## **Volcano Heights Market Study**

### Prepared for the City of Albuquerque

By Gibbs Planning Group (GPG), subconsultant to Gateway Planning Group

#### **Table of Contents**

A – Retail Market Study B – Office Market Study

#### **DISCLAIMERS:**

- This market study was prepared for sector planning purposes ONLY and may not be used for development and/or any other purpose.
- The study focuses on 130+ acres within the Town Center of the July 2010 draft of the Volcano Heights Sector Development Plan.
- Findings were based on the 2010 version of the Volcano Heights Sector Development Plan prepared for the City of Albuquerque's Environmental Planning Commission and data available as of February 2011.

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## RETAIL MARKET ANALYSIS

## VOLCANO HEIGHTS ALBUQUERQUE, NEW MEXICO

Prepared For:

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# DRAFT



## **TABLE OF CONTENTS**

INTRODUCTION
Figure 1: Location Map of Volcano Heights Study Area
EXECUTIVE SUMMARY
Table 1: Supportable Retail Development
Figure 2: Primary Trade Area Map
Background
Figure 3: Volcano Mesa Area: Volcano Heights, Volcano Trails, Volcano Cliffs
Methodology
Limits of Study
Figure 4: Map of Trade Areas
Trade Area
Table 2: Demographic Comparisons
Tapestry Lifestyles
Table 3: Tapestry Lifestyles
Tapestry Lifestyles Segmentation1
Figure 5: Top Ten Tapestry Lifestyle Segments1
Table 4: Supportable Retail 2010, 2014, & 2018
SUMMARY OF FINDINGS1
Supportable 2010 Retail and Potential Tenants
Rationale1
APPENDIX
Exhibit A: Supportable Retail Table 2010 & 20141
Exhibit A: Supportable Retail Table 2010 & 20182
Primary Trade Area Map2
Secondary Trade Area Map2
Business-Facts: Workplace and Employment Summary2
Market Profile Table
Primary Tapestry Lifestyle Table
Tapestry Lifestyles: Up and Coming Families
Tapestry Lifestyles: Sophisticated Squires



Tapestry Lifestyles: Cozy and Comfortable	37
Tapestry Lifestyles: Enterprising Professionals	38
Tapestry Lifestyles: In Style	39
Tapestry Lifestyles: Boomburbs	40
Tapestry Lifestyles: Crossroads	41
Tapestry Lifestyles: Milk and Cookies	42
Tapestry Lifestyles: Exurbanites	43
Tapestry Lifestyles: Young and Restless	44



#### INTRODUCTION

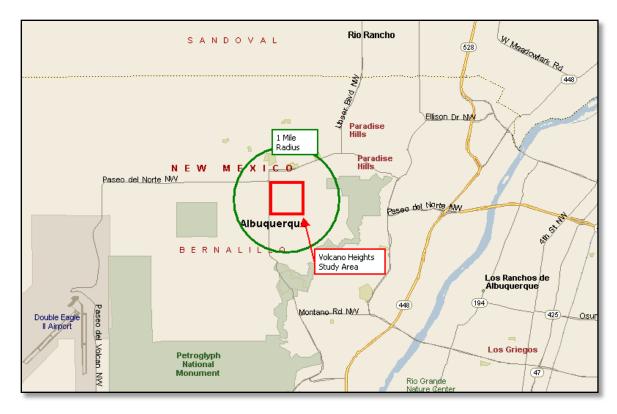


Figure 1: The Volcano Heights Town Center study area lies eight miles northwest of the Albuquerque Central Business District.

#### **Executive Summary**

This study is based on approximately 130 acres proposed for commercial activity within the 'Town Center' Zone of the 2010 Volcano Heights Sector Development Plan. This study finds that the Volcano Heights study area can presently support an additional 294,000 square feet of retail and restaurant development, generating over \$70.1 million in new sales. The full build-out potential is an additional \$130 million of retail. Future residential growth planned for Albuquerque's Volcano Mesa Area and the Rio Rancho community will statistically support a total of 395,000 square feet of restaurant and retail development in 2014 and 491,000 square feet in 2018. Captured annual sales in 2014 are estimated to be \$103 million and \$139 million in 2018.

With full build-out, the additional segments of the 570-acre Volcano Heights area could conceivably add two 2,000 square foot corner stores; three 10,000 square foot convenience centers (with no anchor); one 100,000 square foot neighborhood center anchored with a 50,000 square foot supermarket and 60,000 square feet of free standing or small shopping centers.



The Volcano Heights Sector (570 acres) is one of three components in the 3,555 acre Volcano Mesa Area. The Town Center contains the highest commercial and residential densities allowable in the Sector Plan. At complete build-out, the Volcano Mesa Area will have up to 30,000 residents, approximately the same amount of residents allowed under the existing RD zoning, but configured more densely surrounding major roadways in order to support and accommodate a significant increase in commercial and mixed-use development. Commercial development is expected surrounding the intersection of Paseo del Norte and Unser Boulevard.

**Table 1: Supportable Retail Development** 

	2010	2014	2018
Retail Category	Supportable Retail	Supportable Retail	Supportable Retail
Total Apparel, Shoes & Accessories	12,500 sf	15,900 sf	19,200 sf
Total Electronics, Appliances, & Computers	16,700 sf	21,200 sf	25,700 sf
Total Food & Restaurant	21,200 sf	29,100 sf	36,700 sf
Total Food & Beverage Stores	57,400 sf	81,700 sf	104,200 sf
Total General Merchandise Retail	121,700 sf	161,300 sf	199,500 sf
Total Hardware, Lawn & Garden Retail	26,800 sf	33,600 sf	40,300 sf
Total Health Care & Personal Services	11,700 sf	17,900 sf	23,600 sf
Total Home Furnishings Retail	12,300 sf	15,500 sf	18,800 sf
Total Jewelry, Luggage, and Leather Goods Stores	0 sf	600 sf	700 sf
Sporting Goods, Hobby, Books, Music Stores	3,900 sf	5,600 sf	7,300 sf
Total Miscellaneous Retailers	9,700 sf	12,300 sf	15,100 sf
	293,900 sf	394,700 sf	491,100 sf

Table 1: Supportable retail development by retail category.

See Table 4 for a detailed breakdown of the study area's supportable retail categories and sales potentials.

This study further finds that the Volcano Heights study area has a primary trade area population of 58,400 persons, increasing to 78,500 persons by 2014. This 21,100 persons projected growth is generated from a combination of proposed build out of the Volcano Heights Sector Area (13,200 persons), and growth (2.65 percent annually) from areas outside Volcano Heights, but contained in the primary trade area. Average household income in the primary trade area is \$79,400, greater than both the City and State averages. The per capita income (\$29,200) is also larger than the City and State levels. The primary trade area currently has a weak labor base of 7,300 employees, although 72 percent of the population holds white collar positions.

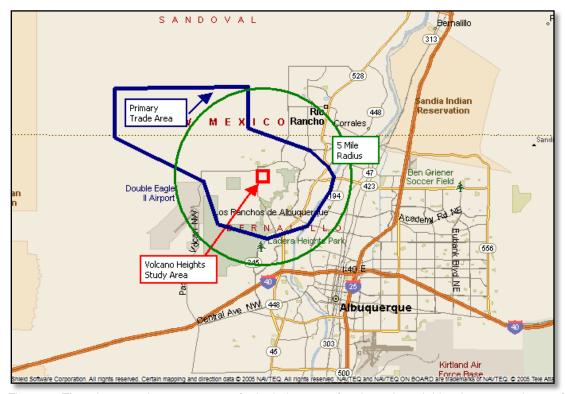


Figure 2: The primary trade area accounts for both the tenant/product mix and drive time convenience of surrounding retail concentrations.

#### **Background**

Gibbs Planning Group Inc. has been retained by the City of Albuquerque to analyze the amount of retail feasible for a 130-acre study area proposed within the commercial Town Center zone in Volcano Heights. The study area is located approximately 8 miles northwest of the Albuquerque Central Business District, along the northern edge of the City of Albuquerque. The Rio Rancho community lies to the immediate north. The southern boundary of the study area is Paseo del Norte, and the western edge is Universe Boulevard. The population of the primary study area is concentrated in the northern portion, along Irving Boulevard and Encino Road. The regions of largest potential growth are found in the components of the Volcano Mesa Area, and the development of the Quail Ranch community in Rio Rancho.



The study addresses the following issues:

- What is the existing and planned retail market in the Volcano Heights study area and trade areas?
- What primary and secondary trade areas are served by the study area?
- What are the population, demographic and lifestyle characteristics in the trade areas, currently and projected for 2014 and 2018, including the impact of the denser Volcano Heights Sector Plan area?
- What is the current and projected growth for retail expenditures, now and in 2014 and 2018?
- How much additional retail square footage is supportable in the Volcano Heights study area, and what retail uses should be encouraged? What sales volumes can be achieved by new development in or near the study area?

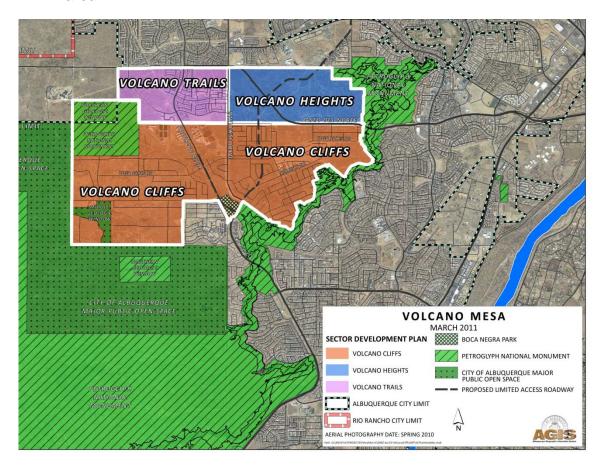


Figure 3: The Volcano Mesa Area consists of the Volcano Heights, Volcano Trails, and Volcano Cliffs components.



#### Methodology

To address the above issues, GPG used its familiarity with the region, gained from past retail studies, along with a detailed examination of the Volcano Mesa Area and demographic information to determine current and future consumer shopping patterns. GPG then defined a trade area that would serve the study area based on geographical and topographical considerations, traffic access/flow in the area, relative retail strengths and weakness of the competition, concentrations of daytime employment, and the retail gravitation in the market, as well as our experience defining trade areas for similar markets. Population, consumer expenditure and demographic characteristics of trade area residents were collected by census tracts from the US Bureau of the Census, US Bureau of Labor Statistics, InfoUSA, ESRI, CCIM, STDB, Claritas, and COSTAR, and updated based on information gathered from local planning sources.

Finally, based on the projected consumer expenditure capture (demand) in the Volcano Heights study area of the gross consumer expenditure by retail category less the current existing retail sales (supply) by retail category, GPG projects the potential net consumer expenditure (gap) available to support new development. The projected net consumer expenditure capture is based on household expenditure and demographic characteristics of the primary and secondary trade areas, existing and known planned retail competition, traffic and retail gravitational patterns, and GPG's qualitative assessment of the Volcano Heights study area. Net potential captured consumer expenditure (gap) is equated to potential retail development square footage with the help of retail sales per square foot data provided by Dollars and Cents of Shopping Centers (Urban Land Institute and International Council of Shopping Centers), qualitatively adjusted to fit the urbanism of Volcano Heights.

For the purposes of this study GPG has assumed the following:

- Other major community retail centers may be planned or proposed, but only the existing retail is considered at this time. The quality of the existing retail trade in the study area is projected to remain constant. Gains in future average retail sales per square foot reflect higher sales per square foot in the newly developed retail and selected projected increases in sales per square foot by individual retail categories.
- No other major regional retail centers are to be developed within the trade area of this study through 2018.
- The Volcano Heights study area has proper zoning to support the needs
  of the wide variety of retail businesses which will be located in the Major
  Activity Center, including innovative set back requirements, allowing drive
  thru business in dense commercial areas, allowance of outdoor storage
  where necessary, and flexibility to meet the needs of new and cutting
  edge retailers.

- Annual population growth for the Volcano Heights study area is estimated to be 7.69 percent through 2018. This aggressive growth is based on an annual capture of 60 percent of the annual Albuquerque population growth, plus growth of the Rio Rancho Quail Ranch development.
- Employment distribution is considered to remain constant, without a spike or decline in employment by NAICS categories.
- The projected lease and vacancy rates model is based on our proprietary econometric model of the relationship between changes in employment and changes in vacancy and lease rates. Data was gathered from the US Census Bureau, Experian, ESRI, COSTAR Group, Inc., LOOPNET, and local brokerage services.
- The region's economy will continue at normal or above normal ranges of employment, inflation, retail demand and growth.
- Any new construction in Volcano Heights will be planned, designed, built and managed to the best practices of The American Planning Association, The Congress for the New Urbanism, The International Council of Shopping Centers and The Urban Land Institute.
- Parking for new projects will meet or exceed the minimum requirements of the City, with easy access to the retailers in the development via on street, surface lots, or deck parking.
- Visibility of any new retail is also assumed to be very good, with signage as required to assure easy visibility of the retailers.
- New commercial projects in the study area will open with sustainable amounts of retail and anchor tenants, at planned intervals and per industry standards.

#### Limits of Study

The findings of this study represent Gibbs Planning Group's best estimates for the amounts and types of retail projects that should be supportable in the study area. Every reasonable effort has been made to ensure that the data contained in this study reflect the most accurate and timely information possible and are believed to be reliable. This study relies on estimates, assumptions, and other information developed by Gibbs Planning Group's independent research effort, general knowledge of the industry, and consultations with the client and its representatives.

No responsibility is assumed for inaccuracies in reporting by the client, its agent and representatives or in any other data source used in preparing or presenting



this study. This report is based on information that was current as of February 10<sup>th</sup>, 2011, and Gibbs Planning Group has not undertaken any update of its research effort since such date.

This report may contain prospective financial information, estimates, or opinions that represent Gibbs Planning Group's view of reasonable expectations at a particular time, but such information, estimates, or opinions are not offered as predictions or assurances that a particular level of income or profit will be achieved, that particular events will occur, or that a particular price will be offered or accepted.

Actual results achieved during the period covered by our prospective financial analysis may vary from those described in our report, and the variations may be material. Therefore, no warranty or representation is made by Gibbs Planning Group that any of the projected values or results contained in this study will be achieved.

This study **should not** be the sole basis for programming, planning, designing, financing or development of any commercial center. This study is intended for the use of the City of Albuquerque, for general planning purposes only and is void for other site locations or developers.

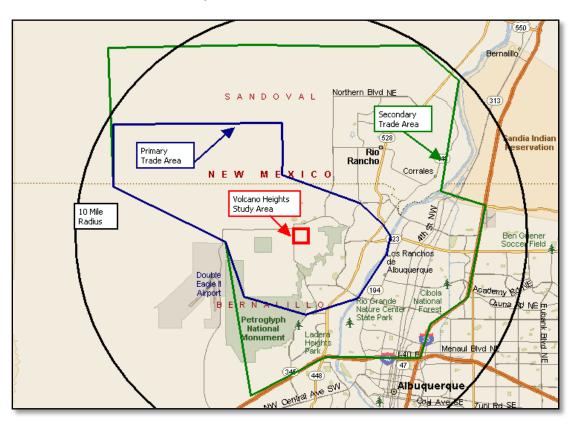


Figure 4: The Volcano Heights primary trade area is shown above inside the blue line, and the secondary trade area is delineated by the green line.



#### **Trade Area**

Based on Gibbs Planning Group's field evaluation, the existing retail hubs, population clusters, highway access, and the retail gravitation in the market, as well as our experience defining trade areas for similar communities throughout the United States, Gibbs Planning Group determined that retail in the Volcano Heights study area can be developed as any of the following models: street level quasi-urban retail, with up to 8 stories of residential development above, or as a lifestyle center catering to the surrounding walkable neighborhoods and the suburban auto-based consumer, or three traditional neighborhood centers (one larger grocery anchored, two retail unanchored), or a community scale retail center anchored by multiple Department/Discount Department stores. This potential will continue to grow over the next seven years, sustained by an annual population growth rate of 7.69 percent. Convenient linkages to the other Volcano Mesa developments, as well as the Rio Rancho developments, are necessary to overcome the strong pull of the Cottonwood Regional Retail cluster.

