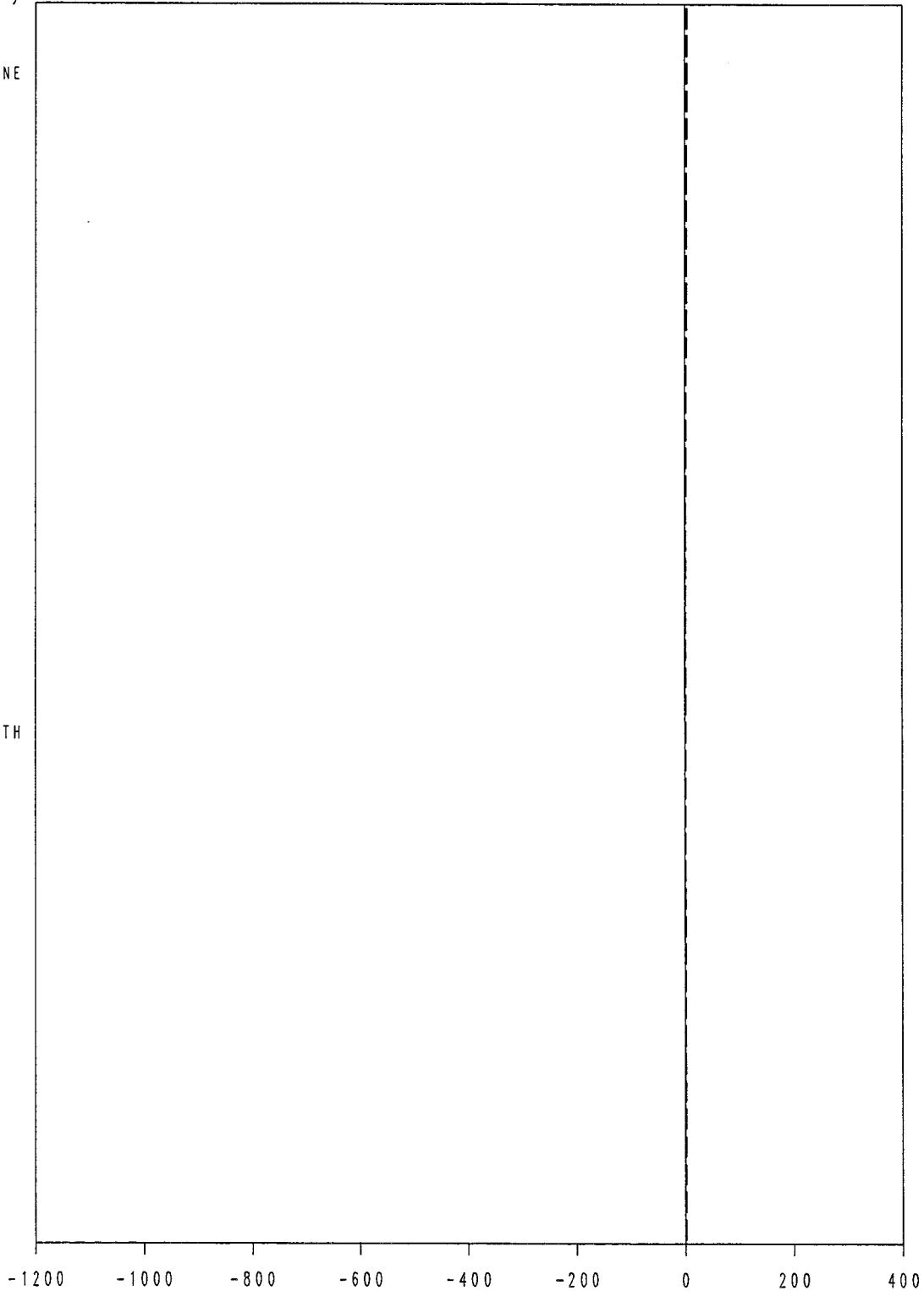


Over/Under Representation of Blacks

BLACK OVER/UNDER REPRESENTATION
IN DWI ARREST BY COUNTY (continued)

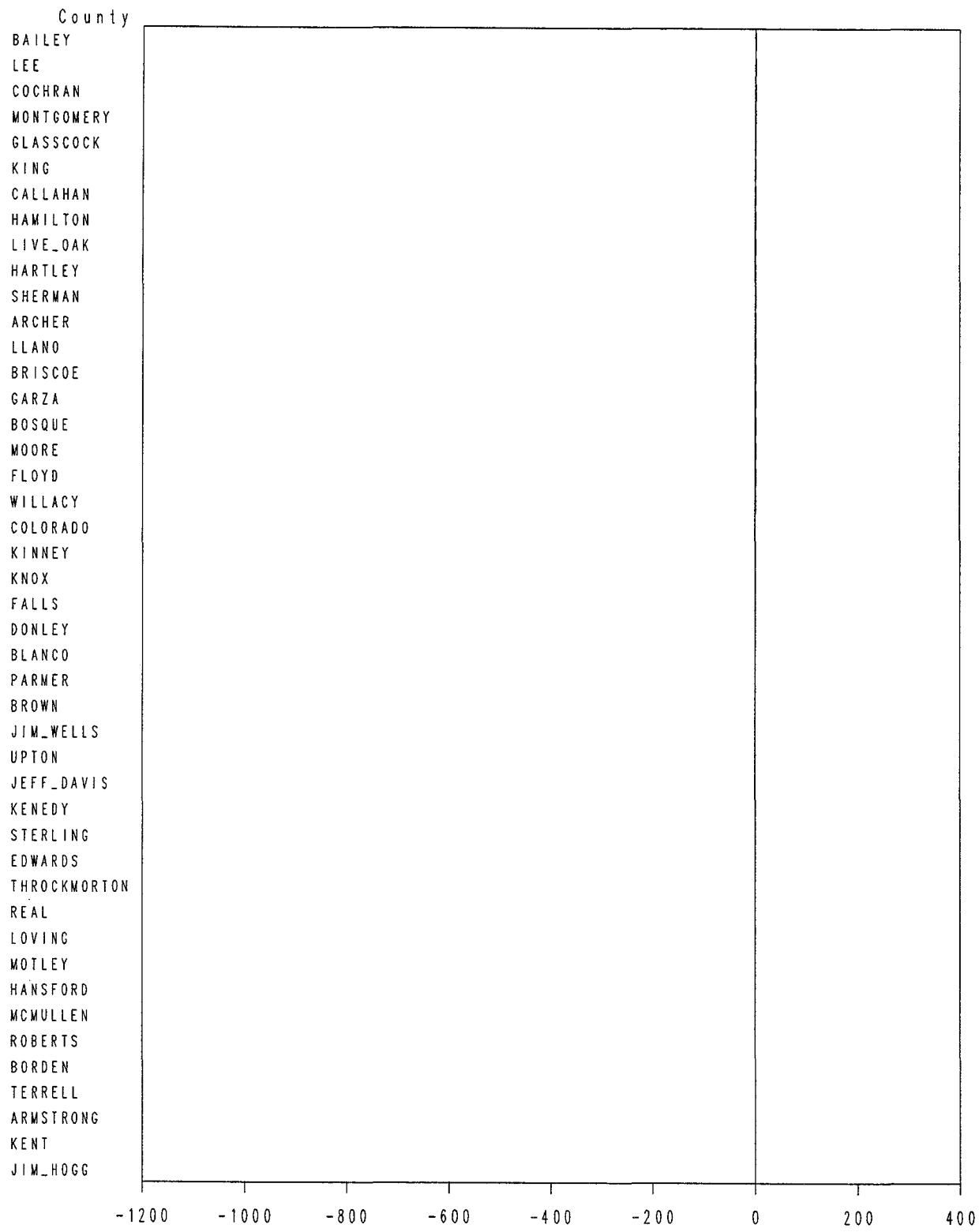
County

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CROSBY
SAN_AUGUSTINE
RANDALL
CLAY
CHEROKEE
GOLIAD
LIMESTONE
MONTAGUE
EASTLAND
COOKE
MARION
DALLAM
HOOD
DEWITT
HASKELL
SABINE
LIBERTY
HUTCHINSON
RUNNELS
LAVACA
DAWSON
CROCKETT
FANNIN
SAN_JACINTO
KENDALL
COLLINGSWORTH
HALL
KARNES
LAMB
RAINS
BURLESON
DICKENS
CALHOUN
SUTTON
LEON
HEMPHILL
IRION
GAINES
GONZALES
CASTRO
BURNET
BRAZOS
HUDSPETH
PARKER



Over/Under Representation of Blacks

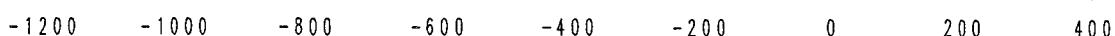
BLACK OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)



Over/Under Representation of Blacks

BLACK OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)

County		
LIPSCOMB		
PRESIDIO		
COKE		
STONEWALL		
ZAPATA		
CULBERSON		
SOMERVELL		
OCHILTREE		
KIMBLE		
OLDHAM		
MAVERICK		
BROOKS		
MASON		
COMANCHE		
MENARD		
STARR		
GILLESPIE		
MILLS		
DUVAL		
REAGAN		
LAMAR		
SHACKELFORD		
SAN_SABA		
BANDERA		
WILSON		
CONCHO		
WHEELER		
WEBB		
BREWSTER		
FOARD		
MARTIN		
FRANKLIN		
UVALDE		
SCHLEICHER		
DIMMITT		
PECOS		
STEPHENS		
ANDREWS		
YOUNG		
MEDINA		
TRINITY		
FISHER		
LA_SALLE		
YOAKUM		
MITCHELL		

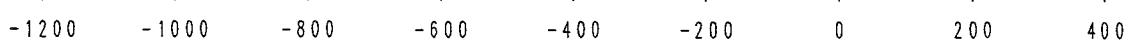


Over/Under Representation of Blacks

BLACK OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)

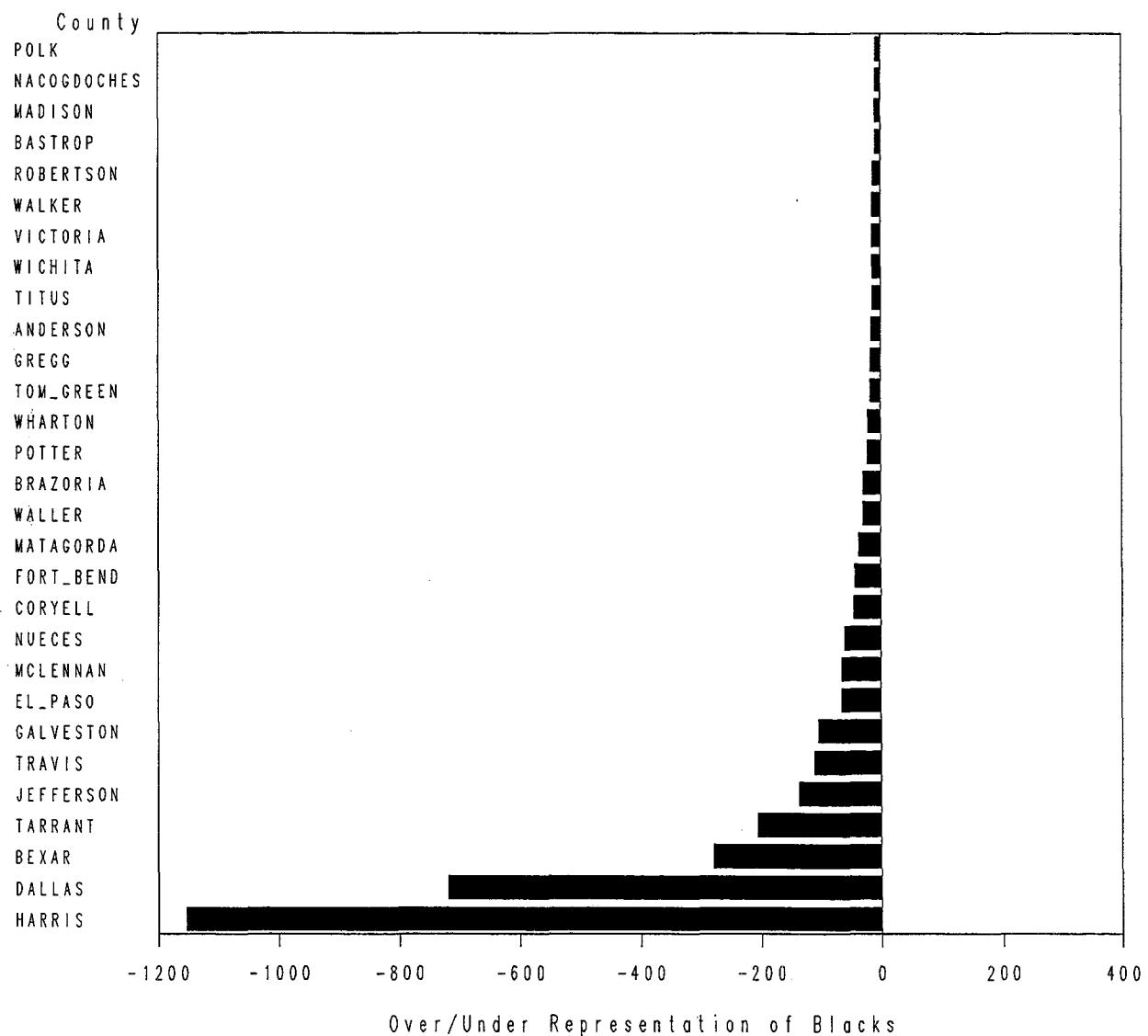
County

ATASCOSA
MCCULLOUGH
NOLAN
ZAVALA
GRIMES
COTTLE
REEVES
BEE
SHELBY
CRANE
FRIO
COMAL
ARANSAS
WINKLER
LAMPASAS
HOWARD
WOOD
HALE
CHILDRESS
ERATH
ECTOR
WISE
CHAMBERS
PANOLA
PALO_PINTO
CAMERON
HIDALGO
SCURRY
NEWTON
CAMP
REFUGIO
VAL_VERDE
FAYETTE
HAYS
HOUSTON
WARD
GRAYSON
JACKSON
JASPER
ORANGE
CALDWELL
ANGELINA
AUSTIN
DENTON
KLEBERG



Over/Under Representation of Blacks

BLACK OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)



Appendix C
**Numeric and Graphic Display of Anglo Over/Under
Representation in DWI Arrests by County**

Anglo Over/Under Representation in DWI Arrests by County

County	# Anglos Arrested for DWI	Total # Arrested for DWI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
JEFFERSON	1,508	1,986	66.95	1,330	178	13.38
STARR	78	447	3.18	14	64	457.14
CORYELL	293	346	69.88	242	51	21.07
MIDLAND	1,273	1,686	74.15	1,250	23	1.84
POLK	322	353	85.11	300	22	7.33
ANDERSON	113	144	67.62	97	16	16.49
HUDSPETH	53	115	36.79	42	11	26.19
WISE	324	341	92.47	315	9	2.86
CULBERSON	30	66	33.24	22	8	36.36
ORANGE	159	167	90.31	151	8	5.30
WALLER	86	151	51.70	78	8	10.26
FRIO	36	95	30.46	29	7	24.14
WALKER	110	156	66.34	103	7	6.80
GREGG	243	298	79.68	237	6	2.53
CHAMBERS	177	210	82.28	173	4	2.31
CHILDRESS	59	65	84.63	55	4	7.27
JASPER	154	183	81.80	150	4	2.67
LAMAR	423	488	86.18	421	2	0.48
ARCHER	70	71	97.61	69	1	1.45
DONLEY	84	88	94.28	83	1	1.20
JIM_HOGG	2	11	9.68	1	1	100.00
KNOX	22	27	75.98	21	1	4.76
ARMSTRONG	10	10	97.47	10	0	0.00
BORDEN	0	0	89.15	0	0	0.00
FALLS	6	10	63.78	6	0	0.00
FANNIN	238	257	92.43	238	0	0.00
FOARD	9	10	85.67	9	0	0.00
KENEDY	0	0	24.50	0	0	0.00
KENT	1	1	89.22	1	0	0.00
LOVING	0	0	86.42	0	0	0.00
MOTLEY	0	0	88.29	0	0	0.00
PRESIDIO	6	29	21.21	6	0	0.00
STERLING	2	3	77.06	2	0	0.00
SUTTON	30	53	57.22	30	0	0.00
TRINITY	88	103	85.75	88	0	0.00
YOUNG	120	128	93.72	120	0	0.00
DIMMITT	16	93	18.23	17	-1	-5.88
GLASSCOCK	0	2	73.29	1	-1	-100.00
JEFF_DAVIS	0	1	63.05	1	-1	-100.00
MCMULLEN	0	1	62.96	1	-1	-100.00
ROBERTS	1	2	97.77	2	-1	-50.00
STEPHENS	18	21	91.04	19	-1	-5.26
WHEELER	11	13	93.14	12	-1	-8.33
BASTROP	202	278	73.22	204	-2	-0.98
BRISCOE	5	8	82.85	7	-2	-28.57
KING	13	17	87.19	15	-2	-13.33
LIPSCOMB	12	15	90.97	14	-2	-14.29
MARTIN	10	19	63.05	12	-2	-16.67
NEWTON	98	127	78.57	100	-2	-2.00

Anglo Over/Under Representation in DWI Arrests by County

County	# Anglos Arrested for DWI	Total # Arrested for DWI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
PANOLA	48	62	81.23	50	-2	-4.00
SHACKELFORD	19	23	93.45	21	-2	-9.52
SOMERVELL	35	42	88.96	37	-2	-5.41
THROCKMORTON	8	11	93.80	10	-2	-20.00
BAYLOR	70	80	91.18	73	-3	-4.11
EDWARDS	6	16	54.17	9	-3	-33.33
HARTLEY	21	25	95.46	24	-3	-12.50
LIMESTONE	43	60	76.26	46	-3	-6.52
MARION	120	174	70.42	123	-3	-2.44
TERRELL	17	40	50.00	20	-3	-15.00
ZAVALA	0	32	10.25	3	-3	-100.00
FRANKLIN	50	59	92.19	54	-4	-7.41
HOUSTON	83	127	68.47	87	-4	-4.60
RAINS	64	72	94.20	68	-4	-5.88
REAL	12	20	78.62	16	-4	-25.00
SABINE	55	66	88.97	59	-4	-6.78
VALVERDE	70	232	31.76	74	-4	-5.41
BOSQUE	59	70	90.93	64	-5	-7.81
BOWIE	627	800	79.06	632	-5	-0.79
BURLESON	40	61	73.56	45	-5	-11.11
CONCHO	16	34	61.77	21	-5	-23.81
WINKLER	57	93	66.89	62	-5	-8.06
COTTELL	9	18	80.82	15	-6	-40.00
DELTA	33	43	91.76	39	-6	-15.38
DUVAL	12	130	14.13	18	-6	-33.33
FISHER	11	22	78.60	17	-6	-35.29
HANSFORD	6	14	83.14	12	-6	-50.00
HENDERSON	400	454	89.43	406	-6	-1.48
KIMBLE	34	47	84.06	40	-6	-15.00
MENARD	15	29	71.91	21	-6	-28.57
POTTER	406	543	75.88	412	-6	-1.46
STONEWALL	17	27	86.50	23	-6	-26.09
CAMP	31	52	72.83	38	-7	-18.42
CLAY	96	105	97.65	103	-7	-6.80
COKE	22	32	90.02	29	-7	-24.14
GRAYSON	453	504	91.32	460	-7	-1.52
HEMPHILL	19	28	91.43	26	-7	-26.92
MAVERICK	2	119	7.68	9	-7	-77.78
MORRIS	30	49	76.05	37	-7	-18.92
SAN JACINTO	150	188	83.72	157	-7	-4.46
BROOKS	8	135	12.06	16	-8	-50.00
CALLAHAN	72	83	96.51	80	-8	-10.00
CASS	133	175	80.68	141	-8	-5.67
CROCKETT	11	36	53.50	19	-8	-42.11
DICKENS	14	27	80.84	22	-8	-36.36
GARZA	23	44	70.99	31	-8	-25.81
LAMPASAS	89	111	87.33	97	-8	-8.25
NACOGDOCHES	192	247	80.99	200	-8	-4.00
OLDHAM	47	59	92.91	55	-8	-14.55

Anglo Over/Under Representation in DWI Arrests by County

County	# Anglos Arrested for DWI	Total # Arrested for DWI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
BREWSTER	11	33	60.02	20	-9	-45.00
LA_SALLE	4	55	24.03	13	-9	-69.23
MONTAGUE	192	206	97.69	201	-9	-4.48
BANDERA	67	85	90.11	77	-10	-12.99
DALLAM	108	147	80.13	118	-10	-8.47
HARDEMAN	54	74	86.31	64	-10	-15.63
HARDIN	245	280	91.12	255	-10	-3.92
KINNEY	12	42	52.24	22	-10	-45.45
ROBERTSON	81	140	64.93	91	-10	-10.99
SAN_AUGUSTINE	32	57	73.80	42	-10	-23.81
TYLER	139	167	89.06	149	-10	-6.71
COLORADO	67	110	70.80	78	-11	-14.10
COOKE	177	201	93.41	188	-11	-5.85
REAGAN	16	45	59.92	27	-11	-40.74
SAN_SABA	26	44	83.65	37	-11	-29.73
WOOD	184	217	89.90	195	-11	-5.64
HALL	64	96	79.04	76	-12	-15.79
LLANO	44	58	96.74	56	-12	-21.43
VAN_ZANDT	213	241	93.16	225	-12	-5.33
WILLACY	3	82	18.51	15	-12	-80.00
CARSON	80	97	95.57	93	-13	-13.98
COLLINGSWORTH	27	48	82.50	40	-13	-32.50
MADISON	82	144	65.85	95	-13	-13.68
PARKER	62	78	95.61	75	-13	-17.33
SHELBY	92	133	78.78	105	-13	-12.38
ARANSAS	67	100	81.44	81	-14	-17.28
GRIMES	71	133	63.88	85	-14	-16.47
MOORE	29	59	72.52	43	-14	-32.56
PALO_PINTO	254	299	89.53	268	-14	-5.22
RED_RIVER	70	104	80.56	84	-14	-16.67
SHERMAN	31	54	83.96	45	-14	-31.11
UPSHUR	35	57	86.78	49	-14	-28.57
COMAL	251	334	79.53	266	-15	-5.64
MILLS	20	38	91.50	35	-15	-42.86
SCHLEICHER	10	37	67.82	25	-15	-60.00
ANGELINA	168	232	79.12	184	-16	-8.70
ERATH	239	277	92.09	255	-16	-6.27
GRAY	228	269	90.69	244	-16	-6.56
LEON	125	168	84.13	141	-16	-11.35
MATAGORDA	319	515	65.06	335	-16	-4.78
MCCULLOUGH	76	121	75.63	92	-16	-17.39
OCHILTREE	77	110	84.77	93	-16	-17.20
COCHRAN	6	39	58.56	23	-17	-73.91
DEWITT	37	78	68.67	54	-17	-31.48
EASTLAND	185	220	91.64	202	-17	-8.42
HUTCHINSON	219	263	89.60	236	-17	-7.20
MASON	20	44	83.71	37	-17	-45.95
MONTGOMERY	353	412	89.72	370	-17	-4.59
CRANE	19	54	68.39	37	-18	-48.65

Anglo Over/Under Representation in DWI Arrests by County

County	# Anglos Arrested for DWI	Total # Arrested for DWI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
HAMILTON	107	130	96.16	125	-18	-14.40
HASKELL	28	57	81.23	46	-18	-39.13
JACK	102	124	96.87	120	-18	-15.00
ROCKWALL	208	246	91.76	226	-18	-7.96
CALHOUN	71	139	64.48	90	-19	-21.11
HARRISON	92	155	71.85	111	-19	-17.12
JACKSON	48	93	71.81	67	-19	-28.36
KERR	149	199	84.27	168	-19	-11.31
MILAM	48	89	75.84	67	-19	-28.36
HOOD	285	318	96.06	305	-20	-6.56
KARNES	13	60	54.87	33	-20	-60.61
REEVES	10	104	29.21	30	-20	-66.67
UPTON	11	47	64.96	31	-20	-64.52
ZAPATA	4	101	23.72	24	-20	-83.33
IRION	33	70	77.84	54	-21	-38.89
LIBERTY	259	339	82.53	280	-21	-7.50
RUNNELS	42	81	77.67	63	-21	-33.33
MITCHELL	61	119	70.03	83	-22	-26.51
NOLAN	86	146	74.11	108	-22	-20.37
YOAKUM	40	92	67.10	62	-22	-35.48
BURNET	116	153	90.75	139	-23	-16.55
REFUGIO	40	114	55.27	63	-23	-36.51
GONZALES	44	113	59.87	68	-24	-35.29
HILL	63	102	85.11	87	-24	-27.59
PARMER	16	64	63.23	40	-24	-60.00
RUSK	94	152	77.95	118	-24	-20.34
BROWN	136	184	87.26	161	-25	-15.53
FLOYD	16	64	63.42	41	-25	-60.98
WEBB	11	527	6.86	36	-25	-69.44
CROSBY	16	73	59.45	43	-27	-62.79
LAVACA	69	112	85.92	96	-27	-28.13
SCURRY	102	173	74.51	129	-27	-20.93
CASTRO	0	49	57.51	28	-28	-100.00
COLEMAN	102	147	88.24	130	-28	-21.54
GOLIAD	25	87	60.41	53	-28	-52.83
FAYETTE	161	224	84.98	190	-29	-15.26
HOPKINS	179	238	87.53	208	-29	-13.94
JONES	86	140	82.34	115	-29	-25.22
BLANCO	32	71	87.71	62	-30	-48.39
CALDWELL	63	167	55.49	93	-30	-32.26
UVALDE	54	193	43.78	84	-30	-35.71
DENTON	1,011	1,171	88.96	1,042	-31	-2.98
LIVE_OAK	30	88	69.07	61	-31	-50.82
ANDREWS	70	142	71.64	102	-32	-31.37
BEE	48	162	49.67	80	-32	-40.00
HAYS	168	279	71.73	200	-32	-16.00
PECOS	32	136	47.16	64	-32	-50.00
GAINES	40	106	69.01	73	-33	-45.21
GALVESTON	1,031	1,496	71.15	1,064	-33	-3.10

