

Immigrant Homebuyers in Lawrence and Lowell, Massachusetts:

in Lawrence and Lowell, Massachusetts: Keys to the Revitalization of the Cities



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About The Immigrant Learning Center, Inc. (ILC) And The ILC Public Education Program

The ILC is a not-for-profit adult learning center located in Malden, Massachusetts. Founded in 1992, the mission of The ILC is to provide foreign-born adults with the English proficiency necessary to lead productive lives in the United States. As a way of continuing to help ILC students become successful workers, parents and community members, the school expanded its mission to include promoting immigrants as assets to America. This expanded mission is known as the Public Education Program.

The Public Education Program has four major initiatives to support the goal of promoting immigrants as contributors to America's economic, social and cultural vibrancy.

- Business Sector Studies to examine the impact of immigrants as entrepreneurs, customers and workers. The *Immigrant Entrepreneurs and Neighborhood Revitalization* study is the first of the studies. Another study examines *Immigrants as Homebuyers*.
- Professional Development for K-12 teachers on teaching immigration across the curriculum.
- Newspaper series featuring contemporary immigrant stories and accurate facts and statistics.
- The Immigrant Theater Group

The Public Education Program is under the direction of Marcia Drew Hohn who holds a doctorate in Human and Organizational Systems and has over 20 years of experience in adult learning and systems development. Dr. Hohn has published extensively about organizational systems in adult basic education and developing health literacy among low-literate populations.

The Immigrant Learning Center, Inc.

442 Main Street Malden, MA 02148 Phone: 781-322-9777 Fax: 781-321-1963

www.ilctr.org

Immigrant Homebuyers

in Lawrence and Lowell, Massachusetts: Keys to the Revitalization of the Cities

Prepared for The Immigrant Learning Center, Inc.

By

Jorge Santiago, PhD, Principle Investigator and Author, Northern Essex Community College James Jennings, PhD, Senior Researcher, Tufts University Luz Carrion, Esq., Research Associate

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Preface

In 2003, The Immigrant Learning Center, Inc. (ILC) launched a public education initiative to raise the visibility of immigrants as assets to America. Spurred by certain anti-immigrant sentiments that were increasingly voiced since September 11, The ILC set forth to credibly document current economic and social contributions of immigrants.

Central to this effort are ILC-sponsored research studies about immigrants as entrepreneurs, customers and workers. To provide thoughtful and substantive evidence that immigrants are vital contributors to our nation, The ILC commissioned university researchers to examine immigrants' contributions in their various roles and to present those contributions within the larger economic and social frameworks. The research approach included interviewing immigrants and community informants as well as investigating relevant statistical data.

The first study, "Immigrant Entrepreneurs and Neighborhood Revitalization: A Study of Three Boston Neighborhoods", was carried out by two research teams from the University of Massachusetts at Boston. The second study, "Immigrant Homebuyers in Lawrence and Lowell: Keys to the Revitalization of the Cities", is featured here. This study was carried out by Jorge Santiago of Northern Essex Community College in collaboration with James Jennings of Tufts University, both well-known researchers in urban studies.

The two studies have mutually reinforcing commonalities. Both studies highlight unnoticed contributions of immigrants to the economic development of communities. The studies show that immigrant entrepreneurs and immigrant homebuyers are often the same people, people who provide dual investments in their communities. It is important that these studies captured immigrant voices and, thereby, provide a model for inclusion of immigrant communities in the research process and in civic conversations.

The ILC hopes that these studies will raise the visibility of immigrants as contributors to our nation's economic and social development as well as provide data and insight to inform policy, promote thoughtful dialogue about key roles played by immigrants in Massachusetts communities and highlight the need to involve immigrant communities in broader economic and social discussions.

Diane Portnoy, Co-Founder and Director The Immigrant Learning Center, Inc.

Marcia Drew Hohn, EdD, Director of Public Education The Immigrant Learning Center, Inc.

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Research Team Members

Luz A. Carrion, Esq. is currently a law clerk for the Massachusetts Juvenile Court. She earned her law degree from New England School of Law and has been involved in many community projects throughout the Merrimack Valley. She has published in the field of law concerning issues of juvenile justice and education and has been involved in several research projects.