The primary trade area is the consumer market where the Volcano Heights study area has a significant competitive advantage because of access, design, lack of competition, and traffic and commute patterns. This competitive advantage equates to a potential domination of the capture of consumer expenditure by the retailers in the study area. The secondary trade area is the consumer market which provides some capture of consumer expenditure, but the study area does not hold the position of supremacy in this market as it does in the primary trade area. The primary trade area of the Volcano Heights sector will continue to expand westward as residential growth continues to expand on the Volcano Mesa and the Quail Ranch project of Rio Rancho.

Gibbs Planning Group defined a primary trade area by topography, vehicular access and residential growth patterns, which will account for 70 percent to 80 percent of the total sales of the retailers in the Volcano Heights study area. The primary trade area boundaries were also adjusted due to the strong gravitational pull of the Cottonwood Regional Retail cluster, limited access across the Rio Grande, the Petroglyph National Monument as well as competing shopping destinations along Coors Boulevard.

The primary trade area is approximately delineated by the following borders:

- The Rio Grande to the east.
- The Petroglyph National Monument to the south.
- The northern boundary is constrained by a 10 minute drive time because of the strong retail collection of the Cottonwood Regional Mall.
- The northwest boundary is defined by a 25 minute drive time, due to a void of competition.
- Western edge of the primary trade area stretches across undeveloped land north of the Double Eagle II Airport.



**Table 2: Demographic Comparisons** 

Characteristics	Primary Trade Area	New Mexico	U.S.
2010 Population	58,382	2,080,039	311,212,863
2014 Population	78,528	2,210,786	323,209,391
2010-2014 Projected Annual Growth Rate	7.69%	1.23%	0.76%
Persons Per Household 2010	2.65	2.59	2.59
2010 Median Household Income	\$72,132	\$44,427	\$54,442
2010 Per Capita Income	\$29,176	\$21,972	\$26,739
% Households w. incomes \$75,000 or higher	47.6%	24.2%	32.9%
% White	70.1%	64.3%	71.9%
% Hispanic	40.7%	45.3%	16.2%
Median Age	34.4	35.7	37.0
% White-Collar Employed	72.3%	60.4%	61.6%

Table 2: This side by side table compares and contrasts primary trade area demographic statistics with those of New Mexico and the United States.

#### **Tapestry Lifestyles**

ESRI has developed Tapestry Lifestyles, which is an attempt to create 65 classifications, or lifestyle segments, that help determine purchasing patterns. These segments are broken down to the U.S. Census Block Group level throughout the United States and are used by many national retailers to help determine future potential locations.

**Table 3: Tapestry Lifestyles** 

Lifestyle	Trade Area Statistics	Short Description
	Population 20,375 Median HH Income	Family and home dictate the products these residents buy. Many are beginning or expanding their families, so baby equipment, children's clothing, and toys are essential purchases. Because many are first-time homeowners, basic household furniture and lawn
Up and Coming Families	\$78,189  34.9% Volcano Heights Study Area Market Share	fertilizer, weed control, and insecticide products are important. Car loans and mortgage payments are major household budget items. They are most likely to own or lease an SUV or a Minivan. They eat out at family restaurants, especially on the weekends, and buy fast food at the drive-through or for takeout.
	3.5% National Market Share	They play softball, take the kids to the zoo, and visit theme parks (generally Sea World or Disney World) where they make good use of their digital camera or camcorder. They rent comedy, family, and action/adventure DVDs. Cable station favorites include Country Music Channel, ESPN news, The Learning Channel, and the Disney Channel. They listen to country, soft rock, and contemporary hit radio.



Lifestyle	Trade Area Statistics	Short Description
Sophisticated Squires	Population 7,298  Median HH Income \$86,075  12.5% Volcano Heights Study Area Market Share  2.7% National Market Share	Do-it-yourselfers, Sophisticated Squires residents take care of their lawns and landscaping; home improvements; and remodeling projects such as bathroom remodeling, installing new light fixtures, painting home interiors, staining decks, and cleaning carpets with their steam cleaners. They like to barbecue on their gas grills and make bread with their bread making machines. Many households own a motorcycle. A typical household will own three or more cell phones. Looking toward the future, many residents own stocks, bonds, and large life insurance policies. When dieting, they go on Weight Watchers; many own a treadmill or stationary bike to stay fit.  They go power boating, play board and word games, do woodworking projects, and attend football and baseball games. Adults also take photos, play golf, and ride their motorcycles. Children play games on the home personal computer and typically own a video game system. Residents listen to soft adult contemporary music; classic hits; news; all-talk; and sports radio, including broadcasts of professional games. Although many households have four or more TVs, residents watch as much television as typical U.S. households. Favorite programs include news, comedies, dramas, and programs on Home & Garden Television.
Cozy and Comfortable	Population 7,123  Median HH Income \$66,327  12.2% Volcano Heights Study Area Market Share  3.5% National Market Share	Cozy and Comfortable residents prefer to own certificates of deposit and consult a financial planner. They typically hold a second mortgage, a new car loan, a home equity line of credit, and a universal life insurance policy. Home improvement and remodeling projects are important to them. Although they will contract for some work, they attempt many projects, especially painting and lawn care. Depending on the season, they play golf or ice skate for exercise. They attend ice hockey games, watch science fiction movies on DVD, and take domestic vacations. They eat at family restaurants such as Friendly's, Bob Evans Farms, and Big Boy.  Going online isn't a priority, so they own older home computers. Television is very important; many households own four or more sets so they won't miss any of their favorite shows. They watch sports particularly football, and news programs. Reading the Sunday newspaper is part of the routine for many.



Lifestyle	Trade Area Statistics	Short Description
Enterprising Professionals	Population 6,130 Median HH Income \$70,207 10.5% Volcano Heights Study Area Market Share 1.7% National Market Share	They are young and mobile with growing consumer clout. Those who rent hold renter's insurance policies. They rely on cell phones and e-mail to stay in touch. They go online to download videos and music, track their investments, and shop for items, including personal computers and software. They own laptops, video game systems, and digital camcorders.  They love to travel abroad and in the U.S. often. They play video games, visit theme parks, jog, and swim. They read computer, science, and technology magazines and listen to alternative, public-all-talk, and sports radio. They eat out at Cheesecake Factory and Chili's Grill and Bar. They shop for groceries at stores such as Publix and Albertson's.
In Style	Population 5,897  Median HH Income \$71,177  10.1% Volcano Heights Study Area Market Share  2.5% Nation Market Share	Computer savvy In Style residents go online daily to research real estate information; do their banking; track investments; trade stocks; book travel; and buy computer hardware or software, concert tickets, or tickets to sporting events. They use a financial planner and invest in stocks, bonds, money market funds, money market bank accounts, and securities. Looking toward the future, residents hold life insurance policies and contribute to IRA and 401(k) retirement accounts. To maintain their homes, they hire professional household cleaning services and contractors to remodel their kitchens.  Residents stay fit by exercising, eating a healthy die to control their weight, buying low-fat foods, and taking vitamins. They attend live musical performances and gamble at casinos. They take domestic vacations to hike, golf, and go backpacking. They read magazines, listen to newstalk radio, and watch professional sports events and golf on TV.

Table 3: The top five Tapestry Lifestyle groups are shown above, portraying a cluster of young families with children in the primary trade area.

The most common tapestry lifestyle group is the "*Up and Coming Families*" group, representing 34.9 percent of all households in the primary trade area. In the suburban outskirts of midsized metropolitan areas with populations higher than 250,000, approximately half of Up and Coming Families neighborhoods are concentrated in the South, the other half in the West and Midwest. Most residents live in new single-family housing; more than half the housing units were built in the last 10 years. Homeownership is at 83 percent. The median home value is \$182,628.



#### **Tapestry Lifestyles Segmentation**

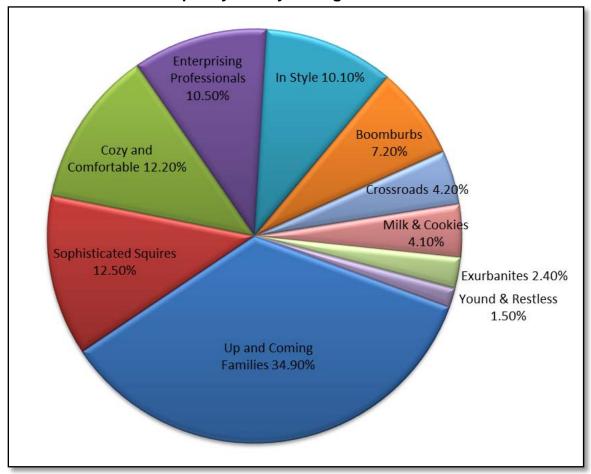


Figure 5: This pie chart shows the relative proportions of the top ten Tapestry Lifestyle segments found in the Volcano Heights primary trade area.

With an annual household growth rate of 5.2 percent, Up and Coming Families represents the Tapestry's second highest household growth market. A mix of Generation X'ers and Baby Boomers with a median age of 31.9 years, this segment is the youngest of Tapestry's affluent family markets. Residents of these neighborhoods are young, affluent families with younger children. Eighty percent of the households are families. Most of the residents are white; however, diversity is increasing as the segment grows.

Beginning their careers, residents of Up and Coming Families are earning above-average incomes. The median household income is \$78,189, higher than the national median. The median net worth is \$194,046. Nearly two-thirds of the residents aged 25 years and older have attended college; more than one in five holds a bachelor's degree. Labor force participation is well above average at 71 percent; unemployment is low. Ninety-one percent of households earn income from wages and salaries. Although half of the households have children, they also have working parents.



Table 4: Supportable Retail 2010, 2014, & 2018

	2010			2014			2018		
Retail Category	Supportable	Captured	Sales	Supportable	Captured	Sales	Supportable	Captured	Sales
	Retail (SF)	Annual Sales	Per S/F	Retail (SF)	Annual Sales	Per S/F	Retail (SF)	Annual Sales	Per S/F
Women's Apparel	2,800	\$680,000	\$243	3,500	\$948,000	\$271	4,300	\$1,298,000	\$302
Men's Apparel	2,700	\$596,000	\$221	3,400	\$839,000	\$247	4,100	\$1,135,000	\$277
Children's Apparel	3,400	\$751,000	\$221	4,300	\$1,049,000	\$244	5,100	\$1,371,000	\$269
Unisex Apparel	2,100	\$388,000	\$185	2,700	\$545,000	\$202	3,200	\$707,000	\$221
Shoe Store	1,500	\$265,000	\$177	2,000	\$388,000	\$194	2,500	\$532,000	\$213
Total Apparel, Shoes & Accessories	12,500 sf	\$2,680,000	\$209	15,900 sf	\$3,769,000	\$232	19,200 sf	\$5,043,000	\$256
Computers and Software	2,000	\$1,120,000	\$560	2,600	\$1,531,000	\$589	3,100	\$1,918,000	\$619
General Electronics	5,800	\$1,786,000	\$308	7,300	\$2,460,000	\$337	8,900	\$3,275,000	\$368
Appliances	8,900	\$1,272,000	\$143	11,300	\$1,785,000	\$158	13,700	\$2,383,000	\$174
Total Electronics, Appliances, & Computers	16,700 sf	\$4,178,000	\$337	21,200 sf	\$5,776,000	\$361	25,700 sf	\$7,576,000	\$387
Full Service Restaurant	8,000	\$2,816,000	\$352	10,600	\$4,250,000	\$401	13,200	\$6,019,000	\$456
Limited Service Restaurant	11,500	\$3,254,000	\$283	16,400	\$5,100,000	\$311	21,000	\$7,161,000	\$341
Drinking Places	1,700	\$615,000	\$362	2,100	\$854,000	\$407	2,500	\$1,147,000	\$459
Total Food & Restaurant	21,200 sf	\$6,685,000	\$332	29,100 sf	\$10,204,000	\$373	36,700 sf	\$14,327,000	\$419
Grocery Store	56,300	\$17,453,000	\$310	79,600	\$26,426,000	\$332	101,600	\$36,169,000	\$356
Specialty Food Store	1,100	\$396,000	\$360	1,500	\$595,000	\$397	1,900	\$834,000	\$439
Beer, Wine and Liquor Store	0	, , , , , , ,		600	\$231,000	\$385	700	\$301,000	\$430
Total Food & Beverage Stores	57,400 sf	\$17,849,000	\$335	81,700 sf	\$27,252,000	\$371	104,200 sf	\$37,304,000	\$408
Department Store	21.100	\$4,810,000	\$228	28,000	\$6,832,000	\$244	34,700	\$9,091,000	\$262
Discount Department Store	31,400	\$6,499,000	\$207	41,800	\$9,279,000	\$222	51,700	\$12,304,000	\$238
Warehouse Club	11,100	\$3,096,000	\$279	14,700	\$4,395,000	\$299	18,200	\$5,842,000	\$321
Used Merchandise Store	58,100	\$8,366,000	\$144	76,800	\$11,596,000	\$151	94,900	\$15,089,000	\$159
Total General					. , , ,			, , ,	
Merchandise Stores	121,700 sf	\$22,771,000	\$215	161,300 sf	\$32,102,000	\$229	199,500 sf	\$42,326,000	\$245
Building Materials & Supplies	24,800	\$5,778,000	\$233	31,100	\$8,054,000	\$259	37,300	\$10,705,000	\$287
Law n, Garden Equip, Supply	2,000	\$442,000	\$221	2,500	\$612,000	\$245	3,000	\$816,000	\$272
Total Hardware, Lawn & Garden Store	26,800 sf	\$6,220,000	\$227	33,600 sf	\$8,666,000	\$252	40,300 sf	\$11,521,000	\$280
Drug Store/Pharmaceutical	5,900	\$2,879,000	\$488	9,000	\$4,896,000	\$544	11,900	\$7,211,000	\$606
Health and Beauty Store	800	\$197,000	\$246	1,200	\$318,000	\$265	1,600	\$454,000	\$284
Optical/Vision Care	1,800	\$496,000	\$276	2,800	\$887,000	\$317	3,700	\$1,343,000	\$363
Personal Services	3,200	\$899,000	\$281	4,900	\$1,504,000	\$307	6,400	\$2,150,000	\$336
Total Health Care & Personal Services	11,700 sf	\$4,471,000	\$323	17,900 sf	\$7,605,000	\$358	23,600 sf	\$11,158,000	\$397
Furniture Store	4,300	\$1,229,000	\$286	5,500	\$1,688,000	\$307	6,700	\$2,204,000	\$329
Home Furnishings	8,000	\$1,520,000	\$190	10,000	\$2,080,000	\$208	12,100	\$2,746,000	\$227
Total Home Furnishings Store	12,300 sf	\$2,749,000	\$238	15,500 sf	\$3,768,000	\$258	18,800 sf	\$4,950,000	\$278
	0			600	£222.000	¢207	700	\$200,000	£400
Jew erly Store Luggage & Leather Store	0			600	\$232,000	\$387	700 0	\$296,000	\$423
Total Jewelry, Luggage, and Leather Goods	0 sf	\$0		600 sf	\$232,000	\$387	700 sf	\$296,000	\$423
Art, Craft and Sewing Stores	1,300	\$260,000	\$200	1,700	\$363,000	\$214	2,100	\$483,000	\$230
Musical Instrument Store	0	+=00,000	7200	0	+300,000	+,	0	Ţ.00,000	<del></del>
Book & Music Stores	2,600	\$377,000	\$145	3,900	\$616,000	\$158	5,200	\$899,000	\$173
Sporting Good Store	0			0			0		
Toy and Hobby Store	0			0			0		
Sporting Goods, Hobby, Books, Music Stores	3,900 sf	\$637,000	\$173	5,600 sf	\$979,000	\$186	7,300 sf	\$1,382,000	\$202
Card/Gift Shop	1,700	\$234,000	\$138	2,100	\$319,000	\$152	2,600	\$436,000	\$168
Florists	1,900	\$391,000	\$206	2,300	\$522,000	\$227	2,800	\$702,000	\$251
Office Supplies, Stationary	2,100	\$464,000	\$221	2,700	\$658,000	\$244	3,300	\$887,000	\$269
Pet Supply Store	2,200	\$418,000	\$190	2,800	\$588,000	\$210	3,500	\$808,000	\$231
Tobacco Shop	900	\$292,000	\$324	1,200	\$439,000	\$366	1,400	\$576,000	\$411
Video/Entertainment	900	\$126,000	\$140	1,200	\$177,000	\$148	1,500	\$234,000	\$156
Total Miscellaneous Retailers	9,700 sf	\$1,925,000	\$203	12,300 sf	\$2,703,000	\$225	15,100 sf	\$3,643,000	\$248
Total Identified Retail Expenditure	293,900 sf	\$70,165,000	\$259	394,700 sf	\$103,056,000	\$294	491,100 sf	\$139,526,000	\$322

Table 4: Sales stated in constant 2010 dollars - No adjustment has been made for potential inflation.