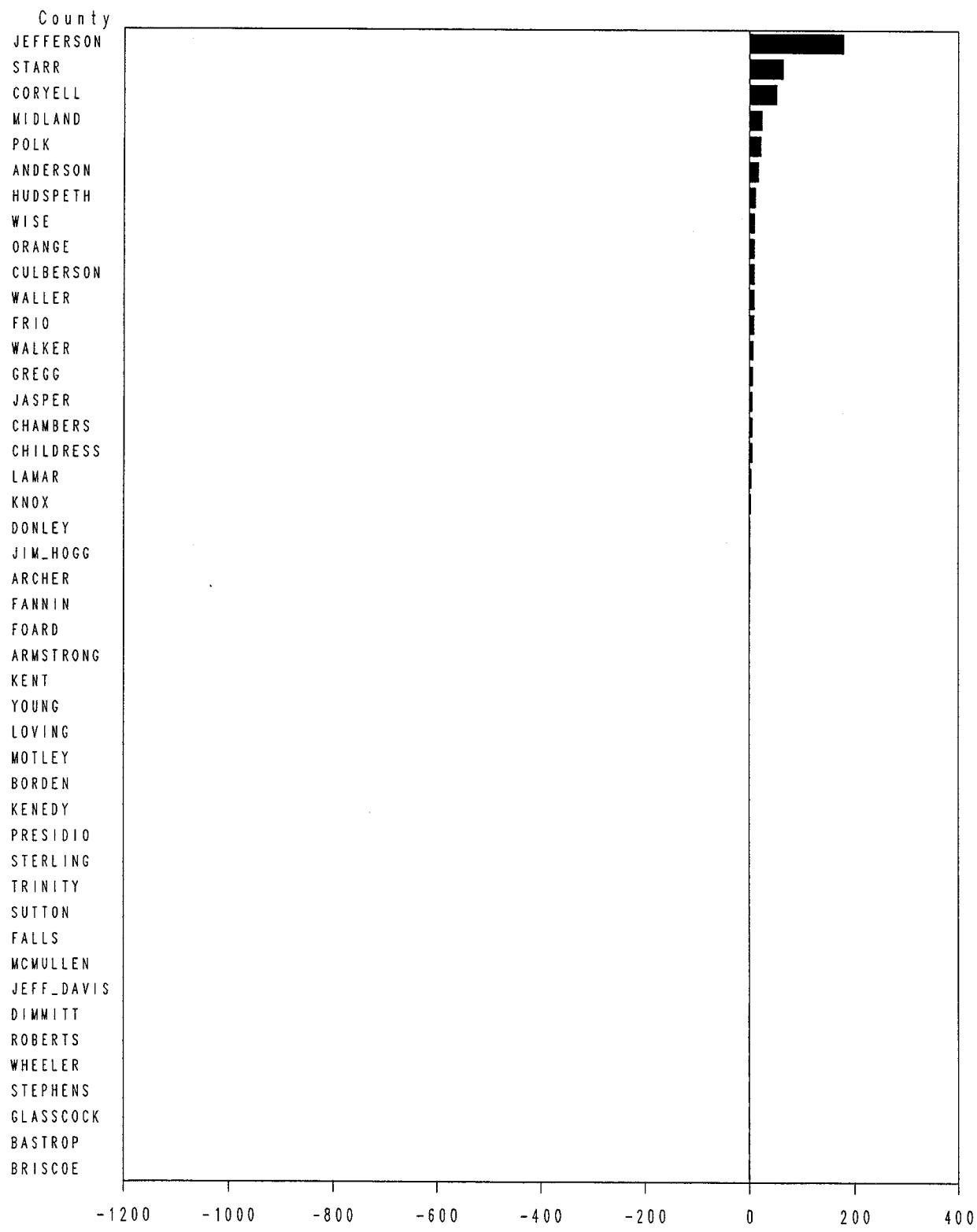
Anglo Over/Under Representation in DWI Arrests by County

County	# Anglos Arrested for DWI	Total # Arrested for DWI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
HUNT	306	391	86.74	339	-33	-9.73
RANDALL	323	384	92.83	356	-33	-9.27
GILLESPIE	47	91	88.73	81	-34	-41.98
LEE	87	155	77.97	121	-34	-28.10
FREESTONE	111	186	78.51	146	-35	-23.97
WASHINGTON	119	200	77.65	155	-36	-23.23
LAMB	76	181	64.43	117	-41	-35.04
KAUFMAN	399	539	81.73	441	-42	-9.52
SWISHER	50	130	71.09	92	-42	-45.65
WARD	124	258	64.26	166	-42	-25.30
DAWSON	18	105	59.07	62	-44	-70.97
WILBARGER	113	197	80.05	158	-45	-28.48
BAILEY	22	104	65.18	68	-46	-67.65
KENDALL	110	181	85.99	156	-46	-29.49
AUSTIN	146	245	79.38	194	-48	-24.74
ATASCOSA	86	266	51.04	136	-50	-36.76
WICHITA	652	832	84.47	703	-51	-7.25
JOHNSON	381	479	90.91	435	-54	-12.41
HOWARD	102	219	72.79	159	-57	-35.85
NAVARRO	273	433	76.36	331	-58	-17.52
LYNN	48	180	59.67	107	-59	-55.14
WILSON	75	202	66.21	134	-59	-44.03
COMANCHE	65	144	86.51	125	-60	-48.00
KLEBERG	72	347	38.71	134	-62	-46.27
MEDINA	60	209	58.99	123	-63	-51.22
FORT_BEND	359	680	62.25	423	-64	-15.13
CHEROKEE	316	492	78.78	388	-72	-18.56
WILLIAMSON	565	769	82.78	637	-72	-11.30
BRAZORIA	969	1,378	75.80	1,045	-76	-7.27
MCLENNAN	742	1,081	75.85	820	-78	-9.51
GUADALUPE	135	316	68.56	217	-82	-37.79
BRAZOS	447	679	78.66	534	-87	-16.29
SMITH	792	1,169	75.70	885	-93	-10.51
TERRY	157	394	63.50	250	-93	-37.20
VICTORIA	181	438	62.95	276	-95	-34.42
COLLIN	595	774	89.94	696	-101	-14.51
BELL	979	1,514	71.52	1,083	-104	-9.60
WHARTON	122	366	62.77	230	-108	-46.96
HALE	84	331	59.47	197	-113	-57.36
CAMERON	221	1,549	21.89	339	-118	-34.81
DEAF_SMITH	33	291	55.37	161	-128	-79.50
ECTOR	587	1,035	69.17	716	-129	-18.02
JIM_WELLS	109	821	29.89	245	-136	-55.51
TITUS	228	476	78.50	374	-146	-39.04
HOCKLEY	209	531	69.19	367	-158	-43.05
ELLIS	368	682	79.52	542	-174	-32.10
SAN_PATRICIO	206	748	51.54	386	-180	-46.63
NUECES	924	2,332	47.37	1,105	-181	-16.38
DALLAS	7,324	11,265	67.04	7,552	-228	-3.02

Anglo Over/Under Representation in DWI Arrests by County

County	# Anglos Arrested for DWI	Total # Arrested for DWI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
TAYLOR	868	1,355	82.05	1,112	-244	-21.94
TARRANT	4,297	5,792	78.65	4,555	-258	-5.66
TOM_GREEN	733	1,530	73.55	1,125	-392	-34.84
LUBBOCK	738	1,599	73.91	1,182	-444	-37.56
HIDALGO	239	3,993	18.22	728	-489	-67.17
EL_PASO	463	3,701	30.19	1,117	-654	-58.55
TRAVIS	2,475	4,608	71.42	3,291	-816	-24.79
HARRIS	7,459	13,931	61.41	8,555	-1,096	-12.81
BEXAR	2,239	7,203	47.20	3,400	-1,161	-34.15

ANGLO OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY

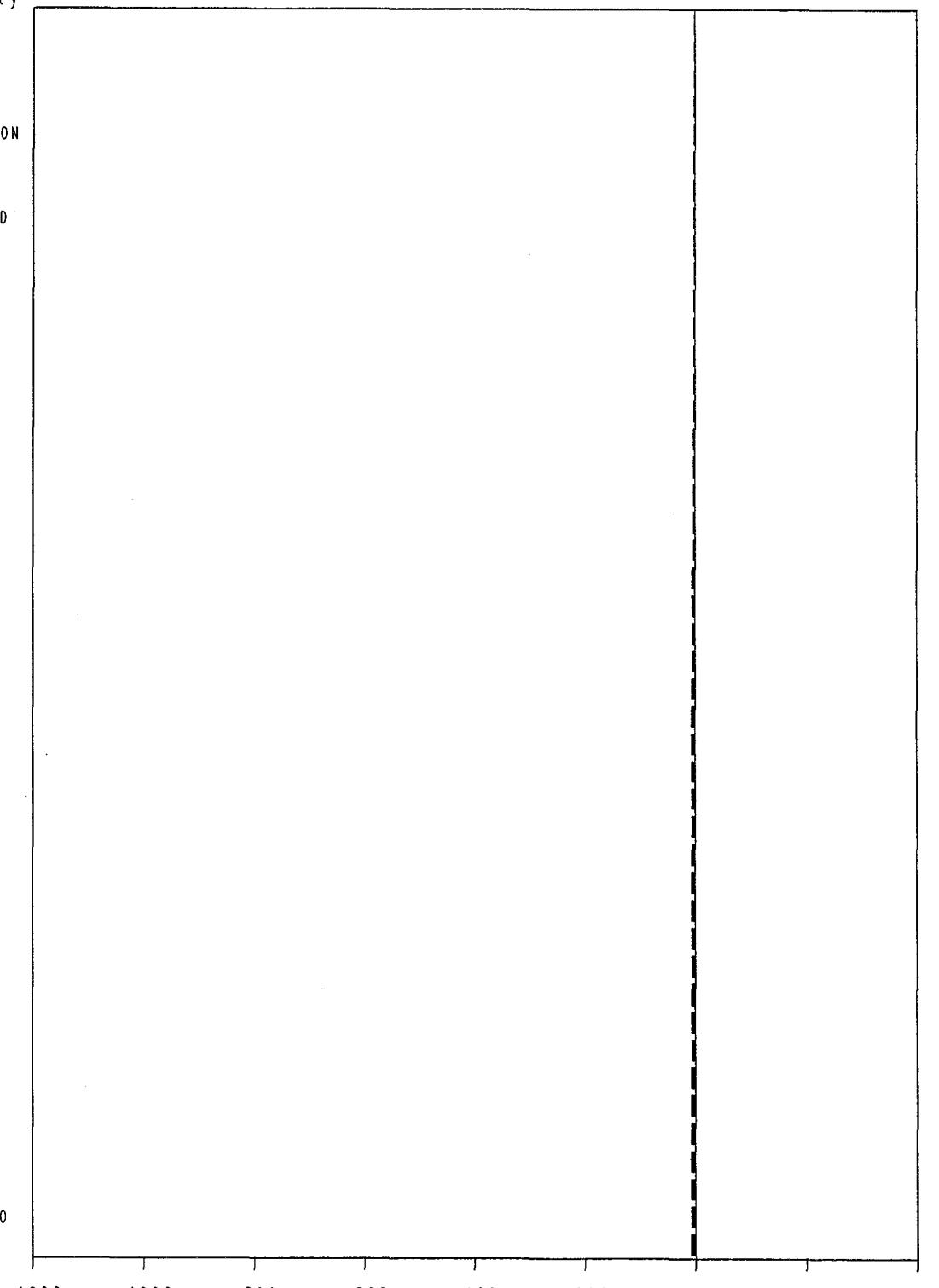


Over/Under Representation of Anglos

ANGLO OVER/UNDER REPRESENTATION
IN DWI ARREST BY COUNTY (continued)

County

LIPSCOMB
NEWTON
KING
MARTIN
THROCKMORTON
PANOLA
SOMERVELL
SHACKELFORD
MARION
EDWARDS
LIMESTONE
HARTLEY
BAYLOR
TERRELL
ZAVALA
VALVERDE
REAL
SABINE
RAINS
HOUSTON
FRANKLIN
BOSQUE
BURLESON
CONCHO
WINKLER
BOWIE
KIMBLE
COTTLE
HANSFORD
MENARD
HENDERSON
POTTER
FISHER
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OLDHAM

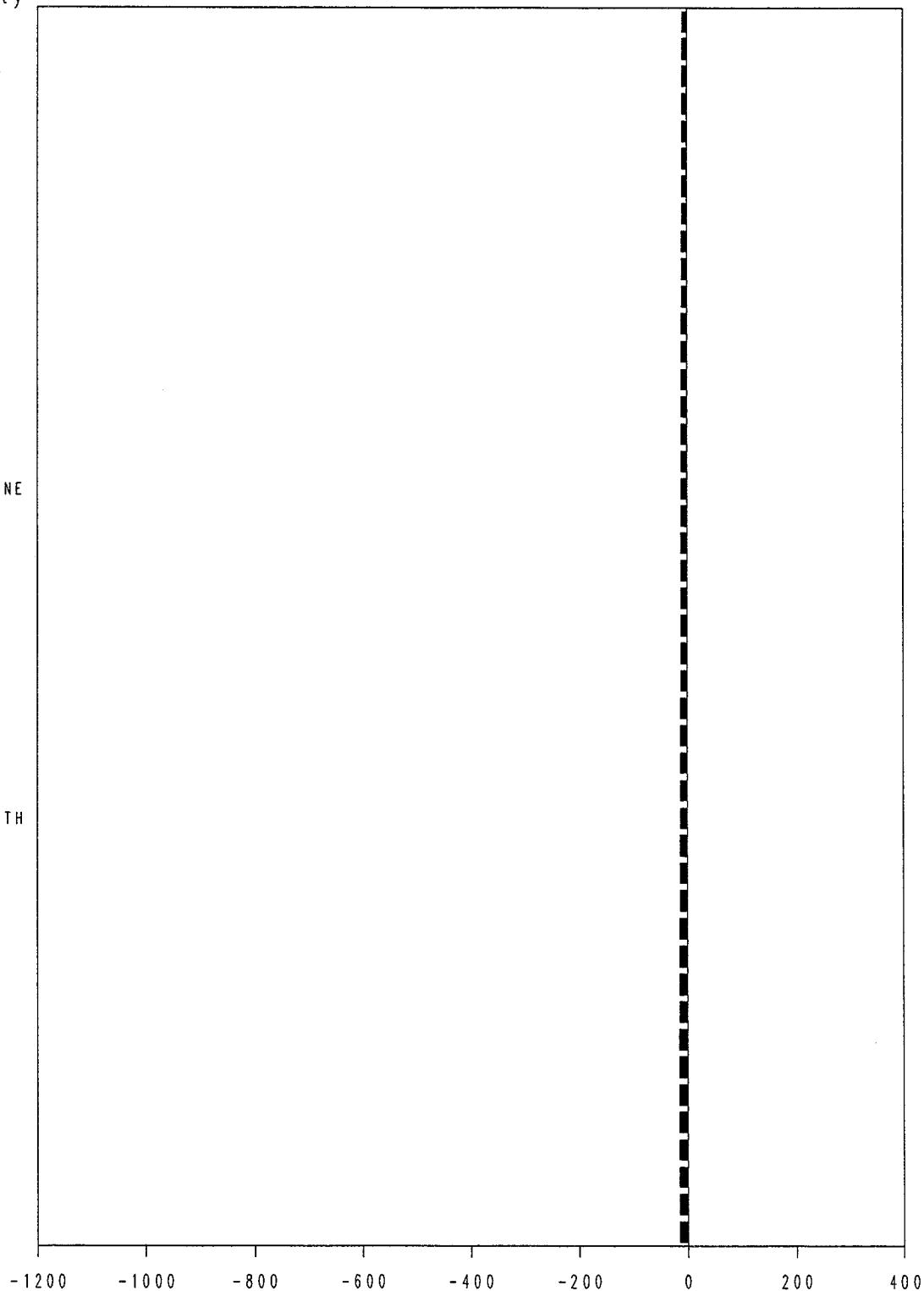


Over/Under Representation of Anglos

ANGLO OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)

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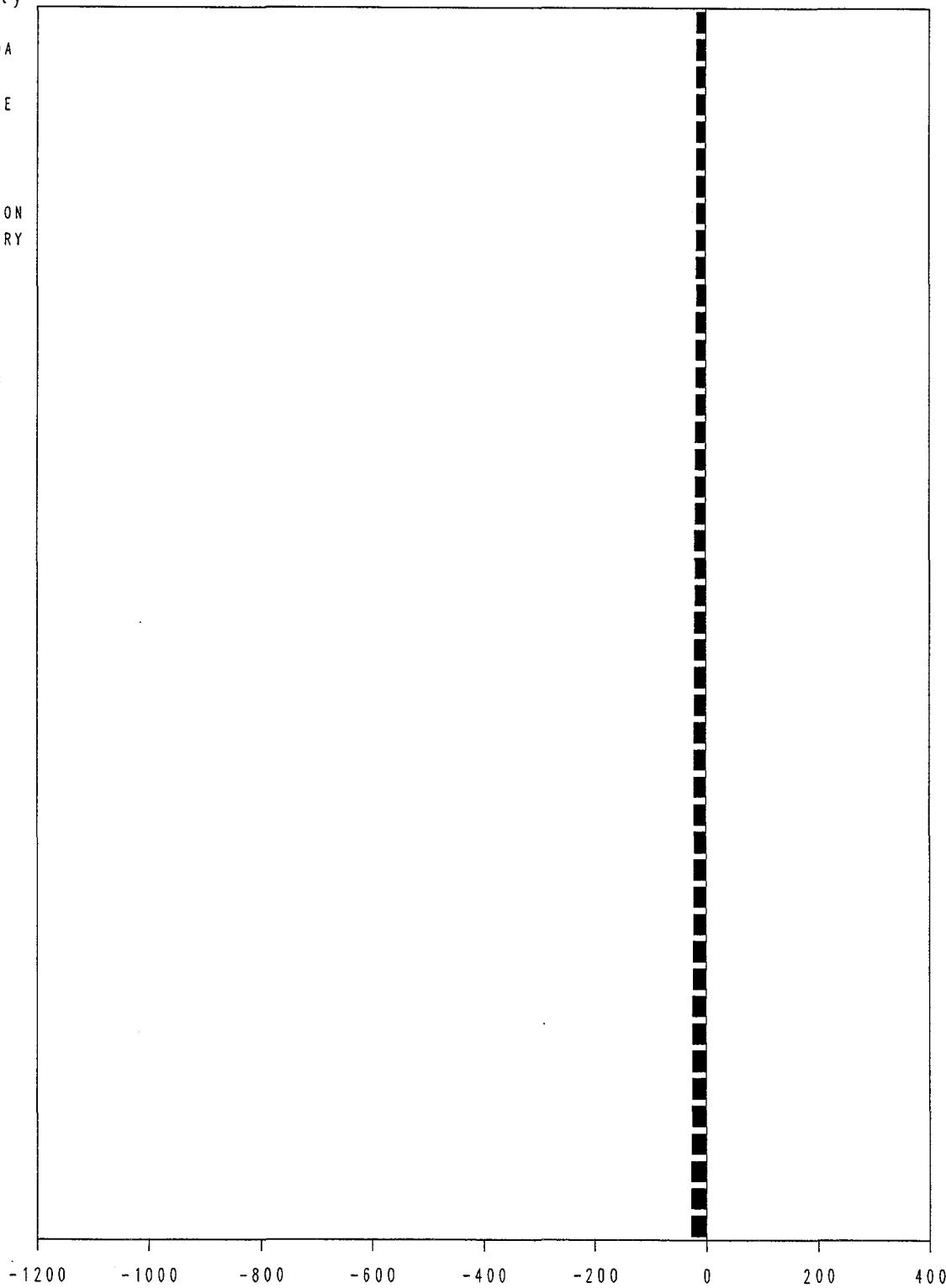
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NACOGDOCHES
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CASS
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BREWSTER
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BANDERA
TYLER
DALLAM
HARDEMAN
ROBERTSON
KINNEY
SAN_AUGUSTINE
HARDIN
COOKE
SAN_SABA
COLORADO
REAGAN
WOOD
VAN_ZANDT
HALL
LLANO
WILLACY
PARKER
COLLINGSWORTH
CARSON
SHELBY
MADISON
PALO_PINTO
RED_RIVER
MOORE
GRIMES
SHERMAN
ARANSAS
UPSHUR
COMAL
MILLS
SCHLEICHER
MCCULLOUGH
ANGELINA



ANGLO OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)

