

ENVIRONMENTAL INFLUENCE ON UNDERAGE DRINKING:
AN ASSESSMENT OF EAST DALLAS

by

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ABSTRACT

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With the STOP Underage Drinking Act reintroduced at the national level, policy makers are in the midst of determining how to conquer the issues that arise out of underage drinking. The current project, in conjunction with the Alliance on Underage Drinking (ALoud), seeks to provide a picture of one such environment in which underage drinkers live. The current study focused its efforts on providing ALoud with an environmental assessment of East Dallas. It provided information on alcohol outlets, community resources, schools, and alcohol advertising. The environmental assessment provides ALoud with the data that it will need to determine which areas of local

policy should be impacted in their efforts to lower the current levels of underage drinking in East Dallas through environmental means.

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CHAPTER 1

INTRODUCTION

Alcohol plays an important role in today's society. Alcohol serves as a symbol of our culture, it is used during activities among friends, it is a commodity that can be legally sold and purchased, and it is the cause of several health problems.¹ Among underage people, alcohol is a part of their every day life, and not because the majority of underage people are drinking daily or even at all. A simple ride through a city places most young people in direct contact with alcohol advertisements. Turning on the television- or opening some magazines- provides some type of alcohol advertisement or some storyline including alcohol use.

The pervasiveness of alcohol is important because of the impact that alcohol has on people. The social costs associated with underage drinking are enormous. It is estimated that alcohol costs United States' society \$19 billion in traffic accidents and \$29 billion in violent crime.² Not only is underage drinking an expensive problem, it is becoming a recognized problem. Most people no longer believe that alcohol has no effect, and most admit that alcohol use among teenagers is a problem that the country needs to address.³

Of particular interest to the current study is the role of advertisement in shaping a young person's beliefs about alcohol. Although it is recognized that parents, peers, and other environmental factors effect a young person's belief system, the images and

themes that advertising provides to children and adolescents also contributes to the norms that they create for themselves concerning alcohol.²² This is reiterated by the fact that the more culturally and socially integrated a substance is, the higher the use of the substance.¹³ Daily, young people are exposed to alcohol advertisements that their parents cannot control. Billboards and in-store displays cannot be turned off or kept out of sight. In 1998, alcohol companies spent \$93 million on this type of advertising. Due to the number of people that billboards can reach and the lack of effort required to target specific groups, billboards are a relatively inexpensive cost of business. However, as stated before, the social cost can be enormous. In the following section, current underage alcohol use, alcohol policies, and the role of alcohol companies will provide background for the current study's target of one neighborhood.

1.1 Underage Drinking

1.1.1 Facts About Underage Drinking

Alcohol is the most commonly used drug among adolescents.^{4,5} Alcohol is the drug of choice for youth, more than tobacco and every illicit drug.⁶ Studies also show that by eighth grade almost 50 percent have had at least one drink and that more than 20 percent have been "drunk." By twelfth grade, close to 50 percent report drinking in the last thirty days and almost 30 percent engage in "binge drinking."⁷

Binge drinking is the act of having five or more drinks on one occasion. Among drinkers, ages 12- to 14-years, 92 percent of the alcohol that they consume is on occasions when binge drinking takes place.⁵ When compared with all drinkers, it has been shown that proportionally underage drinkers are more likely to participate in binge

drinking.³ Of all alcohol consumed by underage drinkers, the majority is consumed during periods of binge drinking.³

In addition, it is estimated that nearly 20 percent of all the alcohol consumed in the United States is by underage drinkers.⁴ Each year underage drinkers purchase \$10 billion in alcohol.⁸

The Individuals Most Likely To Drink

Until recently, there was a gender gap in underage drinking. As of May 2004, the gender gap no longer exists. For the first time, more ninth and tenth grade girls drink than boys. Additionally, these ninth-grade girls are more likely to binge drink than their male peers. One suggested reason for this increase is the popularity of alcopops.^{5,9} Alcopops are “sweet-flavored malt beverages marketed by hard liquor brands” that have become popular among all underage drinkers, especially among females.⁹

Although there is no gender difference, underage drinking shows a significant racial pattern. Blacks and Asians are least likely to drink. Reports show that 18.2 percent of Blacks and Asians are current drinkers versus the other racial groups, in which at least 25 percent of members are current drinkers. Likewise, Whites are most likely to binge drink (22.8 percent) and Blacks were the least likely to binge drink (9.1 percent). However, Blacks and Hispanics are more likely than Whites to drink before 13 years of age.⁵ Also, minority groups are disproportionately more likely to suffer the consequences of alcohol-related problems, such as death, health problems, and legal consequences.¹⁰

1.1.1.2 Perceptions of Underage Drinking

Despite the above facts, most youth overestimate the number of other young people who drink. Of particular interest is the effect this misperception has on the drinkers. Heavy drinkers drink more because they believe others also drink heavily.⁸ Interestingly, though, alcohol is not used by a majority of underage people. In fact the majority abstains from regular alcohol use, particularly those under 17 years of age.³

1.1.1.3 Consequences of Underage Drinking

The facts above are of particular concern when we consider the consequences of underage drinking. Alcohol is a contributing factor in all four of the leading causes of death (motor vehicle crash, unintended injury, suicide, homicide) for people 10 to 24 years of age. In fact, alcohol is more likely to kill underage users than all the illegal drugs combined.^{7,11} It is estimated that 4,554 underage people die from excessive alcohol use each year.⁵ In 2003, the US National Highway Traffic Safety Administration reported that 31 percent of all motor vehicle crashes in which underage (16-20 years of age) drivers died were a result of the driver drinking.⁵ Just as stark is the fact that the rate for fatal accidents involving alcohol-impaired drivers under 20 is twice that of driver's of a legal drinking age.⁷ Among homicides, 47 percent involving people under 21 involved alcohol. With suicide, almost 23 percent involved alcohol intoxication.⁵

Additionally, their quality of life may suffer because research has shown that youth who start drinking before the age of 15 are four times more likely to become dependent on alcohol than those who wait until they are 21 to begin drinking.¹⁰ In fact,

current studies demonstrate how alcoholism is a developmental disease. One study stated that at 18 years of age, alcohol dependence peaks, and by 25 years of age, new cases of alcohol dependency drops significantly.¹²

Likewise, alcohol use affects many aspects of a young person's growth and development. Heavy drinking seems to negatively affect memory, recall, and brain functioning.⁵ Drinking is also involved in high risk behaviors including unprotected sexual activity. One study found that 1 in 6 girls who drank participated in unsafe sexual activity.⁹ Similarly, teenage girls who binge drink are close to 63 percent more likely to become teen mothers.⁵

When we consider the specific effects that underage drinking has on the youth of the nation, we understand what an imperative issue this is. In fact, when we recognize the consequences to everyone involved through loss of family, abuse, loss of life, and victimization, we see that the costs truly are enormous.¹³ To society at large, the costs include those to industry (through absences and non-productivity), national health care (because of illness and injuries), national response (by program initiation and funding for research), material damage (from automobile accidents), and crime (including emergency personnel and costs to the victim).¹⁴

1.2 Alcohol Policies That Affect Underage Drinking

Despite the above consequences of underage drinking, implementing policy to combat these concerns is often difficult. Some individuals argue that policies regulating alcohol most negatively affect moderate legal-age drinkers.³ Still others argue that alcohol policy is a realm in which some are trying to regulate the morals of society.¹⁵

However, when surveyed, a majority of adults consistently support alcohol policy that is designed to combat underage drinking.³ For that reason, coupled with the severe concerns surrounding underage drinking, it is deemed imperative by society as a whole that some alcohol control policies are in place.

There are a variety of options when it comes to alcohol control policies. Some center around the individual, while others are based on society at large. Individual based policies focus on changing the individual. These types of policy are usually the most well known among policy makers, and these are the policies that the alcohol industry advocates.^{8,16} Individually focused strategies assume the risks of the environment and concentrate on an individual's ability to decline use of a substance. These strategies are implemented through training, peer education, and counseling. Numerous curriculums have been developed, and most youth-based prevention falls in this category.¹⁶ Additionally, a large proportion of these efforts are funded through the alcohol industry, which claims to be "acting as a good corporate citizen."⁸ Another approach is the environmentally focused strategy. This strategy is all encompassing and includes a number of various policies.

1.2.1 Environmental Prevention

Environmentally-based strategies aim to affect a community, not an individual. These policies revolve around the notion that there is no set of characteristics that are solely responsible for substance use by individuals. Instead, they hinge on the belief that the environment influences individual use.¹⁶ The environment includes messages of the mass media, social norms, and availability of alcohol.¹⁷ In this case, underage

alcohol use is seen as a product of today's environment, and to create effective policy, the society at large must be modified.

All in all, the purpose of environmental policy is three-fold. It seeks to limit access to alcohol, it proposes a change to the culture "within which decisions about substance use are made without affecting availability," and it aims to reduce the negative consequences of use.¹⁶ Because the whole environment is changed, environmental strategies can result in dramatic, long-lasting reductions in use.⁸

There are also several advantages to using environmental strategies in place of, or in addition to individual-based strategies. Deborah Fisher¹⁶ provides the following statement:

"In fact, while individually focused efforts such as education and skills-building programs tend to produce some effects on intervening variables (e.g., knowledge and attitudes) and to have inconsistent and weak effects on behavior, many environmental strategies have been shown to substantially reduce consumption and use-related problems, including traffic crashes, unintended injuries, suicides, cirrhosis mortality, and assaultive offenses."

For these reasons, environmental strategies are the recommended policy techniques by alcohol-control lobbyists.