#### **SUMMARY OF FINDINGS**

This study finds that up to 293,900 square feet of additional retail space is presently supportable at the Volcano Heights study area. This new retail can potentially capture an additional \$70.1 million of expenditure in 2010, growing to \$103 million by 2014. The full build-out potential of the 130-acre focus Major Activity Center site is an additional \$130 million of retail.

With full build-out, the additional segments of the 570-acre Volcano Heights area could conceivably add two 2,000 square foot corner stores; three 10,000 square foot convenience centers (with no anchor); one 100,000 square foot neighborhood center anchored with a 50,000 square foot supermarket and 60,000 square feet of free standing or small shopping centers.

The demographics of the primary trade area show a population base of 58,400, which is projected to grow to 78,500 by 2014, and annual growth rate of 7.69 percent. 47.2 percent hold some level of a college degree. The persons-perhousehold is reported as 2.65, and median age is a young 34.4 years old.

Most of the employed population (72.3 percent) holds white-collar jobs. Professional (30.0 percent) and Management/Business/Financial (15.6 percent), and Administrative Support (14.3 percent) positions make up most of these white collar occupations.

Household incomes in this sector of Albuquerque are greater than the State and National averages, being reported as \$79,400. The per-capita income (\$29,200) is also higher than the State and National levels. Current employment in the Volcano Heights primary trade area favors the Retail Trades (35.3 percent, General Services (17.5 percent), and Educational Institutions (14.8 percent). The Manufacturing (0.7 percent), Government (0.6 percent), and Construction (4.9 percent) labor segments a disproportionately under represented.

Tapestry lifestyles in the market reflect a majority base of "Up and Coming Families" households. Family and home dictate the products these residents buy. Many are beginning or expanding their families, so baby equipment, children's clothing, and toys are essential purchases. Because many are first-time homeowners, basic household furniture and lawn fertilizer, weed control, and insecticide products are important. Car loans and mortgage payments are major household budget items. They are most likely to own or lease an SUV or a Minivan. They eat out at family restaurants, especially on the weekends, and buy fast food at the drive-through or for takeout.



#### Supportable 2010 Retail and Potential Tenants

- 121,700 square feet General Merchandise Stores: Used Merchandise retail, like Salvation Army or Goodwill, are somewhat dominant in this category at 58,100 square feet. Discount Department Stores make up 31,400 square feet of the new growth in this category. Department Stores and Warehouse Clubs fill the rest of this group with 28,000 and 14,700 square feet supportable, respectively. Beall's Outlet Stores or a Beall's/Stage Department store has not made it to the Albuquerque market yet, but currently have five locations in the state of New Mexico. Other potential retailers include: Sear's, Bed Bath & Beyond, Kohl's, JC Penney, or the Stage Stores, Inc.
- 57,400 square feet of Food and Beverage Stores: All of this supportable square footage can be concentrated into a traditional chain grocery, or split into four to six markets.
- 26,800 square feet of Hardware, Lawn and Garden Stores: Most of this potential is found in Building Materials and Supplies retail. Feasible tenants are: Do it Best Corp, True Value Co., Ace Hardware Corporation, or California Closets. Building Materials/Supplies companies often need outdoor storage, so allowing it in the zoning would be required.
- 21,200 square feet of Food & Restaurant: Approximately half of this class is found in the Limited Service Restaurant (without alcohol) group. Potential tenants looking in the New Mexico market are: Arby's, Buffalo Wild Wing, Inc., Dos Hermanos, the Original SoupMan, Romano's Macaroni Grill Inc., Jimmy John's Franchise, Inc., and Tim Horton's Inc. The balance of this category could consist of two medium or one large sized full service restaurants, and a locally operated tavern/bar.
- 16,700 square feet of Electronics, Appliances, & Computer retail:
   Over half of the supportable retail square footage in this category is
   found in the Appliance Retail. Possible retailers include: SAS
   Appliance, Ultimate Electronics, Aaron's Inc., Radio Shack Corp., or
   The Kitchen Collection.
- 12,500 square feet of Apparel, Shoes and Accessories: All subgroups of this broad NAICS type are in demand, women's, men's, children's, and unisex apparel, as well as a shoe store. Potential retailers include: Bon Worth Factory Outlets, Dress Barn, Casual Male, Haggar Clothing, totes Isotoner Corporation, Red Wing Shoe co., Life Uniform, the Mens's Wearhouse, Naturalizer Retail, Anchor Blue Retail Group, or Foot Solutions, Inc.

- 12,300 square feet of Home Furnishings: Two thirds of the Home Furnishings retail should be in the home furnishings niche. Retailers include The Mattress Firm Inc., Kirkland's Inc., Relax the Back Corporation, 3 Day Blinds, Inc., Cort Business Services, and LoveSac Alternative Furniture Co.
- 11,700 square feet of Health Care & Personal Services: Drug Stores make up half of this class of retail potential. Possible retailers include: CVS, Walgreens, Medicap Pharmacies, Inc., Emerging Vision, Inc., Medicine Shoppe International, Inc., Pharmaca Integrative Pharmacy, Inc., Eye Care Centers of America, Sally Beauty Holdings, Inc., Aveda Corporation, or Crabtree & Evelyn, Ltd.
- 9,700 square feet of Miscellaneous Retail: Miscellaneous retail
  includes office supplies, gift shops, pet supply, florists, and tobacco
  supplies. Suggested retailers are: Hallmark Gold Crown Stores,
  Petland, Inc., The Cigarette Store Corp., Smoker Friendly Interational,
  Wild Birds Unlimited, Flowerama of America, and Party Land, Inc. The
  small users proposed in this category would fit easily into existing retail
  development.
- 3,900 square feet of Sporting Goods, Hobby, Books, and Music Stores: This retail group is lead by the Book & Music subcategory. Prospective retailers include: Books-a-Million, Berean Christian Stores, The Book Rack, Jo-Ann Stores, Inc., Learning Express, Westcroft Beadworks, Inc., Hancock Fabrics, Inc., or Logos Bookstores, Inc.

A detailed examination of the supportable square footage of retail uses is found in Table 4.

#### Rationale

The rationale for the findings in this study follows:

- Strong demographic growth: Supported by the regions strongest average and median household incomes, the annual growth rate of 7.69 percent equates to 5,300 new households during the first four year period and over 10,500 new household by 2018.
- Lack of competing retail in the new development area: The Volcano Heights Sector is the focus of commercial activity in the Volcano Mesa Area. The Volcano Cliffs portion of the area consists of over half of the total acreage. It is primarily detached housing with limited neighborhood scale commercial development. The Volcano Trails section is smaller than the Volcano Heights portion, and is planned to have mixed residential products and densities.

Development Options: GPG determined that retail in the Volcano Heights study area can be developed as any of the following models: street level quasi-urban retail, with up to eight stories of residential development above, or as a lifestyle center catering to the surrounding walkable neighborhoods and the suburban auto-based consumer, or three traditional neighborhood centers (one larger grocery anchored, and two smaller unanchored centers), or a community scale retail center anchored by multiple Department/Discount Department stores.

Corner stores can be located inside of a neighborhood along its primary entry road and/or next to a civic use or clubhouse. The neighborhood and community centers should be located at the busiest crossroads as possible, especially on the homebound side of the road. Neighborhood centers can be grouped in pairs when located at key intersections.

In addition, existing retailers presently located in other affluent neighborhoods east of I-25 will consider the expansion potential of relocating into the new Volcano Heights shopping areas because of strong income and growth demographics.

- Access to Surrounding Neighborhoods: Although the Volcano Heights study area is not located directly along Interstates 25 or 40, its' convenience to surrounding neighborhoods will appeal to numerous modern retailers. Superior access to the Volcano Cliffs and Volcano Trails, as well as Rio Rancho's Quail Ridge project is critical to combating the retail gravity created by the Cottonwood Retail concentration.
- Impacts on Other Business Districts: The implementation of new shopping centers and the opening of new types of retailers that are not presently located in the Volcano Mesa Area will capture projects, population growth, and household spending that is presently occurring elsewhere in the region, or not at all. This shift in consumer habits will impact existing retailers to various levels, depending on how they respond to the opening of new businesses.

In some cases, retailers will expand promotions, as well as they goods and services in response to new competition, resulting in an overall net gain in sales. Others may lose market share and close. Often, the new shopping centers and retailers tap into an unmet consumer market that does not impact the region's overall sales. This study forecasts that for the most part, the supportable 293,900 square feet of new retail will result in a net gain of up to \$70.1 million in restaurant and retail sales. This is not to warrant that some existing business will not experience a net loss in sales.

-- END OF REPORT --

EXHIBIT A: Supportable Retail Table 2010 & 2014

Area
Study
Albuquerque
Heights
Volcano

	2010	2014	2010	2014	2010		2014		
Retail Category	Total Gross Consumer Expenditure ('000's)	Total Gross Consumer Expenditure ('000's)	Supportable Retail (SF)	Supportable Retail (SF)	Captured Annual Sales	Sales Per S/F	Captured Annual Sales	Sales Per S/F	Retailers such as
Women's Apparel	\$26,594	\$30,012	2,800	3,500	\$680,000	\$243	\$948,000	\$271	Anchor Blue Retail Group, Dress Barn
Men's Apparel	\$23,001	\$25,956	2,700	3,400	\$596,000	\$221	\$839,000	\$247	\$247 Casual Male, Haggar Clothing Co., Men's Warehouse
Children's Apparel	\$14,624	\$16,504	3,400	4,300	\$751,000	\$221	\$1,049,000	\$244	Children's Palace, Naarjie Custom Kids, Peace Frogs
Unisex Apparel	\$6,946	\$7,838	2,100	2,700	\$388,000	\$185	\$545,000	\$202	Life Uniform, totes Isotoner Corporation
Shoe Store	\$9,155	\$10,413	1,500	2,000	\$265,000	\$177	\$388,000	\$194	\$194 Foot Solutions, Red Wing Shoe Store, Naturalizer Retail
Total Apparel, Shoes & Accessories	\$80,320	\$90,723	12,500 sf	15,900 sf	\$2,680,000	\$209	\$3,769,000	\$232	
Computers and Software	\$20,864	\$23,681	2,000	2,600	\$1,120,000	\$560	\$1,531,000	\$589	Gamestop, Batteries Plus, CompUSA
General Electronics	\$28,312	\$32,135	5,800	7,300	\$1,786,000	\$308	\$2,460,000	\$337	Radio Shack, Ultimate Electronics
Appliances	\$17,803	\$20,207	8,900	11,300	\$1,272,000	\$143	\$1,785,000	\$158	SAS Appliances, Aaron's Inc.,
Total Electronics, Appliances, & Computers	\$66,979	\$76,023	16,700 sf	21,200 sf	\$4,178,000	\$337	\$5,776,000	\$361	
Full Service Restaurant	\$196,591	\$222,621	8,000	10,600	\$2,816,000	\$352	\$4,250,000	\$401	Big Burrito Restaurants, Wingstop, Pizza Factory Inc.,
Limited Service Restaurant	\$247,537	\$278,781	11,500	16,400	\$3,254,000	\$283	\$5,100,000	\$311	\$311 Origional SoupMan, Dos Hermanos, Jimmy John's
Drinking Places	\$17,133	\$19,407	1,700	2,100	\$615,000	\$362	\$854,000	\$407	Claim Jumper Restaurants, Local Tavern
Total Food & Restaurant	\$461,261	\$520,809	21,200 sf	29,100 sf	\$6,685,000	\$332	\$10,204,000	\$373	
Grocery Store	\$319,966	\$362,221	56,300	79,600	\$17,453,000	\$310	\$26,426,000	\$332	John Brooks, Albertsons, possibly Whole Foods
Specialty Food Store	\$10,462	\$11,861	1,100	1,500	\$396,000	\$360	\$595,000	\$397	Local Market/Ethnic Market
Beer, Wine and Liquor Store	\$6,078	\$6,866	0	009			\$231,000	\$385	Local Owner/Operator
Total Food & Beverage Stores	\$336,506	\$380,948	57,400 sf	81,700 sf	\$17,849,000	\$335	\$27,252,000	\$371	
Department Store	\$116,378	\$131,909	21,100	28,000	\$4,810,000	\$228	\$6,832,000	\$244	\$244 Kohl's, Beall's Outlets, Stage Department Stores
Discount Department Store	\$142,240	\$161,221	31,400	41,800	\$6,499,000	\$207	\$9,279,000	\$222	Conway Stores, Savers Inc., Just-A-Buck
Warehouse Club	\$86,236	\$96,932	11,100	14,700	\$3,096,000	\$279	\$4,395,000	\$299	
Used Merchandise Store	\$160,154	\$180,017	58,100	76,800	\$8,366,000	\$144	\$11,596,000	\$151	Salvation Army, Goodwill
Total General Merchandise Stores	\$505,008	\$570,079	121,700 sf	161,300 sf	\$22,771,000	\$215	\$32,102,000	\$229	
Building Materials & Supplies	\$92,988	\$105,534	24,800	31,100	\$5,778,000	\$233	\$8,054,000	\$259	Do It Best Corp.,, Ace Hardware, California Closets
Lawn, Garden Equipment and Supplies	\$6,026	\$6,854	2,000	2,500	\$442,000	\$221	\$612,000	\$245	\$245 Deerbrooke, Desert Blooms, Lafarge NA
Total Hardware, Lawn & Garden Store	\$99,014	\$112,388	26,800 sf	33,600 sf	\$6,220,000	\$227	\$8,666,000	\$252	

EXHIBIT A: Supportable Retail Table 2010 & 2014

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Volcano

	2010	2014	2010	2014	2010		2014		
Retail Category	Total Gross Consumer Expenditure ('000's)	Total Gross Consumer Expenditure ('000's)	Supportable Retail (SF)	Supportable Retail (SF)	Captured Annual Sales	Sales Per S/F	Captured Annual Sales	Sales Per S/F	Retailers such as
Drug Store/Pharmaceutical	\$42,091	\$47,828	5,900	000'6	\$2,879,000	\$488	\$4,896,000	\$544	Medicine Shoppe, Medicap Pharmacies
Health and Beauty Store	\$4,140	\$4,704	800	1,200	\$197,000	\$246	\$318,000	\$265	Sally Beauty Holdings, Aveda Corporation
Optical/Vision Care	\$6,900	\$7,840	1,800	2,800	\$496,000	\$276	\$887,000	\$317	National Optical Inc., Eye Care Centers of America
Personal Services	\$15,870	\$18,034	3,200	4,900	\$899,000	\$281	\$1,504,000	\$307	\$307 Mail Boxes Etc., Sir Speedy, FedEx Kinko's
Total Health Care & Personal Services	\$69,001	\$78,406	11,700 sf	17,900 sf	\$4,471,000	\$323	\$7,605,000	\$358	
Furniture Store	\$52,558	\$59,788	4,300	5,500	\$1,229,000	\$286	\$1,688,000	\$307	Kirkland's Inc., Cort Business Services, LoveSac
Home Furnishings	\$29,482	\$33,292	8,000	10,000	\$1,520,000	\$190	\$2,080,000	\$208	The Mattress Firm, 3 Day Blinds
Total Home Furnishings Store	\$82,040	\$93,080	12,300 sf	15,500 sf	\$2,749,000	\$238	\$3,768,000	\$258	
Jewerly Store	\$6,778	\$7,726	0	009			\$232,000	\$387	Local retailer
Luggage & Leather Store	\$3,646	\$4,157	0	0					
Total Jewelry, Luggage, and Leather Goods Stores	\$10,424	\$11,883	Js 0	JS 009	0\$		\$232,000	\$387	
Art. Craft and Sewing Stores	\$3.256	\$3.687	1.300	1.700	\$260.000	\$200	\$363.000	\$214	Johnne's AC Moore Arts & Craft: Hancock
Musical Instrument Store	\$2,213	\$2,519	0	0					
Book & Music Stores	\$16,270	\$18,521	2,600	3,900	\$377,000	\$145	\$616,000	\$158	Books-a-Million, Logos Books
Sporting Good Store	\$10,030	\$11,423	0	0					
Toy and Hobby Store	\$2,507	\$2,856	0	0					
Sporting Goods, Hobby, Books, Music Stores	\$34,276	\$39,006	3,900 sf	5,600 sf	\$637,000	\$173	\$979,000	\$186	
Card/Gift Shop	\$8,619	\$9,817	1,700	2,100	\$234,000	\$138	\$319,000	\$152	Irrestibles, Hallmark, Factory Card & Party
Florists	\$5,521	\$6,280	1,900	2,300	\$391,000	\$206	\$522,000	\$227	Local Florist or Bridal Salon
Office Supplies, Stationary	\$8,619	\$9,817	2,100	2,700	\$464,000	\$221	\$658,000	\$244	Xpedx Paper & Graphic, Signatures
Pet Supply Store	\$8,683	\$9,831	2,200	2,800	\$418,000	\$190	\$588,000	\$210	Pet Supermarket, Pet Valu, PetSmart
Tobacco Shop	692'6\$	\$11,061	006	1,200	\$292,000	\$324	\$439,000	\$366	Tinder Box International, Smoker Friendly International
Video/Entertainment	\$2,714	\$3,072	006	1,200	\$126,000	\$140	\$177,000	\$148	Hollywood Entertainment, Movie Starz Video
Total Miscellaneous Retailers	\$43,925	\$49,878	9,700 sf	12,300 sf	\$1,925,000	\$203	\$2,703,000	\$225	