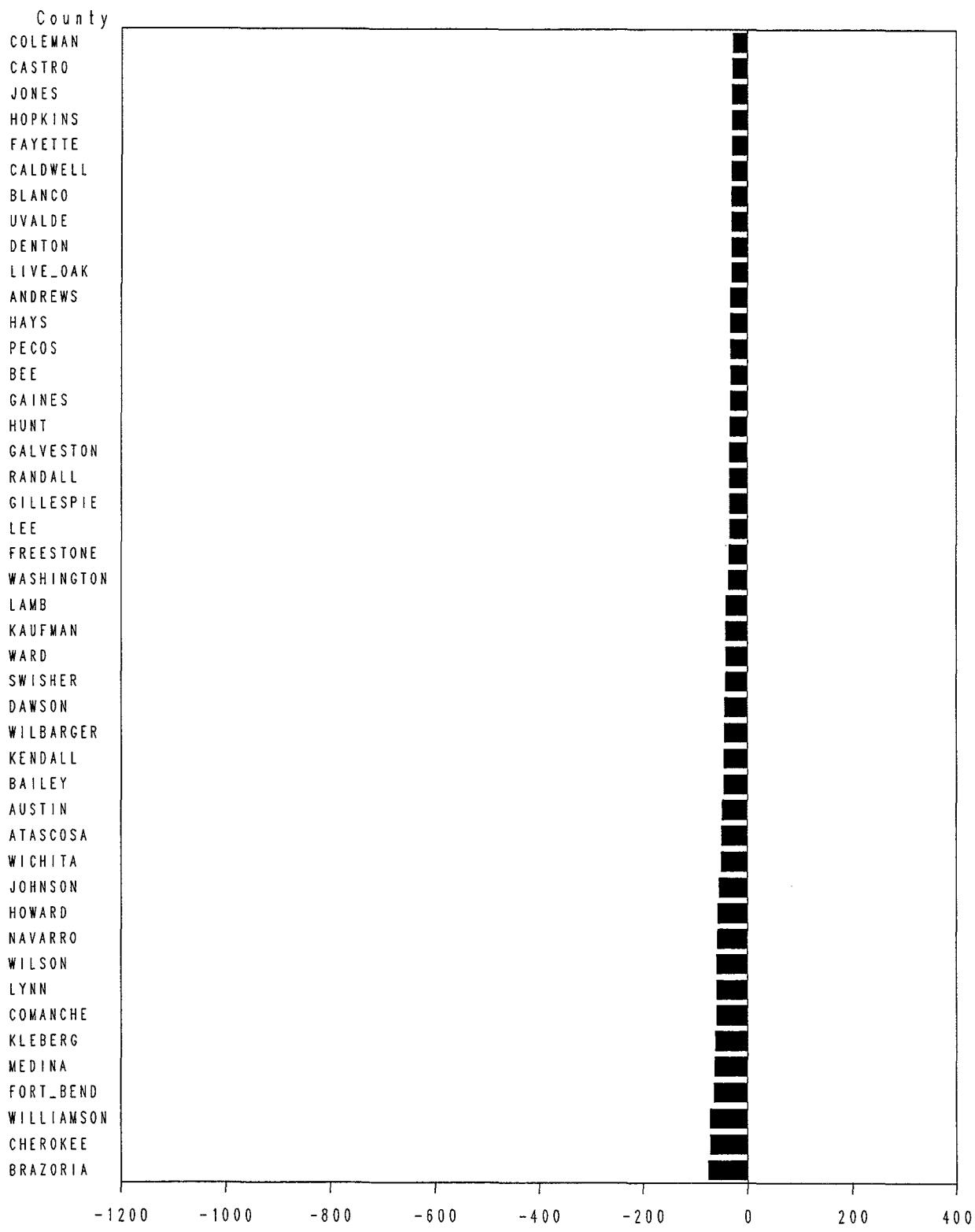
County

GRAY
MATAGORDA
ERATH
OCHILTREE
LEON
DEWITT
EASTLAND
HUTCHINSON
MONTGOMERY
MASON
COCHRAN
ROCKWALL
CRANE
HAMILTON
JACK
HASKELL
CALHOUN
KERR
JACKSON
HARRISON
MILAM
UPTON
KARNES
ZAPATA
REEVES
HOOD
LIBERTY
RUNNELS
IRION
YOAKUM
NOLAN
MITCHELL
BURNET
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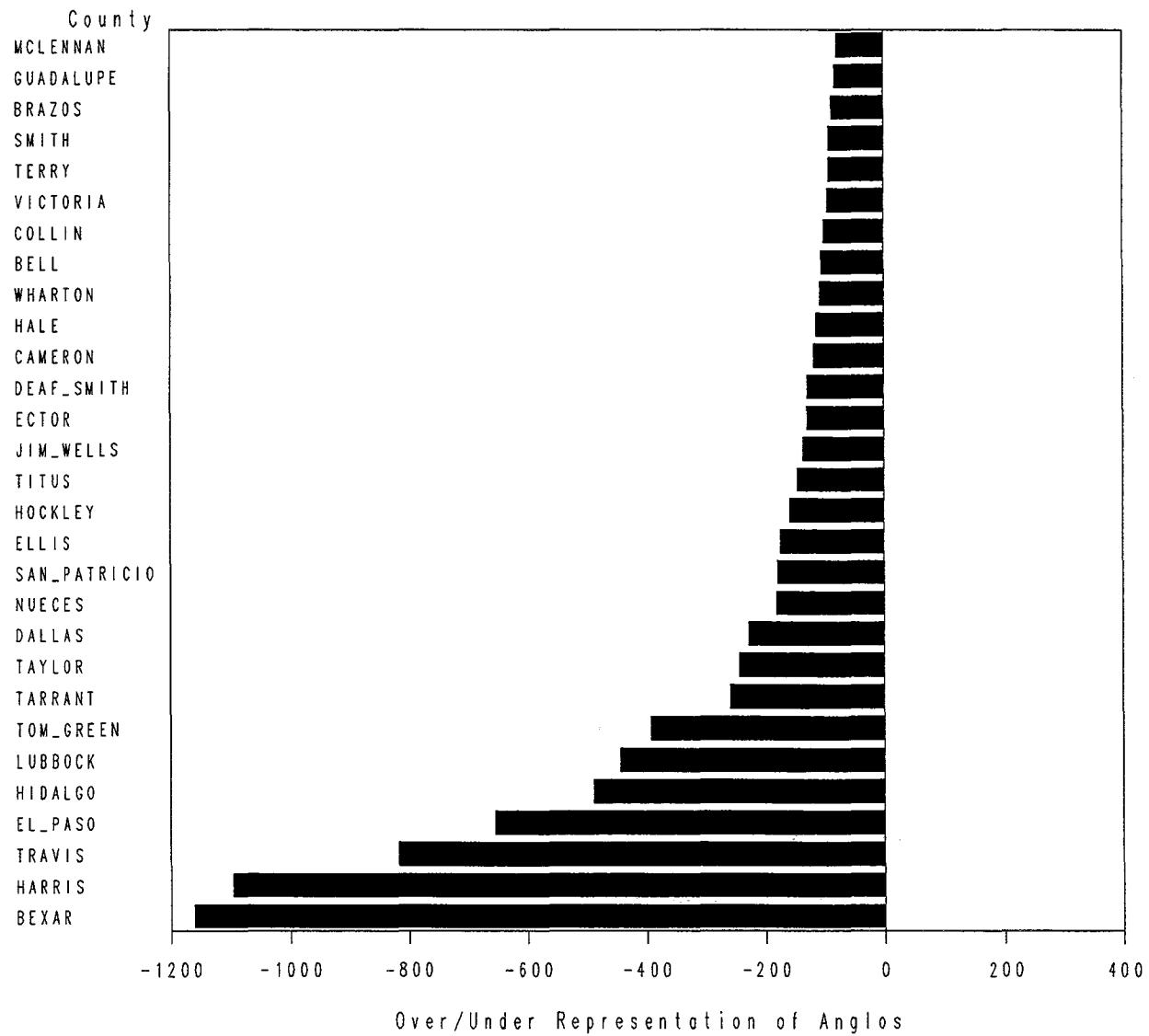
Over/Under Representation of Anglos

ANGLO OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)



Over/Under Representation of Anglos

ANGLO OVER/UNDER REPRESENTATION
IN DWI ARRESTS BY COUNTY (continued)



Appendix D
**Numeric and Graphic Display of Hispanic Over/Under
Representation in PI Arrests by County**



Hispanic Over/Under Representation in PI Arrests by County

County	# Hispanics Arrested for PI	Total # Arrested for PI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
HARRIS	11,459	30,557	20.84	6,368	5,091	79.95
BEXAR	6,198	9,591	46.04	4,416	1,782	40.35
HIDALGO	7,948	8,299	81.61	6,773	1,175	17.35
DALLAS	4,283	21,483	14.85	3,190	1,093	34.26
TRAVIS	2,210	6,300	18.87	1,189	1,021	85.87
CAMERON	6,762	7,716	77.87	6,008	754	12.55
EL_PASO	3,846	4,673	66.28	3,097	749	24.18
TARRANT	1,595	9,021	10.47	944	651	68.96
TOM_GREEN	1,016	1,796	22.60	406	610	150.25
FORT_BEND	849	1,522	18.23	277	572	206.50
LUBBOCK	838	1,785	19.40	346	492	142.20
NUECES	2,726	4,604	48.66	2,240	486	21.70
GALVESTON	949	4,232	12.91	546	403	73.81
MATAGORDA	639	1,154	21.55	249	390	156.63
BRAZORIA	891	3,257	15.85	516	375	72.67
WHARTON	503	804	22.50	181	322	177.90
VICTORIA	620	972	30.80	299	321	107.36
COLLIN	407	1,394	6.24	87	320	367.82
ECTOR	952	2,462	26.46	651	301	46.24
MCLENNAN	477	1,687	10.46	176	301	171.02
HOWARD	399	725	23.63	171	228	133.33
DENTON	326	1,669	6.33	106	220	207.55
JIM_WELLS	1,022	1,153	69.63	803	219	27.27
BEE	513	629	47.65	300	213	71.00
ELLIS	278	678	11.37	77	201	261.04
TAYLOR	377	1,464	12.33	181	196	108.29
GUADALUPE	349	650	26.19	170	179	105.29
COMAL	313	703	19.70	138	175	126.81
TITUS	213	494	9.23	46	167	363.04
HALE	288	362	35.68	129	159	123.26
POTTER	463	1,871	16.35	306	157	51.31
HAYS	315	640	24.88	159	156	98.11
CALHOUN	301	531	32.64	173	128	73.99
MEDINA	243	307	40.73	125	118	94.40
SAN_PATRICIO	912	1,690	47.08	796	116	14.57
WICHITA	260	1,967	7.31	144	116	80.56
KARNES	248	318	42.45	135	113	83.70
ANDERSON	155	537	8.14	44	111	252.27
HOCKLEY	208	360	27.00	97	111	114.43
SMITH	161	993	4.99	50	111	222.00
BELL	363	2,156	11.73	253	110	43.48
ATASCOSA	328	459	48.60	223	105	47.09
KLEBERG	381	478	58.00	277	104	37.55
MILAM	149	359	12.77	46	103	223.91
BRAZOS	192	763	11.99	91	101	110.99
MIDLAND	393	1,568	18.73	294	99	33.67
CHEROKEE	122	412	5.89	24	98	408.33
DEAF_SMITH	194	225	43.15	97	97	100.00
WILLIAMSON	208	890	12.77	114	94	82.46

Hispanic Over/Under Representation in PI Arrests by County

County	# Hispanics Arrested for PI	Total # Arrested for PI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
MOORE	155	236	27.03	64	91	142.19
NAVARRO	116	450	6.39	29	87	300.00
UVALDE	267	321	56.04	180	87	48.33
SCURRY	133	247	20.38	50	83	166.00
WILLACY	488	501	81.07	406	82	20.20
LAVACA	89	197	7.57	15	74	493.33
AUSTIN	88	230	8.72	20	68	340.00
DEWITT	108	210	21.42	45	63	140.00
CALDWELL	131	202	33.94	69	62	89.86
GILLESPIE	78	142	11.17	16	62	387.50
ROBERTSON	80	184	10.36	19	61	321.05
WILSON	105	133	32.73	44	61	138.64
ANGELINA	108	678	7.08	48	60	125.00
FRIO	350	428	68.01	291	59	20.27
COMANCHE	74	129	13.45	17	57	335.29
GREGG	100	1,453	3.00	44	56	127.27
WILBARGER	79	205	11.64	24	55	229.17
WALLER	69	205	8.98	18	51	283.33
JOHNSON	77	429	6.78	29	48	165.52
TERRY	140	274	33.56	92	48	52.17
VAL_VERDE	520	710	66.41	472	48	10.17
DAWSON	95	131	36.85	48	47	97.92
NOLAN	99	246	21.72	53	46	86.79
ROCKWALL	63	327	5.16	17	46	270.59
BASTROP	84	247	15.75	39	45	115.38
VAN_ZANDT	61	464	3.39	16	45	281.25
BURNET	66	260	8.28	22	44	200.00
HILL	53	129	6.82	9	44	488.89
ZAVALA	320	320	86.27	276	44	15.94
BAILEY	72	89	33.13	29	43	148.28
MONTGOMERY	61	288	6.42	18	43	238.89
KENDALL	62	149	13.75	20	42	210.00
BROWN	69	313	9.00	28	41	146.43
COLORADO	59	136	13.32	18	41	227.78
REFUGIO	81	108	37.71	41	40	97.56
GRIMES	60	167	12.62	21	39	185.71
JACKSON	61	113	19.11	22	39	177.27
COOKE	53	432	3.52	15	38	253.33
WOOD	45	349	2.25	8	37	462.50
LIVE_OAK	69	107	30.89	33	36	109.09
NACOGDOCHES	59	514	4.39	23	36	156.52
PECOS	124	169	52.54	89	35	39.33
SWISHER	58	92	25.17	23	35	152.17
GAINES	66	112	28.95	32	34	106.25
MAVERICK	1,017	1,065	92.28	983	34	3.46
BANDERA	50	179	9.73	17	33	194.12
BROOKS	324	331	87.90	291	33	11.34
LIBERTY	65	689	4.79	33	32	96.97
WARD	96	197	32.71	64	32	50.00

Hispanic Over/Under Representation in PI Arrests by County

County	# Hispanics Arrested for PI	Total # Arrested for PI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
STEPHENS	35	61	6.47	4	31	775.00
WASHINGTON	42	283	3.76	11	31	281.82
SHELBY	33	244	2.15	5	28	560.00
LEE	41	161	8.63	14	27	192.86
ERATH	47	298	7.13	21	26	123.81
GOLIAD	50	75	33.08	25	25	100.00
KERR	69	318	13.86	44	25	56.82
GONZALES	50	85	31.10	26	24	92.31
LAMPASAS	40	146	11.05	16	24	150.00
ARANSAS	61	227	16.94	38	23	60.53
BREWSTER	50	72	38.99	28	22	78.57
MADISON	30	78	10.87	8	22	275.00
CAMP	25	100	4.34	4	21	525.00
WINKLER	80	188	31.21	59	21	35.59
YOAKUM	47	82	32.02	26	21	80.77
HOOD	29	246	3.80	9	20	222.22
HUTCHINSON	39	237	8.09	19	20	105.26
JONES	36	113	14.08	16	20	125.00
LAMB	42	72	30.74	22	20	90.91
PALO_PINTO	41	293	7.66	22	19	86.36
PARMER	33	39	35.52	14	19	135.71
FREESTONE	20	65	3.24	2	18	900.00
KAUFMAN	36	327	5.42	18	18	100.00
RANDALL	27	147	6.03	9	18	200.00
WEBB	300	303	93.08	282	18	6.38
FAYETTE	21	61	7.31	4	17	425.00
PARKER	23	168	3.57	6	17	283.33
UPTON	30	39	32.95	13	17	130.77
CASTRO	32	39	39.91	16	16	100.00
JEFFERSON	153	2,862	4.80	137	16	11.68
SOMERVELL	24	71	10.96	8	16	200.00
BLANCO	20	44	11.40	5	15	300.00
GRAY	27	222	5.99	13	14	107.69
LYNN	37	62	37.13	23	14	60.87
REEVES	198	268	68.57	184	14	7.61
SAN_AUGUSTINE	15	102	1.41	1	14	1400.00
TRINITY	21	378	1.90	7	14	200.00
FLOYD	28	44	33.00	15	13	86.67
HOPKINS	25	273	4.25	12	13	108.33
MCCULLOUGH	30	74	22.69	17	13	76.47
BOSQUE	15	42	7.28	3	12	400.00
COCHRAN	26	38	36.61	14	12	85.71
CRANE	23	37	29.08	11	12	109.09
LA_SALLE	77	87	74.51	65	12	18.46
LEON	16	131	3.35	4	12	300.00
COLLINGSWORTH	18	57	12.12	7	11	157.14
GRAYSON	58	1,933	2.45	47	11	23.40
HAMILTON	14	91	3.82	3	11	366.67
MARTIN	20	26	35.08	9	11	122.22

Hispanic Over/Under Representation in PI Arrests by County

County	# Hispanics Arrested for PI	Total # Arrested for PI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
MONTAGUE	13	96	2.28	2	11	550.00
NEWTON	12	130	1.08	1	11	1100.00
RUSK	16	165	3.33	5	11	220.00
FRANKLIN	13	82	3.82	3	10	333.33
REAGAN	22	33	37.65	12	10	83.33
CROCKETT	26	38	45.46	17	9	52.94
EASTLAND	21	193	6.03	12	9	75.00
LLANO	13	129	3.07	4	9	225.00
UPSHUR	11	139	1.65	2	9	450.00
HARRISON	21	663	1.90	13	8	61.54
MENARD	17	34	27.81	9	8	88.89
SAN_SABA	12	23	16.09	4	8	200.00
CALLAHAN	8	42	3.47	1	7	700.00
CARSON	9	55	4.26	2	7	350.00
COKE	8	15	9.90	1	7	700.00
CROSBY	16	25	36.31	9	7	77.78
HANSFORD	9	14	16.86	2	7	350.00
KINNEY	15	17	46.57	8	7	87.50
LAMAR	12	511	0.89	5	7	140.00
PANOLA	11	199	1.80	4	7	175.00
RUNNELS	12	23	20.76	5	7	140.00
SABINE	8	100	0.74	1	7	700.00
WALKER	31	226	10.46	24	7	29.17
ANDREWS	26	77	26.57	20	6	30.00
CHILDRESS	12	52	10.66	6	6	100.00
COLEMAN	13	72	9.62	7	6	85.71
DIMMITT	182	216	81.37	176	6	3.41
GARZA	16	43	23.90	10	6	60.00
HALL	10	27	14.10	4	6	150.00
HENDERSON	40	1,039	3.32	34	6	17.65
JIM_HOGG	121	128	90.23	115	6	5.22
MILLS	8	22	8.26	2	6	300.00
OCHILTREE	19	83	15.20	13	6	46.15
SAN_JACINTO	8	105	2.21	2	6	300.00
SHERMAN	9	16	15.89	3	6	200.00
STONEWALL	7	11	9.72	1	6	600.00
SUTTON	31	59	42.75	25	6	24.00
DUVAL	158	178	85.80	153	5	3.27
HASKELL	13	48	15.69	8	5	62.50
HOUSTON	9	95	4.30	4	5	125.00
JACK	7	75	2.42	2	5	250.00
MITCHELL	20	60	25.80	15	5	33.33
REAL	8	12	21.38	3	5	166.67
ZAPATA	93	115	76.27	88	5	5.68
COTTE	6	16	11.98	2	4	200.00
DALLAM	11	40	18.36	7	4	57.14
DICKENS	6	14	15.50	2	4	200.00
EDWARDS	9	11	45.83	5	4	80.00
TYLER	6	185	0.98	2	4	200.00

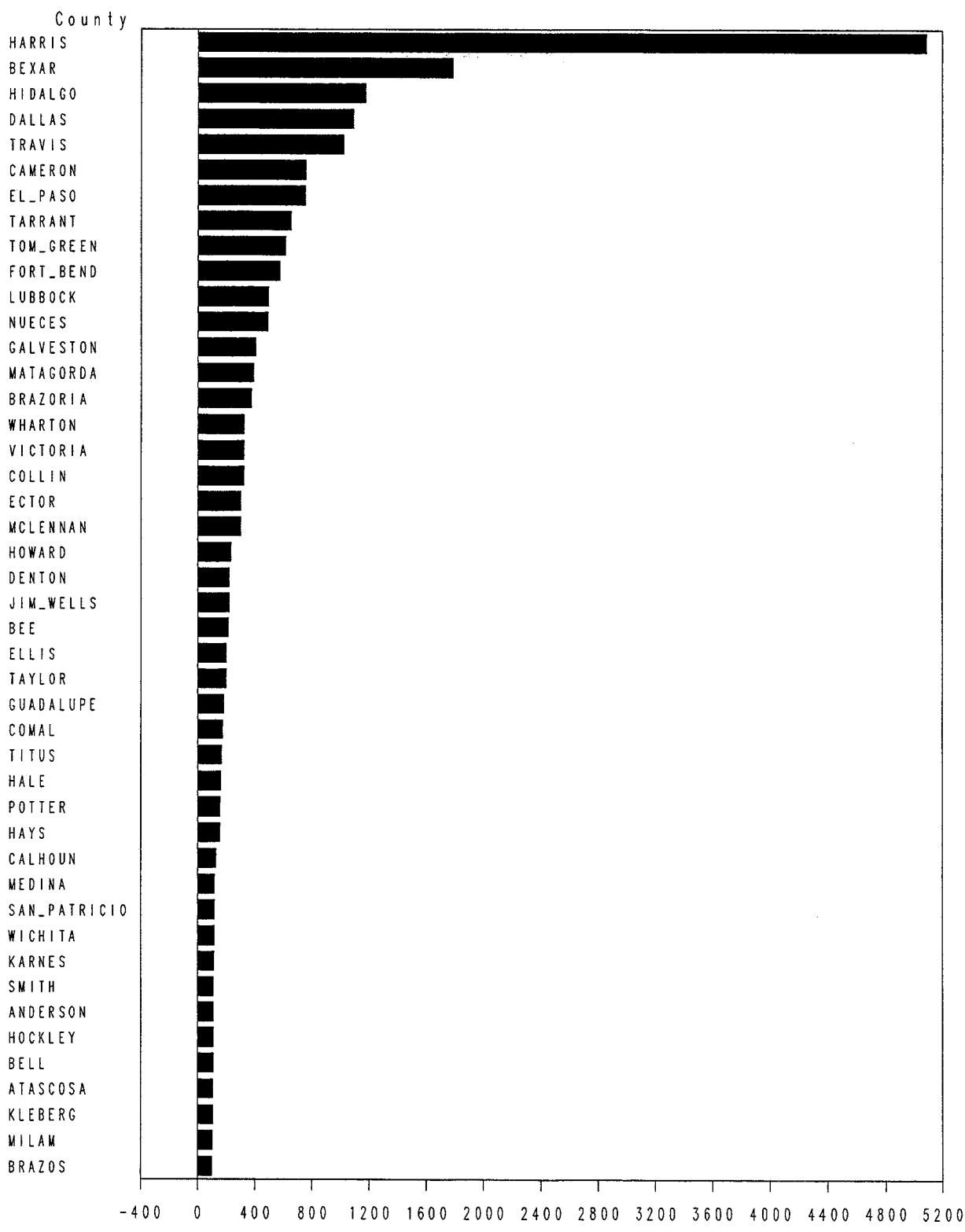
Hispanic Over/Under Representation in PI Arrests by County

County	# Hispanics Arrested for PI	Total # Arrested for PI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
YOUNG	10	120	5.06	6	4	66.67
BOWIE	12	539	1.61	9	3	33.33
CHAMBERS	27	474	5.10	24	3	12.50
CONCHO	8	13	37.68	5	3	60.00
DELTA	4	52	1.12	1	3	300.00
OLDHAM	4	18	7.02	1	3	300.00
RAINS	5	106	1.94	2	3	150.00
RED_RIVER	4	67	1.44	1	3	300.00
SHACKELFORD	3	7	6.11	0	3	0.00
HARDEMAN	9	91	8.20	7	2	28.57
HEMPHILL	2	4	8.37	0	2	0.00
IRION	6	16	22.07	4	2	50.00
KIMBLE	10	49	15.88	8	2	25.00
MASON	4	10	16.18	2	2	100.00
MORRIS	4	105	1.45	2	2	100.00
TERRELL	9	13	50.00	7	2	28.57
WHEELER	3	29	4.95	1	2	200.00
BRISCOE	2	6	14.45	1	1	100.00
BURLESON	10	86	10.34	9	1	11.11
CLAY	2	45	2.03	1	1	100.00
THROCKMORTON	1	6	6.20	0	1	0.00
ARCHER	0	14	2.27	0	0	0.00
ARMSTRONG	0	5	2.53	0	0	0.00
BORDEN	0	0	10.85	0	0	0.00
FISHER	0	0	17.83	0	0	0.00
GLASSCOCK	1	2	26.71	1	0	0.00
HARDIN	6	423	1.37	6	0	0.00
HARTLEY	0	0	4.35	0	0	0.00
JASPER	5	349	1.50	5	0	0.00
JEFF_DAVIS	0	0	36.88	0	0	0.00
KENEDY	0	0	75.50	0	0	0.00
KENT	0	2	10.13	0	0	0.00
LIPSCOMB	0	5	8.98	0	0	0.00
LOVING	0	0	13.58	0	0	0.00
MCMULLEN	0	0	37.04	0	0	0.00
MOTLEY	0	0	7.46	0	0	0.00
PRESIDIO	12	15	78.77	12	0	0.00
ROBERTS	0	0	2.23	0	0	0.00
STERLING	0	1	22.94	0	0	0.00
CASS	0	112	1.05	1	-1	-100.00
DONLEY	0	54	2.74	1	-1	-100.00
FANNIN	2	163	1.57	3	-1	-33.33
FOARD	0	8	10.90	1	-1	-100.00
KING	0	9	12.81	1	-1	-100.00
KNOX	0	3	18.40	1	-1	-100.00
LIMESTONE	10	198	5.61	11	-1	-9.09
MARION	1	138	1.29	2	-1	-50.00
HUDSPETH	15	27	62.73	17	-2	-11.76
HUNT	29	801	3.91	31	-2	-6.45

Hispanic Over/Under Representation in PI Arrests by County

County	# Hispanics Arrested for PI	Total # Arrested for PI	Hispanic Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
ORANGE	12	663	2.12	14	-2	-14.29
SCHLEICHER	0	6	31.16	2	-2	-100.00
BAYLOR	0	54	5.58	3	-3	-100.00
FALLS	3	66	10.67	7	-4	-57.14
CORYELL	10	168	8.97	15	-5	-33.33
CULBERSON	14	28	66.71	19	-5	-26.32
WISE	12	297	6.27	19	-7	-36.84
POLK	12	485	4.12	20	-8	-40.00
STARR	1,079	1,218	96.80	1,179	-100	-8.48