1.2.2 Examples of Environment-based Strategies

Environmental prevention has a number of different strategies. The strategies range in effectiveness and priority. Table 1 shows some strategies. Looking at the prioritization of strategies, limitation of access, increasing price, and enforcing strict driving under the influence laws are of highest priority. Several studies have

demonstrated that these strategies show the greatest impact on reducing the consequences associated with underage drinking.¹⁷ Additionally, Table 1 also highlights the importance of changing the community norms surrounding alcohol use. These strategies support the main premise behind environmental prevention.

Another important incite from Table 1 is the importance of an informed public. Environmental strategies seek to provide the public with a clear-cut understanding of current laws and consequences, as well as demonstrate the strict enforcement of such initiatives. They also seek to involve the public in a variety of means: providing alcohol-free alternatives, participating in media campaigns, and serving as lobbyists to policy makers.¹⁷

The premise of environmental prevention is that any of these strategies could work alone, but that together, the strategies have a stronger effect on reducing underage drinking and its negative consequences.

1.2.2.1 Current Legislative Initiatives

Currently in Texas legislation are several proposals for different environmental strategies. The “Cinderella Bill” seeks to prohibit alcohol availability to youth on the night of the 21st birthday. This piece of legislation is in response to numerous deaths from overdosing on alcohol on their 21st birthday during the brief time that alcohol is being served. Another bill regards keg registration. This law, if passed, would require that the person who purchased the keg register his/her name with the retailer, and he/she would be easily tracked should the keg be used to provide to underage drinkers.

Table 1.1 Effectiveness of Environmental Strategies⁶

Strategy	Priority	Effectiveness
Limitations on Access		
Enforcing minimum purchase age laws Aimed at retailers: 2. Compliance checks 3. Sanctioning violating merchants 4. Developing community support for enforcement Aimed at youth: 1. Penalties for violators 2. Police “Party Patrols”	Very high High High Medium Medium	Reduces sales to minors Adjunct to compliance checks Supports use of compliance checks Well-publicized enforcement decreases use
Reducing social availability Keg registration Laws prohibiting providing alcohol to a minor	Medium Medium	Reducing access reduces use
Laws relating to minimum purchase age Minors in possession laws Outlet liable for harm caused through provision of alcohol	High Medium	Stringent laws reduces the # of sales to minors Reduces impaired driving crashes
Controls on general availability Excise taxes Control outlet location and density Control hours of sales	Very high High High	Reduces use Low density reduces alcohol-problems Reduces access
Expressions of Community Norms		
1. Prohibit/control alcohol use at community events	High	Strong expression of norms
2. Prohibit alcohol sponsorship of public events	High	Strong expression of norms
3. Counteradvertising	High	Effective in reducing tobacco use
School-based or Youth Organization-based		
1. Prohibiting alcohol use on school property or at school events	High	Reduces substance use problems
Prevention of Impaired Driving		
Establish and enforce “zero tolerance” laws for underage drivers	Very High	Reduces alcohol-related crashes (all states have these laws)
2. Sobriety checkpoint	Very High	Very effective in reducing crashes & drunk driving
3. Publicized enforcement of laws	High	Strong effect on drunk driving

Third, a bill to increase the penalty for sale of alcohol to a minor and to increase penalties to adult providers had been introduced. Additionally, one proposal seeks to raise the taxes on alcohol as they have not increased since 1984.¹⁹ The “real” price of alcohol after taking inflation into account has decreased over time instead of increasing as it should.¹⁸ Each of these bills could potentially result in a dramatic reduction in underage drinking through an environmental effort.

On the federal level, the Sober Truth in Preventing (STOP) Underage Drinking Act has been reintroduced. STOP Underage Drinking is in response to the 2003 report, “Reducing Underage Drinking: A Collective Responsibility.” It seeks to start an adult-oriented national media campaign, funding community initiatives, monitoring advertising, and conducting research.¹⁹

1.3 The Role of Alcohol Companies

Retail businesses have a very simple main purpose, namely “to stimulate and sustain consumer consumption.”¹⁰ In the business of alcohol, the purpose is no different. Alcohol companies promote a social environment that keeps people drinking. This is not because the companies do not care about underage drinking and its consequences. Nonetheless, the main concern is profit. It is legal for them to sell and distribute alcohol, and as with any business, the industry’s main concern is generating revenue.

In general, alcohol companies tend to use four main marketing strategies. They introduce new products. Alcopops is one creation that seems to make it very difficult for young people to tell the difference between an alcoholic beverage and a soft drink.

As discussed in section 1.1.1.1, this one product has helped close the gender gap in underage drinking. Secondly, alcohol companies also use placement as a means of making alcohol accessible to target populations. Many times, specific communities become saturated with alcohol outlets, particularly those neighborhoods which are in college and low-income areas. Additionally, alcohol is a main key to the success of a convenience store, and as such, its presence is often imperative even if the store is in a location frequented by children. Thirdly, alcohol companies seek to keep the price of alcohol low. Several studies show that price mostly affects young drinkers, and that almost assuredly, as price lowers, use increases among underage drinkers.^{2, 18} Lastly, alcohol companies use promotion. Much of this advertising is aimed at young people, through placement of ads during youth-aimed television programs, the use of cartoons and animals, and even celebrity endorsements.⁸

Of these four strategies, policy makers hesitate to address the issues surrounding advertising. The media is a huge part of today's society, and alcohol consumes a large share of advertising space. It is estimated that the alcohol industry spends about \$4 billion each year on advertising.⁸ Advertisements are available on television, on the radio, in magazines or on the Internet; they're seen around town on buses, on billboards, on tabletops and t-shirts; this also includes alcohol companies who sponsor different events, including concerts, racecars, and competitions.¹⁰

1.3.1 Effect of Media on Underage Drinking

Alcohol advertising is important because of the effect that it has on underage drinking. Alcohol advertising, including ads for beer and distilled spirits, is most likely

to appear in magazines with a large number of youth readerships. While alcohol companies argue that their target audience is adults between the ages of 21 years and 34 years, underage youth were equally exposed to this type of advertising.²⁰

One study compared the effects of different types of advertising on drinking among junior high students. This study found that if a student was a non-drinker in seventh grade but had repeated exposure to in-store displays, then they were more likely to drink by the ninth grade. If they were drinkers in the seventh grade, then exposure to magazine advertisements and beer concession stands led to higher frequencies of drinking in the ninth grade. Likewise, this same study also showed that participation in an educational prevention program reduced drinking rates of both groups and countered the effects of in-store displays.²¹ In several studies, on the other hand, it was not proven that television advertising had any sort of effect on drinking.²¹ One study, however, focused on this type of advertising and found that advertisements displaying a youthful lifestyle were more likely to be noticed and remembered by underage people.²² Another tactic that alcohol companies use in their marketing campaigns is providing clothing items with alcohol advertisements on them. These clothing items have been shown to produce an increased perception of a pro-drinking environment among youth.²³

There is no doubt that the alcohol industry aggressively markets its product, as one would expect any business to do. The current study seeks to identify how pervasive the alcohol industry has made its product in one community.

CHAPTER 2

EAST DALLAS

2.1 The Current Project

As part of a grant from the Texas Commission on Alcohol and Drug Abuse through the Texas State Incentive Program, the Alliance on Underage Drinking (ALoud) is implementing the Community Trials Intervention to Reduce High-Risk Drinking. The program is centered on the East Dallas community because of its ability to represent the city's diversity. It includes Bryan Adams High School, which has a student population of a majority of minority students. It also includes a several private schools, as well as Neighborhood Crime Watch groups and two Weed and Seed programs.²⁴

2.1.1 The Sacramento Community Trials Project

The implementation of the Sacramento Community Trials Intervention includes a variety of techniques. The Sacramento Community Trials Project first began through the success of community-intervention programs to address various chronic health problems. The original research team wanted to see if community-wide projects could reduce drinking-related problems.²⁴ It was first used as a five-component community-level intervention conducted in three experimental communities that were compared to three other communities. It included a media and mobilization campaign, a responsible beverage service component, reducing sales to youth section, a drinking and driving

operation, and a reduction of access component.²⁵ In this project, community mobilization was the most important aspect. “Mobilization is the purposeful organization of community members to implement and support policies that will reduce alcohol-involved trauma.”²⁶ It is through this mobilization that other strategies take place. Mobilization itself is not the end, but simply the beginning.

The manner in which the coalition is able to customize general prevention strategies to fit its unique community needs is the strongest predictor of the projects ability to enact change in a community.²⁶ The initial Sacramento Community Trials Project resulted in a greater reduction of crashes involving alcohol-impaired drivers, in alcohol-related assault injuries, and in self-reported driving after drinking in the experimental communities than in the comparison communities.²⁵ The purported reason for this is that the experimental communities reflected a change in the high-risk environmental structures. Throughout several studies of high-risk behaviors and their consequences, the most effective policy is to change the structures in the environment that encourage high-risk behavior.²⁶

Another manner in which the Sacramento Community Trials Project was able to enact significant change was through its media advocacy campaign. Media advocacy is “the strategic use of news media to advance social or public policy initiative.”²⁷ This may include public information and education campaigns, but in particular, its focus is on increased news coverage in both electronic and print media. The reason for this is that news coverage has been shown to be more effective at enacting change than public information campaigns.²⁷

2.1.2 *The Goals of ALOUD’s Initiative*

In the current project, ALOUD seeks to implement the above mentioned actions that the Sacramento Community Trials Project used. It will also include a number of generic prevention techniques as the assessment of the community demonstrates would be most effective. Table 2 describes some of the initiatives that ALOUD will employ.