James Jennings, PhD is a Professor of Urban and Environmental Policy and Planning at Tufts University and teaches courses on community development, social policy, and urban politics. He has provided technical assistance to many grass roots organizations and foundations involved in the area of community development. He has also conducted research about Lawrence's Latino business community.

Vivian Pazmino is currently an administrator for The Hispanic Office of Planning and Evaluation, Inc. (HOPE) in Lawrence. Her work involves much community involvement and local economic issues. She has many years of experience working with community-based organizations. She has provided assistance with data collection and survey implementation for a number of local studies.

Perla Roberts works with the Greater Lawrence Community Health Center. She has been involved in several key urban revitalization initiatives within the city. She has a background in urban politics and community development. She has a long history in community work and has been retained for assistance in other studies in the area of community development.

Jorge Santiago, PhD is an Associate Professor at Northern Essex Community College at both the Haverhill and Lawrence campuses. As director of the College's Institute for Community and Workforce Development, he has been involved with several studies and programmatic initiatives. He teaches in the areas of sociology and social welfare and has focused his research activities on the immigrant communities of the Merrimack Valley. He directed a Latino human services organization in Lawrence for many years prior to joining the faculty of Northern Essex Community College.

Bunroen Thach, PhD has had multiple experiences working in community settings including research, community development and social services. He held various government positions in his native home of Cambodia prior to coming to the United States. He is well known within the Cambodian community of Lowell as a leader participating in various research and economic development initiatives.

Acknowledgements

The research team wishes to thank the dozens of individuals who gave of their time and personal experiences to make this report possible. All involved had one purpose in doing the work, in opening their lives, and in expressing their thoughts. That purpose was to present both a snapshot of the immigrants' experiences in the homebuying process and highlight the many contributions this has brought their community. During the process of conducting this research and in presenting its findings, we were able to de-bunk some myths about the most recent arrivals to our communities as well as display the real and potential contributions of these new homeowners.

We also want to thank The ILC and its co-founder and director, Diane Portnoy, who had the vision to initiate this project, to see its importance, and to raise and provide the resources to do the research. And thanks go to Dr. Marcia Drew Hohn, Director of Public Education at The ILC, who facilitated the relationship between the research team and The ILC and provided oversight of the research process.

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Introduction

This report describes the homebuying experience of immigrants in Lawrence and Lowell, Massachusetts, and how it contributes to their lives and the life of the cities. It describes a familiar story about coming to America, working hard and successfully transitioning into the American mainstream. Central to this story is purchasing a home. It symbolizes that one has "made it" in America and has joined the ranks of the American mainstream.

Homeownership provides wealth to individuals and families. As a key financial resource, owning a home provides opportunities in securing the "good life" including education, business, training, health, and comfort. As such, successive waves of immigrants in local communities have regarded the eventual acquisition of their first home as a major goal. In so doing, large segments of immigrants have "morphed" from renters to homeowners. In such instances we often witness the transitioning of a poor community to one that is working-class emerging to a middle-class. This report is an in-depth description of such a metamorphous among immigrants in Lawrence and Lowell.

Unlike European ethnic immigrants of the past, recent newcomers have been of color, mostly from the Caribbean, Central and Latin America, Southeast Asia, and Africa. In cities like Lawrence and Lowell, these newly arrived immigrants have initially found it difficult to reach the milestone of homeownership. The high cost of homeownership, the complexity of buying a home, a lack of credit history and the difficulty of obtaining a mortgage have kept property ownership merely a dream for many recently arrived immigrants. In recent years, however, the convergence of various economic and social factors has opened the door for a sizeable number of immigrant individuals and families to purchase property. This, in turn, is spurring a degree of economic revival for the communities.

While the research highlights continued problems with immigrant experiences associated with homeownership, the study also reveals important contributions that immigrants, such as Lawrence's Latino immigrant population, have made to the growth and economic health of cities. The lack of information and data about the attainment of homeownership and related contributions has sustained myths and stereotypes about immigrants often obscuring their major economic roles in communities.