HISPANIC OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY

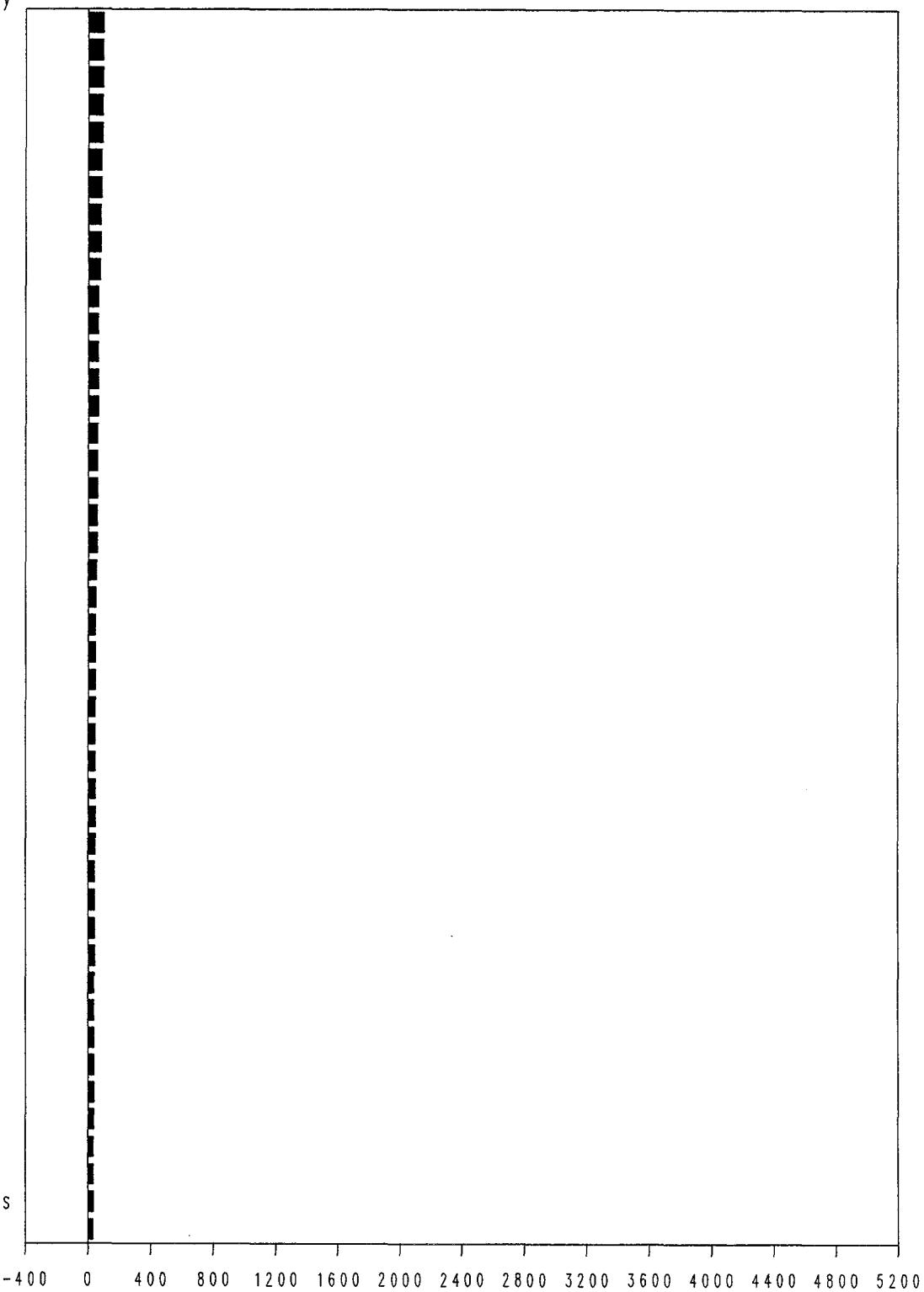


Over/Under Representation of Hispanics

HISPANIC OVER/UNDER REPRESENTATION
IN PI ARREST BY COUNTY (continued)

County

MIDLAND
CHEROKEE
DEAF_SMITH
WILLIAMSON
MOORE
NAVARRO
UVALDE
SCURRY
WILLACY
LAVACA
AUSTIN
DEWITT
CALDWELL
GILLESPIE
WILSON
ROBERTSON
ANGELINA
FRIO
COMANCHE
GREGG
WILBARGER
WALLER
VAL_VERDE
TERRY
JOHNSON
DAWSON
ROCKWALL
NOLAN
VAN_ZANDT
BASTROP
BURNET
HILL
ZAVALA
BAILEY
MONTGOMERY
KENDALL
COLORADO
BROWN
REFUGIO
JACKSON
GRIMES
COOKE
WOOD
NACOGDOCHES
LIVE_OAK



Over/Under Representation of Hispanics

**HISPANIC OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)**

County

PECOS
SWISHER
MAVERICK
GAINES
BROOKS
BANDERA
LIBERTY
WARD
WASHINGTON
STEPHENS
SHELBY
LEE
ERATH
GOLIAD
KERR
LAMPASAS
GONZALES
ARANSAS
BREWSTER
MADISON
WINKLER
YOAKUM
CAMP
JONES
LAMB
HUTCHINSON
HOOD
PARMER
PALO_PINTO
KAUFMAN
RANDALL
WEBB
FREESTONE
UPTON
PARKER
FAYETTE
CASTRO
SOMERVELL
JEFFERSON
BLANCO
REEVES
LYNN
TRINITY
GRAY
SAN_AUGUSTINE

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0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0		0	0	0	0	0	0	0	0	0	0	0	0	

Over/Under Representation of Hispanics

HISPANIC OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)

County

FLOYD
HOPKINS
MCCULLOUGH
CRANE
LA_SALLE
COCHRAN
BOSQUE
LEON
COLLINGSWORTH
MARTIN
MONTAGUE
GRAYSON
NEWTON
HAMILTON
RUSK
FRANKLIN
REAGAN
EASTLAND
LLANO
CROCKETT
UPSHUR
HARRISON
SAN_SABA
MENARD
LAMAR
PANOLA
WALKER
SABINE
RUNNELS
KINNEY
CROSBY
CARSON
HANSFORD
CALLAHAN
COKE
CHILDRESS
SHERMAN
OCHILTREE
DIMMITT
HALL
MILLS
COLEMAN
STONEWALL
SUTTON
GARZA

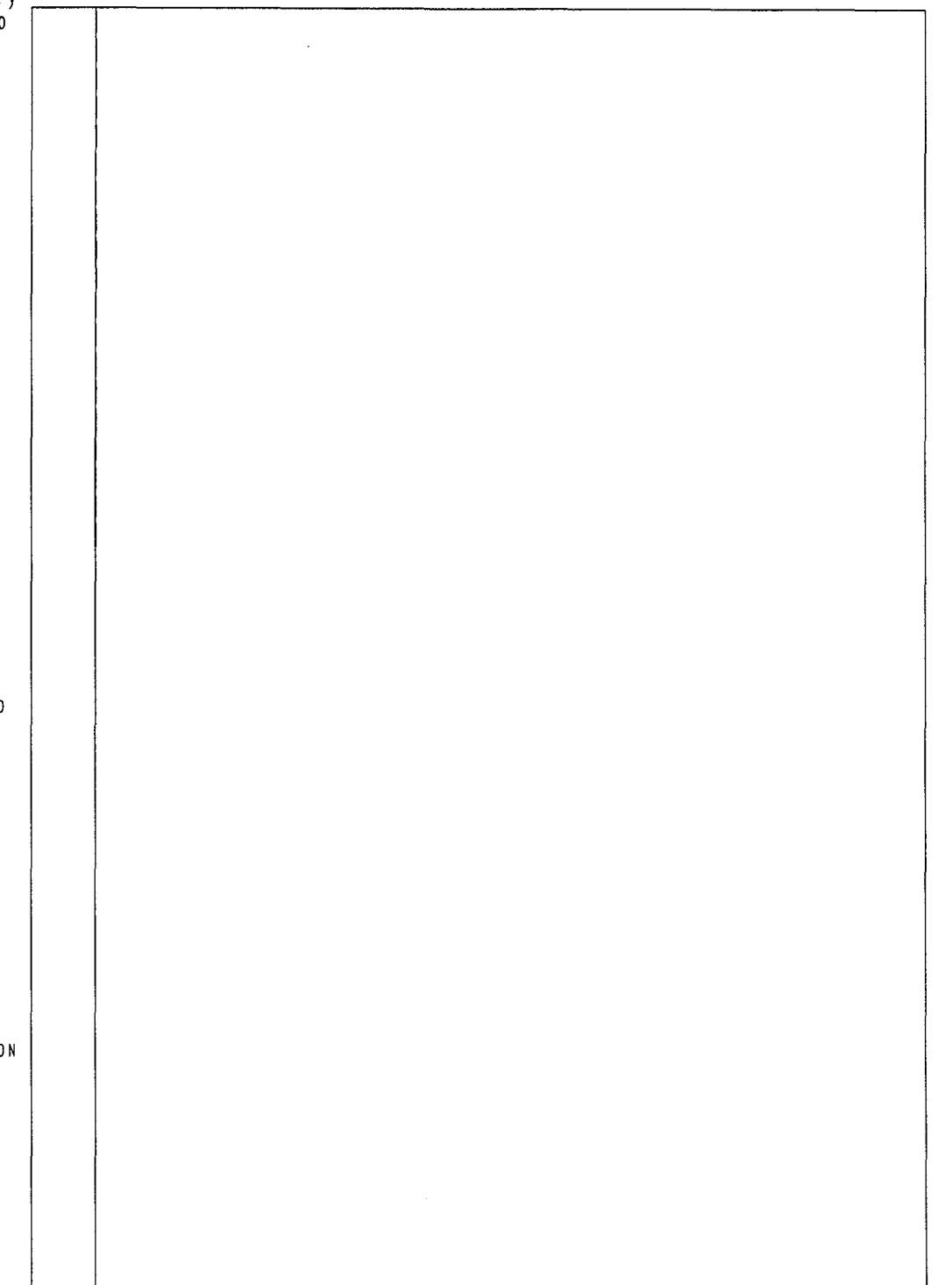
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0			0	0	0	0	0	0	0	0	0	0	0	0

Over/Under Representation of Hispanics

HISPANIC OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)

County

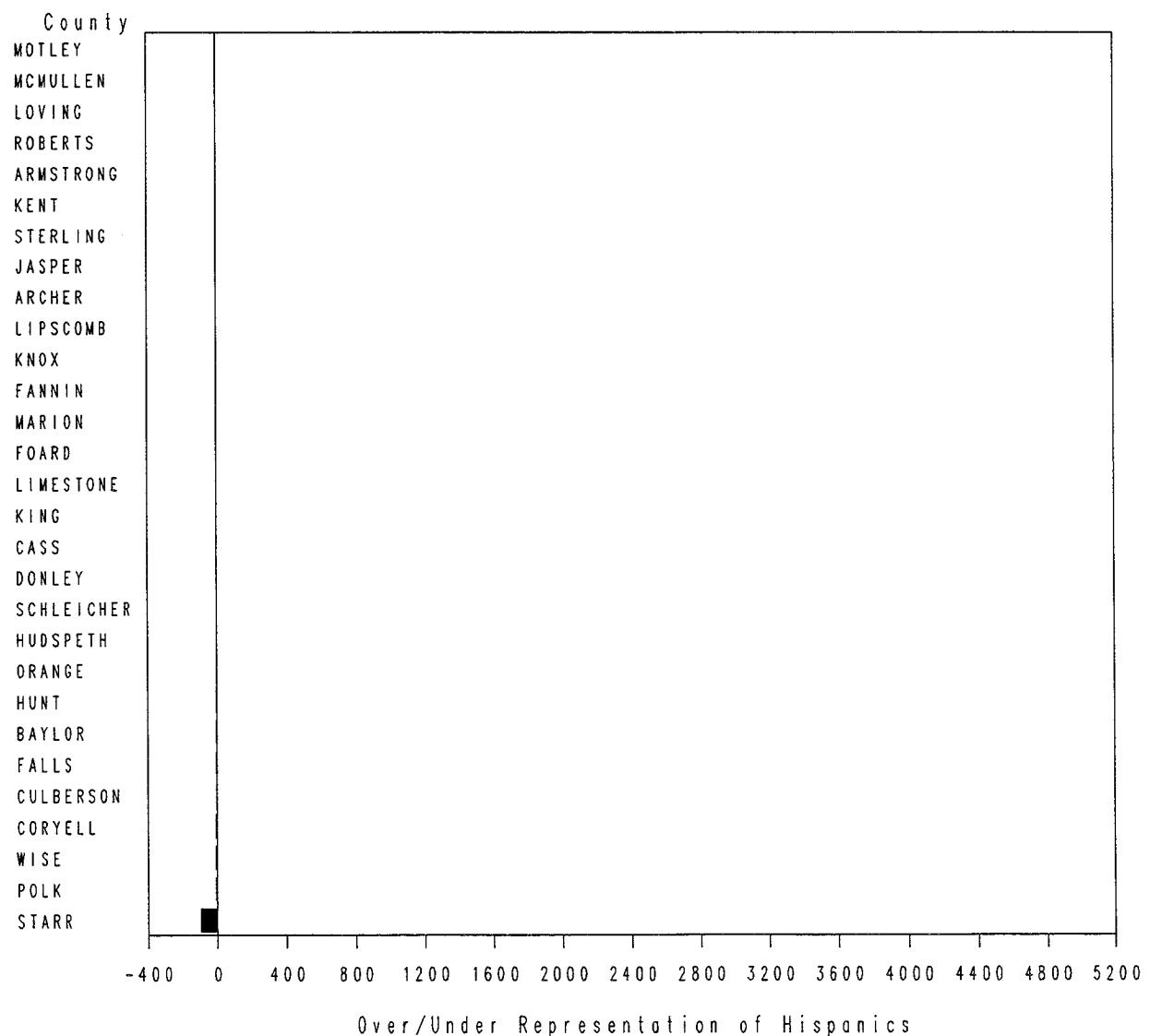
SAN_JACINTO
ANDREWS
HENDERSON
JIM_HOGG
HASKELL
REAL
ZAPATA
DUVAL
JACK
HOUSTON
MITCHELL
TYLER
COTTLE
EDWARDS
YOUNG
DICKENS
DALLAM
DELTA
BOWIE
CONCHO
RED_RIVER
RAINS
CHAMBERS
OLDHAM
SHACKELFORD
TERRELL
MORRIS
IRION
MASON
KIMBLE
HEMPHILL
WHEELER
HARDEMAN
BRISCOE
BURLESON
CLAY
THROCKMORTON
GLASSCOCK
HARDIN
PRESIDIO
FISHER
JEFF_DAVIS
HARTLEY
BORDEN
KENEDY



-400 0 400 800 1200 1600 2000 2400 2800 3200 3600 4000 4400 4800 5200

Over/Under Representation of Hispanics

HISPANIC OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)



Appendix E
**Numeric and Graphic Display of Black Over/Under
Representation in PI Arrests by County**



Black Over/Under Representation in PI Arrests by County

County	# Blacks Arrested for PI	Total # Arrested for PI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
HARRIS	7,597	30,557	17.75	5,424	2,173	40.06
DALLAS	5,634	21,483	18.10	3,888	1,746	44.91
JEFFERSON	1,028	2,862	28.25	809	219	27.07
GRAYSON	332	1,933	6.23	120	212	176.67
TRAVIS	823	6,300	9.70	611	212	34.70
HARRISON	355	663	26.25	174	181	104.02
HUNT	240	801	9.35	75	165	220.00
GALVESTON	807	4,232	15.95	675	132	19.56
BEXAR	754	9,591	6.75	647	107	16.54
MCLENNAN	335	1,687	13.69	231	104	45.02
MIDLAND	215	1,568	7.12	112	103	91.96
WICHITA	254	1,967	8.22	162	92	56.79
LUBBOCK	205	1,785	6.69	119	86	72.27
COLLIN	130	1,394	3.82	53	77	145.28
BOWIE	180	539	19.33	104	76	73.08
HOWARD	95	725	3.57	26	69	265.38
WILLIAMSON	109	890	4.45	40	69	172.50
JASPER	125	349	16.70	58	67	115.52
LAMAR	132	511	12.93	66	66	100.00
HENDERSON	139	1,039	7.25	75	64	85.33
SMITH	256	993	19.30	192	64	33.33
ELLIS	124	678	9.11	62	62	100.00
WASHINGTON	112	283	18.59	53	59	111.32
NAVARRO	127	450	17.25	78	49	62.82
RUSK	78	165	18.72	31	47	151.61
TITUS	108	494	12.27	61	47	77.05
TAYLOR	128	1,464	5.62	82	46	56.10
GREGG	295	1,453	17.32	252	43	17.06
TYLER	60	185	9.96	18	42	233.33
ECTOR	148	2,462	4.37	108	40	37.04
GRIMES	77	167	23.49	39	38	97.44
POLK	89	485	10.77	52	37	71.15
LIBERTY	123	689	12.68	87	36	41.38
TRINITY	82	378	12.35	47	35	74.47
GUADALUPE	68	650	5.25	34	34	100.00
MONTGOMERY	44	288	3.87	11	33	300.00
HARDIN	64	423	7.51	32	32	100.00
SAN_PATRICIO	55	1,690	1.39	23	32	139.13
MILAM	72	359	11.40	41	31	75.61
SHELBY	77	244	19.07	47	30	63.83
PANOLA	63	199	16.97	34	29	85.29
CHAMBERS	88	474	12.61	60	28	46.67
HOCKLEY	42	360	3.81	14	28	200.00
DENTON	106	1,669	4.72	79	27	34.18
LIMESTONE	62	198	18.14	36	26	72.22
HARDEMAN	29	91	5.49	5	24	480.00
HOPKINS	46	273	8.22	22	24	109.09
FALLS	39	66	25.55	17	22	129.41
SAN_AUGUSTINE	47	102	24.79	25	22	88.00

Black Over/Under Representation in PI Arrests by County

County	# Blacks Arrested for PI	Total # Arrested for PI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
ANGELINA	115	678	13.80	94	21	22.34
KAUFMAN	62	327	12.86	42	20	47.62
ORANGE	70	663	7.57	50	20	40.00
CASS	37	112	18.27	20	17	85.00
WILBARGER	34	205	8.31	17	17	100.00
CHEROKEE	79	412	15.34	63	16	25.40
LAVACA	29	197	6.51	13	16	123.08
BRAZOS	86	763	9.35	71	15	21.13
UPSHUR	31	139	11.57	16	15	93.75
CALHOUN	29	531	2.88	15	14	93.33
DEWITT	35	210	9.91	21	14	66.67
VAN ZANDT	30	464	3.45	16	14	87.50
HILL	23	129	8.07	10	13	130.00
NOLAN	23	246	4.17	10	13	130.00
DELTA	16	52	7.12	4	12	300.00
FANNIN	22	163	6.00	10	12	120.00
BASTROP	38	247	11.03	27	11	40.74
HUTCHINSON	15	237	2.31	5	10	200.00
WARD	16	197	3.04	6	10	166.67
EASTLAND	13	193	2.33	4	9	225.00
KARNES	18	318	2.68	9	9	100.00
LEE	31	161	13.40	22	9	40.91
MOORE	10	236	0.45	1	9	900.00
SABINE	19	100	10.29	10	9	90.00
GARZA	10	43	5.11	2	8	400.00
JOHNSON	18	429	2.31	10	8	80.00
LYNN	10	62	3.20	2	8	400.00
WHARTON	126	804	14.73	118	8	6.78
BURLESON	21	86	16.10	14	7	50.00
CAMP	30	100	22.84	23	7	30.43
COLORADO	29	136	15.89	22	7	31.82
KERR	13	318	1.86	6	7	116.67
KLEBERG	23	478	3.29	16	7	43.75
MARION	46	138	28.29	39	7	17.95
BAYLOR	8	54	3.24	2	6	300.00
COMAL	11	703	0.76	5	6	120.00
DAWSON	10	131	4.09	5	5	100.00
HASKELL	6	48	3.08	1	5	500.00
HOUSTON	31	95	27.23	26	5	19.23
LAMB	8	72	4.82	3	5	166.67
NACOGDOCHES	80	514	14.62	75	5	6.67
SWISHER	8	92	3.74	3	5	166.67
COOKE	17	432	3.06	13	4	30.77
COTTELL	5	16	7.20	1	4	400.00
FLOYD	6	44	3.59	2	4	200.00
FRANKLIN	7	82	4.00	3	4	133.33
FREESTONE	16	65	18.25	12	4	33.33
HALE	22	362	4.85	18	4	22.22
MCCULLOUGH	5	74	1.68	1	4	400.00

Black Over/Under Representation in PI Arrests by County

County	# Blacks Arrested for PI	Total # Arrested for PI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
MONTAGUE	4	96	0.03	0	4	0.00
WHEELER	5	29	1.91	1	4	400.00
BURNET	6	260	0.97	3	3	100.00
CHILDRESS	5	52	4.72	2	3	150.00
DALLAM	4	40	1.51	1	3	300.00
JONES	7	113	3.58	4	3	75.00
MITCHELL	6	60	4.17	3	3	100.00
PARKER	4	168	0.83	1	3	300.00
RAINS	7	106	3.86	4	3	75.00
RED_RIVER	15	67	18.00	12	3	25.00
REEVES	9	268	2.22	6	3	50.00
ROBERTSON	48	184	24.71	45	3	6.67
ROCKWALL	13	327	3.07	10	3	30.00
ARCHER	2	14	0.12	0	2	0.00
BAILEY	4	89	1.69	2	2	100.00
BANDERA	2	179	0.17	0	2	0.00
COCHRAN	4	38	4.83	2	2	100.00
CROSBY	3	25	4.23	1	2	200.00
DICKENS	3	14	3.66	1	2	200.00
JIM_WELLS	8	1,153	0.48	6	2	33.33
MORRIS	26	105	22.51	24	2	8.33
PALO_PINTO	10	293	2.81	8	2	25.00
TERRY	10	274	2.94	8	2	25.00
TOM_GREEN	71	1,796	3.85	69	2	2.90
WILSON	3	133	1.06	1	2	200.00
YOUNG	3	120	1.22	1	2	200.00
ANDREWS	2	77	1.79	1	1	100.00
BOSQUE	2	42	1.79	1	1	100.00
CLAY	1	45	0.32	0	1	0.00
COLEMAN	3	72	2.13	2	1	50.00
DEAF_SMITH	4	225	1.48	3	1	33.33
DONLEY	3	54	2.98	2	1	50.00
ERATH	3	298	0.78	2	1	50.00
FAYETTE	6	61	7.71	5	1	20.00
HAMILTON	1	91	0.02	0	1	0.00
HOOD	1	246	0.14	0	1	0.00
JACKSON	11	113	9.08	10	1	10.00
KENDALL	1	149	0.26	0	1	0.00
KING	1	9	0.00	0	1	0.00
LEON	17	131	12.52	16	1	6.25
LLANO	1	129	0.19	0	1	0.00
OLDHAM	1	18	0.07	0	1	0.00
SAN_JACINTO	16	105	14.07	15	1	6.67
SCHLEICHER	1	6	1.02	0	1	0.00
WINKLER	5	188	1.90	4	1	25.00
YOAKUM	2	82	0.88	1	1	100.00
ARANSAS	4	227	1.62	4	0	0.00
ARMSTRONG	0	5	0.00	0	0	0.00
BLANCO	0	44	0.90	0	0	0.00

Black Over/Under Representation in PI Arrests by County

County	# Blacks Arrested for PI	Total # Arrested for PI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
BORDEN	0	0	0.00	0	0	0.00
BRISCOE	0	6	2.70	0	0	0.00
BROOKS	0	331	0.04	0	0	0.00
BROWN	12	313	3.74	12	0	0.00
CALLAHAN	0	42	0.02	0	0	0.00
CARSON	0	55	0.17	0	0	0.00
CASTRO	1	39	2.58	1	0	0.00
COKE	0	15	0.07	0	0	0.00
COLLINGSWORTH	3	57	5.39	3	0	0.00
COMANCHE	0	129	0.04	0	0	0.00
CONCHO	0	13	0.55	0	0	0.00
CROCKETT	0	38	1.04	0	0	0.00
CULBERSON	0	28	0.05	0	0	0.00
DIMMITT	1	216	0.41	1	0	0.00
DUVAL	0	178	0.07	0	0	0.00
EDWARDS	0	11	0.00	0	0	0.00
FISHER	0	0	3.57	0	0	0.00
FOARD	0	8	3.43	0	0	0.00
GILLESPIE	0	142	0.10	0	0	0.00
GLASSCOCK	0	2	0.00	0	0	0.00
GOLIAD	5	75	6.51	5	0	0.00
GRAY	7	222	3.32	7	0	0.00
HANSFORD	0	14	0.00	0	0	0.00
HARLEY	0	0	0.19	0	0	0.00
HEMPHILL	0	4	0.19	0	0	0.00
HUDSPETH	0	27	0.48	0	0	0.00
IRION	0	16	0.09	0	0	0.00
JEFF_DAVIS	0	0	0.07	0	0	0.00
JIM_HOGG	0	128	0.08	0	0	0.00
KENEDY	0	0	0.00	0	0	0.00
KENT	0	2	0.65	0	0	0.00
KIMBLE	0	49	0.06	0	0	0.00
KINNEY	0	17	1.19	0	0	0.00
KNOX	0	3	5.62	0	0	0.00
LIPSCOMB	0	5	0.04	0	0	0.00
LIVE_OAK	0	107	0.04	0	0	0.00
LOVING	0	0	0.00	0	0	0.00
MARTIN	0	26	1.87	0	0	0.00
MASON	0	10	0.11	0	0	0.00
MAVERICK	0	1,065	0.04	0	0	0.00
MCMULLEN	0	0	0.00	0	0	0.00
MEDINA	1	307	0.28	1	0	0.00
MENARD	0	34	0.28	0	0	0.00
MILLS	0	22	0.24	0	0	0.00
MOTLEY	0	0	4.25	0	0	0.00
OCHILTREE	0	83	0.03	0	0	0.00
PARMER	0	39	1.25	0	0	0.00
PRESIDIO	0	15	0.02	0	0	0.00
RANDALL	2	147	1.13	2	0	0.00