Table 2.1 ALOUD Implementation Strategies

Coalition Building with leaders of the East Dallas community
Encouragement of media coverage to increase perception of arrests for: <ul style="list-style-type: none"> • Drinking & driving • Alcohol use by minors
Increase in educational materials during sting operations with TABC & DPD
Support of the Shattered Dreams Project
Increase signage about ID checks
Parental supervision of alcohol access in the home through <ul style="list-style-type: none"> • “Parents Who Host Lost the Most” • Messages of Too Smart to Start & STARS for Families
Survey of students at Bryan Adams High to show perceived risk & perceptions of availability
Research of alcohol outlet density
Educational outreach to policy makers on high-risk behaviors & laws
Newsletters & presentations to different groups including <ul style="list-style-type: none"> • Schools • Neighborhood associations • Youth groups • Apartment communities
Increase Responsible Beverage Service & Sales policies through a seller/server newsletter
Evaluation of all efforts

2.1.3 Environmental Assessment of East Dallas

The current project sought to provide ALOUD with an environmental assessment of East Dallas. This assessment will supply ALOUD with a plethora of information on the community. It includes an evaluation of alcohol outlets, alcohol advertisements including signage at alcohol outlets and billboards throughout the community, and an assessment of places where youth are likely to be including the following: parks, recreation centers, libraries, schools, and churches.

The East Dallas community has been defined by ALOUD as the area between Interstate Highway 30, Interstate Highway 635, North Central Expressway, and Northwest Highway. This area includes some parts of the following zip codes: 75150, 75204, 75206, 75214, 75218, 75223, 75226, 75228, and 75246. A map of the included area is shown in Figure 2.1.



Figure 2.1 East Dallas

2.1.3.1 Method

The environmental assessment was completed in the East Dallas community through a window survey of the area during January 2005. The window survey was done through a series of drives through the various areas with the different variables being documented through digital recordings. The digital recordings were then transcribed, and the data was recorded in a relational database. Addresses were then compiled from data given by the Texas Alcohol and Beverage Commission (TABC) and the North Texas Council of Governance. The addresses were then added to the data gained through the window surveys.

2.1.4 Variables

The environmental assessment provided a variety of information about the communities within East Dallas. The data provided includes a number of different variables.

2.1.4.1 Alcohol Outlets

The first variable documented through the assessment was the number and position of alcohol outlets. This information included sites that are licensed through the TABC to sell beer, wine, and/or liquor. It includes both off-sale and on-sale alcohol. The outlets range in type, including restaurants, clubs, bars, grocery stores, liquor stores, gas stations, and convenience stores.

2.1.4.2 Churches

The second variable documented through the assessment was the number and position of churches. This information included all types of religious meeting places

including various Christian denominations, Church of Latter Day Saints, Scientology, and Jehovah's Witness.

2.1.4.3 Community Centers

The third variable documented through the assessment was the number and placement of community centers. This information included various places available to the community as a public good. Community centers in the current study include parks, recreation centers, libraries, and hospitals for the current study.

2.1.4.4 Schools

The fourth variable documented through the assessment was the number and placement of schools. This information included all types of educational facilities for youth and adolescents. Incorporated therein were public elementary, middle, and high schools, private schools, public and private universities and colleges, and training schools.

2.1.4.5 Billboards

The fifth variable documented through the assessment was the number and placement of billboards throughout the community. This information included billboards for beer, liquor, and wine.

2.1.4.6 Alcohol Signage

The sixth variable documented through the assessment was the number of signs visible from the street at the various alcohol outlets. This information included neon signs, window advertisements, mentions of beer, liquor, or wine on the building, and promotional décor.

2.1.4.7 Demographics

The seventh variable documented through the assessment was demographic information by zip code. This information was compiled from the 2000 United States Census. It includes total population, race, education levels, median household income, and the percentage of families and individuals below poverty level.

2.1.5 Results

The results of the current project were compiled through frequency distributions among the different variables. Through these frequency distributions, the environmental assessment will provide ALOUD with the specific areas within East Dallas that need immediate attention, and can allow for targeting of specific prevention campaigns by zip code.

In addition, the current project was able to provide information about the density of alcohol outlets by specific area.

Lastly, the results were able to show which demographic populations were most at risk due to the amount of alcohol outlets and signage in their specific communities.

2.1.5.1 Frequency Distributions

In the area of East Dallas, there are a total of 405 alcohol outlets. Of those, there are 79 gas stations, 46 liquor stores, 123 bars, 34 clubs, and 123 restaurants. On Figure 2.2, the density of the alcohol outlets throughout the area by east and west can be seen. As one can see, the majority of outlets are in the southwestern quadrant of East Dallas. There are a total of 59 schools including 24 elementary schools, 4 middle schools, 6 high schools, and 23 other types of schools. The area boasts 81 churches and 52 community centers. Of those community centers, there are 36 parks, 9 recreation



Figure 2.2 Alcohol: Deep Ellum



Figure 2.3 Alcohol: Greenville



Figure 2.4 Alcohol: White Rock



Figure 2.5 Alcohol: Far East

Key

- △ Park
- O Recreation Center
- H Hospital
- + Church
- Alcohol Outlet
- L Library



Figure 2.6 Comm. Ctrs.: Deep Ellum



Figure 2.7 Comm. Ctrs.: Greenville



Figure 2.8 Comm. Ctrs.: White Rock



Figure 2.9 Comm. Ctrs.: Far East

Key

- △ Park
- O Recreation Center
- H Hospital
- + Church
- Alcohol Outlet
- L Library

centers, 3 libraries, and 4 hospitals. Maps of the alcohol outlets and community centers are found in Figures 2.2-2.9.

2.1.5.1.1 Zip Code 75150

In zip code 75150 in the East Dallas area, there was no alcohol retail outlets. There were 4 schools with 3 being elementary schools and 1 middle school. There were 2 churches in this area as well as 6 different community centers. To specify, there were 4 parks, 1 recreation center, and 1 hospital.

2.1.5.1.2 Zip Code 75204

In zip code 75204, there were 41 total alcohol retail outlets. Of those, there were 18 gas stations, 2 liquor stores, 3 bars, 4 clubs, and 14 restaurants. The area includes 9 schools with 3 elementary schools, 2 high schools, and 4 other types of schools. There were 5 churches in this area as well as 7 different community centers. To specify, there were 4 parks, 2 recreation centers, and 1 hospital.

2.1.5.1.3 Zip Code 75206

In zip code 75206, there were 167 total alcohol retail outlets. Of those, there were 27 gas stations, 14 liquor stores, 63 bars, 4 clubs, and 59 restaurants. The area includes 7 schools with 3 elementary schools and 4 other types of schools. There were 19 churches in this area as well as 4 different community centers. To specify, there were 3 parks and 1 library.

2.1.5.1.4 Zip Code 75214

In zip code 75214, there were 57 total alcohol retail outlets. Of those, there were 13 gas stations, 13 liquor stores, 7 bars, 5 clubs, and 19 restaurants. The area includes 9 schools with 3 elementary schools, 1 middle school, 2 high schools, and 3 other types of schools. There were 8 churches in this area as well as 10 different community centers. To specify, there were 6 parks, 2 recreation centers, 1 library, and 1 hospital.

2.1.5.1.5 Zip Code 75218

In zip code 75218, there were 22 total alcohol retail outlets. Of those, there were 3 gas stations, 3 liquor stores, 2 bars, 7 clubs, and 7 restaurants. The area includes 9 schools with 4 elementary schools, 1 middle school, and 4 other types of schools. There were 20 churches in this area as well as 6 different community centers. All 6 were parks.

2.1.5.1.6 Zip Code 75223

In zip code 75223, there were 7 total alcohol retail outlets. Of those, there were 2 gas stations, 2 liquor stores, 2 bars, and 1 restaurant. The area includes 1 elementary school. There was church in this area as well as 4 different community centers. To specify, there were 2 parks and 2 recreation centers.

2.1.5.1.7 Zip Code 75226

In zip code 75226, there were 80 total alcohol retail outlets. Of those, there were 8 gas stations, 7 liquor stores, 43 bars, 3 clubs, and 19 restaurants. The area

includes no schools. There was 1 church in this area as well as 4 different community centers. To specify, there were 3 parks and 1 hospital.

2.1.5.1.8 Zip Code 75228

In zip code 75228, there were 21 total alcohol retail outlets. Of those, there were 2 gas stations, 5 liquor stores, 2 bars, 10 clubs, and 2 restaurants. The area includes 16 schools with 6 elementary schools, 1 middle school, 2 high schools, and 7 other types of schools. There were 23 churches in this area as well as 9 different community centers. To specify, there were 7 parks, 1 recreation center, and 1 library.

2.1.5.1.9 Zip Code 75246

In zip code 75246, there were 10 total alcohol retail outlets. Of those, there were 6 gas stations, 1 club, 1 bar, and 2 restaurants. The area had no liquor stores. The area includes 4 schools with 1 elementary school and 3 other types of schools. There were 2 churches in this area as well as 2 different community centers. To specify, there was 1 park and 1 recreation center.

2.1.5.2 Density

In the area of East Dallas, there are obvious “hot spots,” or areas of specific concern because of the number of outlets in that area. There are two main hot spots, Deep Ellum and Greenville Avenue. Aside from these, there are a few other spots that are also of concern to their specific communities.

One specific hot spot would be the Deep Ellum community located in the 75226 area on Elm St., Main St., and Commerce St as seen in Figure 2.2. This area has several bars, clubs, and restaurants. In total, the area has over 60 alcohol outlets.

Another hot spot would be Greenville Ave., particularly the area between Lewis St. and Belmont Rd (see Figure 2.3). Between these streets on Greenville Ave., there are over 35 alcohol outlets, most of which are bars, clubs, and restaurants. If we continue to look northbound on Greenville Ave. until Mockingbird Ln, there are an additional 29 outlets, also mainly bars, clubs, and restaurants.