\$294	
\$103,056,000	
\$229	
\$70,165,000	
394,700 sf	
\$2,023,223 293,900 sf	
\$1,788,754	
Total Identified Retail Expenditure	

EXHIBIT A: Supportable Retail Table 2010 & 2018 Volcano Heights Albuquerque Study Area

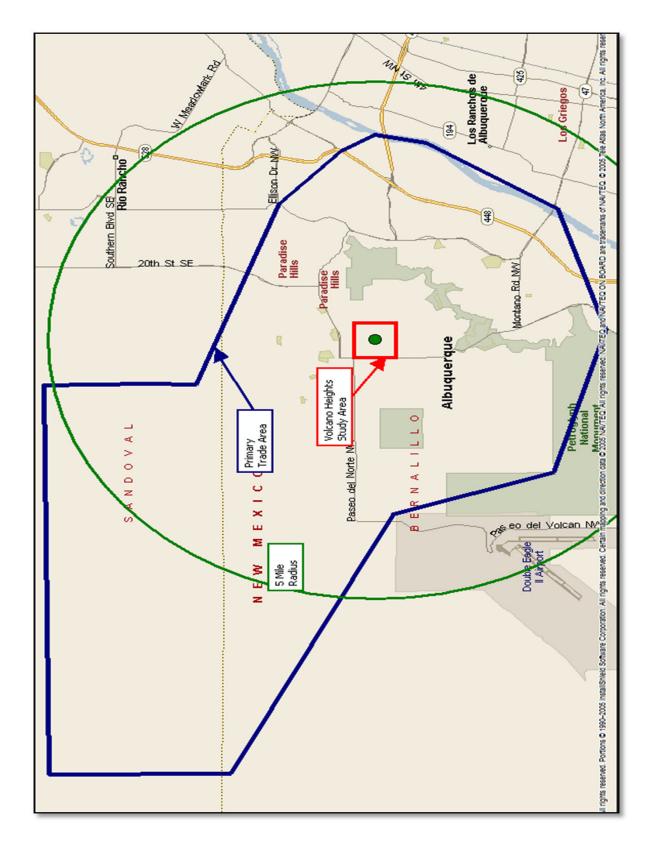
	2010	2018	2010	2018	2010		2018		
Retail Category	Total Gross Consumer Expenditure ('000's)	Total Gross Consumer Expenditure ('000's)	Supportable Retail (SF)	Supportable Retail (SF)	Captured Annual Sales	Sales Per S/F	Captured Annual Sales	Sales Per S/F	Retailers such as
Women's Apparel	\$26,594	\$33,813	2,800	4,300	\$680,000	\$243	\$1,298,000	\$305	Anchor Blue Retail Group, Dress Barn
Men's Apparel	\$23,001	\$29,244	2,700	4,100	\$596,000	\$221	\$1,135,000	\$277	Casual Male, Haggar Clothing Co., Men's Warehouse
Children's Apparel	\$14,624	\$18,594	3,400	5,100	\$751,000	\$221	\$1,371,000	\$269	Children's Palace, Naarjie Custom Kids, Peace Frogs
Unisex Apparel	\$6,946	\$8,831	2,100	3,200	\$388,000	\$185	\$707,000	\$221	Life Uniform, totes Isotoner Corporation
Shoe Store	\$9,155	\$11,795	1,500	2,500	\$265,000	\$177	\$532,000	\$213	Foot Solutions, Red Wing Shoe Store, Naturalizer Retail
Total Apparel, Shoes & Accessories	\$80,320	\$102,277	12,500 sf	19,200 sf	\$2,680,000	\$209	\$5,043,000	\$256	
Computers and Software	\$20,864	\$26,782	2,000	3,100	\$1,120,000	\$560	\$1,918,000	\$619	Gamestop, Batteries Plus, CompUSA
General Electronics	\$28,312	\$36,344	5,800	8,900	\$1,786,000	\$308	\$3,275,000	\$368	\$368 Radio Shack, Ultimate Electronics
Appliances	\$17,803	\$22,854	8,900	13,700	\$1,272,000	\$143	\$2,383,000	\$174	SAS Appliances, Aaron's Inc.,
Total Electronics, Appliances, & Computers	\$66,979	\$85,980	16,700 sf	25,700 sf	\$4,178,000	\$337	\$7,576,000	\$387	
Full Service Restaurant	\$196,591	\$251,393	8,000	13,200	\$2,816,000	\$352	\$6,019,000	\$456	Big Burrito Restaurants, Wingstop, Pizza Factory Inc.,
Limited Service Restaurant	\$247,537	\$313,667	11,500	21,000	\$3,254,000	\$283	\$7,161,000	\$341	Origional SoupMan, Dos Hermanos, Jimmy John's
Drinking Places	\$17,133	\$21,919	1,700	2,500	\$615,000	\$362	\$1,147,000	\$459	Claim Jumper Restaurants, Local Tavern
Total Food & Restaurant	\$461,261	\$586,979	21,200 sf	36,700 sf	\$6,685,000	\$332	\$14,327,000	\$419	
Grocery Store	\$319,966	\$408,953	56,300	101,600	\$17,453,000	\$310	\$36,169,000	\$356	John Brooks, Albertsons, possibly Whole Foods
Specialty Food Store	\$10,462	\$13,405	1,100	1,900	\$396,000	\$360	\$834,000	\$439	Local Market/Ethnic Market
Beer, Wine and Liquor Store	\$6,078	\$7,740	0	002			\$301,000	\$430	Local Owner/Operator
Total Food & Beverage Stores	\$336,506	\$430,098	57,400 sf	104,200 sf	\$17,849,000	\$335	\$37,304,000	\$408	
Department Store	\$116,378	\$149,047	21,100	34,700	\$4,810,000	\$228	\$9,091,000	\$262	Kohl's, Beall's Outlets, Stage Department Stores
Discount Department Store	\$142,240	\$182,168	31,400	51,700	\$6,499,000	\$207	\$12,304,000	\$238	Conway Stores, Savers Inc., Just-A-Buck
Warehouse Club	\$86,236	\$108,920	11,100	18,200	\$3,096,000	\$279	\$5,842,000	\$321	
Used Merchandise Store	\$160,154	\$202,281	58,100	94,900	\$8,366,000	\$144	\$15,089,000	\$159	Salvation Army, Goodwill
Total General Merchandise Stores	\$505,008	\$642,416	121,700 sf	199,500 sf	\$22,771,000	\$215	\$42,326,000	\$245	
Building Materials & Supplies	\$92,988	\$119,346	24,800	37,300	\$5,778,000	\$233	\$10,705,000	\$287	Do It Best Corp.,, Ace Hardware, California Closets
Lawn, Garden Equipment and Supplies	\$6,026	\$7,764	2,000	3,000	\$442,000	\$221	\$816,000	\$272	Deerbrooke, Desert Blooms, Lafarge NA
Total Hardware, Lawn & Garden Store	\$99,014	\$127,110	26,800 sf	40,300 sf	\$6,220,000	\$227	\$11,521,000	\$280	

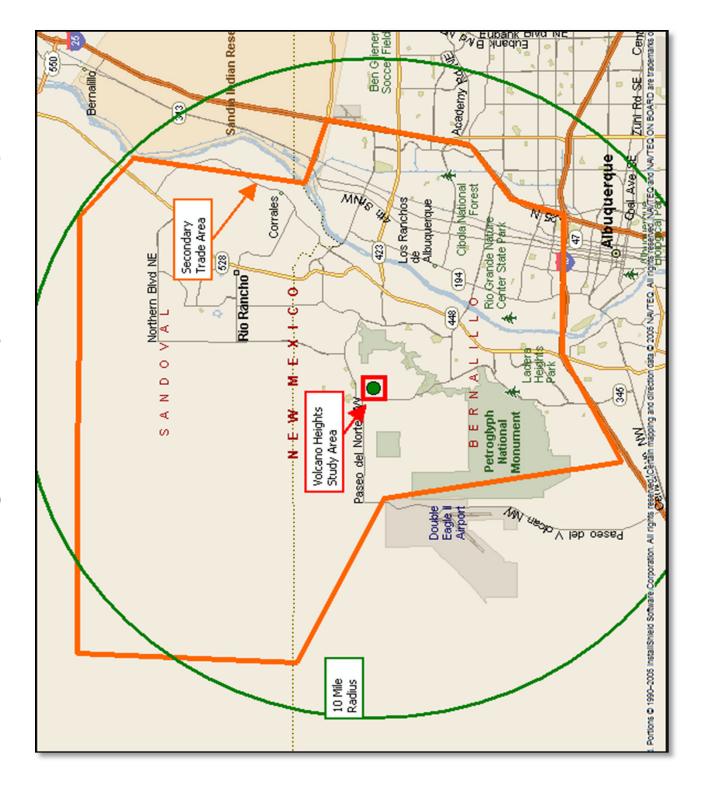
EXHIBIT A: Supportable Retail Table 2010 & 2018 Volcano Heights Albuquerque Study Area

	2010	2018	2010	2018	2010		2018		
Retail Category	Total Gross Consumer Expenditure ('000's)	Total Gross Consumer Expenditure ('000's)	Supportable Retail (SF)	Supportable Retail (SF)	Captured Annual Sales	Sales Per S/F	Captured Annual Sales	Sales Per S/F	Retailers such as
Drug Store/Pharmaceutical	\$42,091	\$54,131	5,900	11,900	\$2,879,000	\$488	\$7,211,000	\$606	Medicine Shoppe, Medicap Pharmacies
Health and Beauty Store	\$4,140	\$5,324	800	1,600	\$197,000	\$246	\$454,000	\$284	Sally Beauty Holdings, Aveda Corporation
Optical/Vision Care	006'9\$	\$8,874	1,800	3,700	\$496,000	\$276	\$1,343,000	\$363	National Optical Inc., Eye Care Centers of America
Personal Services	\$15,870	\$20,410	3,200	6,400	\$899,000	\$281	\$2,150,000	\$336	Mail Boxes Etc., Sir Speedy, FedEx Kinko's
Total Health Care & Personal Services	\$69,001	\$88,739	11,700 sf	23,600 sf	\$4,471,000	\$323	\$11,158,000	\$397	
Furniture Store	\$52,558	\$67,719	4,300	002'9	\$1,229,000	\$286	\$2,204,000	\$329	Kirkland's Inc., Cort Business Services, LoveSac
Home Furnishings	\$29,482	\$37,525	8,000	12,100	\$1,520,000	\$190	\$2,746,000	\$227	The Mattress Firm, 3 Day Blinds
Total Home Furnishings Store	\$82,040	\$105,244	12,300 sf	18,800 sf	\$2,749,000	\$238	\$4,950,000	\$278	
Jewerly Store	\$6,778	\$8,763	0	002			\$296,000	\$423	Local retailer
Luggage & Leather Store	\$3,646	\$4,715	0	0					
Total Jewelry, Luggage, and Leather Goods Stores	\$10,424	\$13,478	0 sf	700 sf	0\$		\$296,000	\$423	
Art, Craft and Sewing Stores	\$3,256	\$4,163	1,300	2,100	\$260,000	\$200	\$483,000	\$230	JoAnne's, AC Moore Arts & Craft, Hancock
Musical Instrument Store	\$2,213	\$2,856	0	0					
Book & Music Stores	\$16,270	\$20,988	2,600	5,200	\$377,000	\$145	\$899,000	\$173	Books-a-Million, Logos Books
Sporting Good Store	\$10,030	\$12,947	0	0					
Toy and Hobby Store	\$2,507	\$3,237	0	0					
Sporting Goods, Hobby, Books, Music Stores	\$34,276	\$44,191	3,900 sf	7,300 sf	\$637,000	\$173	\$1,382,000	\$202	
Card/Gift Shop	\$8,619	\$11,128	1,700	2,600	\$234,000	\$138	\$436,000	\$168	Irrestibles, Hallmark, Factory Card & Party
Florists	\$5,521	\$7,112	1,900	2,800	\$391,000	\$206	\$702,000	\$251	Local Florist or Bridal Salon
Office Supplies, Stationary	\$8,619	\$11,128	2,100	3,300	\$464,000	\$221	\$887,000	\$269	Xpedx Paper & Graphic, Signatures
Pet Supply Store	\$8,683	\$11,102	2,200	3,500	\$418,000	\$190	\$808,000	\$231	Pet Supermarket, Pet Valu, PetSmart
Tobacco Shop	692'6\$	\$12,489	006	1,400	\$292,000	\$324	\$576,000	\$411	Tinder Box International, Smoker Friendly International
Video/Entertainment	\$2,714	\$3,469	006	1,500	\$126,000	\$140	\$234,000	\$156	Hollywood Entertainment, Movie Starz Video
Total Miscellaneous Retailers	\$43,925	\$56,428	9,700 sf	15,100 sf	\$1,925,000	\$203	\$3,643,000	\$248	

9 \$139,526,000 \$322
\$259
\$70,165,000
491,100 sf
\$2,282,940 293,900 sf
\$1,788,754
Total Identified Retail Expenditure

Volcano Heights Primary Trade Area Map





## **Business-Facts: WorkPlace & Employment Summary**

Volcano Heights Albuquerque Study Area	Prepar	ed by Gibb	os Planning	g Group
Total Businesses:		1,:	253	
Total Employees:			309	
Total Residential Population:			,382	
Employee/Residential Population Ratio:		0.	130	
	BUSIN	ESSES	EMPLO	OYEES
	Number	Percent	Number	Percent
Agriculture & Mining	28	2.2%	76	1.0%
Construction	141	11.3%	358	4.9%
Manufacturing	17	1.4%	48	0.7%
Transportation	25	2.0%	80	1.1%
Communication	12	1.0%	41	0.6%
Electric, Gas, Water, Sanitary Services	5	0.4%	24	0.3%
Wholesale Trade	32	2.6%	122	1.7%
Retail Trade Summary	231	18.5%	2,582	35.3%
Home Improvement	8	0.6%	51	0.7%
General Merchandise Stores	9	0.7%	241	3.3%
Food Stores	23	1.8%	392	5.4%
Auto Dealers, Gas Stations, Auto Aftermarket	18	1.4%	330	4.5%
Apparel & Accessory Stores	10	0.8%	23	0.3%
Furniture & Home Furnishings	18	1.4%	79	1.1%
Eating & Drinking Places	56	4.5%	1,081	14.8%
Miscellaneous Retail	89	7.1%	385	5.3%
Finance, Insurance, Real Estate Summary	135	10.8%	509	7.0%
Banks, Savings & Lending Institutions	26	2.1%	112	1.5%
Securities Brokers	6	0.5%	14	0.2%
Insurance Carriers & Agents	31	2.5%	89	1.2%
Real Estate, Holding, Other Investment Offices	72	5.8%	294	4.0%
Services Summary	584	46.7%	3,418	46.8%
Hotels & Lodging	1	0.1%	8	0.1%
Automotive Services	18	1.4%	206	2.8%
Motion Pictures & Amusements	55	4.4%	506	6.9%
Health Services	49	3.9%	330	4.5%
Legal Services	8	0.6%	11	0.2%
Education Institutions & Libraries	39	3.1%	1,079	14.8%
Other Services	414	33.1%	1,278	17.5%
Government	10	0.8%	45	0.6%
Other	30	2.4%	6	0.1%
Totals	1,250		7,309	

Source: Business data provided by Experian, Shaumburg, Copyright 2009, all rights reserved.