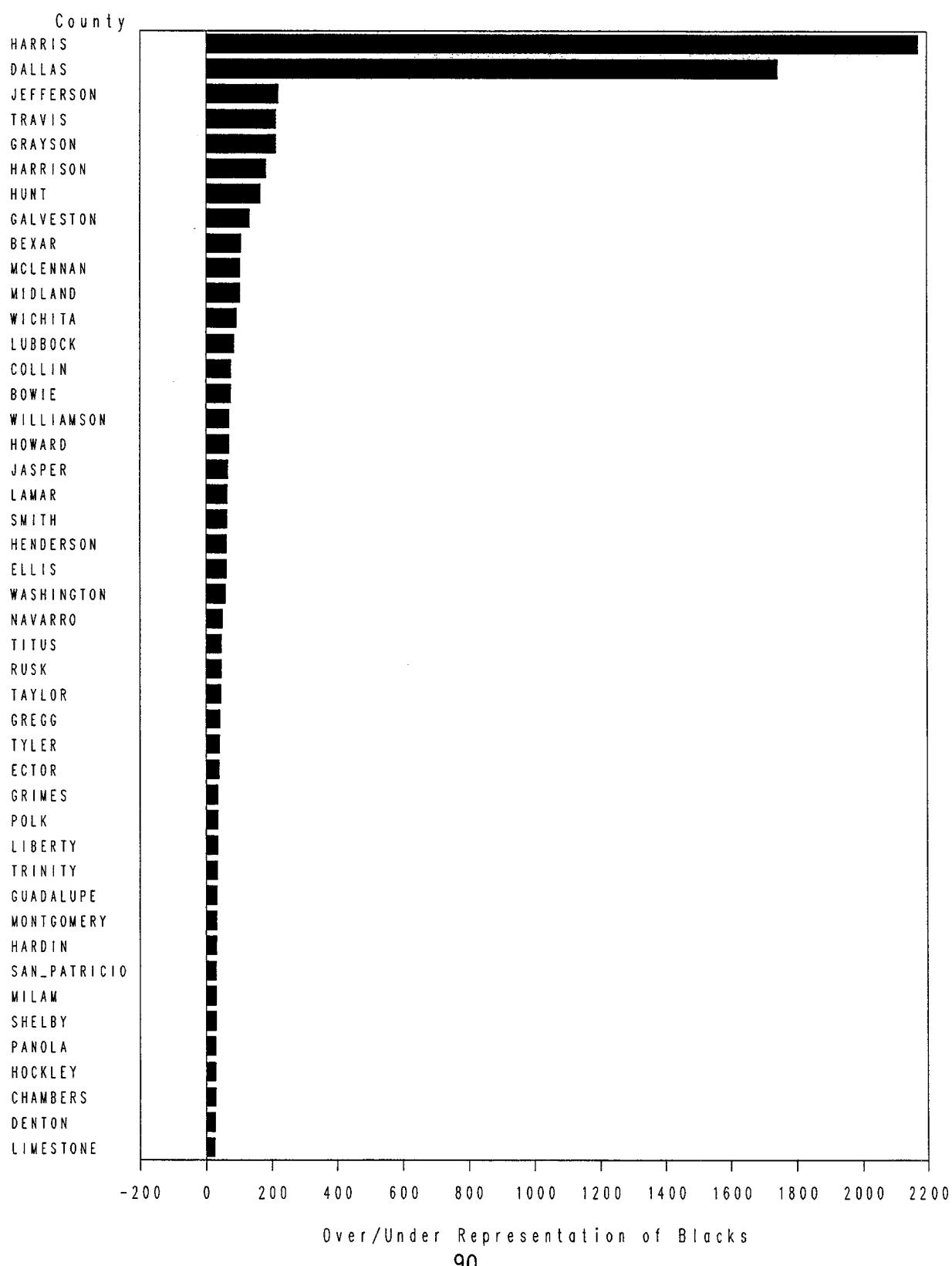
Black Over/Under Representation in PI Arrests by County

County	# Blacks Arrested for PI	Total # Arrested for PI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
REAGAN	1	33	2.43	1	0	0.00
REAL	0	12	0.00	0	0	0.00
ROBERTS	0	0	0.00	0	0	0.00
RUNNELS	0	23	1.57	0	0	0.00
SAN_SABA	0	23	0.25	0	0	0.00
SHACKELFORD	0	7	0.45	0	0	0.00
SHERMAN	0	16	0.15	0	0	0.00
SOMERVELL	0	71	0.08	0	0	0.00
STARR	0	1,218	0.02	0	0	0.00
STERLING	0	1	0.00	0	0	0.00
STONEWALL	0	11	3.78	0	0	0.00
SUTTON	0	59	0.03	0	0	0.00
TERRELL	0	13	0.00	0	0	0.00
THROCKMORTON	0	6	0.00	0	0	0.00
WEBB	0	303	0.06	0	0	0.00
ZAPATA	0	115	0.02	0	0	0.00
ATASCOSA	1	459	0.37	2	-1	-50.00
AUSTIN	26	230	11.90	27	-1	-3.70
BREWSTER	0	72	0.99	1	-1	-100.00
CRANE	0	37	2.53	1	-1	-100.00
GAINES	1	112	2.03	2	-1	-50.00
GONZALES	7	85	9.04	8	-1	-12.50
HALL	1	27	6.87	2	-1	-50.00
JACK	0	75	0.71	1	-1	-100.00
LAMPASAS	1	146	1.62	2	-1	-50.00
LA_SALLE	0	87	1.46	1	-1	-100.00
PECOS	0	169	0.30	1	-1	-100.00
UPTON	0	39	2.09	1	-1	-100.00
UVALDE	0	321	0.19	1	-1	-100.00
WILLACY	1	501	0.42	2	-1	-50.00
HAYS	20	640	3.39	22	-2	-9.09
REFUGIO	6	108	7.02	8	-2	-25.00
STEPHENS	0	61	2.49	2	-2	-100.00
WALKER	50	226	23.20	52	-2	-3.85
BEE	14	629	2.68	17	-3	-17.65
SCURRY	10	247	5.10	13	-3	-23.08
WISE	1	297	1.26	4	-3	-75.00
ANDERSON	126	537	24.24	130	-4	-3.08
CAMERON	15	7,716	0.24	19	-4	-21.05
CORYELL	30	168	21.15	36	-6	-16.67
NEWTON	20	130	20.35	26	-6	-23.08
FRIO	0	428	1.54	7	-7	-100.00
HIDALGO	6	8,299	0.17	14	-8	-57.14
WOOD	19	349	7.85	27	-8	-29.63
CALDWELL	12	202	10.57	21	-9	-42.86
MADISON	9	78	23.28	18	-9	-50.00
VAL_VERDE	4	710	1.83	13	-9	-69.23
VICTORIA	52	972	6.25	61	-9	-14.75
ZAVALA	0	320	3.49	11	-11	-100.00

Black Over/Under Representation in PI Arrests by County

County	# Blacks Arrested for PI	Total # Arrested for PI	Black Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
BRAZORIA	250	3,257	8.35	272	-22	-8.09
MATAGORDA	130	1,154	13.38	154	-24	-15.58
WALLER	57	205	39.32	81	-24	-29.63
POTTER	105	1,871	7.77	145	-40	-27.59
EL_PASO	117	4,673	3.54	165	-48	-29.09
NUECES	131	4,604	3.98	183	-52	-28.42
TARRANT	921	9,021	10.88	981	-60	-6.12
BELL	292	2,156	16.75	361	-69	-19.11
FORT_BEND	178	1,522	19.52	297	-119	-40.07

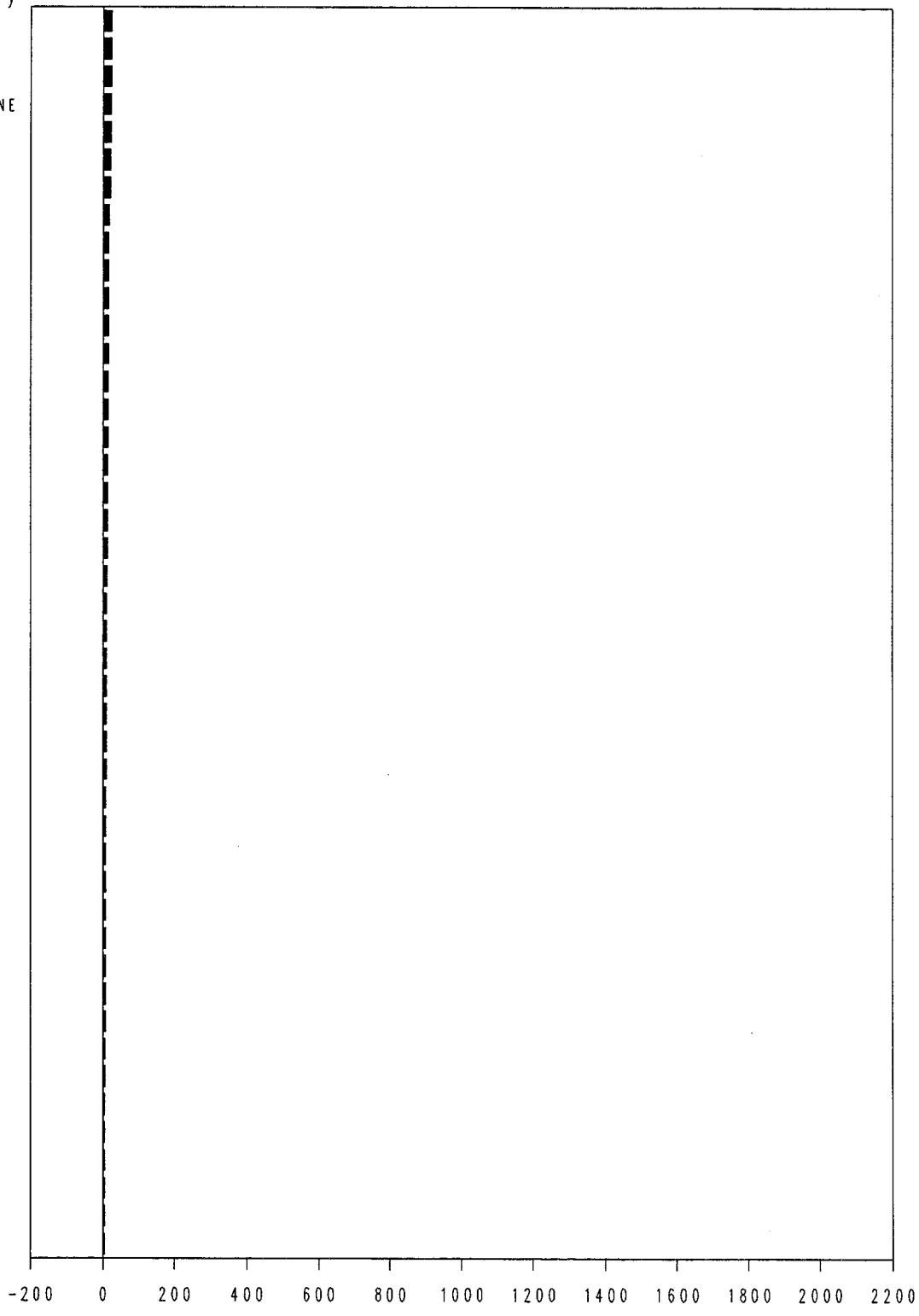
BLACK OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY



BLACK OVER/UNDER REPRESENTATION
IN PI ARREST BY COUNTY (continued)

County

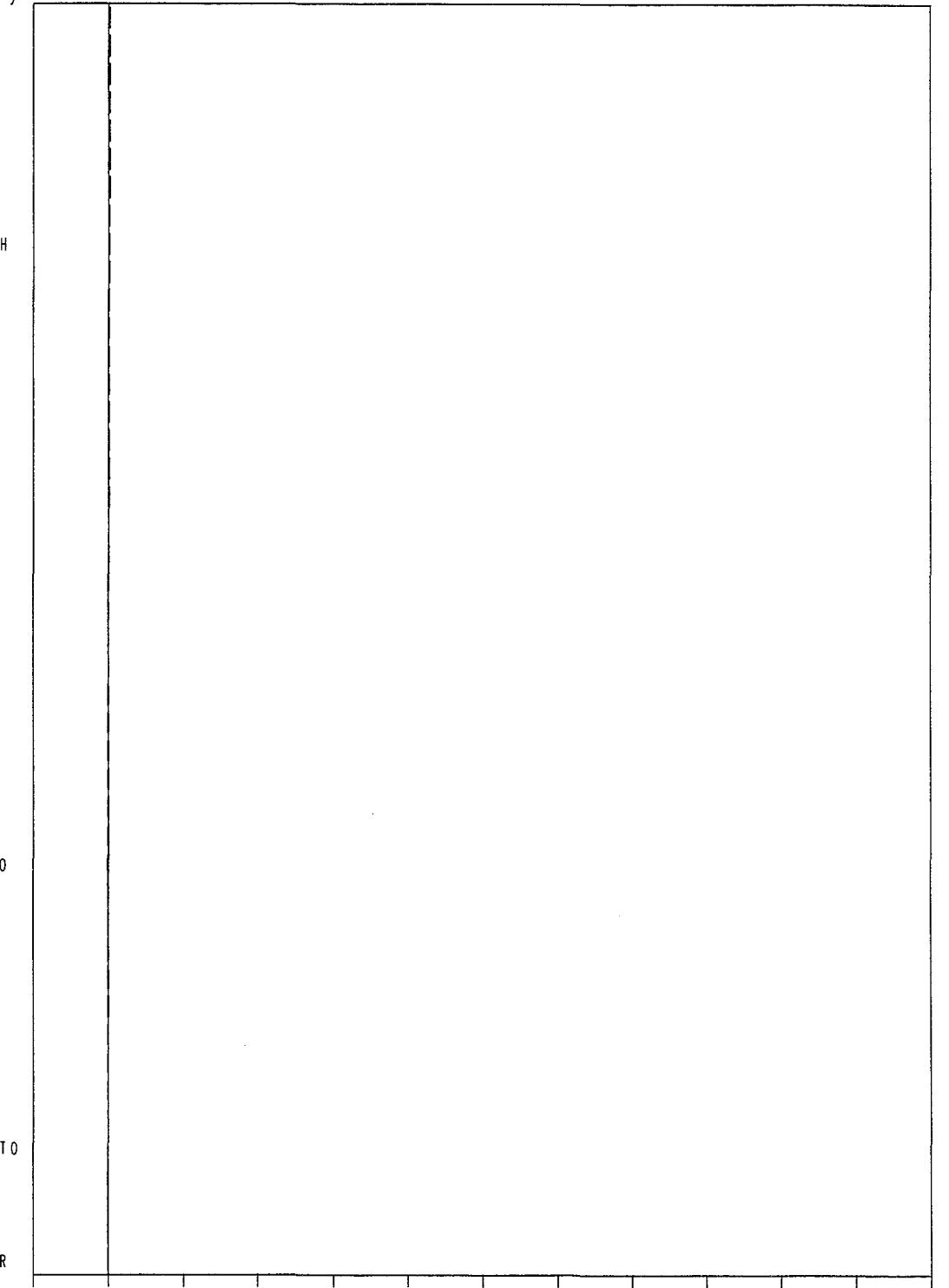
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BRAZOS
DEWITT
VAN_ZANDT
CALHOUN
NOLAN
HILL
DELTA
FANNIN
BASTROP
WARD
HUTCHINSON
KARNES
LEE
MOORE
SABINE
EASTLAND
JOHNSON
LYNN
GARZA
WHARTON
COLORADO
KLEBERG
CAMP
BURLESON
KERR
MARION
BAYLOR
COMAL
HOUSTON
NACOGDOCHES
DAWSON
SWISHER
LAMB



BLACK OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)

County

HASKELL
WHEELER
HALE
FLOYD
FREESTONE
MONTAGUE
COTTLE
COOKE
MCCULLOUGH
FRANKLIN
MITCHELL
BURNET
DALLAM
REEVES
ROCKWALL
JONES
RED_RIVER
RAINS
PARKER
CHILDRESS
ROBERTSON
BAILEY
DICKENS
JIM_WELLS
MORRIS
COCHRAN
ARCHER
TERRY
CROSBY
TOM_GREEN
PALO_PINTO
BANDERA
WILSON
YOUNG
COLEMAN
WINKLER
DONLEY
FAYETTE
YOAKUM
BOSQUE
SAN_JACINTO
KING
OLDHAM
HAMILTON
SCHLEICHER



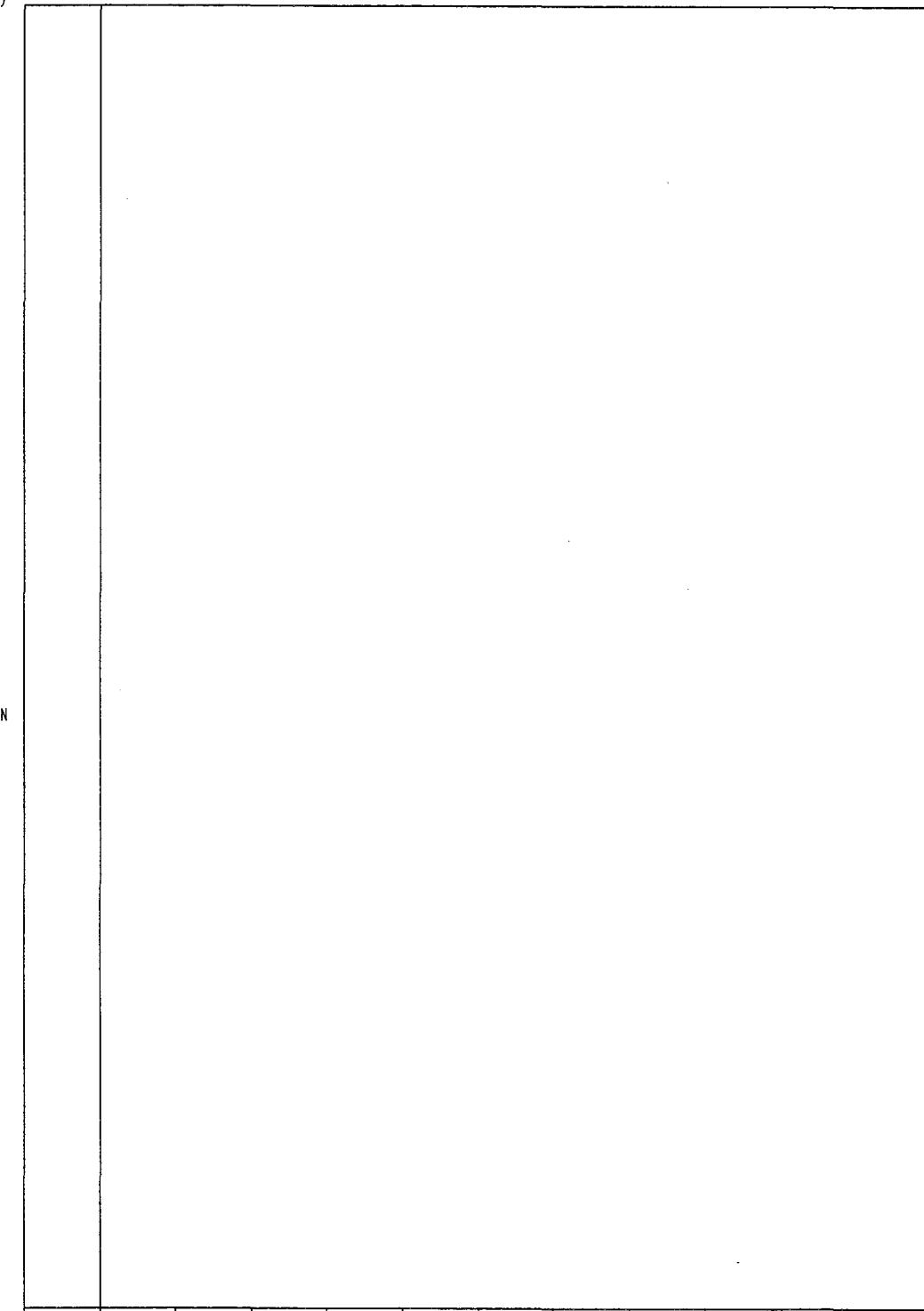
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Over/Under Representation of Blacks

BLACK OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)

County

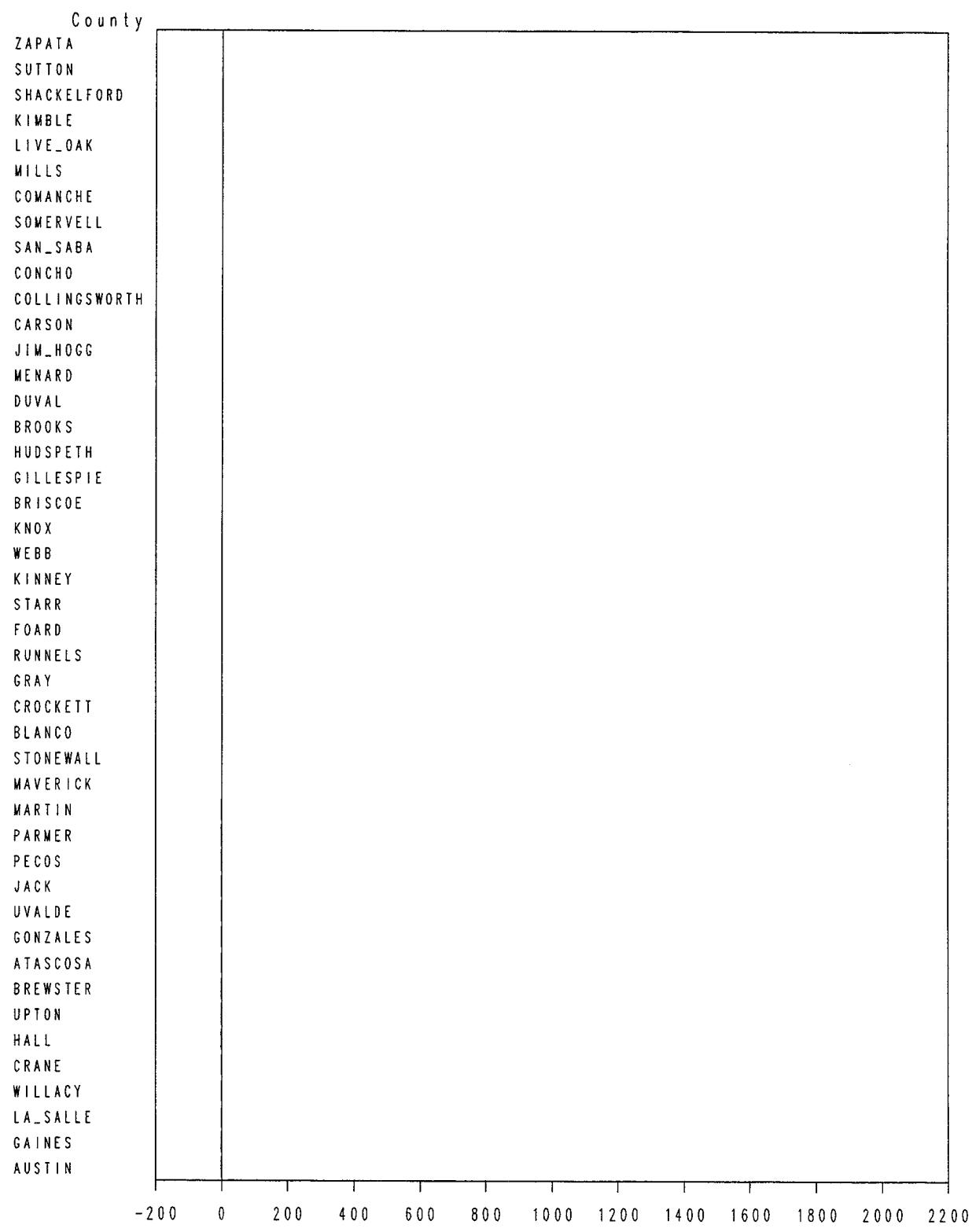
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ANDREWS
KENDALL
LEON
RANDALL
ARANSAS
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MEDINA
GOLIAD
DIMMITT
KENEDY
LIPSCOMB
LOVING
GLASSCOCK
REAL
MOTLEY
TERRELL
PRESIDIO
THROCKMORTON
FISHER
ROBERTS
HANSFORD
STERLING
ARMSTRONG
EDWARDS
MCMULLEN
BORDEN
HARTLEY
JEFF_DAVIS
HEMPHILL
COKE
CULBERSON
MASON
IRION
KENT
CASTRO
CALLAHAN
SHERMAN
OCHILTREE