On Garland Road (Figure 2.4) within a four mile radius, there are 18 alcohol outlets. Unlike the two above communities, the majority is not clubs, bars, and restaurants, but is gas stations and liquor stores. This is also the case on Samuell Boulevard (Figure 2.4) where there are 13 outlets within four miles. The majority are also gas stations and liquor stores.

Other communities that have a dense clustering of outlets are the Lakewood Shopping Center, Columbia Avenue (between North Haskell Avenue and S Munger Boulevard), Old Town in the Village, North Fitzhugh Avenue (between Manett Street and Capitol Avenue), and Mockingbird Station.

2.1.5.3 Signage in Alcohol Outlets

Throughout the various alcohol outlets, there were signs visible from the street. The majority of these signs were neon signs located in the store. Figure 2.10 provides some examples of the signs that were visible.



Figure 2.10 Sample of visible signs

Table 2.2 provides a record of the number of signs in each type of alcohol outlet as well as the percent of outlets that have that number of signs. The findings show that the majority of signs are in gas stations and liquor stores. The window survey also confirmed that the majority of signs were likely to be in mom-and-pop stores rather than in national chains.

Table 2.2 Signage in Alcohol Outlets

Type of Alcohol Outlet	Total # of Outlets	Between 1-4 Signs Visible		Between 5-9 Signs Visible		10 or more Signs Visible		Referral to Alcohol Visible	
		#	%	#	%	#	%	#	%
Gas Stations	79	10	12.7	6	7.6	4	5.1	10	12.7
Liquor Stores	46	8	17.4	7	15.2	6	13.0	12	26.0
Bars	123	1	0.8	0	0.0	0	0.0	2	1.7
Clubs	34	0	0.0	0	0.0	0	0.0	2	5.9
Restaurants	123	0	0.0	0	0.0	0	0.0	4	3.3
Total	405	19	4.7	13	3.2	10	2.5	30	7.4

Also of interest is the finding that each type of outlet had some likelihood of having a referral to alcohol. A referral to alcohol includes the words beer or wine on the building, some type of picture of a martini glass, or some type of promotional item, such as Mardi Gras decorations with a particular alcohol brand on them (see Figure 2.11).



Figure 2.11 Sample referral to alcohol sales

2.1.5.4 Media through Billboards

Three types of alcohol were advertised in the East Dallas community on billboards including beer, liquor, and wine. Throughout the community there were 51 total billboards with alcohol-related advertising. Table 2.3 provides a breakdown of billboards per zip code by type. The environmental assessment showed that the majority of billboards are either for beer or liquor (96%). In addition, the majority of the billboards are located in the southwest quadrant of East Dallas.

Interestingly, there were two different types of billboards throughout the community. There were some large billboards, like the ones seen near highways, and in the community there were also billboards that were lower to the ground. Due to the high percentage of Hispanic people in this area, a number of these billboards were in Spanish. Figure 2.12 provides an example of one such billboard.

Table 2.3 Billboards in the East Dallas Community

Zip Code	Total # of Billboards	Beer		Liquor		Wine	
		#	%	#	%	#	%
75226	11	4	36.4	6	54.5	1	9.1
75214	9	4	44.4	5	55.6	0	0.0
75204	8	2	25.0	6	75.0	0	0.0
75206	6	5	83.3	0	0.0	1	16.7
75228	5	3	60.0	2	40.0	0	0.0
75223	5	3	60.0	2	40.0	0	0.0
75246	4	0	0.0	4	100.0	0	0.0
75218	3	1	33.3	2	66.7	0	0.0
75150	0	0	0.0	0	0.0	0	0.0
Total	51	22	43.1	27	52.9	2	3.9

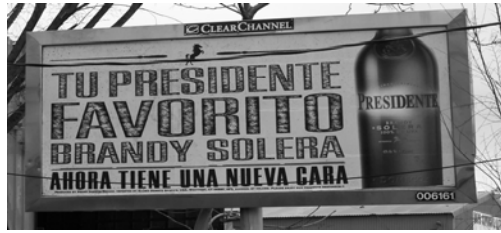


Figure 2.12 Sample billboard

2.1.5.5 Demographic Information

The current study also compared the total number of alcohol outlets per zip code to the demographics of that area. Of particular interest to the current project was a comparison of outlets to the racial demographics of each area and to the percentage of families and individuals below the poverty limit in each area.

Table 2.4 Total Alcohol Outlets and Race Percentages by Zip Code

Zip Code	% White	% Black	% Other	% Hispanic	Total Alcohol Outlets
75206	70.4	4.9	22.0	36.6	167
75226	43.3	12.1	41.8	51.9	80
75214	76.8	4.5	18.7	26.8	57
75204	55.5	11.4	28.9	44.3	41
75218	84.7	5.3	7.8	16.9	22
75228	51.6	24.9	20.7	32.2	21
75246	42.0	14.6	40.6	54.3	10
75223	38.9	19.9	38.0	64.1	7
75150	76.9	10.4	10.3	16.1	0

Table 2.4 shows the racial percentages for each zip code as well as the total number of alcohol outlets in that area. It also specifies the percentage of individuals in that area that identify themselves as Hispanic regardless of race. The findings show that the higher the percent of minorities, the higher the total number of alcohol outlets, with

the exception of zip codes 75223 and 75246. However, only a very small portion of zip code 75223 is included in the East Dallas community. Perhaps if the current study was able to only look at the racial percentages for that small area, the findings would support the others.

Table 2.5 Total Alcohol Outlets and Poverty Levels Percentages by Zip Code

Zip Code	% Families Below Poverty Levels	% Individuals Below Poverty Levels	Total Alcohol Outlets
75206	11.7	14.5	167
75226	24.8	31.0	80
75214	7.1	10.4	57
75204	22.5	21.5	41
75218	4.9	7.1	22
75228	14.1	16.4	21
75246	27.3	32.6	10
75223	25.3	28.5	7
75150	4.7	6.9	0

Table 2.5 shows the percentage of individuals and families below the poverty level by zip code as well as the total number of alcohol outlets in that area. The findings show that the poorer the neighborhood the more outlets there are. The study, however, does show two exceptions: 75206 and 75223. Again, the findings for 75223 may be different if we could focus only on the area included in East Dallas. Also, 75206 is an area of East Dallas known as the Greenville community which includes a large number of upscale bars, clubs, and restaurants for that community, not gas stations and liquor stores.

2.1.5.6 Distance

The current project also assessed the distance between alcohol outlets and schools. The farthest distance between a school and an alcohol outlet was 3 miles, and that was in Far East Dallas. In fact, a majority of the schools were less than 1 mile from an alcohol outlet. Forty-two out of the total (sixty-one) schools were within this distance, or 69 percent of the total. Only 8 schools (13%) were at least two miles from an alcohol outlet. To be noted is the discovery that more than a third of the schools were less than or equal to being half a mile from an alcohol outlet (22 schools, 36%). Figures 2.13-2.16 (Key: ● Alcohol Outlet ¶ School) provide maps depicting the alcohol outlets and schools.



Figure 2.13 Alcohol & Schools: Deep Ellum



Figure 2.14 Alcohol & Schools: Greenville



Figure 2.15 Alcohol & Schools:
White Rock



Figure 2.16 Alcohol & Schools:
Far East

- Key
- Alcohol Outlet
 - ⌚ School

CHAPTER 3

POLICY IMPLICATION

Based on the results, the environmental assessment of East Dallas can be used as a springboard for policy initiatives. To summarize the results, the study shows that a majority of the alcohol outlets and billboards are in the southwest quadrant of East Dallas. The assessment also found that the poorer a neighborhood, and the more minorities in the area, then the more likely it was to have a larger number of alcohol outlets. In addition, the assessment also found that a majority of the signage were in mom-and-pop gas stations, and that some even had more than 10 signs visible from the street. Lastly, the results show that all the schools in all four quadrants of East Dallas are within three (3) miles of an alcohol outlet.

3.1 Zoning

Working with community leaders in the southwestern quadrant of East Dallas, the public could request stronger zoning codes. In particular, if the number of gas stations and liquor stores could be regulated for a specific area, the better off the community's youth would be. Studies have shown that the density of alcohol outlets is a strong predictor of underage drinking.²⁹ If the density could be changed in these areas, then the amount of underage drinking would possibly also decline.

In addition, the minority leaders of East Dallas should also be included in this public movement. Because of the targeting of the minority and poor neighborhoods,

these populations should be able to request that this purposeful placement be stopped. Several studies have already shown that these two groups are the most likely to experience negative alcohol-related problems.¹⁰ For that reason, East Dallas should take an active stance to protect the poor and minority groups from the influence of a higher density of alcohol outlets in the areas with a large number of those two groups.

On this same note, children cannot lobby for themselves. Every student in East Dallas passes an alcohol outlet either coming or going to school, and some pass more than one. East Dallas could lobby to create a certain distance that an alcohol outlet must be from a school.

3.2 Signage

The current study found that the majority of signs in alcohol outlets were in mom-and pop gas stations. Of all the alcohol outlets, 10.4 percent had at least one visible sign. In addition it found that 18.4 percent of the gas stations and liquor stores had over 5 signs visible from the street. Current law states that these outlets can have these signs as long as they have been granted permission through an application process with the Texas Alcohol and Beverage Commission.³⁰

One recommendation in this area would be for ALOUD to conduct a community initiative in which the outlets are asked to take down some of the signs. In addition, ALOUD could ask them to post signs in the store concerning the legal drinking age, identification of purchasers, and warning signs. Lastly, ALOUD could lobby for the current law to be changed, such that a limit is placed on the number of

signs an outlet may have or a new restriction on the distance the sign must be from the exterior wall.

3.3 Media: Billboards

The current assessment found that billboards are most rampant in the southwest quadrant. It was also noted that the majority were for beer or liquor and that several of the billboards were in Spanish.