Research Design and Organization

The study is based on in-depth interviews (45-60 minutes in length). In Lawrence, interviews were held with 30 Latino homebuyers, primarily Dominican, and 12 knowledgeable community informants from the many layers of the local housing industry, e.g., mortgage companies, real estate agents, bankers, and administrators of first-time homebuyer programs. In Lowell, interviews were held with 32 Latino and Southeast Asian homebuyers and 12 community informants. Community informants were identified with the help of local newspapers where lending and real estate organizations advertise specifically to immigrant communities. Recent immigrant homebuyers (hereafter referred to as respondents) were identified with the help of staff at first-time homebuyer programs, community-based economic development organizations, realtors, and lending institutions. The respondents are primarily first- and second-generation immigrants. Although Puerto Ricans are not immigrants but citizens of the United States, the research team decided to include a small number from this group in the interviews. Interviews took place in a number of settings including the homes of respondents, offices, local coffee shops, and community- based agencies.

The research team conducted interviews between September 2004 and April 2005 and used two formal questionnaires (see Appendix A). When necessary the interviews were conducted in the language of the respondents in order to capture accurately the meaning of their responses. The research team coded and analyzed the information using the *Statistical Package for the Social Sciences* (SPSS), creating a database

capable of providing a wide array of statistical descriptions and cross tabulations for purposes of analysis. Data from the U.S. Census Bureau were used to provide a demographic context for the study. Information in the report is presented on the basis of census tracts in both cities.

In all, the methodology for this study contains elements of the "Rapid Appraisal" approach, often used in rural communities by anthropologists and sociologists (Dunn, 1994). In particular, it is a qualitative survey approach that captures a range of perspectives and recognizes the importance of local knowledge. While traditional quantitative methods are often time consuming, costly, and complicated, the approach taken in this study recognizes the richness and value of local knowledge and culture in a manner that is inexpensive and timely and which presents the findings in a simple fashion.

The report is divided into two major sections: Lawrence and Lowell. Each section contains a profile of a new and emerging middle-class using 1990 and 2000 census sample data files, presenting data at the census tract level (see Appendix B). This information is enriched with data collected from the 62 interviews of immigrant homebuyers in the two cities. The second part of each section is based on the findings provided by the survey of key community informants within the housing industry. Each section concludes with a summary of the study's findings in that particular city and offers policy implications for that city.

Summary of Major Findings

Between the fall of 2004 and the spring of 2005, immigrant homebuyers in the cities of Lawrence and Lowell were interviewed by a team of researchers. Researchers interviewed 30 immigrant homeowners in Lawrence and 32 in Lowell. Twelve representatives of the housing and community sectors in each city were also interviewed.

The researchers collected data in order to determine economic and social characteristics of recent immigrant homeowners within these communities as well as to begin a process for assessing their homebuying experiences. The research team and The ILC were also interested in determining the contributions of the immigrant homebuying population to these cities. In addition to analyzing responses from interviews, the researchers also attended meetings involving homeownership issues and utilized census data to describe the social and demographic context in which homebuying occurs.

Major Findings

The New Homeowners: Immigration is saving both cities in significant ways. If not for immigration, the population growth of both cities over the last decade would be stagnant. In both cities, homebuying by immigrant families is becoming a key and noticeable economic activity. Homebuying among immigrants increased significantly between 1990 and 2000. In Lawrence, Latino immigrant owner-occupied housing increased by 166 percent. In Lowell, the rate increase was slightly over 160 percent among Southeast Asians and 82 percent among Latinos. These increases suggest that the housing industry in these places is being fueled by the growth in immigration.

 Census data illuminate some important characteristics of immigrant homebuyers in these cities. Some highlights in Lawrence include a 164 percent increase of Latinos with bachelors degrees and a 420 percent increase of Latinos with graduate/professional degrees.

- In Lowell, there was a 177 percent increase among Southeast Asians with bachelor's degrees and a 77 percent increase in those with graduate or professional degrees.
- Household incomes of \$100,000 or more increased significantly among Latinos in Lawrence. This was also the case for Southeast Asians in Lowell.

This data suggest that both cities are experiencing the birth of a new middle-class that is primarily composed of immigrants.

The research team asked the respondents to describe the type of property they owned and how many people lived in them. The data show that for Lawrence, most homebuyers in the interview sample purchased triple deckers. In Lowell, most reported that they purchased a single-family home. The number of people living in these properties showed that high density is not an issue. For example, in Lawrence, 40 percent reported three-to-five individuals living in various properties including two-family and triple-decker homes. Another 37 percent reported six-to-ten individuals but only in two-family or triple-decker homes. For Lowell, 50 percent of the immigrant families who purchased a single-family home noted 3-to-5 people lived there, while another 50 percent said anywhere from 6-to-10 individuals. In this latter case, extended families (a cultural factor) in all probability accounts for the increased number of people within single-family homes.