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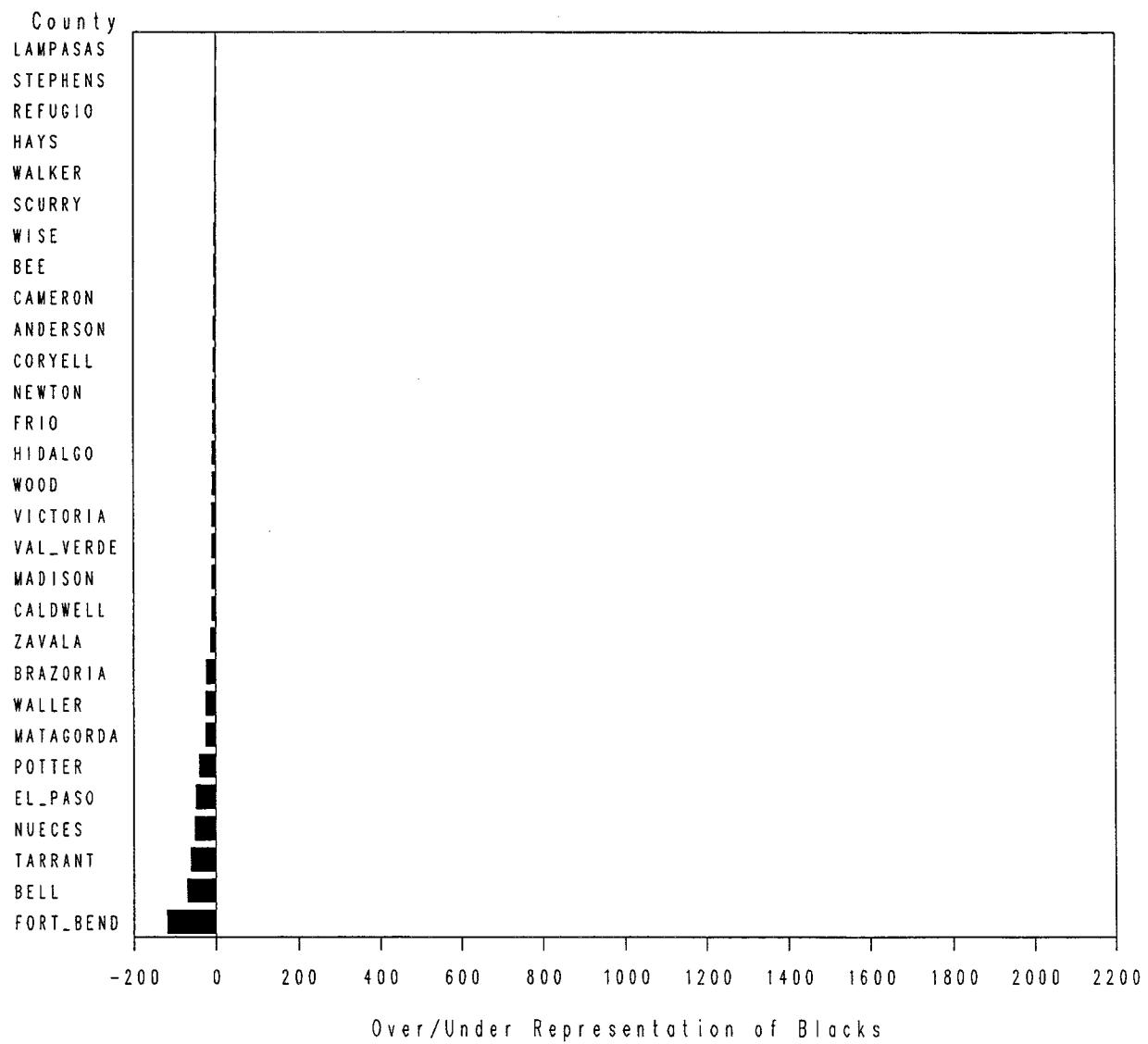
Over/Under Representation of Blacks

BLACK OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)



Over/Under Representation of Blacks

BLACK OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)



Appendix F
**Numeric and Graphic Display of Anglo Over/Under
Representation in PI Arrests by County**



Anglo Over/Under Representation in PI Arrests by County

County	# Anglos Arrested for PI	Total # Arrested for PI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
STARR	139	1,218	3.18	39	100	256.41
CORYELL	128	168	69.88	117	11	9.40
WISE	284	297	92.47	275	9	3.27
CULBERSON	14	28	33.24	9	5	55.56
HUDSPETH	12	27	36.79	10	2	20.00
FOARD	8	8	85.67	7	1	14.29
KNOX	3	3	75.98	2	1	50.00
SCHLEICHER	5	6	67.82	4	1	25.00
ARMSTRONG	5	5	97.47	5	0	0.00
BORDEN	0	0	89.15	0	0	0.00
DONLEY	51	54	94.28	51	0	0.00
FISHER	0	0	78.60	0	0	0.00
GLASSCOCK	1	2	73.29	1	0	0.00
HARTLEY	0	0	95.46	0	0	0.00
JEFF_DAVIS	0	0	63.05	0	0	0.00
KENEDY	0	0	24.50	0	0	0.00
KENT	2	2	89.22	2	0	0.00
KING	8	9	87.19	8	0	0.00
LIPSCOMB	5	5	90.97	5	0	0.00
LOVING	0	0	86.42	0	0	0.00
MCMULLEN	0	0	62.96	0	0	0.00
MOTLEY	0	0	88.29	0	0	0.00
PRESIDIO	3	15	21.21	3	0	0.00
ROBERTS	0	0	97.77	0	0	0.00
STERLING	1	1	77.06	1	0	0.00
BRISCOE	4	6	82.85	5	-1	-20.00
THROCKMORTON	5	6	93.80	6	-1	-16.67
ARCHER	12	14	97.61	14	-2	-14.29
CLAY	42	45	97.65	44	-2	-4.55
HEMPHILL	2	4	91.43	4	-2	-50.00
IRION	10	16	77.84	12	-2	-16.67
KIMBLE	39	49	84.06	41	-2	-4.88
MASON	6	10	83.71	8	-2	-25.00
BAYLOR	46	54	91.18	49	-3	-6.12
CONCHO	5	13	61.77	8	-3	-37.50
SHACKELFORD	4	7	93.45	7	-3	-42.86
TERRELL	4	13	50.00	7	-3	-42.86
EDWARDS	2	11	54.17	6	-4	-66.67
NEWTON	98	130	78.57	102	-4	-3.92
OLDHAM	13	18	92.91	17	-4	-23.53
DUVAL	20	178	14.13	25	-5	-20.00
HALL	16	27	79.04	21	-5	-23.81
JACK	68	75	96.87	73	-5	-6.85
JIM_HOGG	7	128	9.68	12	-5	-41.67
MORRIS	75	105	76.05	80	-5	-6.25
REAL	4	12	78.62	9	-5	-55.56
WALKER	145	226	66.34	150	-5	-3.33
YOUNG	107	120	93.72	112	-5	-4.46
ZAPATA	22	115	23.72	27	-5	-18.52

Anglo Over/Under Representation in PI Arrests by County

County	# Anglos Arrested for PI	Total # Arrested for PI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
ANDREWS	49	77	71.64	55	-6	-10.91
DICKENS	5	14	80.84	11	-6	-54.55
DIMMITT	33	216	18.23	39	-6	-15.38
MARION	91	138	70.42	97	-6	-6.19
MILLS	14	22	91.50	20	-6	-30.00
OCHILTREE	64	83	84.77	70	-6	-8.57
RAINS	94	106	94.20	100	-6	-6.00
RED_RIVER	48	67	80.56	54	-6	-11.11
SHERMAN	7	16	83.96	13	-6	-46.15
STONEWALL	4	11	86.50	10	-6	-60.00
SUTTON	28	59	57.22	34	-6	-17.65
WHEELER	21	29	93.14	27	-6	-22.22
CALLAHAN	34	42	96.51	41	-7	-17.07
CARSON	46	55	95.57	53	-7	-13.21
COKE	7	15	90.02	14	-7	-50.00
DALLAM	25	40	80.13	32	-7	-21.88
HANSFORD	5	14	83.14	12	-7	-58.33
KINNEY	2	17	52.24	9	-7	-77.78
MENARD	17	34	71.91	24	-7	-29.17
RUNNELS	11	23	77.67	18	-7	-38.89
SAN_JACINTO	81	105	83.72	88	-7	-7.95
BURLESON	55	86	73.56	63	-8	-12.70
COLEMAN	56	72	88.24	64	-8	-12.50
COTTELL	5	16	80.82	13	-8	-61.54
CROCKETT	12	38	53.50	20	-8	-40.00
MITCHELL	34	60	70.03	42	-8	-19.05
SAN_SABA	11	23	83.65	19	-8	-42.11
CHILDRESS	35	52	84.63	44	-9	-20.45
CROSBY	6	25	59.45	15	-9	-60.00
HASKELL	29	48	81.23	39	-10	-25.64
HOUSTON	55	95	68.47	65	-10	-15.38
LLANO	115	129	96.74	125	-10	-8.00
MARTIN	6	26	63.05	16	-10	-62.50
REAGAN	10	33	59.92	20	-10	-50.00
COLLINGSWORTH	36	57	82.50	47	-11	-23.40
CRANE	14	37	68.39	25	-11	-44.00
LA_SALLE	10	87	24.03	21	-11	-52.38
FANNIN	139	163	92.43	151	-12	-7.95
HAMILTON	76	91	96.16	88	-12	-13.64
LEON	98	131	84.13	110	-12	-10.91
MADISON	39	78	65.85	51	-12	-23.53
BOSQUE	25	42	90.93	38	-13	-34.21
GRAY	188	222	90.69	201	-13	-6.47
COCHRAN	8	38	58.56	22	-14	-63.64
FRANKLIN	62	82	92.19	76	-14	-18.42
GARZA	17	43	70.99	31	-14	-45.16
BLANCO	24	44	87.71	39	-15	-38.46
CASS	75	112	80.68	90	-15	-16.67
MONTAGUE	79	96	97.69	94	-15	-15.96

Anglo Over/Under Representation in PI Arrests by County

County	# Anglos Arrested for PI	Total # Arrested for PI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
CASTRO	6	39	57.51	22	-16	-72.73
DELTA	32	52	91.76	48	-16	-33.33
SABINE	73	100	88.97	89	-16	-17.98
SOMERVELL	47	71	88.96	63	-16	-25.40
UPTON	9	39	64.96	25	-16	-64.00
MCCULLOUGH	39	74	75.63	56	-17	-30.36
REEVES	61	268	29.21	78	-17	-21.79
EASTLAND	159	193	91.64	177	-18	-10.17
FALLS	24	66	63.78	42	-18	-42.86
FAYETTE	34	61	84.98	52	-18	-34.62
FLOYD	10	44	63.42	28	-18	-64.29
ORANGE	581	663	90.31	599	-18	-3.01
RANDALL	118	147	92.83	136	-18	-13.24
WEBB	3	303	6.86	21	-18	-85.71
PARMER	6	39	63.23	25	-19	-76.00
HOOD	216	246	96.06	236	-20	-8.47
PALO_PINTO	242	293	89.53	262	-20	-7.63
PARKER	141	168	95.61	161	-20	-12.42
BREWSTER	22	72	60.02	43	-21	-48.84
FREESTONE	29	65	78.51	51	-22	-43.14
LYNN	15	62	59.67	37	-22	-59.46
YOAKUM	33	82	67.10	55	-22	-40.00
ARANSAS	162	227	81.44	185	-23	-12.43
GONZALES	28	85	59.87	51	-23	-45.10
JONES	70	113	82.34	93	-23	-24.73
LAMPASAS	105	146	87.33	128	-23	-17.97
WINKLER	103	188	66.89	126	-23	-18.25
LAMB	22	72	64.43	46	-24	-52.17
UPSHUR	97	139	86.78	121	-24	-19.83
GOLIAD	20	75	60.41	45	-25	-55.56
LIMESTONE	126	198	76.26	151	-25	-16.56
ERATH	248	298	92.09	274	-26	-9.49
HARDEMAN	53	91	86.31	79	-26	-32.91
WALLER	79	205	51.70	106	-27	-25.47
CAMP	45	100	72.83	73	-28	-38.36
HUTCHINSON	183	237	89.60	212	-29	-13.68
POLK	384	485	85.11	413	-29	-7.02
WOOD	285	349	89.90	314	-29	-9.24
STEPHENS	26	61	91.04	56	-30	-53.57
CHAMBERS	359	474	82.28	390	-31	-7.95
GAINES	45	112	69.01	77	-32	-41.56
HARDIN	353	423	91.12	385	-32	-8.31
KERR	236	318	84.27	268	-32	-11.94
BROOKS	7	331	12.06	40	-33	-82.50
ZAVALA	0	320	10.25	33	-33	-100.00
BANDERA	127	179	90.11	161	-34	-21.12
MAVERICK	48	1,065	7.68	82	-34	-41.46
PECOS	45	169	47.16	80	-35	-43.75
SAN_AUGUSTINE	40	102	73.80	75	-35	-46.67

Anglo Over/Under Representation in PI Arrests by County

County	# Anglos Arrested for PI	Total # Arrested for PI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
LIVE_OAK	38	107	69.07	74	-36	-48.65
HOPKINS	202	273	87.53	239	-37	-15.48
LEE	89	161	77.97	126	-37	-29.37
PANOLA	125	199	81.23	162	-37	-22.84
KAUFMAN	229	327	81.73	267	-38	-14.23
REFUGIO	21	108	55.27	60	-39	-65.00
SWISHER	26	92	71.09	65	-39	-60.00
VAL_VERDE	186	710	31.76	225	-39	-17.33
JACKSON	41	113	71.81	81	-40	-49.38
BELL	1,501	2,156	71.52	1,542	-41	-2.66
BROWN	232	313	87.26	273	-41	-15.02
NACOGDOCHES	375	514	80.99	416	-41	-9.86
COOKE	362	432	93.41	404	-42	-10.40
KENDALL	86	149	85.99	128	-42	-32.81
WARD	85	197	64.26	127	-42	-33.07
BAILEY	13	89	65.18	58	-45	-77.59
TYLER	119	185	89.06	165	-46	-27.88
BURNET	188	260	90.75	236	-48	-20.34
COLORADO	48	136	70.80	96	-48	-50.00
ROCKWALL	251	327	91.76	300	-49	-16.33
TRINITY	275	378	85.75	324	-49	-15.12
TERRY	124	274	63.50	174	-50	-28.74
DAWSON	26	131	59.07	77	-51	-66.23
FRIO	78	428	30.46	130	-52	-40.00
CALDWELL	59	202	55.49	112	-53	-47.32
BASTROP	125	247	73.22	181	-56	-30.94
JOHNSON	334	429	90.91	390	-56	-14.36
COMANCHE	55	129	86.51	112	-57	-50.89
HILL	53	129	85.11	110	-57	-51.82
NOLAN	124	246	74.11	182	-58	-31.87
RUSK	71	165	77.95	129	-58	-44.96
SHELBY	134	244	78.78	192	-58	-30.21
VAN_ZANDT	373	464	93.16	432	-59	-13.66
GILLESPIE	64	142	88.73	126	-62	-49.21
ROBERTSON	56	184	64.93	119	-63	-52.94
WILSON	25	133	66.21	88	-63	-71.59
JASPER	219	349	81.80	285	-66	-23.16
AUSTIN	116	230	79.38	183	-67	-36.61
LIBERTY	501	689	82.53	569	-68	-11.95
HENDERSON	860	1,039	89.43	929	-69	-7.43
WILBARGER	92	205	80.05	164	-72	-43.90
LAMAR	367	511	86.18	440	-73	-16.59
MONTGOMERY	183	288	89.72	258	-75	-29.07
DEWITT	67	210	68.67	144	-77	-53.47
GRIMES	30	167	63.88	107	-77	-71.96
BOWIE	347	539	79.06	426	-79	-18.54
SCURRY	104	247	74.51	184	-80	-43.48
ANGELINA	455	678	79.12	536	-81	-15.11
WILLACY	12	501	18.51	93	-81	-87.10

Anglo Over/Under Representation in PI Arrests by County

County	# Anglos Arrested for PI	Total # Arrested for PI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
UVALDE	54	321	43.78	141	-87	-61.70
LAVACA	79	197	85.92	169	-90	-53.25
WASHINGTON	129	283	77.65	220	-91	-41.36
DEAF_SMITH	27	225	55.37	125	-98	-78.40
GREGG	1,058	1,453	79.68	1,158	-100	-8.64
MOORE	71	236	72.52	171	-100	-58.48
ATASCOSA	130	459	51.04	234	-104	-44.44
ANDERSON	256	537	67.62	363	-107	-29.48
KLEBERG	74	478	38.71	185	-111	-60.00
CHEROKEE	211	412	78.78	325	-114	-35.08
BRAZOS	485	763	78.66	600	-115	-19.17
POTTER	1,303	1,871	75.88	1,420	-117	-8.24
MEDINA	63	307	58.99	181	-118	-65.19
KARNES	52	318	54.87	174	-122	-70.11
MILAM	138	359	75.84	272	-134	-49.26
NAVARRO	207	450	76.36	344	-137	-39.83
HOCKLEY	110	360	69.19	249	-139	-55.82
CALHOUN	201	531	64.48	342	-141	-41.23
SAN_PATRICIO	723	1,690	51.54	871	-148	-16.99
HAYS	305	640	71.73	459	-154	-33.55
HALE	52	362	59.47	215	-163	-75.81
HUNT	532	801	86.74	695	-163	-23.45
WILLIAMSON	573	890	82.78	737	-164	-22.25
SMITH	576	993	75.70	752	-176	-23.40
COMAL	379	703	79.53	559	-180	-32.20
HARRISON	287	663	71.85	476	-189	-39.71
MIDLAND	960	1,568	74.15	1,163	-203	-17.45
WICHITA	1,453	1,967	84.47	1,662	-209	-12.58
BEE	102	629	49.67	312	-210	-67.31
GUADALUPE	233	650	68.56	446	-213	-47.76
TITUS	173	494	78.50	388	-215	-55.41
GRAYSON	1,543	1,933	91.32	1,765	-222	-12.58
JIM_WELLS	123	1,153	29.89	345	-222	-64.35
JEFFERSON	1,681	2,862	66.95	1,916	-235	-12.27
HOWARD	291	725	72.79	528	-237	-44.89
TAYLOR	959	1,464	82.05	1,201	-242	-20.15
DENTON	1,237	1,669	88.96	1,485	-248	-16.70
ELLIS	276	678	79.52	539	-263	-48.79
VICTORIA	300	972	62.95	612	-312	-50.98
WHARTON	175	804	62.77	505	-330	-65.35
ECTOR	1,362	2,462	69.17	1,703	-341	-20.02
BRAZORIA	2,116	3,257	75.80	2,469	-353	-14.30
MATAGORDA	385	1,154	65.06	751	-366	-48.74
COLLIN	857	1,394	89.94	1,254	-397	-31.66
MCLENNAN	875	1,687	75.85	1,280	-405	-31.64
NUECES	1,747	4,604	47.37	2,181	-434	-19.90
FORT_BEND	495	1,522	62.25	947	-452	-47.73
GALVESTON	2,476	4,232	71.15	3,011	-535	-17.77
LUBBOCK	742	1,785	73.91	1,319	-577	-43.75

Anglo Over/Under Representation in PI Arrests by County

County	# Anglos Arrested for PI	Total # Arrested for PI	Anglo Population Proportion	Expected Value	Difference Between Actual & Expected	Percent Overrepresentation
TARRANT	6,505	9,021	78.65	7,095	-590	-8.32
TOM GREEN	709	1,796	73.55	1,321	-612	-46.33
EL PASO	710	4,673	30.19	1,411	-701	-49.68
CAMERON	939	7,716	21.89	1,689	-750	-44.40
HIDALGO	345	8,299	18.22	1,512	-1,167	-77.18
TRAVIS	3,267	6,300	71.42	4,499	-1,232	-27.38
BEXAR	2,639	9,591	47.20	4,527	-1,888	-41.71
DALLAS	11,566	21,483	67.04	14,402	-2,836	-19.69
HARRIS	11,501	30,557	61.41	18,765	-7,264	-38.71

ANGLO OVER/UNDER REPRESENTATION IN PI ARRESTS BY COUNTY

County

Over/Under Representation of Anglos

ANGLO OVER/UNDER REPRESENTATION
IN PI ARREST BY COUNTY (continued)

County

HALL
JIM_HOGG
REAL
YOUNG
STONEWALL
SUTTON
RAINS
RED_RIVER
WHEELER
MILLS
ANDREWS
MARION
DICKENS
OCHILTREE
DIMMITT
SHERMAN
COKE
CALLAHAN
CARSON
HANSFORD
RUNNELS
KINNEY
SAN_JACINTO
DALLAM
MENARD
COLEMAN
COTTELE
MITCHELL
SAN_SABA
BURLESON
CROCKETT
CROSBY
CHILDRESS
REAGAN
LLANO
HASKELL
HOUSTON
MARTIN
LA_SALLE
COLLINGSWORTH
CRANE
HAMILTON
FANNIN
LEON
MADISON

	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
7	7	6	6	5	4	4	3	3	2	1	1	1	6				
8	2	6	0	4	8	2	6	0	4	8	2	0					
0	0	0	0	0	0	0	0	0	0	0	0	0					
0	0	0	0	0	0	0	0	0	0	0	0	0					