Again, ALOUD could work with community leaders to petition the local government to change its zoning laws such that any one area is not overloaded with alcohol advertisements. In addition, ALOUD could also look into the different range of billboards concerning their distance from the ground. ALOUD could attempt to prohibit alcohol billboards that are close to the ground. Lastly, ALOUD could also work to establish counter-advertising to combat the billboards.

CHAPTER 4

LIMITATIONS & RECOMMENDATIONS

The current environmental analysis was able to provide basic results concerning the alcohol environment throughout East Dallas. For this reason, it leaves room for more in-depth analysis.

The current analysis looked at all alcohol outlets (including beer retailers, off-premises beer retailers, wine and beer retailers, wine and beer off-premises, package store retailers, and wine only package stores) as one general set of alcohol outlets. Further analysis could look at each of these individually.

Additionally the current assessment noted that several billboards were in Spanish, however individual data was not kept on these signs. Another study could be done in which billboards were looked at specifically. Specifically, it could focus on the type of alcohol advertising and whether it is directed at youth through animals, parties, and such. It could also note which neighborhoods had bilingual alcohol advertising.

Another aspect that could be useful for further information would be an assessment of the signs within the stores concerning legal drinking ages, identification procedures, and warning signs of harmful health effects.

Also, studies could be done after ALOUD has implemented some of their community initiatives to see if any changes have resulted in the community. If ALOUD was also able to compare results of youth alcohol surveys from the current time period

with those after some of the aspects of the environment have been changed, then perhaps ALOUD would be able to infer that the environment was a cause of some underage drinking.

Lastly, the current project was limited in that it relied heavily on forms of study that are likely to result in human error. Human error may have occurred during the window survey, dictation and transcription process, or during the data entry into a relational database. The current study could also have been improved through the use of a GIS system.

APPENDIX A

ALCOHOL OUTLETS

Table A.1 Alcohol Outlets

Name	Street Address	Zip Code	Type	Signag e	Other
Hasty Liquors #48	5858 Greenville Ave	75206	Liq St	15	Beer & Wine
Parkit Market/PM Discount Liquor	4724 Greenville Ave	75206	Liq St	15	
Quick Way Food Mart (3 stores)	1402 N Carroll	75204	Gas	15	
Kwik Stop Beer & Wine 'C'	205 S Carroll Ave	75226	Gas	11	
Henderson Convenience Store	2831 N Henderson	75206	Gas	10	Beer & Wine
John's Best Buy Liquor	3724 Samuell Blvd	75228	Liq St	10	Beer & Wine
North Texas Liquor Beer & Wine	6448 E Mockingbird	75214	Liq St	10	
Payless Discount Beer Wine	7733 Garland Rd	75218	Liq St	10	Liquor
Sigels Liquor & Fine Wines	5757 Greenville Ave	75206	Liq St	10	Beer
Tony's Neighborhood Store	820 N Fitzhugh	75246	Gas	10	
Centennial Liquor Beer & Wine	400 Medallion Ctr	75214	Liq St	8	
Mike's Discount Liquor Beer & Wine	6441 E Mockingbird Ln	75214	Liq St	8	
MZ Grocery Deli Beer Wine	4420 Worth St	75246	Gas	8	
Shop N Go #5	2936 N Fitzhugh	75204	Gas	8	
Zuhdi Texaco	1701 Skillman St	75206	Gas	8	
J & J Beer & Wine	7230 Gaston Ave	75214	Liq St	6	Liquor
Century Liquor	7733 E Grand Ave	75214	Liq St	5	Beer & Wine
Greenville Liquor Store	1737 Greenville Ave	75206	Liq St	5	

Table A.1 – continued

John Qwick Stop Beer Wine #2	3708 Samuell	75228	Liq St	5	
Kwik Stop	4219 Gaston Ave	75246	Gas	5	
Lion Discount Beverage	7272 Gaston Ave	75214	Liq St	5	
Payless Convenience Store	205 N Carroll	75246	Gas	5	
S & S Food Store	2402 N Fitzhugh Ave	75204	Gas	5	Beer & Wine
Bottle & Brew	2118 Greenville Ave	75206	Liq St	4	
Columbia Food Mart	5530 Columbia	75214	Gas	4	
Whip In	7233 Gaston Ave	75214	Gas	4	
Andy's Food Mart	2403 N Fitzhugh	75204	Gas	3	
Brady's Liquor Stop	3724 Samuell	75228	Liq St	3	
Centennial Liquor Beer & Wine	6312 La Vista Dr	75214	Liq St	3	
Fitzhugh Food Store	2508 N Fitzhugh	75204	Gas	3	
J'S Food Mart	1621 N Garrett Ave	75206	Gas	3	
Super Save Liquor	2707-11 Bennett	75206	Liq St	3	

Table A.1 – continued

T Grocery	4500 Bryan St	75204	Gas	3	Beer & Wine
A & AN'S Food Mart	2411 N Henderson	75206	Gas	2	Beer & Wine
Carroll Beer & Wine	1305 N Carroll	75204	Liq St	2	
Deesway #26	112 N Collett #100	75214	Gas	2	
Johnny's Liquor #3	4928 Columbia Ave	75214	Liq St	2	Beer & Wine
Medallion Discount Liquor Beer & Wine	5748 Live Oak	75206	Liq St	2	
Shop n Go	4950 Columbia Ave	75214	Gas	2	Beer & Wine
Swift-T Food Store #21	3712 Live Oak	75204	Gas	2	
Big Jim's Liquor	117 S Carroll	75226	Liq St	1	
Lakewood Landing	5818 Live Oak	75214	Bar	1	Wine & Beer
7-11	8902 Garland	75218	Gas	0	
7-11	5550 E Grand Ave	75223	Gas	0	
7-11	111 N Carroll	75226	Gas	0	
7-11	2120 Greenville Ave	75206	Gas	0	

Table A.1 – continued

7-11	3702 Greenville Ave	75206	Gas	0	
7-11	5712 Skillman St	75206	Gas	0	
7-11	4104 Gaston Ave	75246	Gas	0	
7-11	2802 N Fitzhugh	75204	Gas	0	
7-11	2129 Abrams Rd	75214	Gas	0	
7-11	2608 Elm St	75226	Gas	0	
7-11	11441 Shiloh Rd	75228	Gas	0	
7-11	7815 Garland Rd	75218	Gas	0	
7-11	4024 Ross Ave	75204	Gas	0	
7-11	5804 Abrams Rd	75214	Gas	0	
7-11	4200 Abrams Rd	75214	Gas	0	
Across the Street Bar	5625 Yale Blvd	75206	Bar	0	
Adair's Saloon	2624 Commerce	75226	Bar	0	
Adrest Inc. 60361 & 60460	2503 Lemmon Ave	75204	Gas	0	

Table A.1 – continued

Alfonso's	718 N Buckner #222	75218	Rest	0	
Ali Baba Chicken	1905 Greenville Ave	75206	Rest	0	
Andrea's	4816 Gaston	75246	Rest	0	
Angelika Film Center & Café	5321 E Mockingbird Ln Ste 201-201A	75206	Rest	0	
Angelo's Spaghetti House	6341 La Vista	75214	Rest	0	
Angry Dog	2726 Commerce	75226	Bar	0	
Arcadia Liquor	2107 N Henderson	75206	Liq St	0	
Audie L. Murphy Memorial VFW Post	2325 Lakeland Dr	75228	Club	0	
Aw Shucks	3601 Greenville	75206	Rest	0	
Bailey's 1st & 10	6465 E Mockingbird Ln Ste 316	75214	Bar	0	
Baker Bros American Deli	5500 Greenville Ave #1102	75206	Rest	0	
Baker's Ribs	2724 Commerce	75226	Rest	0	
Baker's Ribs	4844 Greenville	75206	Rest	0	
Bandera Club	10815 Ferguson Rd	75228	Club	0	

Table A.1 – continued

Bangkok City Restaurant	4301 Bryan St Ste 101	75204	Rest	0	
Bangkok City Restaurant	4503 Greenville Ave	75206	Rest	0	
Barrocco Restaurant	2025 Greenville Ave	75206	Rest	0	
Beacon Beer & Wine Plus	112 N Beacon	75214	Liq St	0	
Beagle	1806 Greenville Ave	75206	Club	0	
Beer to go Drive Thru	4821 Columbia Ave A	75226	Liq St	0	Beer
Beermart Express	3250 Samuell Blvd	75223	Liq St	0	
Bellas de Noche	2513 N Fitzhugh	75204	Rest	0	
Bennigan's	12505 E NW Hwy	75228	Rest	0	
Beverage Depot	2810 Samuell Blvd	75223	Liq St	0	
Bida Ben Duong	4822 Bryan	75204	Rest	0	
Big Fish Little Fish Restaurant	2810 N Henderson	75206	Rest	0	
Big Shucks	6232 E Mockingbird Ln	75214	Rest	0	
Billares La Sandia	2505 N Fitzhugh	75204	Rest	0	

Table A.1 – continued

Billiard Bar	1920 Greenville	75206	Bar	0	
Binh Minh Market	4823 Bryan	75204	Gas	0	
Black-Eyed Pea	6400 Gaston	75214	Rest	0	
Blue Goose Cantina	2901-05 Greenville	75206	Bar	0	
Blue Oyster Bar 1	4941 Columbia	75214	Rest	0	
Brady's Liquor Shop	3732 Samuell Blvd	75228	Liq St	0	
Bryan Street Discount Liquor	2705 Bryan	75204	Liq St	0	
Buckhorn Liquor #53	7826 Garland Rd	75218	Liq St	0	
Burger House	6248 Mockingbird	75214	Rest	0	Beer
Burgers Beer & Wine	3766 Samuell	75228	Liq St	0	Beer
Café Express-Mockingbird Station	5307 E Mockingbird '150'	75206	Rest	0	
Café Izmir	3711 Greenville Ave	75206	Rest	0	
Café Lago Private Club Inc.	9219 Garland Rd #1102	75218	Club	0	
Café Nostra Pizza	2023 Greenville Ave	75206	Rest	0	