#### MARKET PROFILE TABLE

#### Volcano Heights Albuquerque Study Area

#### Prepared by

#### **Gibbs Planning Group**

37,766

58,382

67,064

2.81%

13,463

21,606

25,139

2.76

2.65

546







2015 Households

2000 Total Population

2010 Total Population

2000 Group Quarters





2010 Average Family Size	3.08
2015 Families	18,219 3.06
2015 Average Family Size 2010 - 2015 Annual Rate	2.80%
2010 - 2015 Annual Rate	2.80%
2000 Housing Units	14,174
Owner Occupied Housing Units	76.0%
Renter Occupied Housing Units	19.0%
Vacant Housing Units	5.0%
2010 Housing Units	22,760
Owner Occupied Housing Units	73.6%
Renter Occupied Housing Units	21.3%
Vacant Housing Units	5.1%
2015 Housing Units	26,643
Owner Occupied Housing Units	72.8%
Renter Occupied Housing Units	21.6%
Vacant Housing Units	5.6%
Median Household Income	
2000	\$59,273
2010	\$72,132
2015	\$74,704
Median Home Value	
2000	\$141,882
2010	\$222,117
2015	\$267,623
Por Canita Income	
Per Capita Income 2000	\$23,156
2010	\$23,130 \$29,176
2015	\$30,765
2015	φ30,765
Median Age	
2000	33.2
2010	34.4
2015	34.3

**Data Note:** Persons in families include the householder and persons related to the householder by birth, marriage, or adoption. Per Capita Income represents the income received by all persons aged 15 years and over divided by total population.

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.



2000 Hayrach alda by Inaama	
2000 Households by Income Household Income Base	13,450
< \$15,000	5.9%
\$15,000 - \$24,999	7.6%
\$25,000 - \$34,999	8.7%
\$35,000 - \$49,999	17.7%
\$50,000 - \$74,999	27.8%
\$75,000 - \$99,999	18.6%
\$100,000 - \$149,999	10.9%
\$150,000 - \$199,999	1.8%
\$200,000 +	1.1%
Average Household Income	\$64,665
2010 Households by Income	
Household Income Base	21,606
< \$15,000	3.9%
\$15,000 - \$24,999	4.6%
\$25,000 - \$34,999	5.6%
\$35,000 - \$49,999	14.1%
\$50,000 - \$74,999	24.1%
\$75,000 - \$99,999	24.8%
\$100,000 - \$149,999	17.3%
\$150,000 - \$199,999	3.5%
\$200,000 +	2.0%
Average Household Income	\$79,356
2015 Households by Income	
Household Income Base	25,141
< \$15,000	3.5%
\$15,000 - \$24,999	3.6%
\$25,000 - \$34,999	4.8%
\$35,000 - \$49,999	10.2%
\$50,000 - \$74,999	28.1%
\$75,000 - \$99,999 \$400,000 - \$440,000	25.5%
\$100,000 - \$149,999	18.2%
\$150,000 - \$199,999 \$200,000 -	3.8%
\$200,000 +	2.1%
Average Household Income	\$82,840
2000 Owner Occupied Housing Units by	
Total	10,837
< \$50,000 \$50,000 - \$99,999	0.4% 8.1%
\$100,000 - \$149,999	51.4%
\$150,000 - \$149,999 \$150,000 - \$199,999	27.6%
\$200,000 - \$299,999	11.5%
\$300,000 - \$299,999	0.6%
\$500,000 - \$499,999 \$500,000 - \$999,999	0.3%
\$1,000,000+	0.3%
Average Home Value	\$153,068
2000 Specified Renter Occ. Housing Uni	its by Contract Rent
Total	2,670
With Cash Rent	97.8%
No Cash Rent	2.2%
Median Rent	\$683

**Data Note:** Income represents the preceding year, expressed in current dollars. Household income includes wage and salary earnings, interest, dividends, net rents, pensions, SSI and welfare payments, child support and alimony.

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.

 ${\sf Gibbs\ Plannin\underline{g}\ Group\ Inc.,\ Volcano\ Heights,\ Albuquerque\ Report\ Appendix}$ 

Average Rent

\$698



2000 Population by Age		
Total	37,767	
Age 0 - 4	8.1%	
Age 5 - 9	8.6%	
Age 10 - 14	8.5%	
Age 15 - 19	7.0%	
Age 20 - 24	5.5%	
Age 25 - 34	15.3%	
Age 35 - 44	20.0%	
Age 45 - 54	14.2%	
Age 55 - 64	6.6%	
Age 65 - 74	3.8%	
Age 75 - 84	1.9%	
Age 85+	0.4%	
Age 18+	70.3%	
2010 Population by Age		
Total	58,384	
Age 0 - 4	8.3%	
Age 5 - 9	8.0%	
Age 10 - 14	7.7%	
Age 15 - 19	6.9%	
Age 20 - 24	5.8%	
Age 25 - 34	14.1%	
Age 35 - 44	16.3%	
Age 45 - 54	15.4%	
Age 55 - 64	10.1%	
Age 65 - 74	4.5%	
Age 75 - 84	2.1%	
Age 85+	0.7%	
Age 18+	71.7%	
2015 Population by Age		
Total	67,063	
Age 0 - 4	8.2%	
Age 5 - 9	8.1%	
Age 10 - 14	7.9%	
Age 15 - 19	6.8%	
Age 20 - 24	5.8%	
Age 25 - 34	14.2%	
Age 35 - 44	15.4%	
Age 45 - 54	14.0%	
Age 55 - 64	10.9%	
Age 65 - 74	5.8%	
Age 75 - 84	2.2%	
Age 85+	0.7%	
Age 18+	71.6%	
2000 Population by Sex		
Males	48.8%	
Females	51.2%	
2010 Population by Sex		
Males	48.7%	
Females	51.3%	
2015 Population by Sex		
Males	48.5%	
Females	51.5%	

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.



2000 Population by Race/Ethnicity Total White Alone	37,767 74.6%
Black Alone American Indian Alone Asian or Pacific Islander Alone Some Other Race Alone Two or More Races Hispanic Origin	2.5% 4.1% 1.6% 12.9% 4.3% 36.1%
Diversity Index	69.9
2010 Population by Race/Ethnicity Total White Alone Black Alone American Indian Alone Asian or Pacific Islander Alone Some Other Race Alone Two or More Races Hispanic Origin Diversity Index	58,381 70.1% 3.7% 5.0% 1.8% 14.3% 5.0% 40.7% 74.3

#### 2015 Population by Race/Ethnicity

Total	67,064
White Alone	68.3%
Black Alone	4.1%
American Indian Alone	5.2%
Asian or Pacific Islander Alone	1.9%
Some Other Race Alone	15.0%
Two or More Races	5.4%
Hispanic Origin	42.9%
Diversity Index	76.0



#### 2000 Population 3+ by School Enrollment

Total	35,988
Enrolled in Nursery/Preschool	2.4%
Enrolled in Kindergarten	2.0%
Enrolled in Grade 1-8	13.8%
Enrolled in Grade 9-12	6.2%
Enrolled in College	7.1%
Enrolled in Grad/Prof School	1.7%
Not Enrolled in School	66.7%

#### 2010 Population 25+ by Educational Attainment

Total	36,924
Less than 9th Grade	1.9%
9th - 12th Grade, No Diploma	4.0%
High School Graduate	21.9%
Some College, No Degree	25.0%
Associate Degree	10.5%
Bachelor's Degree	22.4%
Graduate/Professional Degree	14.3%

**Data Note**: Persons of Hispanic Origin may be of any race. The Diversity Index measures the probability that two people from the same area will be from different race/ethnic groups.

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.



Divorced

## 2010 Population 15+ by Marital Status Total 44,357 Never Married 28.6% Married 56.2% Widowed 2.6%

12.6%

2000 Population 16+ by Employment Status	
Total	27,949
In Labor Force	74.8%
Civilian Employed	69.9%
Civilian Unemployed	3.9%
In Armed Forces	1.0%
Not in Labor Force	25.2%



2010 Civilian Population 16+ in Labor Force
Civilian Employed 92.5%
Civilian Unemployed 7.5%

2015 Civilian Population 16+ in Labor Force **Civilian Employed**Civilian Unemployed

6.8%

#### 2000 Females 16+ by Employment Status and Age of Children

Total	14,442
Own Children < 6 Only	10.0%
Employed/in Armed Forces	6.2%
Unemployed	0.0%
Not in Labor Force	3.8%
Own Children <6 and 6-17	7.7%
Employed/in Armed Forces	4.6%
Unemployed	0.1%
Not in Labor Force	3.0%
Own Children 6-17 Only	21.7%
Employed/in Armed Forces	16.7%
Unemployed	0.5%
Not in Labor Force	4.5%
No Own Children <18	60.5%
Employed/in Armed Forces	38.1%
Unemployed	2.6%
Not in Labor Force	19.9%

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.



#### 2010 Employed Population 16+ by Industry Total 27,176 Agriculture/Mining 0.2% Construction 5.9% Manufacturing 5.2% Wholesale Trade 3.3% Retail Trade 11.0% Transportation/Utilities 3.6% Information 3.0% Finance/Insurance/Real Estate 7.3% Services 52.9% **Public Administration** 7.6% 2010 Employed Population 16+ by Occupation Total 27,176 White Collar 72.3% Management/Business/Financial 15.6% Professional 30.0% Sales 12.5%

14.3%

15.1%

12.5%

0.1%

Administrative Support

Farming/Forestry/Fishing

Services

Blue Collar



Construction/Extraction	3.9%
Installation/Maintenance/Repair	2.9%
Production	2.7%
Transportation/Material Moving	2.9%
2000 Workers 16+ by Means of Transportation to Work	
Total	19,615
Drove Alone - Car, Truck, or Van	82.3%
Carpooled - Car, Truck, or Van	11.2%
Public Transportation	0.5%
Walked	0.7%
Other Means	1.2%
Worked at Home	4.0%
2000 Workers 16+ by Travel Time to Work	
Total	19,615
Did not Work at Home	96.0%
Less than 5 minutes	2.1%
5 to 9 minutes	5.3%
10 to 19 minutes	27.2%
20 to 24 minutes	22.2%
25 to 34 minutes	27.0%
35 to 44 minutes	4.8%
45 to 59 minutes	3.7%
60 to 89 minutes	2.2%
90 or more minutes	1.4%
Worked at Home	4.0%
Average Travel Time to Work (in min)	23.9
2000 Households by Vehicles Available	
Total	13,505
None	1.6%
1	25.5%
2	50.5%
3	16.1%
4	5.1%
5+	1.2%
Average Number of Vehicles Available	2.0

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.



2000 Households by Type		
Total	13,463	
Family Households	76.7%	
Married-couple Family	63.0%	
With Related Children	35.0%	
Other Family (No Spouse)	13.7%	
With Related Children	10.0%	
Nonfamily Households	23.3%	
Householder Living Alone	17.4%	
Householder Not Living Alone	6.0%	
Householder Not Living Alone	0.076	
Households with Related Children	45.0%	
Households with Persons 65+	12.0%	
2000 Households by Size		
Total	13,463	
1 Person Household	17.4%	
2 Person Household	33.8%	
3 Person Household	19.2%	
4 Person Household	19.0%	
5 Person Household	7.2%	
6 Person Household	2.4%	
7+ Person Household	0.9%	
2000 Households by Year Householder Moved In		
Total	13,507	
Moved in 1999 to March 2000	24.1%	
Moved in 1995 to 1998	38.1%	
Moved in 1990 to 1994	19.3%	
Moved in 1980 to 1989	13.4%	
Moved in 1970 to 1979	4.1%	
Moved in 1969 or Earlier		
Median Year Householder Moved In	1.1%	
iviedian fear nousenoider ivioved in	1996	
2000 Housing Units by Units in Structure		
Total	14,220	
1, Detached	82.1%	
1, Attached	2.6%	
2	0.4%	
3 or 4	2.9%	
5 to 9	5.9%	
10 to 19	1.8%	
20+	3.7%	
Mobile Home	0.5%	
Other	0.0%	
2000 Housing Units by Year Structure Built		
Total	14,219	
1999 to March 2000	6.3%	
1995 to 1998	25.8%	
1990 to 1994	19.7%	
1980 to 1989	29.3%	
1070 to 1070	14.20/	

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.

Gibbs Planning Group Inc., Volcano Heights, Albuquerque Report Appendix

Median Year Structure Built

1970 to 1979

1969 or Earlier

14.3%

4.7%

1990

### **Top 3 Tapestry Segments**

1.	Up and Coming Families
2.	Sophisticated Squires
3.	Cozy and Comfortable



2010 Consumer Spending shows the amount spent on a variety of goods and services by households that reside in the market area. Expenditures are shown by broad budget categories that are not mutually exclusive. Consumer spending does not equal business revenue.

Apparel & Services: Total \$	\$41,284,013
Average Spent	\$1,910.77
Spending Potential Index	80 \$5,500,004
Computers & Accessories: Total \$	\$5,529,994
Average Spent	\$255.95
Spending Potential Index	116
Education: Total \$	\$30,623,464
Average Spent	\$1,417.36
Spending Potential Index	116
Entertainment/Recreation: Total \$	\$81,087,944
Average Spent	\$3,753.03
Spending Potential Index	116
Food at Home: Total \$	\$105,181,329
Average Spent	\$4,868.15
Spending Potential Index	109
Food Away from Home: Total \$	\$79,270,358
Average Spent	\$3,668.90
Spending Potential Index	114
Health Care: Total \$	\$84,962,747
Average Spent	\$3,932.37
Spending Potential Index	106
Household Furnishings & Equip: Total \$	\$45,541,237
Average Spent	\$2,107.81
Spending Potential Index	102
Investments: Total \$	\$38,354,210
Average Spent	\$1,775.16
Spending Potential Index	102
Retail Goods: Total \$	\$580,772,315
Average Spent	\$26,880.14
Spending Potential Index	108
Shelter: Total \$	\$399,621,793
Average Spent	\$18,495.87
Spending Potential Index	117
TV/Video/Audio: Total \$	\$29,831,057
Average Spent	\$1,380.68
Spending Potential Index	111
Travel: Total \$	\$48,151,609
Average Spent	\$2,228.62
Spending Potential Index	118
Vehicle Maintenance & Repairs: Total \$	\$22,907,235
Average Spent	\$1,060.23
Spending Potential Index	په ۱,000.23 112
Spending Fotential index	112

**Data Note:** The Spending Potential Index represents the amount spent in the area relative to a national average of 100.

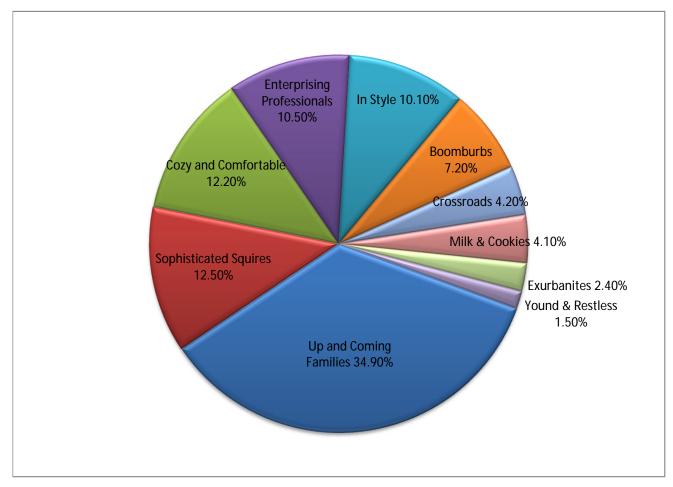
Source: Expenditure data are derived from the 2005 and 2006 Consumer Expenditure Surveys,
Bureau of Labor Statistics.