Over/Under Representation of Anglos

**ANGLO OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)**

County

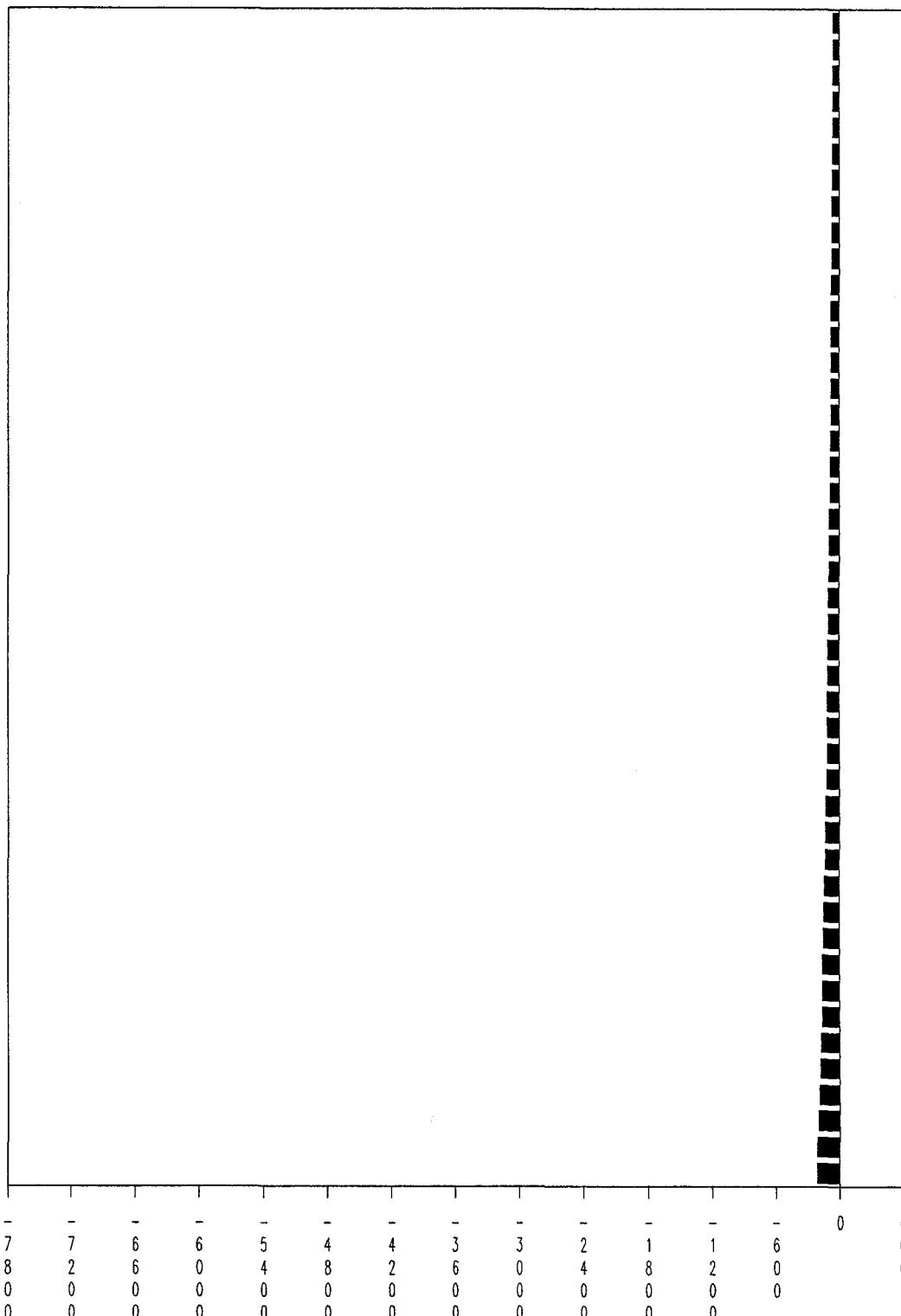
Over/Under Representation of Anglos

**ANGLO OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)**

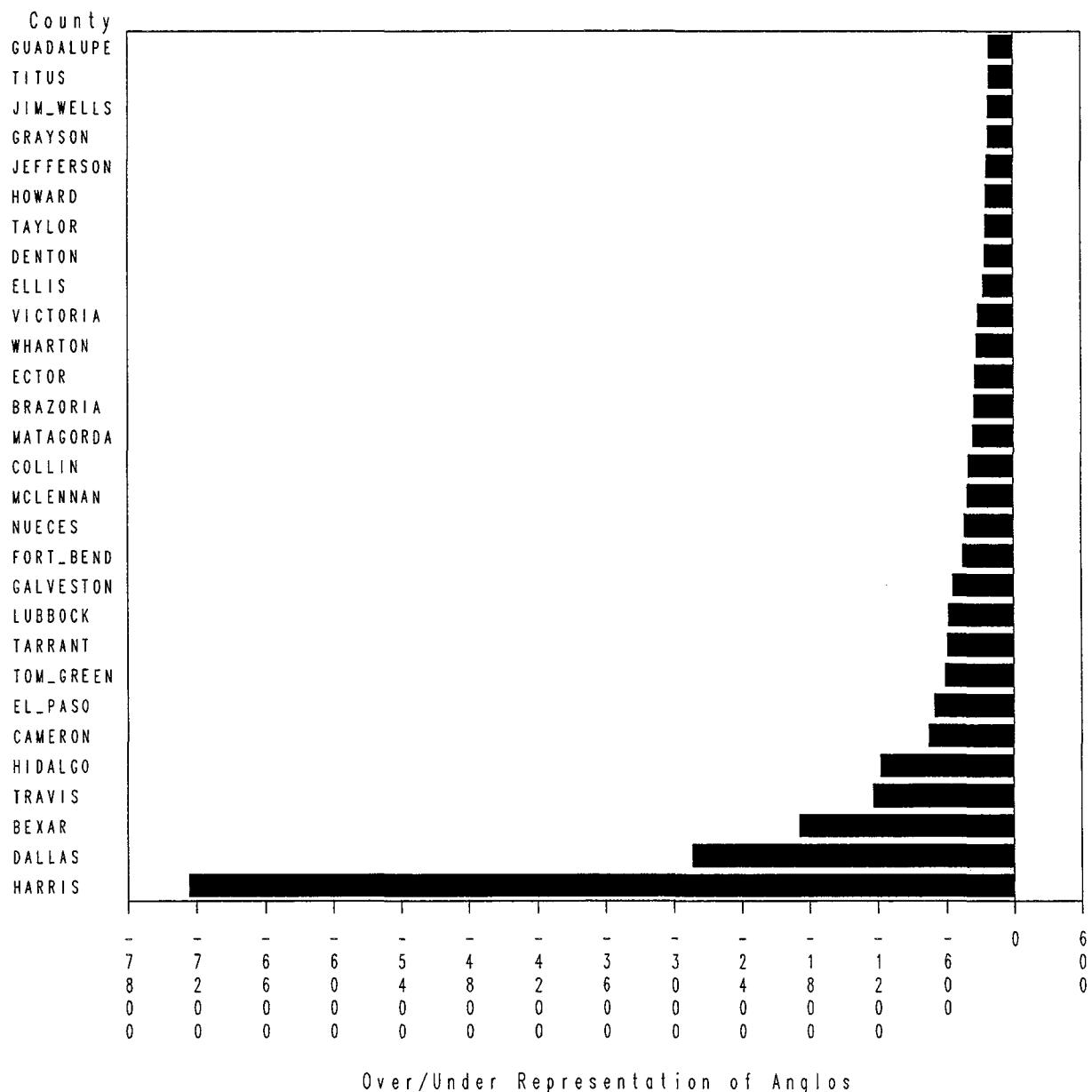
County
HUTCHINSON
STEPHENS
CHAMBERS
KERR
GAINES
HARDIN
ZAVALA
BROOKS
MAVERICK
BANDERA
PECOS
SAN_AUGUSTINE
LIVE_OAK
LEE
PANOLA
HOPKINS
KAUFMAN
REFUGIO
SWISHER
VAL_VERDE
JACKSON
BELL
BROWN
NACOGDOCHES
COOKE
WARD
KENDALL
BAILEY
TYLER
BURNET
COLORADO
ROCKWALL
TRINITY
TERRY
DAWSON
FRIOS
CALDWELL
BASTROP
JOHNSON
COMANCHE
HILL
RUSK
SHELBY
NOLAN
VAN ZANDT

**ANGLO OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)**

County
GILLESPIE
WILSON
ROBERTSON
JASPER
AUSTIN
LIBERTY
HENDERSON
WILBARGER
LAMAR
MONTGOMERY
GRIMES
DEWITT
BOWIE
SCURRY
WILLACY
ANGELINA
UVALDE
LAVACA
WASHINGTON
DEAF_SMITH
GREGG
MOORE
ATASCOSA
ANDERSON
KLEBERG
CHEROKEE
BRAZOS
POTTER
MEDINA
KARNES
MILAM
NAVARRO
HOCKLEY
CALHOUN
SAN_PATRICIO
HAYS
HUNT
HALE
WILLIAMSON
SMITH
COMAL
HARRISON
MIDLAND
WICHITA
REEF



**ANGLO OVER/UNDER REPRESENTATION
IN PI ARRESTS BY COUNTY (continued)**



Appendix G
DWI and Ethnicity Among Accident-Involved Drivers in Texas

**DWI and Ethnicity Among Accident-Involved
Drivers in Texas (1990)**

The following table shows the relative proportions of White, Black, and Hispanic drivers coded as DWI's in Texas accidents in 1990:

<u>DWI was a Contributing Factor</u>	<u>White (%)</u>	<u>Black (%)</u>	<u>Hispanic (%)</u>
Yes	22,353 (5.2)	3,597 (4.3)	10,820 (8.5)
No	<u>410,560 (94.8)</u>	<u>80,807 (95.7)</u>	<u>116,783 (91.5)</u>
	432,913 (100.0)	84,404 (100.0)	127,603 (100.0)

If White, accident-involved drivers are taken as the standard, then 761 fewer Blacks were coded as DWI's than might have been anticipated and 4,2116 more Hispanics were coded as DWI's than might have been anticipated.

The same procedure described above was repeated for all 254 counties in Texas. The calculated over/under involvement of Blacks and Hispanics in DWI was then plotted in graphical fashion.

Black and Hispanic over/under involvement in DWI's was not calculated in 21 and 7 counties, respectively, due to the absence of data.¹

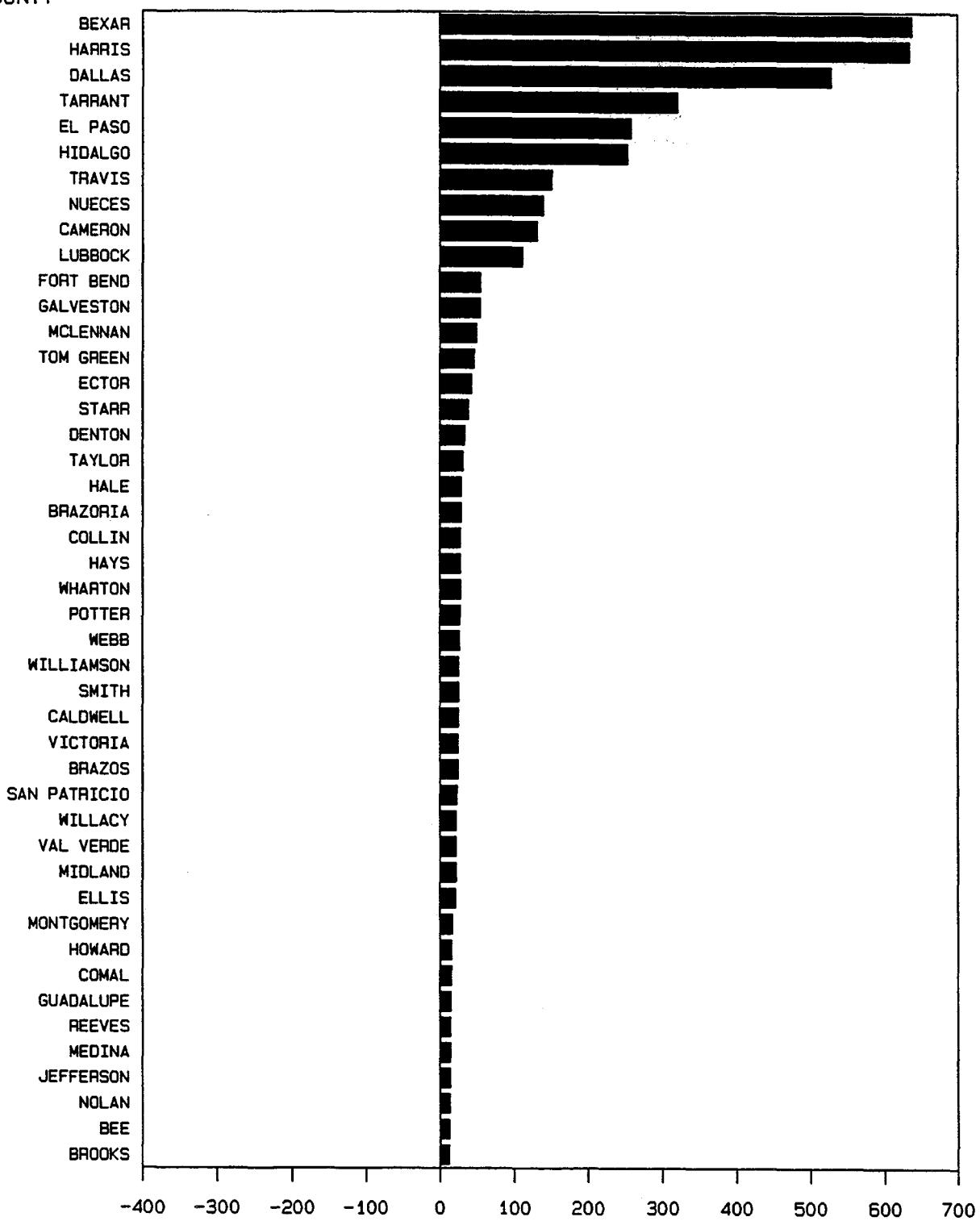
Finally, it should be noted that the over/under involvement of Blacks and Hispanics in DWI's might be partially explained by one or more extraneous variables, acting singly or in concert, that covary with both DWI and ethnicity. No attempt was made to search for potential covariants.

¹**Blacks:** Blanco, Borden, Comanche, Edwards, Foard, Hansford, Hemphill, Irion, Jim Hogg, Kennedy, Kent, Kinney, Lipscomb, Loving, Mason, Real, Schleicher, Shackelford, Sterling, Terrell, Willacy

Hispanics: Armstrong, Haskell, Kent, Loving, Roberts, Sterling, Throckmorton

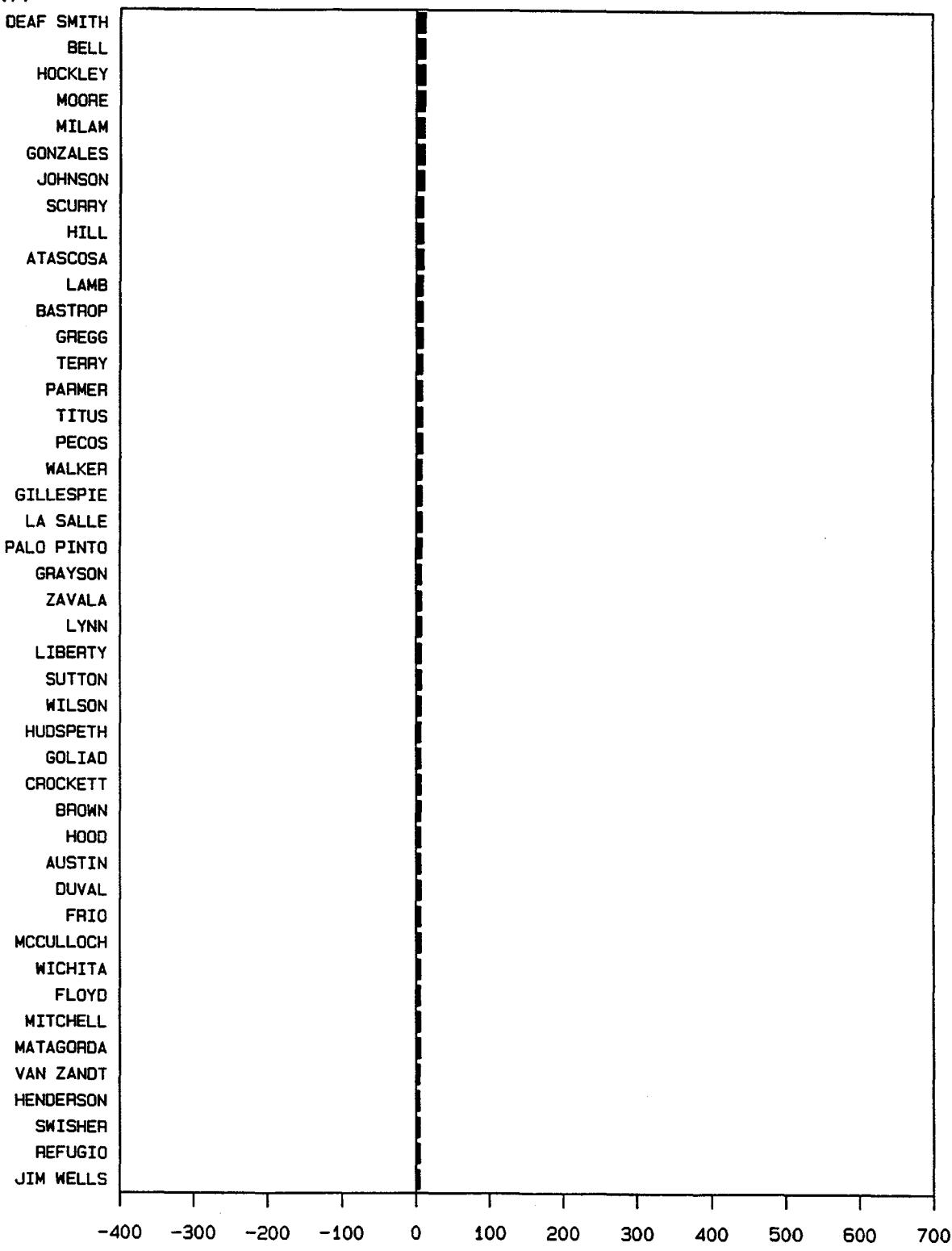
HISPANIC OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY

COUNTY



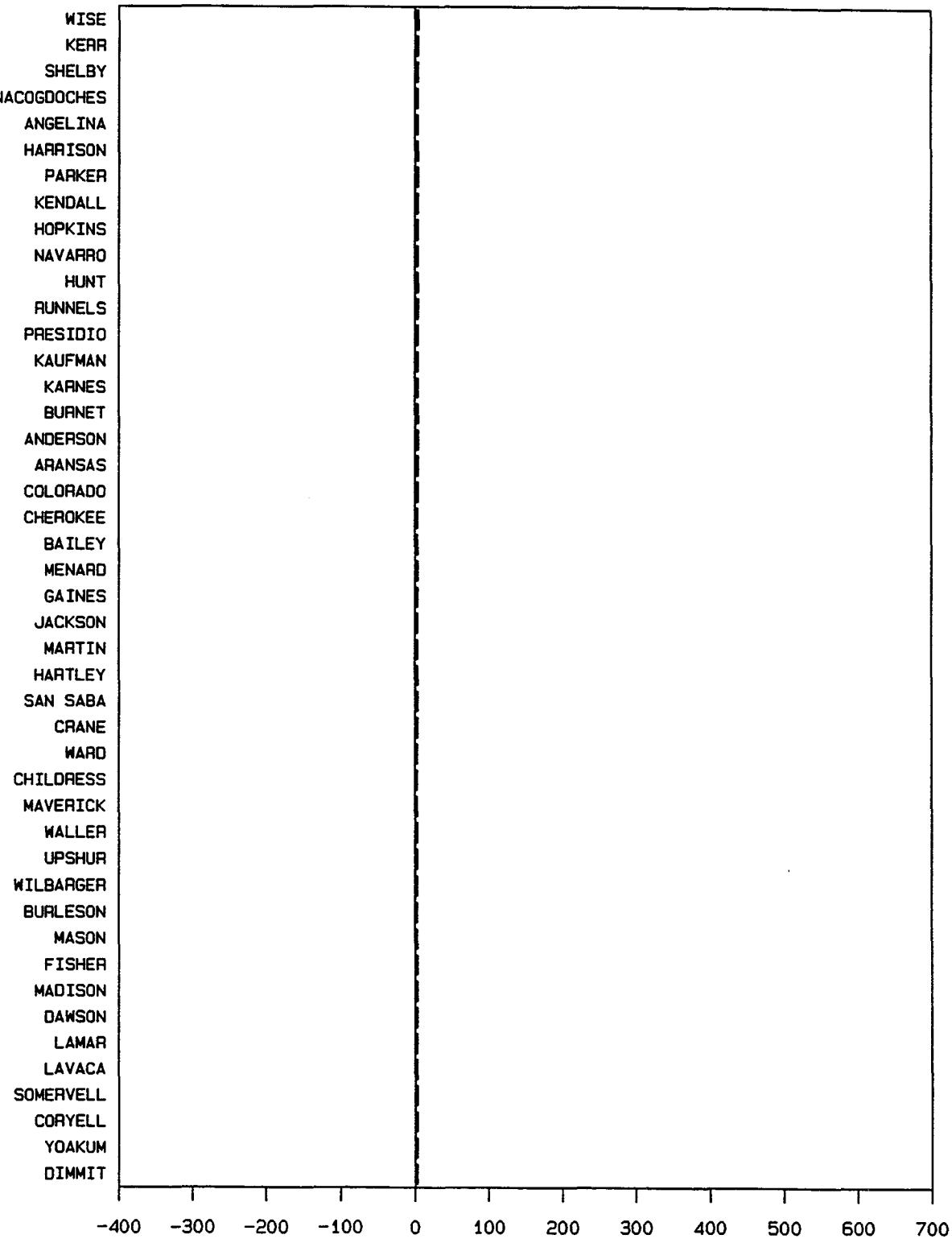
HISPANIC OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY (continued)

COUNTY



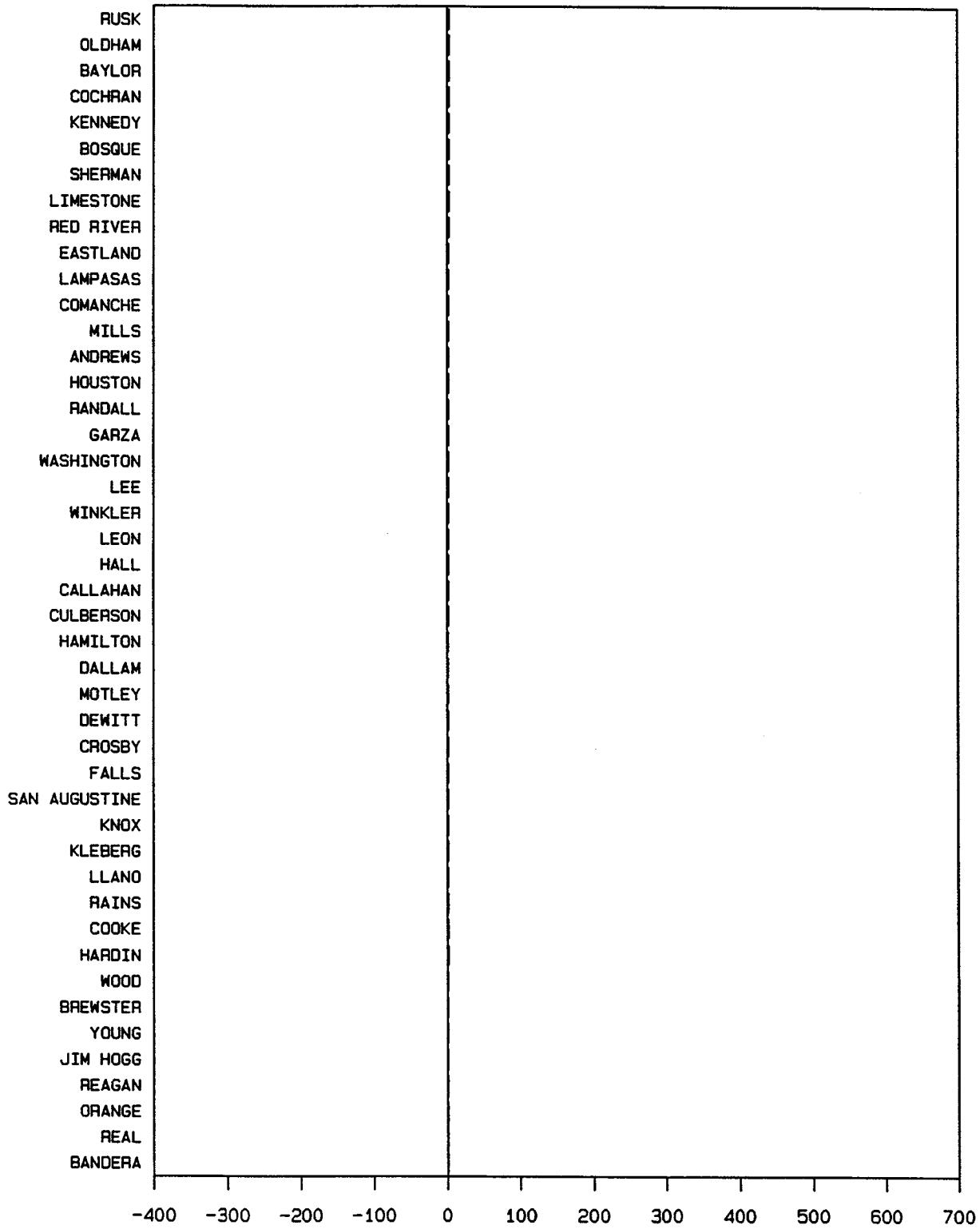
HISPANIC OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY (continued)

COUNTY



HISPANIC OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY (continued)