Table A.1 – continued

Candle Room	5039 Willis Ave A	75206	Bar	0	
Cantina Laredo	2031 Abrams Rd	75214	Rest	0	
Carnival #118	1800 N Henderson	75206	Gas	0	
Carrabba's Italian Grill	1901 Abrams	75214	Rest	0	
Centennial Fine Wine & Spirits #23	4881 Lawther Dr	75214	Liq St	0	Liquor & Beer
Chaucer's	5321 E Mockingbird Ln Ste 240	75206	Bar	0	
Chg Cityplace LLG	2711 N Haskell LB34	75204	Bar	0	
Chili's	246 Casa Linda	75218	Rest	0	
Chipotle	7700 N Central Expwy	75206	Rest	0	
Chrome	2604 Main St	75226	Bar	0	
CJ's Billiard Palace	7328 Gaston Ave	75214	Bar	0	
Club Clearview	2803-05 Main St	75226	Bar	0	
Club Dada	2720 Elm St	75226	Bar	0	
Club Fever	2816 Elm St	75226	Bar	0	

Table A.1 – continued

Club Indigo	2702 Main St	75226	Bar	0	
Club NV	216 N Crowdus	75226	Bar	0	
Club One	3025 Main St	75226	Bar	0	
Cock & Bull Wine Bar & Restaurant	6330 Gaston	75214	Bar	0	
Coconuts Island Grill	2100 Greenville Ave	75206	Rest	0	
Compadres Taqueria	4824 Belmont Ave	75204	Rest	0	
Cork & Bottle Co.	5646 E Mockingbird	75206	Liq St	0	Liquor Beer & Wine
Corner Stop	2203 Greenville Ave	75206	Gas	0	
Cosmopolitan Restaurant	1212 Skillman	75206	Rest	0	
Cowboy Chicken	5315 Greenville Ste 125	75206	Rest	0	
Coyote Ugly Saloon	2813 Commerce St	75226	Bar	0	
Crave Café & Bar	2912 Elm St	75226	Bar	0	
Cuba Libre Café	2822 N Henderson	75206	Rest	0	
Cuckoos Nest Pub	4814 Greenville	75206	Bar	0	

Table A.1 – continued

Cuquita's Restaurant	2326 N Henderson	75206	Rest	0	
Curtain Club	2800 Main St	75226	Bar	0	
Daddy Jack's	1916 Greenville	75206	Rest	0	
Daddy Jack's Wood Grill	2723 Elm	75226	Bar	0	
Dallas Athletic Club Country Club	4111 La Prada	75228	Club	0	
Dallasite Club	3239 Ross Ave	75204	Club	0	Martini Glass
Deep Ellum Blues	2614 Main St	75226	Bar	0	
Deep Ellum Live	2727 Canton	75226	Bar	0	
Deep Sushi	2624 Elm St	75226	Rest	0	
Desperados	4818 Greenville	75206	Bar	0	
Dickey's Barbeque Pit Inc	4610 N Central Expwy	75206	Rest	0	
Dodies Seafood Café	2129 Greenville Ave	75206	Rest	0	
Double Wide	3506-10 Commerce	75226	Bar	0	
Dragon Pearl Restaurant	4201 Gaston Ave Ste 102	75246	Rest	0	

Table A.1 – continued

El Recodo	4430 Main St	75226	Rest	0	
El Socio Night Club	3710 Samuell Blvd	75228	Club	0	
Elbow Room	3010-14 Elm St	75226	Bar	0	Mardi Gras Dec
Elm Street Bar	2812 Elm St	75226	Bar	0	
Far West Dallas	7331 Gaston Ave	75214	Club	0	
Fat Ted's	2713 Commerce	75226	Bar	0	
Fiesta Mart #40	5334 Ross Ave	75206	Gas	0	
Fireplace Lounge	3122 Samuell Blvd	75223	Bar	0	
Fireside Pies	2820 N Henderson Ave	75206	Rest	0	
Fish Bone Grill	318 Medallion Ctr	75214	Rest	0	
Francis Simun Bakery & Café	3106 Commerce St	75226	Rest	0	
Franki's Lil Europe	362 Casa Linda Plaza	75218	Rest	0	
Fraternal Order of Eagles Dallas	8500 Arturo	75228	Club	0	
Frazini's Pizza	2639 Elm St 'C'	75226	Rest	0	

Table A.1 – continued

Freebirds World Burrito	5500 Greenville Ave	75206	Rest	0	
Fuddruckers	5500 Greenville Ste 505	75206	Rest	0	
Fybr Salon	108 S Crowdus	75226	Rest	0	
G. Quick Save Food Marts	1900 N Hall St	75204	Gas	0	
G.T.O. Club	2403 N Henderson	75206	Bar	0	
Galaxy Club & Games	2808 Commerce St	75226	Bar	0	
Gelato Paradiso Ollie & Lei's Luau	5321 E Mockingbird	75206	Rest	0	
Genghis Gril #7	5500 Greenville Ste 402	75206	Rest	0	
Gloria's Restaurant	3715 Greenville Ave Ste A	75206	Rest	0	
Go Lounge/Tantra	1917 Greenville Ave	75206	Bar	0	
Gogo Grocer	3809 Eastside	75226	Gas	0	
Good Spirits Inc	6464 E Mockingbird	75214	Liq St	0	
Goody Goody Liquor Inc	2937 Greenville Ave	75206	Liq St	0	
Grailey's Fine Wine & Beer	6038 Oram	75206	Gas	0	

Table A.1 – continued

Gran Machu Picchu Private Club	11255 Garland Rd Ste 800	75218	Club	0	
Granada	3524 Greenville	75206	Bar	0	
Greenville Bar & Grill	2821 Greenville Ave	75206	Bar	0	
Greenville Shell	2237 Greenville Ave	75206	Gas	0	
Grocery Plus	4815 Columbia Ave 'B'	75226	Gas	0	
Gueros Cantina	3300 Samuel Blvd	75223	Bar	0	
Gypsy Tea Room	2513 Main St	75226	Club	0	
Hastee Grocery Beverage	7814 Garland Rd	75214	Gas	0	Beer, Liquor & Wine
Hasty Liquor Beer & Wine	7812 Garland Rd	75214	Liq St	0	
HEB Central Market #552	5750 E Lovers Ln	75206	Gas	0	
Hector's on Henderson	2929 N Henderson Ave	75206	Bar	0	
Highland Food Store	1406 Greenville Ave	75206	Gas	0	
Humperdink Hornblower & Witts	6050 Greenville Ave	75206	Rest	0	
Hurricane Grill	2831 Greenville Ave	75206	Rest	0	

Table A.1 – continued

Hush	2642 Main St	75226	Bar	0	
Industry Café of Dallas	2810 Elm St	75226	Rest	0	
Island Club	10834 Ferguson Rd	75228	Club	0	
It'll Do Club	4322 Elm St	75226	Bar	0	
Izmir Market & Deli	3607 Greenville Ave	75206	Rest	0	
J Murphy's Club	2353-55 Oates Dr	75228	Club	0	
J Pepes TexMex Grill & Cantina	3619 Greenville	75206	Rest	0	
Jack's Pub & Volleyball Club	5550 Yale Blvd	75206	Bar	0	
Jaden's Restaurant & Bar	4425 N Central Expwy	75204	Rest	0	
Jakk's	10226 Garland Rd	75218	Club	0	
Jason's Deli-Mockingbird	5400 E Mockingbird	75206	Rest	0	
Jena's Allgood Café	2934 Main	75226	Rest	0	
Jerry's Supermarkets Inc	2323 N Henderson	75206	Gas	0	
Jimmy Food Store	4901 Bryan	75206	Gas	0	Alcohol

Table A.1 – continued

Jimmy's Wheel-In Grocery Beverage	7524 E Grand	75214	Gas	0	
Joe's 64	2807 Elm	75226	Liq St	0	Liquor Beer & Wine
John Franklin Sprague Post No. 6796	9179 Gaston Pky	75218	Club	0	
Johnny's Club Vegas	4213 Gaston	75246	Club	0	
John's Café	2724 Greenville	75206	Rest	0	
Juanita's Cantina	5623 E Grand Ave	75223	Rest	0	Beer to Go
July Alley	2809 Elm St	75226	Bar	0	
Jupiter Club	11336 Jupiter	75218	Club	0	
King Palace Chinese Barbeque	2537 N Fitzhugh Ave	75204	Rest	0	
Kirby's Steakhouse	3525 Greenville Ave	75206	Rest	0	
Kismet Lounge & Deli	3707 Greenville Ave	75206	Bar	0	
Kostas Café	4914 Greenville	75206	Rest	0	
Kroger #518	5665 E Mockingbird	75206	Gas	0	
Kwik Stop Beer & Wine 'B'	132 S Carroll Ave	75226	Liq St	0	

Table A.1 – continued

Kwik Stop Liquor 'A'	124 S Carroll Ave	75226	Liq St	0	
La Acapulquena	5522 Columbia	75214	Rest	0	
La Calle Doce Restaurant	1925 Skillman St	75206	Rest	0	
La Casista Café	1908 Greenville Ave	75206	Rest	0	
La Dolce Vita	1924 Abrams Pky	75214	Rest	0	
La Jaivita	1516 Greenville Ave	75206	Bar	0	
La Mexicana Meat Market #3	2420 N Fitzhugh	75204	Gas	0	
La Michoacana Meat Market #6	4611 Columbia Ave #103	75226	Gas	0	
La Parrillada Restaurant	7260 Gaston Ave	75214	Rest	0	
Lakewood Bar & Grill	6340 Gaston Ave	75214	Bar	0	
Lakewood Country Club	6430 Gaston Ave	75214	Club	0	
Lakewood Mobil	1701 Skillman St	75206	Gas	0	
Lakewood Tavern & Wine Bar	6326 La Vista Dr	75214	Bar	0	
Lakewood Theater	1825 Abrams	75214	Rest	0	