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### PRIMARY TAPESTRY LIFESTYLE TABLE

Volcano Heights Albuquerque Study Area Top Ten Tapestry Segments

·		Households		U.S. Households		
Rank	Tapestry Segment	Percent	Cumulative Percent	Percent	Cumulative Percent	
1 2 3 4 5	Up and Coming Families Sophisticated Squires Cozy and Comfortable Enterprising Professionals In Style	34.9% 12.5% 12.2% 10.5% 10.1% 80.2%	34.9% 47.4% 59.6% 70.1% 80.2%	3.5% 2.7% 2.8% 1.7% 2.5% 13.2%	1.5% 2.5% 6.0% 6.9% 8.4%	
6 7 8 9 10	Boomburbs Crossroads Milk & Cookies Exurbanites Yound & Restless	7.2% 4.2% 4.1% 2.4% 1.5% 99.6%	87.4% 91.6% 95.7% 98.1% 99.6%	2.3% 1.5% 2.0% 2.5% 1.4% 22.9%	9.3% 12.1% 13.6% 14.4% 15.8%	



**Segment Name:** Up and Coming Families

LifeMode Group: Family Portrait



### Demographic

With an annual household growth rate of 5.2 percent, Up and Coming Families represents Tapestry's second highest household growth market. A mix of Generation Xers and Baby Boomers with a median age of 31.9 years, this segment is the youngest of Tapestry's affluent family markets. Residents of these neighborhoods are young, affluent families with younger children. Eighty percent of the households are families. Most of the residents are white; however, diversity is increasing as the segment grows.

### Socioeconomic

Beginning their careers, residents of Up and Coming Families are earning above-average incomes. The median household income is \$78,189, higher than the national median. The median net worth is \$194,046. Nearly two-thirds of the residents aged 25 years and older have attended college; more than one in five holds a bachelor's degree. Labor force participation is well above average at 71 percent; unemployment is low. Ninety-one percent of households earn income from wages and salaries. Although half of the households have children, they also have working parents.

### Residential

In the suburban outskirts of midsized metropolitan areas with populations higher than 250,000, approximately half of Up and Coming Families neighborhoods are concentrated in the South, the other half in the West and Midwest. Most residents live in new single-family housing; more than half the housing units were built in the last 10 years. Homeownership is at 83 percent. The median home value is \$182,628.

#### **Preferences**

Family and home dictate the products these residents buy. Many are beginning or expanding their families, so baby equipment, children's clothing, and toys are essential purchases. Because many are first-time homeowners, basic household furniture and lawn fertilizer, weed control, and insecticide products are important. Car loans and mortgage payments are major household budget items. They are most likely to own or lease an SUV or a Minivan. They eat out at family restaurants, especially on the weekends, and buy fast food at the drive-through or for takeout.

They play softball, take the kids to the zoo, and visit theme parks (generally Sea World or Disney World) where they make good use of their digital camera or camcorder. They rent comedy, family, and action/adventure DVDs. Cable station favorites include Country Music Channel, ESPN news, The Learning Channel, and the Disney Channel. They listen to country, soft rock, and contemporary hit radio.

**Segment Name:** Sophisticated Squires

**LifeMode Group:** High Society



### Demographic

Residents of Sophisticated Squires neighborhoods enjoy cultured country life on the urban fringe. These city escapees accept longer commutes to live near fewer neighbors. Mostly married couple families; more than 40 percent of the households are married couples with children that range from toddlers to young adults. The median age is 38.2 years. Most are baby boomers and are aged between 35 and 54 years. This segment is not ethnically diverse; most residents are white.

### Socioeconomic

These residents are educated; more than one-third of the population aged 25 years or older holds a bachelor's or graduate degree; another third has attended college. Labor force participation rates are high; occupations range from management to unskilled labor positions. Most work in white-collar jobs. The median household income is \$86,075. Nearly 90 percent of the households earn wage or salary income; nearly half supplement their wages and salaries with interest, dividends, or rental income. The median net worth is \$298,660.

### Residential

Sophisticated Squires live in less densely populated areas concentrated along the Atlantic coast and around the Great Lakes. Approximately 90 percent of the housing is single family homes; the median home value is \$237,607. Seventy four percent of the housing was built before 1990; 55 percent was built between 1970 and 1989. More than 80 percent of the households own at least two vehicles. They prefer compact SUVs; however, many drive minivans or full-size SUVs.

### **Preferences**

Do-it-yourselfers, Sophisticated Squires residents take care of their lawns and landscaping; home improvements; and remodeling projects such as bathroom remodeling, installing new light fixtures, painting home interiors, staining decks, and cleaning carpets with their steam cleaners. They like to barbecue on their gas grills and make bread with their bread making machines. Many households own a motorcycle. A typical household will own three or more cell phones. Looking toward the future, many residents own stocks, bonds, and large life insurance policies. When dieting, they go on Weight Watchers; many own a treadmill or stationary bike to stay fit.

They go power boating, play board and word games, do woodworking projects, and attend football and baseball games. Adults also take photos, play golf, and ride their motorcycles. Children play games on the home personal computer and typically own a video game system. Residents listen to soft adult contemporary music; classic hits; news; all-talk; and sports radio, including broadcasts of professional games. Although many households have four or more TVs, residents watch as much television as typical U.S. households. Favorite programs include news, comedies, dramas, and programs on Home & Garden Television.

**Segment Name:** Cozy and Comfortable **LifeMode Group:** Upscale Avenues



### Demographic

Cozy and Comfortable residents are middle-aged married couples who are comfortably settled in their single-family homes in older neighborhoods. The median age of 42 years is five years older than the U.S. median of 36.9 years. Most residents are married without children or married couples with schoolaged or adult children. With 8.7 million people, this is a relatively large segment that is growing moderately by 0.6 percent annually since 2000. Most of these residents are white.

### Socioeconomic

Although the labor force is older, they are in no hurry to retire. The labor force participation rate is 67 percent; the unemployment figure is 9 percent. Employed residents work in professional, managerial, and service occupations in a variety of industry sectors. Occupation distributions are similar to U.S. values. The median household income is \$66,327. Income for 80 percent of the households is earned from wages and salaries. Forty-six percent of households receive investment income. Their median net worth is \$187,640.

### Residential

Cozy and Comfortable neighborhoods are located in suburban areas, primarily in the Midwest, Northeast, and South. Many residents are still living in the homes in which they raised their children. Single-family structures make up 88 percent of the household inventory. The median home value is \$158,486. Sixty-two percent of the housing units were built before 1970. Homeownership is at 85 percent.

### **Preferences**

Cozy and Comfortable residents prefer to own certificates of deposit and consult a financial planner. They typically hold a second mortgage, a new car loan, a home equity line of credit, and a universal life insurance policy. Home improvement and remodeling projects are important to them. Although they will contract for some work, they attempt many projects, especially painting and lawn care. Depending on the season, they play golf or ice skate for exercise. They attend ice hockey games, watch science fiction movies on DVD, and take domestic vacations. They eat at family restaurants such as Friendly's, Bob Evans Farms, and Big Boy.

Going online isn't a priority, so they own older home computers. Television is very important; many households own four or more sets so they won't miss any of their favorite shows. They watch sports, particularly football, and news programs. Reading the Sunday newspaper is part of the routine for many.

**Segment Name:** Enterprising Professionals

LifeMode Group: In Style



### Demographic

Young, educated, single, married, working professionals, residents of Enterprising Professionals neighborhoods have a median age of 32.4 years. Forty-three percent of the households are singles who live alone or share housing with roommates, and 43 percent are married couple families. One of the fastest-growing markets, with an annual household growth of 2.2 percent per year since 2000, the households in this segment comprise approximately 2 percent of total U.S. households. The diversity of the population is similar to that of the U.S. Most of the residents are white; however, 12 percent are Asian.

### Socioeconomic

Median household income is \$70,207; the median net worth of \$79,982 is growing. Ninety percent of the households earn income from wages and salaries; 39 percent receive income from investments. This is an educated group: approximately half of the population aged 25 years and older hold a bachelor's or graduate degree; more than three in four have attended college. These working professionals are employed in various jobs, especially in management, finance, computer, sales, and office/administrative support. Labor force participation is 75 percent.

### Residential

Enterprising Professionals residents move frequently to find growth opportunities and better jobs, especially in cities such as Chicago, Atlanta, and Seattle. Forty-six percent of the households are located in the South, 29 percent are in the West, and 20 percent are in the Midwest. They prefer to own instead of rent in newer neighborhoods of townhouses or apartments. The median value is \$229,129 for owner occupied houses. For those who rent, the average gross rent is 36 percent higher than the U.S. average.

### **Preferences**

They are young and mobile with growing consumer clout. Those who rent hold renter's insurance policies. They rely on cell phones and e-mail to stay in touch. They go online to download videos and music, track their investments, and shop for items, including personal computers and software. They own laptops, video game systems, and digital camcorders.

They love to travel abroad and in the U.S. often. They play video games, visit theme parks, jog, and swim. They read computer, science, and technology magazines and listen to alternative, public-all-talk, and sports radio. They eat out at Cheesecake Factory and Chili's Grill and Bar. They shop for groceries at stores such as Publix and Albertson's.

Segment Name: In Style

**LifeMode Group:** Upscale Avenues



### Demographic

In Style residents live in the suburbs but prefer the city lifestyle. Professional couples predominate. Household distributions by type are similar to those of the United States. Married-couple families represent 54 percent of households. Households without children (married couples without children, single-person, shared, and other family types), comprise more than two-thirds of all households. This count is increasing. The population is slightly older, with a median age of 39.9 years. There is little diversity in these neighborhoods.

### Socioeconomic

In Style residents are prosperous, with a median household income of \$71,177 and a median net worth of \$188,492. Wages and salaries provide income for 84 percent of the households; 47 percent also receive some form of investment income. In Style residents are more educated compared to the U.S. level: 42 percent of the population aged 25 years and older hold a bachelor's or graduate degree. Labor force participation is 70 percent; unemployment is 8.2 percent. Forty-six percent of employed residents have professional or management positions, with above average concentrations in the finance, insurance, health care, technical services, and education industry sectors.

### Residential

In Style residents live in affluent neighborhoods of metropolitan areas across the country. More suburban than urban, they embrace an urbane lifestyle; 14 percent prefer townhouses to traditional single-family homes chosen by 56 percent of the households. The median home value is \$224,030. The 69 percent rate of homeownership is just slightly above average. More than three-quarters of the housing was built in the last 30 years.

#### **Preferences**

Computer savvy In Style residents go online daily to research real estate information; do their banking; track investments; trade stocks; book travel; and buy computer hardware or software, concert tickets, or tickets to sporting events. They use a financial planner and invest in stocks, bonds, money market funds, money market bank accounts, and securities. Looking toward the future, residents hold life insurance policies and contribute to IRA and 401(k) retirement accounts. To maintain their homes, they hire professional household cleaning services and contractors to remodel their kitchens.

Residents stay fit by exercising, eating a healthy diet to control their weight, buying low-fat foods, and taking vitamins. They attend live musical performances and gamble at casinos. They take domestic vacations to hike, golf, and go backpacking. They read magazines, listen to news-talk radio, and watch professional sports events and golf on TV.

Segment Name: Boomburbs LifeMode Group: High Society



### Demographic

The newest additions to the suburbs, these communities are home to busy, affluent young families. Both the neighborhoods and the families are growing. Boomburbs is the fastest-growing market in the United States; the population has been growing at a rate of 5.57 percent annually since 2000. It is also home to one of the highest concentrations of young families with children. The median age is 33.8 years; one-fifth of Boomburbs residents are between 35 and 44 years of age. There is little ethnic diversity in the population; most of the residents are white.

### Socioeconomic

The Boomburbs market includes one of the highest concentrations of two-income households, complemented by one of the highest rates of labor force participation, at 72 percent. Residents are well educated: more than 50 percent of the population aged 25 years and older hold a bachelor's or graduate degree. They work primarily in management, professional, and sales occupations. The median household income is \$123,091, more than double that of the U.S. median. More than half of these households receive additional income from interest, dividends, and rental property. The median net worth is \$475,609.

#### Residential

The newest developments in growing areas, Boomburbs neighborhoods are concentrated in the South, West, and Midwest; the highest state concentrations are found in Texas and California. Approximately three-quarters of the housing units in Boomburbs neighborhoods were built after 1989; most are single-family houses. These are the newest developments in growing areas. The homeownership rate is 88 percent, compared to 66 percent for the United States. The median home value of \$289,813 is also high compared to the U.S. median of \$162,279. Commuting links these dual career households with their suburban lifestyle. Many work outside their resident county; 35 percent cross county lines to work (compared to 23 percent for the United States).

### **Preferences**

Residents' product preferences reflect their suburban lifestyle. Boomburbs is the top segment for buying household furnishings, toys and games, men's business and casual clothes, big-screen TVs, cars, and trees. This is also the top market to own big-screen TVs, DVD players, digital camcorders, video game systems, and scanners as well as owning or leasing full-size SUVs. Residents own laptop computers, all kinds of software, and two or more cell phones. They are well-insured, holding life insurance policies worth \$500,000 or more. They go online frequently to buy flowers and tickets to sports events, trade and track their investments, do their banking, and make travel plans. Personal computer use by children younger than 18 years is the highest of all the Tapestry segments.

Boomburbs residents prefer homes with fireplaces and hot tubs. They tend to employ professional household cleaning services. They will do home improvement projects themselves or hire a contractor for more complicated work. For property maintenance, they hire lawn care and landscaping services, but will also do some lawn care themselves.

Family vacations are a top priority; trips to Disney World, Sea World, and other theme parks are popular destinations. For exercise, they play tennis and golf, ski, lift weights, and jog. They watch family videos on DVD, attend baseball and basketball games, and go to golf tournaments. They will readily spend more than \$250 a year on high-end sports equipment and buy family DVDs for their collections. Favorite types of radio programs include alternative, soft contemporary, sports, and all-talk. They read parenting, finance, and business magazines and watch newer sitcoms and dramas on TV.

**Segment Name:** Crossroads **LifeMode Group:** American Quilt



### **Demographic**

Crossroads neighborhoods are primarily home to married couple families with and without children and single-parent families. These residents are young, with a median age of 32.0 years. Householders tend to be younger than the U.S. average; approximately half of them are younger than 45 years. The population in this segment is growing more than 1.6 percent annually, a faster rate than the U.S. population. Nineteen percent of residents are Hispanic. Although 73 percent of residents are white, other racial groups are represented in this market.

### Socioeconomic

The median household income for this market is \$41,213, somewhat below the U.S. median; the median net worth is \$47,371, less than half the U.S. value. Educational attainment levels are lower than U.S. levels; only 36 percent of residents aged 25 years and older hold a bachelor's or graduate degree or have attended college. Most of the employed residents work in the manufacturing, construction, retail trade, and service industry sectors. Labor force participation is comparable to the U.S. level, but unemployment is slightly higher.

### Residential

*Crossroads* communities are growing neighborhoods that are frequently found in small towns throughout the South, Midwest, and West. These small towns provide affordable housing for young families, providing them an opportunity to own their homes. Homeownership is 77 percent; the median home value is \$74,804, much lower than the U.S. median. More than half of *Crossroads* households are mobile homes; 36 percent are single-family dwellings. Most of the housing was built after 1969.

### **Preferences**

Mindful of their expenses, *Crossroads* households budget for what they buy and choose selectively where to spend their money. They shop at discount department stores such as Wal-Mart and Kmart. Many shop for groceries at Wal-Mart Supercenters. Their priorities are their families and their cars. Children are the focus of their lives, and they buy children's products in addition to groceries. They prefer domestic cars or trucks, commonly buy used vehicles, and handle the maintenance themselves. Investing and saving for retirement are a low priority; many households do not own mutual funds, stocks, or retirement savings accounts. Home improvement projects also rank low.

Crossroads residents enjoy watching television, especially cartoon channels for the kids and ?shing or NASCAR racing for the adults. Typically, they own a satellite dish or subscribe to cable. They also like to listen to the radio, preferring country and contemporary hit music to other formats. They read the newspaper less frequently than average U.S. households; however, they read magazines, especially automotive, boating, motorcycle, and ?shing publications. They like to ?sh and go to the movies. Most households have pets such as cats and dogs. Birds are especially popular.

### **Volcano Heights Market Study**

B – Office Market Study

### Prepared for the City of Albuquerque

By Gibbs Planning Group (GPG), subconsultant to Gateway Planning Group

### **DISCLAIMERS:**

- This market study was prepared for sector planning purposes ONLY and may not be used for development and/or any other purpose.
- The study focuses on 130+ acres within the Town Center of the July 2010 draft of the Volcano Heights Sector Development Plan.
- Findings were based on the 2010 version of the Volcano Heights Sector
   Development Plan prepared for the City of Albuquerque's Environmental
   Planning Commission and data available as of February 2011.