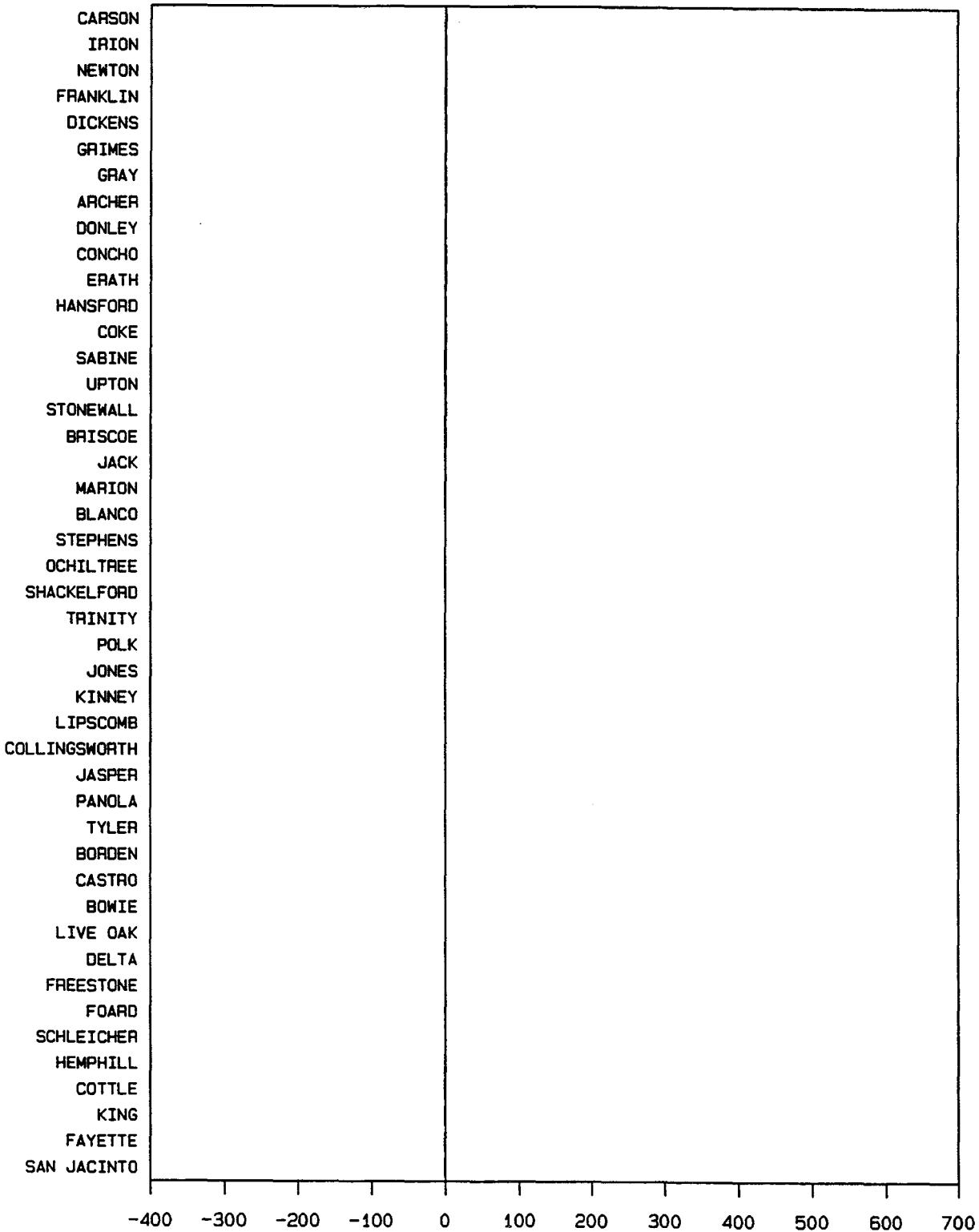
COUNTY



OVER/UNDER REPRESENTATION OF HISPANICS

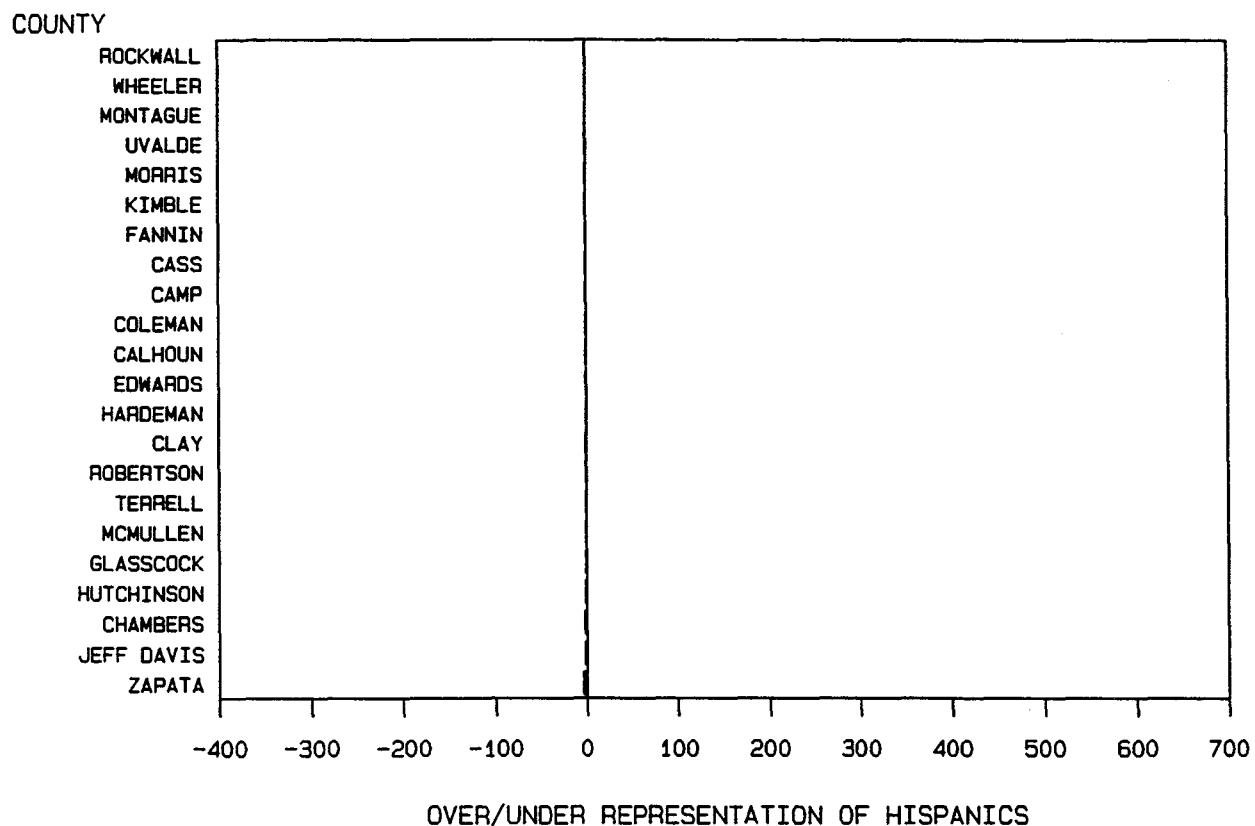
HISPANIC OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY (continued)

COUNTY



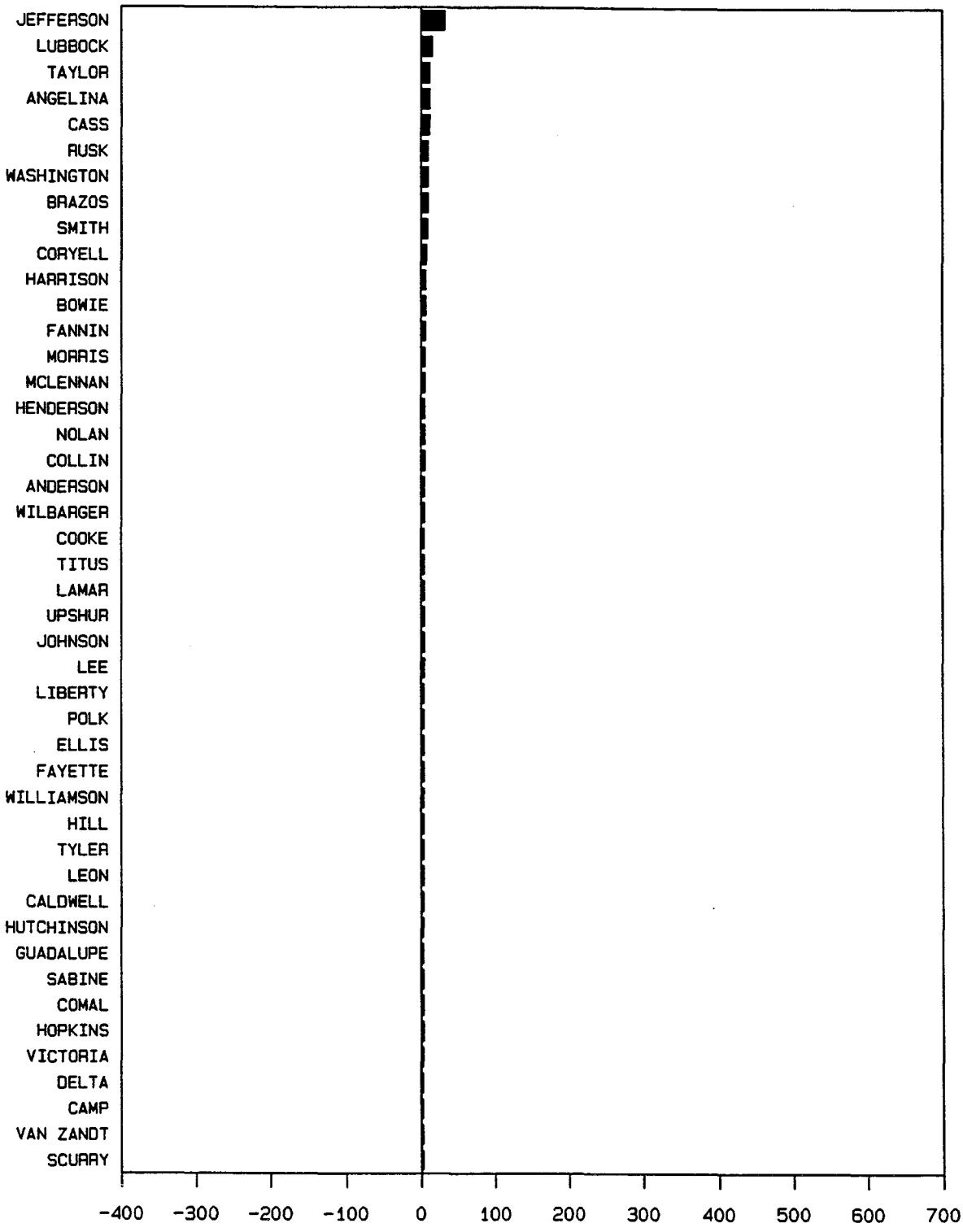
OVER/UNDER REPRESENTATION OF HISPANICS

HISPANIC OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY (continued)



BLACK OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY

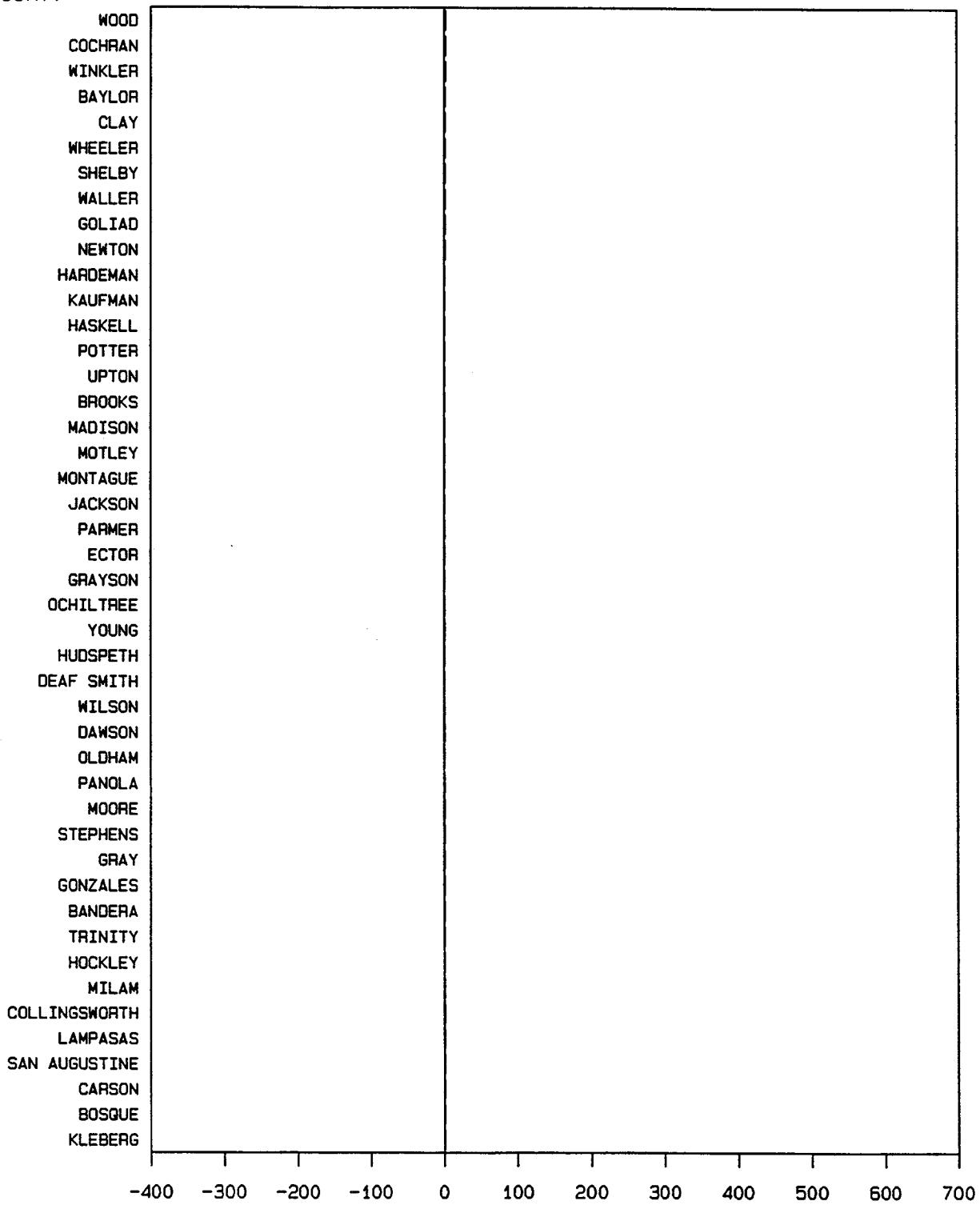
COUNTY



OVER/UNDER REPRESENTATION OF BLACKS

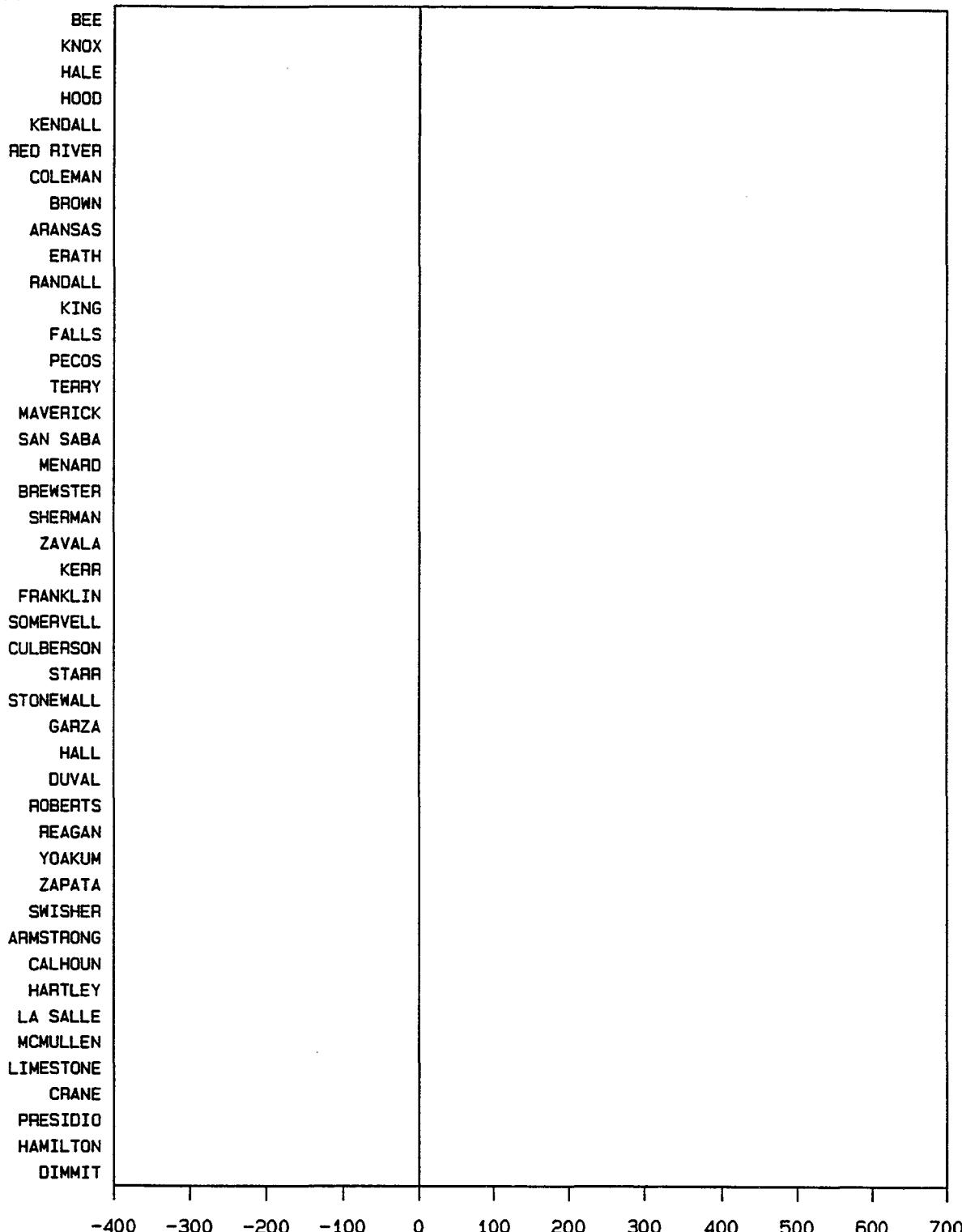
BLACK OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY (continued)

COUNTY



BLACK OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY (continued)

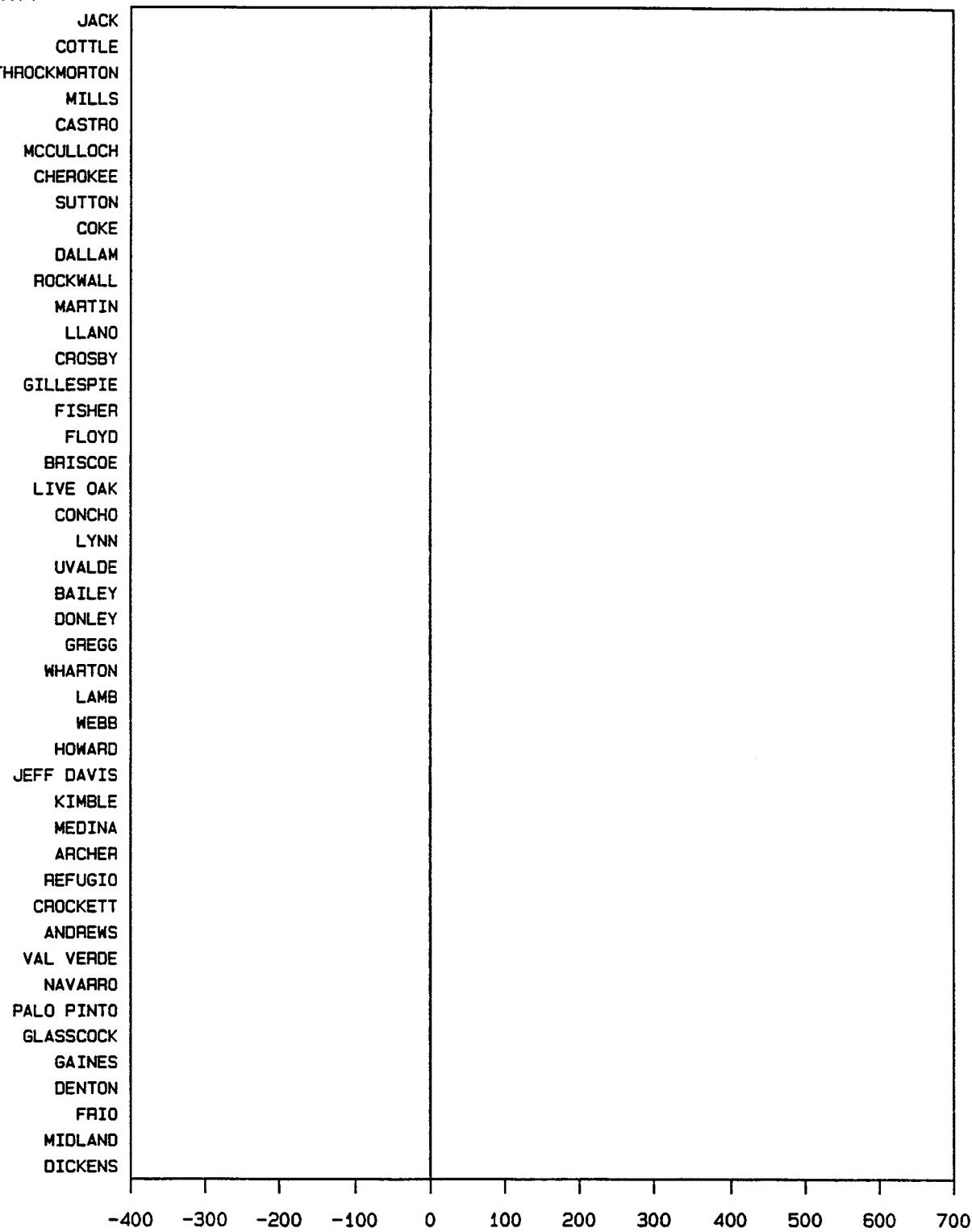
COUNTY



OVER/UNDER REPRESENTATION OF BLACKS

BLACK OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY (continued)

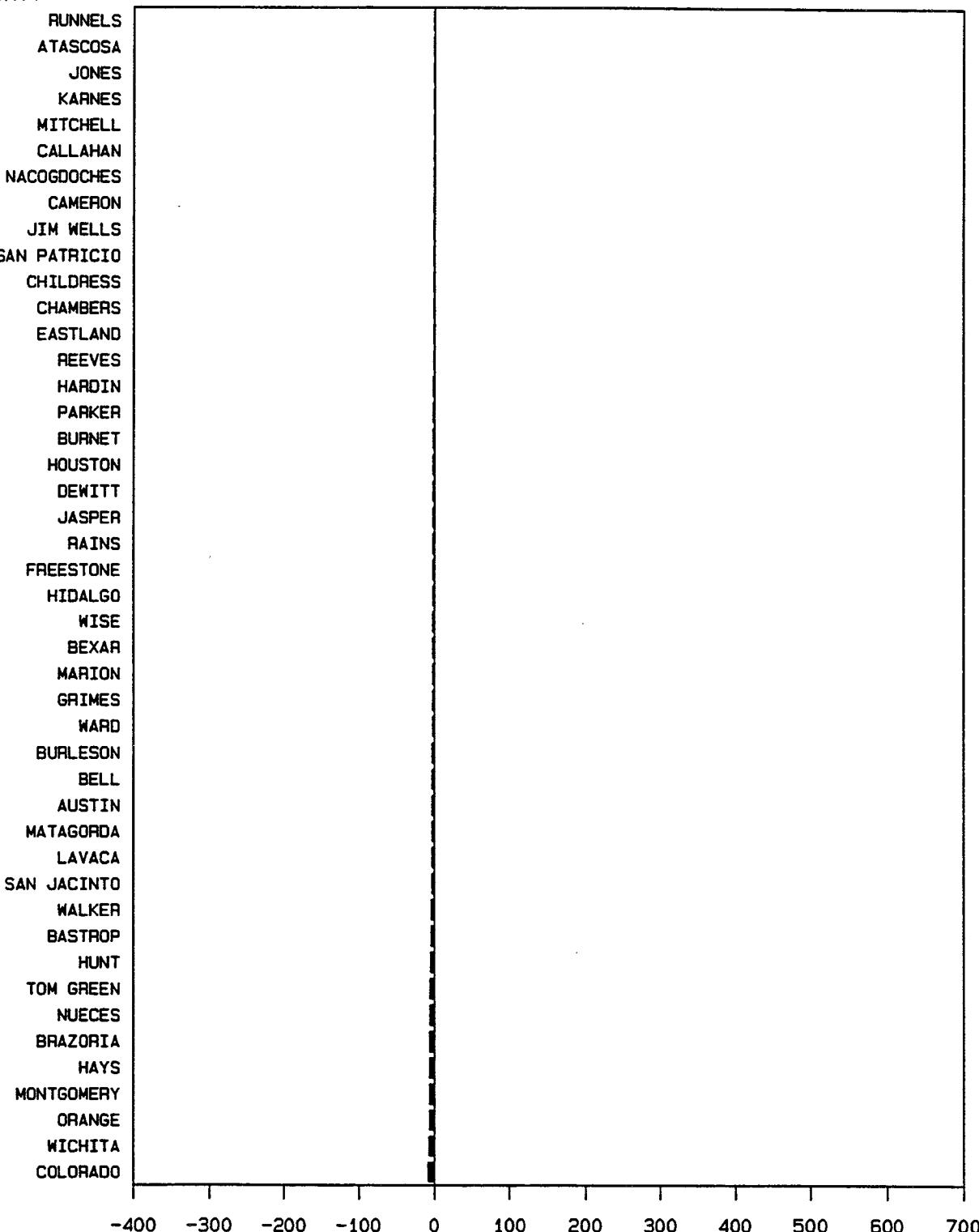
COUNTY



OVER/UNDER REPRESENTATION OF BLACKS

BLACK OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY (continued)

COUNTY



OVER/UNDER REPRESENTATION OF BLACKS

BLACK OVER/UNDER REPRESENTATION IN DWI ACCIDENTS BY COUNTY (continued)