Table A.1 – continued

Lao's Store	1408 N Carroll Ave	75204	Gas	0	
Las Ranitas Inc	4611 Columbia #102	75226	Rest	0	
Lazerz	2708 Main St	75226	Bar	0	
Linda's Waterhole	3727 Dilido Ste 146	75228	Bar	0	
Liquor Shoppe- Hopps Barley	5400 E Mockingbird Ste 106	75206	Liq St	0	
Little Havana	3520 Greenville Ave	75206	Bar	0	
Lizard Lounge	2424 Swiss Ave	75204	Club	0	
Local	2936 Elm St Ste A & B	75226	Gas	0	
Lone Star Club & Café	9540 Garland St	75218	Club	0	
Los Arcos Restaurant & Bar	3308 Ross Ave	75204	Rest	0	
Los Dos Reales	108 N Fitzhugh	75246	Bar	0	
Los Rancheros Mexican Café	2240 Gus Thomasson 'A'	75228	Rest	0	
Los Sapitos	4611 Columbia #101	75226	Rest	0	
Lota's Goat Pub	7248 Gaston Ave	75214	Club	0	

Table A.1 – continued

Louie's	1839 N Henderson	75206	Rest	0	Martini Glass
Lucky Liquor Wine	2835 N Henderson	75206	Liq St	0	
Lush	1520 Greenville	75206	Club	0	
Malone's Cost Plus Supermarket #6	4121 Gaston	75246	Gas	0	
Mama Knows Pizza #2	2935 Elm St	75226	Rest	0	
Margarita Ranch	5321 E Mockingbid Ln Ste 110	75206	Bar	0	
Margarita's Restaurant	2414 N Fitzhugh	75204	Rest	0	
Matt's Rancho Martinez Mexican Food	6332 La Vista Dr	75214	Rest	0	
MD Pluckers	5500 Greenville Ave	75206	Rest	0	
Mehdi's Bar & Bistro	2638 Elm St	75226	Bar	0	
Mick's Bar	2825 Greenville Ave	75206	Bar	0	
Mike's Grocery & Market	5422 Tremont St	75214	Gas	0	
Milo Butterfinger's	5645 Yale Blvd	75206	Bar	0	
Mis Casuelas Restaurant	4202 Main St	75226	Rest	0	

Table A.1 – continued

Mo Mo's Pasta	2704 Elm St	75226	Rest	0	
Mockingbird Shell	6119 E Mockingbird Ln	75214	Gas	0	
Monica Aca y Alla	2914 Main St	75226	Bar	0	
Moosh	2018 Greenville Ave	75206	Bar	0	
Muddy Waters on Greenville	1518 Greenville Ave	75206	Bar	0	
Nairobi	2656 Main St	75226	Bar	0	
Nero's	2104 Greenville Ave	75206	Bar	0	
New Amigos Food Mart	2519 N Fitzhugh	75204	Gas	0	
Nuevo Leon	2013 Greenville Ave	75206	Bar	0	
Old Monk	2847 N Henderson	75206	Bar	0	
Ostioneria Ixtapa Seafood	2406 N Fitzhugh	75204	Rest	0	
Ostioneria Playa Azul	2409 N Henderson 'A'	75206	Rest	0	
Otra Parte	1705 N Carroll	75206	Club	0	
Ozona Bar & Grill	4615 Greenville	75206	Bar	0	

Table A.1 – continued

Palm Beach Club	2816 Main St	75226	Bar	0	
Passport 3030	3030 Ross	75204	Bar	0	
Payless Discount Liquor	7729 Garland Rd	75218	Liq St	0	
Pepe's Mito's Mexican Café	2911 Elm St	75226	Rest	0	
Pietro's Italian Restaurant	5722 Richmond	75206	Rest	0	
Pocket Sandwich Theater	5400 E Mockingbird Ln Ste 119	75206	Rest	0	
Pony Keg	2900 Greenville Ave	75206	Bar	0	
Posttime Club	3650 N Buckner	75228	Bar	0	
Pour House	1919 Skillman	75206	Club	0	
Prego Pasta House	4930 Greenville Ave	75206	Rest	0	
Pure Restaurant	2720 Greenville Ave	75206	Rest	0	
Quik Trip	12100 E NW Hwy	75218	Gas	0	
Quik Way Food Mart #7	8106 Southwestern Blvd	75206	Gas	0	
Radisson Hotel Central Dallas	6060 N Central Expwy	75206	Bar	0	

Table A.1 – continued

Red Coleman's #68	5329 Ross Ave	75206	Liq St	0	
Regal Begal	5323 Greenville Ave Ste 1	75206	Bar	0	
Reikyu Sushi & Bar	5321 E Mockingbird Ln Ste 200	75206	Bar	0	
Reno's Chop Shop Saloon	210 Crowdus	75226	Bar	0	
Restaurant & Bar Monterrey	1611 Greenville Ave	75206	Rest	0	
Restaurant Mexico Lindo	7515 E Grand Ave	75214	Rest	0	
Restaurant Monterey	11255 Garland Rd Ste 1400	75218	Rest	0	
River Spice Greenville	5631 Alta Ave	75206	Bar	0	
Rock'y Place	11525 Jupiter Rd #107	75218	Rest	0	
Royal Thai Restaurant	5500 Greenville Ave Ste 608	75206	Rest	0	
S.P.J.S.T. Lodge Pokrok Dallas #84	2625 Floyd	75204	Club	0	
Sali's Dallas Private Club	10021 Garland Rd	75218	Club	0	
San Francisco Rose	3024 Greenville Ave	75206	Bar	0	
Santiago's Cantina Dallas	2911 Main St	75226	Rest	0	

Table A.1- continued

Save Way	1804 McMillan	75206	Gas	0	Beer & Wine
Savory	2015 Abrams	75214	Rest	0	
Scalini's Pizza & Pasta	2021 Abrams	75214	Rest	0	
Sense	3001 N Henderson	75206	Bar	0	
Seven	2505 Pacific Ave	75226	Bar	0	
Shade	2114 Greenville Ave	75206	Bar	0	
Sharks	2819-21 Main St	75226	Bar	0	
Ships	1613 Greenville Ave	75206	Rest	0	
Shop N Go Food Store	4900 Bryan St	75206	Gas	0	
Shuck N Jive	5315 Greenville Ave	75206	Bar	0	
Sigel's Liquor & Fine Wines	1905 Abrams Rd	75214	Liq St	0	
Simply Fondue Greenville Ave	2108 Greenville Ave	75206	Rest	0	
Slick Billiard Private Club Inc	2344 Oates Dr	75228	Club	0	
Snuffer's	3526 Greenville Ave	75206	Bar	0	

Table A.1 – continued

Sol's Nietro Mexican Grill	6434 E Mockingbird Ln #101	75214	Rest	0	
Sol's Taco Lounge & Tango Bar	2626 Commerce	75226	Bar	0	
Sons of Hermann	3412-14 Elm	75226	Club	0	
Spankees Neighborhood Bar	4908 Greenville	75206	Bar	0	
Speeds Billiards & Games	7818 Garland Rd	75218	Bar	0	
Spirits Liquor Company	2825 Canton St	75226	Liq St	0	
St Martins	3020 Greenville Ave	75206	Bar	0	
St Pete's Dancing Marlin	2730 Commerce	75226	Bar	0	
Stan's Blue Note	2908 Greenville	75206	Bar	0	
Starlight Lounge	4319 Main St	75226	Rest	0	
Suede Bar & Grill	2008 Greenville Ave	75206	Bar	0	
Sugar Shack	1909 Greenville Ave	75206	Bar	0	
Sully's Beverage	1617 N Haskell	75204	Gas	0	Beer & Wine
Super Mercado Mexican Market #4	5535 Columbia	75214	Gas	0	

Table A.1 – continued

Sweet Endings	2901 Elm	75226	Rest	0	
Synbar	2001 Greenville Ave	75206	Rest	0	
Szechan Pavilion Restaurant & Club	1152 N Buckner Blvd Ste 128	75218	Rest	0	
T & M Beer & Wine	106 S Fitzhugh Ave	75226	Liq St	0	
Taqueria Lupita	2107 N Henderson Ste A	75206	Rest	0	Beer, wine, liquor
Taqueria Pedrito's	4910 Capitol Ave	75206	Rest	0	
Tei Tei	2906 N Henderson	75206	Bar	0	
Teppo Yakitori Sushi Bar	2014 Greenville Ave	75206	Rest	0	
Terilli's	2815 Greenville	75206	Bar	0	
Tetco #637	4423 Live Oak	75204	Gas	0	beer & wine
Texaco	9791 Ferguson Rd	75228	Gas	0	
Texaco Foodland	2730 Samuell	75223	Gas	0	
Texadelphia	5500 Greenville Ave Ste 600	75206	Rest	0	
Texas Tea House	2612 Commerce	75226	Bar	0	