VOLCANO HEIGHTS ALBUQUERQUE, NEW MEXICO

Prepared For:

### CITY OF ALBUQUERQUE

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Revised May 20, 2011

### **TABLE OF CONTENTS**

OFFICE MARKET ANALYSIS: VOLCANO HEIGHTS TOWN CENTER	
Figure 1: Location Map of West Mesa Office Submarket Study Area	1
EXECUTIVE SUMMARY	1
Volcano Mesa Area	2
Greater Albuquerque Office Market	2
Figure 2: Greater Albuquerque Net Absorption and Constructions Graph	2
Figure 3: Albuquerque Office Space in 2010	3
Figure 4: Median Asking Lease Rate Graph	4
West Mesa Office Trade Area Demographics	4
2010 Employed Population 16+ by Occupation	5
Figure 5: Employment by Occupation Chart	5
Volcano Heights Study Area Office Space Demand	6
Figures 6 & 7: Office Space Class and Vacancy Rate Charts	6
APPENDIX	
Workplace and Employment Summary	9
Market Profile Table	10

### **GIBBS**



### Office Market Analysis: Volcano Heights Study Area

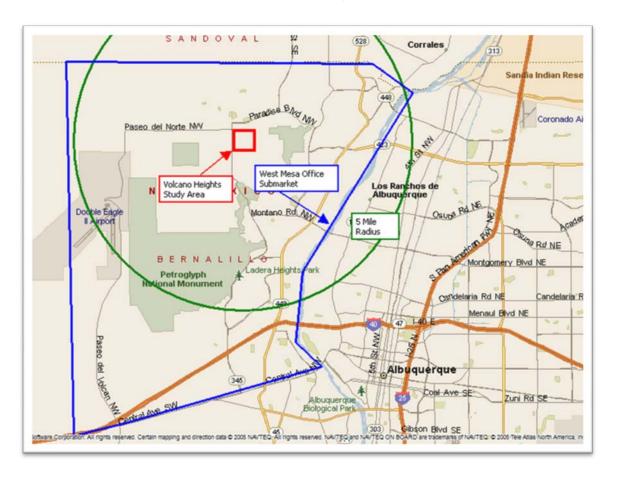


Figure 1: The West Mesa Office Submarket stretches from the Sandoval County line north of the subject site, south to Central Avenue.

### **Executive Summary**

This study is based on approximately 130 acres proposed for commercial activity within the 'Town Center' Zone of the 2010 Volcano Heights Sector Development Plan. This study finds that the Volcano Heights study area can support 305,000 square feet of new office development by 2015. Gibbs Planning Group, Inc. (GPG) makes this projection on a stabilized vacancy factor of 12.5 percent (current vacancy rate 13.35 percent), and an annualized employment growth rate of 7.94 percent over the next five years. The exceptional growth rate is heavily influenced by significant residential demand projected in the Volcano Heights Sector Development Plan (SDP). With full build-out, the additional segments of the 570-acre Volcano Heights area could conceivably add 100,000 square feet of office space.

The office space expansion is necessary for projected job growth in the Education & Health Services, Retail Trade, and Government sectors.



### Volcano Mesa Area

A major contributor to office space growth in the study area is the planned build-out of the Volcano Mesa Area, ultimately generating an additional 100K of office space. The total Volcano Mesa Area contains 3,555 acres, generating up to 12,000 new residential dwelling units (or 12,000 new households), and 30,000 new residents. The Sector Plan estimates that sustainable growth requires 1.25 jobs per new household, necessitating 15,000 new jobs at build-out. Albuquerque's annual projected growth is 5,500 households per year, of which up to 60 percent can be captured by new development in the Volcano Mesa area, resulting in 3,300 new households annually.

### **Greater Albuquerque Office Market**

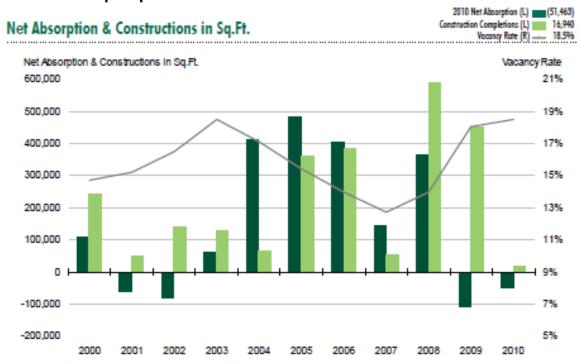


Figure 2: Greater Albuquerque vacancy rate and absorption. (Source: CB Richard Ellis, Inc.)

The Albuquerque office market ended the fourth quarter of 2010 with a vacancy rate of 18.5 percent. Net absorption totaled negative 4,800 square feet from October to December 2010, and year to date absorption is also negative at 51,500 square feet. Available sublease space declined during this period to 76,200 square feet, of which 73,600 square feet is located in the suburban Albuquerque market. Median asking rent finished at \$15.50, a small 2.8 percent decrease from \$15.95 at the beginning of the year.



The Greater Albuquerque Office Market is composed of 13,310,000 square feet of space. The Class A sector consists of 1,443,000 square feet. Class B space totals 6,592,000 square feet, and 5,275,000 square feet of Class C space.

Albuquerque Class A space began the year at a 16.23 percent vacancy level. It has steadily climbed during the year to a level of 20.4 percent. Vacancy levels in Class B space began the year at 18.8 percent, and fell back to 17.4 percent the end of the fourth quarter. Class C space climbed gradually from a level of 17.5 percent to an end of year level of 19.3 percent. The best performing submarkets are Rio Rancho (7.1 percent vacancy rate), West Mesa (13.4 percent), and Mesa del Sol (15.4 percent). The highest vacancy rate areas are the Northeast Heights (26.0 percent), University (24.7 percent) and Downtown (20.1 percent).

Four of the eleven Albuquerque office submarkets experienced positive absorption during 2010, six experienced negative absorption, and one was unchanged from the 4<sup>th</sup> quarter of the previous year. The top performing districts were Southeast Heights (+57,000 square feet), University (+25,700), and Rio Rancho (+24,400). The areas of greatest negative absorption are North I-25 (-48,400), Uptown (-44,500), and Downtown (-32,000).

		Total			onstruction (			Median Asko \$/SF/YR Full	
Submarket	Building SF	Vacancy Rate	Curr Qtr SF	YTD SF	Curr Qtr SF	YTD SF	Under Construction	Class A	Class B
Airport	967,447	15.9%	12,409	(29,832)	0	0	0		\$15.00
Downtown	2,788,047	20.1%	(8,879)	(31,985)	0	0	0	\$21.88	\$16.38
Far NE Heights	1,104,185	15.8%	(4,792)	16,229	0	0	0		\$17.00
Mesa del Sol	271,052	15.4%	0	0	0	0	0	\$23.00	
NE Heights	786,042	26.0%	270	(15,753)	0	0	0		\$21.00
North I-25	3,062,144	18.7%	(21,883)	(48,426)	0	0	0	\$22.50	\$20.38
Rio Rancho	567,075	7.1%	24,867	24,356	14,288	14,288	0		\$15.75
SE Heights	842,755	19.2%	1,149	57,067	0	0	0		\$20.00
University	607,453	24.7%	0	25,662	0	0	0		\$15.74
Uptown	1,738,983	18.6%	(9,360)	(44,489)	2,652	2,652	0	\$20.69	\$18.50
West Mesa	575,069	13.4%	1,446	(4,292)	0	0	0		\$21.50
Market Total	13,310,252	18.5%	(4,773)	(51,463)	16,940	16,940	0	\$22.00	\$17.50

Figure 3: Almost 17,000 sf of office space was delivered to the Albuquerque market in 2010. There is no new space under construction at this time. (Source: CB Richard Ellis, Inc.)

New office space coming into the market is near 30-year lows in 2010. In 2010 there were only two new office projects delivered to the market. The projects totaled 16,900 square feet (14,200 square feet in the Rio Rancho submarket, and a 2,600 square feet tenant expansion in the Uptown submarket), with 0 private sector square feet under construction at the end of December 2010 (there is a 98,000 square foot US Forest Service building under construction).



Along with absorption and new office space delivery to market, the sublet market is the third component of the vacancy rate. It consists of office space offered for lease back to the market by an original tenant with the lease obligation. The amount of sublease office space in the Albuquerque marketplace peaked in 2009. At the end of 2010, the sublet market declined to 76,200 square feet, a reduction of almost 50 percent from the peak. Unfortunately, most of the decrease is accounted for by leases expiring and the property reverting to the landlord and remaining vacant. Class A office space makes up fewer than 10 percent of the available sublet space (7,300 square feet). Class B sublet space comprises 85 percent of the sublet market (65,200 square feet). Class C sublet space is only 5 percent at 3,600 square feet.



Figure 4: Median asking lease rates fell significantly after the 2008 financial crisis, but throughout 2010 have showed signs of recovery. (Source: CB Richard Ellis, Inc.)

### **West Mesa Office Trade Area Demographics**

The "West Mesa" office submarket is bound by the Rio Grande to the east, Central Avenue to the south, and the Bernalillo-Sandoval county line to the north. This office district contains 575,000 square feet of office space, 4.3 percent of the overall Albuquerque office market.

The population projections show expansion from 121,100 in 2010 to 139,600 in 2015, a 2.88 percent annual growth rate. In addition to this projection, the Volcano Heights Sector Plan allows for an additional potential 25,000 persons above the existing zoning. At a 60 percent capture rate of the overall annual Albuquerque projection of 5,500 residents, 3,300 persons or 1,270 households will be generated by the build-out of the Volcano Heights Sector Plan.



Households follow a similar pattern, increasing from 45,600 in 2010 to 58,100 in 2015 (4.97 percent annually). Household size will decline between 2010 and 2015 from 2.62 persons per household to 2.60. The median age of residents in the submarket will increase from 32.8 years old to 33.0 years old.

Currently, this office trade area has a median household income of \$64,000. This income will to grow to \$68,200 in 2015, a 3.90 percent annual rate. The per capita income is \$27,700, climbing to \$29,500 in 2015 (1.23 percent annually). Homeownership has fallen from a 2000 level of 69.5 percent to today's level of 67.9 percent, and will continue to fall to 67.5 percent in 2015.

## 2010 Employed Population 16+ by Occupation

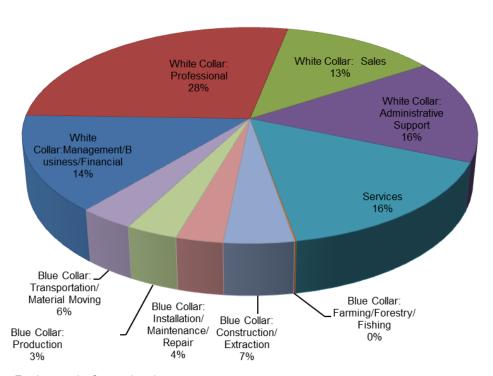


Figure 5: Employment by Occupation chart.

Employment by occupation amongst the population living in the West Mesa office submarket area is mostly white collar (70.3 percent), followed by service employment (15.8 percent), and blue collar (13.9 percent). The dominate industry providing employment to the residents of the submarket is the service industry, followed by retail trade, and Finance/Insurance/Real Estate. 42.4 percent of the



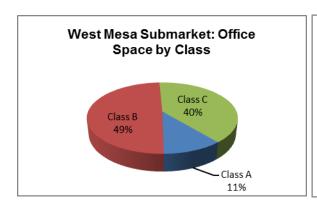
population obtained some form of college degree, while only 7.8 percent of the population did not complete high school.

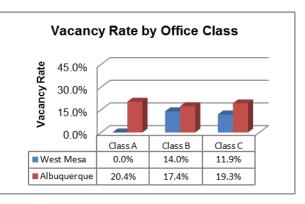
The current ethnicity of the office trade area is 66.1 percent White, 4.4 percent Black, 4.7 percent American Indian, and 47.7 percent Hispanic. In 2015, the ethnicity is expected to be: 64.5 percent White, 4.8 percent Black, 4.9 percent American Indian, and 49.4 percent Hispanic.

Sources for local and regional market information for this study include COSTAR Group, Inc., Grubb & Ellis/Coldstream Real Estate Advisors, Inc., NAI Global Commercial Real Estate Services, CB Richard Ellis, Claritas, and ESRI.

### **Volcano Heights Study Area Office Space Demand**

Demand for office space has two main components. The need for office space for local services such as dental, medical, legal, and financial services, and the need for office space for non-local services, such as management for regional and national companies. Office space demand driven by public sector employment is statistically limited because of the tendency of governmental entities to meet their work place needs on civic campuses. Satellite government offices, like those required by Department of Motor Vehicles, typically locate in convenient retail locations.





Figures 6 & 7: Office Space Class and Vacancy Rate charts.

Estimating office space gap (unmet need or over supply) is based on inventorying the existing office square footage in a market less the current vacancy rate, quantifying and disaggregating the base employment by category, determining the number of employees who require office space by employment category, then estimating the market specific existing office space (per square foot) per employee. This statistic is multiplied by the estimated job growth, which is a derivative of population growth driving the need for additional local services and businesses, to derive future office space demand. Demand for office space therefore has an indirect link to the population growth. The new demand created indirectly by population growth is then added to existing demand, adjusted by a



market specific Stabilized Vacancy Factor, and compared to the office space supply. New office supply consists of the former office space inventory plus the amount of new space delivered, less that which is functional obsolescence, adaptive reuse, or demolished, is the new office space supply.

For purposes of this study, the existing inventory of the West Mesa office submarket is 575,000 square feet, composed of 0 square feet of Class A space, 397,000 square feet of Class B space, and 177,800 square feet of Class C space. Gibbs Planning Group estimates that through 2015, 22,200 square feet (12.5 percent) of the Class C office space will become functionally obsolescent. The Stabilized Vacancy Factor for the office submarket is 12.25 percent. Based on the "WorkPlace & Employment Summary: West Mesa Submarket" to be issued in conjunction with this report, the total number of employees in this office submarket is 27,000, of which 5,400 are dedicated office employees. The 2010 office space required per dedicated office worker is 106 square feet per worker. This exceptionally low space per worker number is caused by an oversaturation of Retail employees found in the Cottonwood Regional Shopping concentration and the retail centers along Coors Boulevard.

The 2015 Total Office Space Market Demand for this office submarket is 932,000 square feet, based on an annualized employment growth rate of 13.35 percent for the West Mesa community. Adjusting for the stabilized vacancy factor generates a total demand of 1,062,000 square feet. The total 2015 office space gap projected for the West Mesa submarket is 509,000 square feet of unmet demand. Although the study area contains the Volcano study area, and has a preferred access to the Volcano Cliffs, Volcano Trails, and Quail Ranch developments, it does not have an overwhelmingly dominant position in the greater Albuquerque trade area. With full build-out, the additional segments of the 570-acre Volcano Heights area could conceivably add 100,000 square feet of office space.



### GPG finds that by 2015, an additional 305,700 square feet of office space is supportable in the Volcano Heights Study Area.

For the purposes of this study, GPG has assumed the following:

- The region's economy will stabilize at normal or above normal ranges of employment growth, inflation, and household formation.
- Employment distribution is to remain constant, without a spike or decline in employment by NAICS category.
- Office space required as an ancillary need to a main business function is not included in the office space inventory made for this study, nor are the employees who work in that space included in the count of employees who require dedicated office space. The main factor in this assumption is that the ancillary office space is often a part of the premises where the primary business operation occurs, such as Agriculture & Mining, Manufacturing, Wholesale Trade, and Retail Trade business.
- No major office projects will be developed within the submarket during the next five years.
- Projected lease and vacancy rates model is based on our proprietary econometric model of the relationship between changes in employment and changes in vacancy and lease rates. Data has been gathered from US Census Bureau, Experian, ESRI, COSTAR Group, Inc., CB Richard Ellis Inc., LOOPNET, and local brokerage services.

- END OF REPORT -

WorkPlace & Employment Summary				
West Mesa Office Submarket, Albuquerque, New Mexico	Prepared by Gibbs Planning Group			
Total Businesses:	2,997			
Total Employees:	26,954			
Total Residential Population:	121,145			
Employee/Residential Population Ratio: 0.22				

	BUSINESSES		EMPLO	YEES
	Number	Percent	Number	Percent
Agriculture & Mining	57	1.9%	156	0.6%
Construction	286	9.5%	918	3.4%
Manufacturing	46	1.5%	1,066	4.0%
Transportation	80	2.7%	1,121	4.2%
Communication	28	0.9%	129	0.5%
Electric, Gas, Water, Sanitary Services	11	0.4%	40	0.1%
Wholesale Trade	80	2.7%	693	2.6%
Retail Trade Summary	728	24.3%	11,923	44.2%
Home Improvement	30	1.0%	890	3.3%
General Merchandise Stores	32	1.1%	2,058	7.6%
Food Stores	59	2.0%	913	3.4%
Auto Dealers, Gas Stations, Auto Aftermarket	80	2.7%	1,653	6.1%
Apparel & Accessory Stores	76	2.5%	598	2.2%
Furniture & Home Furnishings	59	2.0%	297	1.1%
Eating & Drinking Places	189	6.3%	4,359	16.2%
Miscellaneous Retail	203	6.8%	1,155	4.3%
Finance, Insurance, Real Estate Summary	338	11.3%	1,207	4.5%
Banks, Savings & Lending Institutions	81	2.7%	294	1.1%
Securities Brokers	19	0.6%	42	0.2%
Insurance Carriers & Agents	70	2.3%	184	0.7%
Real Estate, Holding, Other Investment Offices	168	5.6%	687	2.5%
Services Summary	1,253	41.8%	9,414	34.9%
Hotels & Lodging	18	0.6%	193	0.7%
Automotive Services	61	2.0%	604	2.2%
Motion Pictures & Amusements	105	3.5%	22	0.1%
Health Services	121	4.0%	1,467	5.4%
Legal Services	15	0.5%	793	3.0%
Education Institutions & Libraries	67	2.2%	2,556	9.5%
Other Services	866	28.9%	3,779	14.0%
Government	29	1.0%	275	1.0%
Other	63	2.1%	10	0.0%
Totals	2,999		26,952	

### MARKET PROFILE TABLE

### Volcona Heights Town Center Office Study

2000 Total Population

2010 Total Population

2015 Total Population

2000 Group Quarters

2010 - 2015 Annual Rate

### Prepared by

### Gibbs Planning Group, Inc.

80,440

121,145

139,624

2.88%

29,574

45,611

53,016

3.05%

21,369

31,472

36,037

2.75%

31,301

69.5%

24.9%

5.6%

48,186

67.9%

26.8%

56,240

67.5%

26.8%

5.7%

5.3%

2.67

2.62

2.60

3.12

3.12

3.12

1,447









2010 Families 2010 Average Family Size 2015 Families

2015 Average Family Size 2010 - 2015 Annual Rate

**2000 Housing Units**Owner Occupied Housing Units

Renter Occupied Housing Units
Vacant Housing Units
2010 Housing Units
Owner Occupied Housing Units
Renter Occupied Housing Units

Vacant Housing Units

2015 Housing Units
Owner Occupied Housing Units
Renter Occupied Housing Units
Vacant Housing Units

Median Household Income

 2000
 \$49,975

 2010
 \$64,051

 2015
 \$68,233

Median Home Value

 2000
 \$133,537

 2010
 \$209,567

 2015
 \$253,708

Per Capita Income

 2000
 \$21,515

 2010
 \$27,745

 2015
 \$29,491

Median Age

 2000
 31.7

 2010
 32.8

 2015
 33.0

**Data Note:** Persons in families include the householder and persons related to the householder by birth, marriage, or adoption. Per Capita Income represents the income received by all persons aged 15 years and over divided by total population.

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.



2000 Households by Income		
Household Income Base	29,548	
< \$15,000	8.6%	
\$15,000 - \$24,999	9.8%	
\$25,000 - \$34,999	11.8%	
\$35,000 - \$49,999	19.7%	
\$50,000 - \$74,999	25.0%	
\$75,000 - \$99,999	14.3%	
\$100,000 - \$149,999 \$450,000 - \$140,000	8.3%	
\$150,000 - \$199,999 \$300,000 +	1.2%	
\$200,000 + Average Household Income	1.2% \$57,798	
Average Household Income	φ37,790	
2010 Households by Income		
Household Income Base	45,610	
< \$15,000	4.9%	
\$15,000 - \$24,999	5.8%	
\$25,000 - \$34,999	6.9%	
\$35,000 - \$49,999	17.3%	
\$50,000 - \$74,999	25.0%	
\$75,000 - \$99,999	21.2%	
\$100,000 - \$149,999	14.5%	
\$150,000 - \$199,999	2.6%	
\$200,000 +	1.8%	
Average Household Income	\$73,162	
2045 Have shalds by because		
2015 Households by Income Household Income Base	E2 01E	
	53,015 4.5%	
< \$15,000 \$15,000 \$24,000	4.6%	
\$15,000 - \$24,999 \$25,000 - \$34,999	6.0%	
\$35,000 - \$34,999 \$35,000 - \$49,999	12.7%	
\$50,000 - \$74,999	29.6%	
\$75,000 - \$99,999	22.4%	
\$100,000 - \$149,999	15.3%	
\$150,000 - \$199,999	2.9%	
\$200,000 +	2.0%	
Average Household Income	\$77,150	
7. Volugo Flodochola Income	ψ77,100	
2000 Owner Occupied Housing Units by Value		
Total	21,763	
< \$50,000	1.2%	
\$50,000 - \$99,999	16.1%	
\$100,000 - \$149,999	50.0%	
\$150,000 - \$199,999	21.8%	
\$200,000 - \$299,999	9.5%	
\$300,000 - \$499,999	1.1%	
\$500,000 - \$999,999	0.3%	
\$1,000,000+	0.0%	
Average Home Value	\$143,737	
2000 Specified Renter Occ. Housing Units by Co	ontract Rent	
Total	7,826	
With Cash Rent	96.7%	
No Cash Rent	3.3%	
Median Rent	\$610	
	T	

**Data Note:** Income represents the preceding year, expressed in current dollars. Household income includes wage and salary earnings, interest, dividends, net rents, pensions, SSI and welfare payments, child support and alimony.

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.

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Average Rent

\$621



2000 Population by Age	
Total	80,441
Age 0 - 4	8.8%
Age 5 - 9	8.2%
Age 10 - 14	7.6%
Age 15 - 19	6.8%
Age 20 - 24	6.9%
Age 25 - 34	17.7%
Age 35 - 44	18.2%
Age 45 - 54	12.9%
Age 55 - 64	6.4%
Age 65 - 74	3.9%
Age 75 - 84	2.0%
Age 85+	0.6%
Age 18+	71.3%
2010 Population by Age	
Total	121,144
Age 0 - 4	8.9%
Age 5 - 9	8.3%
Age 10 - 14	7.7%
Age 15 - 19	6.6%
Age 13 - 13 Age 20 - 24	6.2%
•	15.9%
Age 25 - 34	16.4%
Age 35 - 44	
Age 45 - 54	13.9%
Age 55 - 64	9.2%
Age 65 - 74	4.2%
Age 75 - 84	2.1%
Age 85+	0.7%
Age 18+	71.1%
2015 Population by Age	
Total	139,626
Age 0 - 4	8.8%
Age 5 - 9	8.4%
Age 10 - 14	7.9%
Age 15 - 19	6.7%
Age 20 - 24	6.2%
Age 25 - 34	15.2%
Age 35 - 44	15.8%
Age 45 - 54	13.2%
Age 55 - 64	9.7%
Age 65 - 74	5.3%
Age 75 - 84	2.1%
Age 85+	0.7%
Age 18+	70.8%
2000 Population by Sex	
Males	48.7%
Females	51.3%
2010 Population by Sex	
Males	48.7%
Females	51.3%
2015 Population by Sex	31.070
Males	48.6%
Females	51.4%
. omaroo	J1. <del>T</del> /0

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.



2000 Population by Race/Ethnicity	
Total	80,441
White Alone	69.8%
Black Alone	3.2%
American Indian Alone	4.0%
Asian or Pacific Islander Alone	1.5%
Some Other Race Alone	17.1%
Two or More Races	4.4%
Hispanic Origin	45.3%
Diversity Index	75.3
2010 Population by Race/Ethnicity	
Total	121,144
White Alone	66.1%
Black Alone	4.4%
American Indian Alone	4.7%
Asian or Pacific Islander Alone	1.9%
Some Other Race Alone	17.8%
Two or More Races	5.1%
Hispanic Origin	47.7%
Diversity Index	77.9
2015 Population by Race/Ethnicity	
Total	139,624
White Alone	64.5%
Black Alone	4.8%
American Indian Alone	4.9%
Asian or Pacific Islander Alone	2.0%
Some Other Race Alone	18.4%
Two or More Races	5.4%
Hispanic Origin	49.4%
Diversity Index	79.0



### 2000 Population 3+ by School Enrollment

Total	76,086
Enrolled in Nursery/Preschool	2.3%
Enrolled in Kindergarten	1.7%
Enrolled in Grade 1-8	12.8%
Enrolled in Grade 9-12	5.7%
Enrolled in College	6.7%
Enrolled in Grad/Prof School	1.5%
Not Enrolled in School	69.3%

### 2010 Population 25+ by Educational Attainment

Total	75,531
Less than 9th Grade	2.5%
9th - 12th Grade, No Diploma	5.3%
High School Graduate	24.2%
Some College, No Degree	25.6%
Associate Degree	9.7%
Bachelor's Degree	20.5%
Graduate/Professional Degree	12.2%

**Data Note**: Persons of Hispanic Origin may be of any race. The Diversity Index measures the probability that two people from the same area will be from different race/ethnic groups.

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.



# 2010 Population 15+ by Marital Status Total 91,033 Never Married 31.4% Married 51.9% Widowed 2.9% Divorced 13.8%

2000 Population 16+ by Employment Status	
Total	59,734
In Labor Force	73.3%
Civilian Employed	69.0%
Civilian Unemployed	3.5%
In Armed Forces	0.8%
Not in Labor Force	26.7%



2010 Civilian Population 16+ in Labor Force	
Civilian Employed	92.0%
Civilian Unemployed	8.0%

2015 Civilian Population 16+ in Labor Force	
Civilian Employed	92.7%
Civilian Unemployed	7.3%

#### 2000 Females 16+ by Employment Status and Age of Children 30,984 Own Children < 6 Only 10.9% Employed/in Armed Forces 6.8% Unemployed 0.2% Not in Labor Force 3.9% Own Children <6 and 6-17 8.0% Employed/in Armed Forces 5.1% Unemployed 0.3% Not in Labor Force 2.6% Own Children 6-17 Only 19.3%

Employed/in Armod Forese	44.70/
Employed/in Armed Forces	14.7%
Unemployed	0.3%
Not in Labor Force	4.2%
No Own Children <18	61.8%
Employed/in Armed Forces	38.6%
Unemployed	2.2%
Not in Labor Force	20.9%

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.



#### 2010 Employed Population 16+ by Industry Total 55,859 Agriculture/Mining 0.2% Construction 6.2% Manufacturing 5.4% 3.2% Wholesale Trade Retail Trade 11.2% Transportation/Utilities 4.1% Information 3.1% Finance/Insurance/Real Estate 7.3% Services 51.8% **Public Administration** 7.5% 2010 Employed Population 16+ by Occupation Total 55,860 White Collar 70.3% Management/Business/Financial 14.4% Professional 27.6% Sales 12.7%

15.6%

15.8%

13.9%

0.1%

Administrative Support

Farming/Forestry/Fishing

Services

Blue Collar



r arming/r orestry/r isriing	0.170
Construction/Extraction	4.3%
Installation/Maintenance/Repair	2.9%
Production	3.2%
Transportation/Material Moving	3.4%
2000 Workers 16+ by Means of Transportation to Work	
Total	41,140
Drove Alone - Car, Truck, or Van	82.4%
Carpooled - Car, Truck, or Van	12.0%
Public Transportation	0.7%
Walked	0.8%
Other Means	0.9%
Worked at Home	3.3%
2000 Workers 16+ by Travel Time to Work	
Total	41,142
Did not Work at Home	96.7%
Less than 5 minutes	2.1%
5 to 9 minutes	6.0%
10 to 19 minutes	29.5%
20 to 24 minutes	23.2%
25 to 34 minutes	25.0%
35 to 44 minutes	3.8%
45 to 59 minutes	3.6%
60 to 89 minutes	2.1%
90 or more minutes	1.5%
Worked at Home	3.3%
Average Travel Time to Work (in min)	23.2
2000 Households by Vehicles Available	
Total	29,586
None	2.8%
1	32.7%
2	45.4%
3	14.2%
4	3.9%
5+	0.9%
Average Number of Vehicles Available	1.9

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.



2000 Households by Type		
Total	29,576	
Family Households	72.3%	
Married-couple Family	55.3%	
With Related Children	30.3%	
Other Family (No Spouse)	17.0%	
With Related Children	12.4%	
Nonfamily Households	27.7%	
Householder Living Alone	20.8%	
Householder Not Living Alone	7.0%	
Households with Related Children	42.7%	
Households with Persons 65+	12.2%	
2000 Households by Size		
Total	29,574	
1 Person Household	20.8%	
2 Person Household	33.2%	
3 Person Household	19.3%	
4 Person Household	16.7%	
5 Person Household	6.8%	
6 Person Household	2.2%	
7+ Person Household	1.0%	
2000 Households by Year Householder Moved		
Total	29,587	
Moved in 1999 to March 2000	28.3%	
Moved in 1995 to 1998	38.4%	
Moved in 1990 to 1994	15.5%	
Moved in 1980 to 1989	10.8%	
Moved in 1970 to 1979	4.7%	
Moved in 1969 or Earlier	2.3%	
Median Year Householder Moved In	1997	
2000 Housing Units by Units in Structure		
Total A. Datashad	31,339	
1, Detached	70.7%	
1, Attached	8.1%	
2	0.5%	
3 or 4	2.6%	
5 to 9	5.1%	
10 to 19	4.3%	
20+	7.4%	
Mobile Home	1.3%	
Other	0.0%	
2000 Housing Units by Year Structure Built	04.007	
Total	31,327	
1999 to March 2000	8.0%	
1995 to 1998	30.4%	
1990 to 1994	15.5%	
1980 to 1989	24.3%	

Source: U.S. Bureau of the Census, 2000 Census of Population and Housing.

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1970 to 1979

1969 or Earlier

Median Year Structure Built

12.9%

8.8%

1991

### **Top 3 Tapestry Segments**

- 1. Up and Coming Families
- 2. Enterprising Professionals
- 3. Inner City Tenants



2010 Consumer Spending shows the amount spent on a variety of goods and services by households that reside in the market area. Expenditures are shown by broad budget categories that are not mutually exclusive. Consumer spending does not equal business revenue.

Apparel & Services: Total \$	\$81,331,074
Average Spent	\$1,783.15
Spending Potential Index	74
Computers & Accessories: Total \$	\$10,935,516
Average Spent	\$239.76
Spending Potential Index	109
Education: Total \$	\$59,192,386
Average Spent	\$1,297.77
Spending Potential Index	106
Entertainment/Recreation: Total \$	\$156,967,446
Average Spent	\$3,441.44
Spending Potential Index	107
Food at Home: Total \$	\$208,668,060
Average Spent	\$4,574.95
Spending Potential Index	102
Food Away from Home: Total \$	\$156,470,680
Average Spent	\$3,430.55
Spending Potential Index	107
Health Care: Total \$	\$164,558,036
Average Spent	\$3,607.86
Spending Potential Index	97
Household Furnishings & Equip: Total \$	\$87,992,665
Average Spent	\$1,929.20
Spending Potential Index	94
Investments: Total \$	\$72,269,598
Average Spent	\$1,584.48
Spending Potential Index	91
Retail Goods: Total \$	\$1,134,456,002
Average Spent	\$24,872.42
Spending Potential Index	100
Shelter: Total \$	\$778,574,103
Average Spent	\$17,069.88
Spending Potential Index	108
TV/Video/Audio: Total \$	\$59,002,096
Average Spent	\$1,293.59
Spending Potential Index	104
Travel: Total \$	\$91,242,677
Average Spent	\$2,000.45
Spending Potential Index	106
Vehicle Maintenance & Repairs: Total \$	\$44,949,679
Average Spent	\$985.50
Spending Potential Index	105

**Data Note:** The Spending Potential Index represents the amount spent in the area relative to a national average of 100.

Source: Expenditure data are derived from the 2005 and 2006 Consumer Expenditure Surveys,
Bureau of Labor Statistics.