Table A.1 – continued

Thai Thai Restaurant	1731 Greenville Ave	75206	Rest	0	
The Alligator Café	4416 Live Oak St	75204	Rest	0	
The Balcony Club	1825 Abrams Ste B	75214	Club	0	
The Bay Leaf Restaurant & Bar	2820 Commerce	75226	Rest	0	
The Blarney Stone	2116 Greenville Ave	75206	Bar	0	
The Blue Fish	3519 Greenville	75206	Bar	0	
The Bone	2724 Elm St	75226	Bar	0	
The Cavern	1914 Greenville	75206	Bar	0	
The Dubliner	2818 Greenville Ave	75206	Bar	0	
The Grape	2808 Greenville Ave	75206	Bar	0	
The Green Room	2713-15 Elme St	75226	Bar	0	
The Home Bar	5627 Dyer St	75206	Bar	0	
The Noodles Kitchen	5321 E Mockingbird Ln Bldg 2 #210	75206	Rest	0	
The Old Crow	1911 Greenville Ave	75206	Bar	0	

Table A.1 – continued

The Pharmacy	2820 Elm St	75226	Bar	0	
The Secret Bar	2101 Greenville Ave	75206	Bar	0	
The Service Bar	1919 Greenville Ave	75206	Bar	0	
The Slip Inn	1806 McMillan	75206	Bar	0	
The Thin Room	2708 Elm St	75226	Bar	0	
The Tipperary Inn	5815 Live Oak Ste 102	75214	Bar	0	
The Velvet Hookah	2712 Main St	75226	Bar	0	
Texas Tea House	2612 Commerce	75226	Bar	0	
Thai Thai Restaurant	1731 Greenville Ave	75206	Rest	0	
The Alligator Café	4416 Live Oak St	75204	Rest	0	
The Balcony Club	1825 Abrams Ste B	75214	Club	0	
The Bay Leaf Restaurant & Bar	2820 Commerce	75226	Rest	0	
The Blarney Stone	2116 Greenville Ave	75206	Bar	0	
The Blue Fish	3519 Greenville	75206	Bar	0	

Table A.1 – continued

The Bone	2724 Elm St	75226	Bar	0	
The Cavern	1914 Greenville	75206	Bar	0	
The Dubliner	2818 Greenville Ave	75206	Bar	0	
The Grape	2808 Greenville Ave	75206	Bar	0	
The Green Room	2713-15 Elme St	75226	Bar	0	
The Home Bar	5627 Dyer St	75206	Bar	0	
The Noodles Kitchen	5321 E Mockingbird Ln Bldg 2 #210	75206	Rest	0	
The Old Crow	1911 Greenville Ave	75206	Bar	0	
The Wine Therapist	5815 Live Oak St Ste 103	75214	Rest	0	
Therapy Lounge	2826 Elm St	75226	Bar	0	
Tienda Chori's	4405 Ross Ave	75204	Rest	0	
Tiger Room	1919 Greenville Ave	75206	Bar	0	
Tobacco & Wine	4815 Columbia Ave 'A'	75226	Gas	0	
Tom Thumb #2534	6333 E Mockingbird Ste 301	75214	Gas	0	

Table A.1 – continued

Tom Thumb #2642	5809 E Lovers Ln	75206	Gas	0	
Tomcats	2914 Commerce	75226	Bar	0	
Trees	2709 Elm	75226	Bar	0	
Trinity Hall	5321 E Mockingbird	75206	Bar	0	
Tucker	3113 Ross Ave	75204	Bar	0	
Twenty Food Store	1914 Skillman	75206	Gas	0	
Two Pesos Private Club #3	12475 E NW Hwy	75228	Club	0	
Tworows Restaurant & Brewery/TR The	5500 Greenville Ave Ste 1300 & 1207	75206	Rest	0	
Undermaine Theater	3200 Main St Basement B0.1	75226	Rest	0	
University Shell	4747 Greenville Ave	75206	Gas	0	
Uropa	2600 Main St	75226	Bar	0	
Village Country Club	8308 Southwestern Blvd	75206	Bar	0	
Warbucks Inc	5601 Sears St	75206	Bar	0	
What ? Bar	2010 Greenville 'A'	75206	Bar	0	

Table A.1 – continued

Whiskey Bar	1930-28 Greenville Ave	75206	Bar	0	
White Rock Sports Bar & Grill	718 N Buckner #108	75218	Bar	0	
White Rock Yacht Club	7530 E Grand	75214	Club	0	Liquor Served
Wingstop	5334 Ross Ave #600	75206	Rest	0	
Wons Grocery Beer Wine & Food	1814 N Hall St	75204	Gas	0	
World Market	5500 Greenville Ave Ste 300	75206	Liq St	0	
World Service UK	1923 Greenville Ave	75206	Gas	0	
Yale Blvd Icehouse	5627 Yale Blvd	75206	Rest	0	
York St Restaurant	6047 Lewis	75206	Rest	0	
Z to A & Company Inc	5701 McCommas Ave	75206	Gas	0	
Zephyrs	5628-30 Sears St	75206	Bar	0	
Zu Bar	2012 Greenville Ave	75206	Bar	0	

APPENDIX B

DISTANCES & SCHOOLS

Table B.1 Distances & Schools

Name	Street Address	Zip Code	Distance (mi)
Dallas Theological Seminary	3909 Swiss Ave	75204	0.2
Middle College	3700 Ross Ave	75204	0.2
Rangel All Girls High School	3700 Ross Ave	75204	0.2
Anglican School of Theology	5100 Ross Ave	75206	0.2
Dallas Can Academy		75208	0.2
Texas Barber College	2406 Gus Thomasson	75228	0.2
Bishop Lynch High	9750 Ferguson Rd	75228	0.2
Charles A Gill Elementary	10910 Ferguson Rd	75228	0.2
John F Kennedy Learning Center	1803 Moser	75206	0.3
James B Bonham Elementary	2617 N Henderson Ave	75206	0.3
St Johns Episcopal School	848 Harter Rd	75218	0.3
Reinhardt Elementary	10122 Losa Dr	75218	0.3
Dan D Rogers Elementary	5314 Abrams Rd	75214	0.4
Juliette Fowler Homes	100 S Fulton	75214	0.4
Dallas Academy	950 Tiffany Way	75218	0.4
Criswell College	4010 Gaston Ave	75246	0.4
Ignacio Zaragoza Elementary	4550 Worth St	75246	0.4
J W Ray Elementary	2211 Caddo St	75204	0.5
Zion Lutheran School	6121 E Lovers Ln	75206	0.5
WM Limbscomb Elementary	5801 Worth St	75214	0.5
Victor Hextor Elementary	9720 Waterview Rd	75218	0.5
Baylor College of Dentistry	3302 Gaston Ave	75246	0.5
Happiness House Private School	2805 Peavy Rd	75228	0.6
Alex W Spence	4001 Capitol Ave	75204	0.7
Cesar Chavez Learning Center	1710 N Carroll	75204	0.7
Stonewall Jackson Elementary	5828 E Mockingbird Ln	75206	0.7
All Saint Episcopal School	3617 Abrams	75214	0.7
St Thomas Aquinas Catholic School	3741 Abrams	75214	0.7
Lakehill Preparatory	2720 Hillside Dr	75214	0.7
JL Long Middle	6116 Reiger Ave	75214	0.7
Woodrow Wilson High	100 S Glasgow Dr	75214	0.7
Alex Sanger Elem School	8410 San Leondro	75218	0.7

Table B.1 – continued

Mt Auburn Elementary	6012 E Grand Ave	75223	0.7
School of Nursing	3700 Worth St	75246	0.7
Robert E Lee Elementary	2911 Delmar Ave	75206	0.8
George W Truitt	1801 Gross Rd	75228	0.8
White Rock Montessori School	1601 Oates Dr	75228	0.8
Bryan Adams High	2101 Milmar Dr	75228	0.8
Edwin J Kiest Elementary	2611 Healey Dr	75228	0.8
St Pious X Catholic School	3030 Gus Thomasson Rd	75228	0.8
Casa View Elementary	2100 N Farola Dr	75228	0.8
SS Conner Elementary	3037 Greenmeadow Dr	75228	0.9
Elsie Shands Elementary	4836 Shands Dr	75150	1
Everest College	6060 N Central Expwy	75204	1
Peak Academy	4637 Live Oak	75204	1
Pleasantview Baptist School	6940 Fisher	75206	1
Lakewood Elementary	3000 Hillbrook St	75214	1
Amberton University	1700 Eastgate Dr	75216	1
Martha T Reilly Elementary	11230 Lippitt Ave	75218	1
Christian Stronghold Academy	7620 Ferguson Rd	75228	1
W H Gaston Middle School	9565 Mercer Dr	75228	1
Robert T Hill Middle School	505 Easton Rd	75218	1.5
Dallas Montessori Academy	5757 Samuell Blvd	75228	1.5
Joe Lawrence Elementary	3811 Richman Dr	75150	2
Motley Elementary	3719 Moon Dr	75150	2
Ed Vanston Middle School	3230 Karla Dr	75150	2
Eduardo Mata Elementary	7420 LaVista	75204	2
Eastlake Christian School	721 Easton Rd	75218	2
St Bernard of Clairvaux Catholic School	1420 Old Gate Ln	75218	2
Eastfield College	3737 Motley Dr	75228	2
J H Florence Elementary	4621 Glen Eagle	75150	3

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BIOGRAPHICAL INFORMATION

Madeline Reedy received a Bachelor of Science in Psychology degree from Texas Christian University in May 2000. She also minored in Criminal Justice and Business. Ms. Reedy graduated Magna Cum Laude with Honors. For her senior honors research project, *Forgiveness as related to adult attachment styles and psychosocial well-being in college students*, she studied forgiveness in relation to adult attachment styles and psychosocial well-being. At TCU, she was selected as the Senior Honors Scholar in Psychology and as one of eighty students to be honored with the Who's Who Among College Students.

Currently, she is receiving her Master of Arts in Urban Affairs from the University of Texas at Arlington. Ms. Reedy was selected as a University Scholar for her scholastic achievements. She is currently working with a program that assists teenagers who are transitioning out of foster care.