Other findings show the reasons why new homeowners purchased property where they did; how much they paid; and how they paid.

- When asked why they purchased in the particular neighborhood of their respective city, Lawrence homebuyers reported "Affordability" in 50 percent of cases; in Lowell, the major reason was "Affordability and Family".
- Almost 70 percent of those interviewed in Lawrence said they paid \$151,000 to \$300,000. In Lowell, close to 90 percent said they also paid from \$151,000 to \$300,000.
- Significant amounts of down payments were placed for their homes. In Lawrence, 47 percent surveyed said they paid from \$5,001 to \$10,000 or more. In Lowell, over 60 percent paid \$5,001 to \$10,000.
- The method of paying down payments and closing costs varied with the majority in Lawrence stating savings as the primary source. However, in Lowell, the majority noted that they financed these costs through the help of a social or government program for first-time homebuyers.
- Spending for repairs was sizeable. Respondents were asked how much they spent in repairs prior to moving into their home. In Lawrence, 40 percent said they spent \$1,000 to \$5,000; 10 percent spent \$5000 to \$10,000; and 13 percent spent more than\$10,000. In Lowell, 31 percent spent \$1,000 to \$5,000; 12 percent spent \$5000 to \$10,000; and close to 19 percent spent more than \$10,000.
- The research team probed further and asked where they purchased repair material as well as their appliances. In Lawrence, 73 percent said "Home Depot". In Lowell, 72 percent also noted "Home Depot". "Further questioning on who made their repairs indicated 30 percent in Lawrence and 25 percent in Lowell hired a professional, thus generating significant economic activity within the cities.

Purchasing a home is, in all probability, the most expensive item Americans will buy in their lifetime. It can be a frightening experience. For many, the process of purchasing a home can be burdensome causing fear and stress. For these reasons, respondents were asked a series of questions to piece together an overview of the purchasing experience. Among the most significant findings were:

- In most cases, those surveyed used a real estate agent. In Lowell, the instance was high with 79 percent reporting such use and somewhat lower in Lawrence at 57 percent.
- In most cases, respondents indicated they had "Some" knowledge in homebuying prior to purchasing their home.
- When asked to rate their overall property purchasing experience, most indicated it was good to very good. Lawrence homebuyers indicated a slightly higher degree of satisfaction than those in Lowell.

The Key Informants: As noted previously, a second set of interviews was held with professionals within the various layers of the housing industry to assist in understanding the experiences of immigrant homebuyers. The 24 respondents included real estate agents, mortgage lenders, and representatives from community-based programs for first-time homebuyers. The data show:

- A range of strategies are used by these businesses to attract and assist immigrant homebuyers. These efforts include education, training, and financing.
- In Lawrence, Latino clients represent 80
 percent or more of the business conducted by
 half of these organizations. Latino first-time
 homebuyers represent over 40 percent of
 business for lending institutions.

- In Lowell, Asian and Latino clients are a significantly lower percentage of business for the organizations overall, but first-time homebuyers are still a sizeable portion of business.
- Respondents identified major challenges for immigrants in purchasing homes. The most important factor identified was lack of credit history in the United States. Lawrence informants also identified not understanding the application process as an additional challenge.

Conclusion

While other studies have focused on the importance of immigrants as fuel for the current and future workforce needs of the Commonwealth, this report shows another facet of the importance of this sector. Immigrants not only represent an important component of the workforce, but they are emerging as the economic engine in both cities. The data from this report encourage treating the growing immigrant communities in both cities as a new and important economic resource.

In buying homes, new homeowners are making a decision to stay in the city rather than fleeing it. They are putting their stakes in the ground. This means that they are increasing income in the city and will be making contributions to the social and civic fabric for years to come. Cities seeking to meet economic challenges should certainly design strategies that attract the middle-class back into the cities, but revitalization will be incomplete and inefficient if immigrant communities are not seen as vital assets and resources. We end this brief summary by reminding cities of the words of Booker T. Washington as they seek to become stronger and economically healthier: "Cast down your buckets, where you are."



Lawrence, Massachusetts





Typical residential and commercial area.



Triple deckers common in Lawrence



Typical single family homes



Double deckers common in Lawrence



Mortgage and Real Estate firms



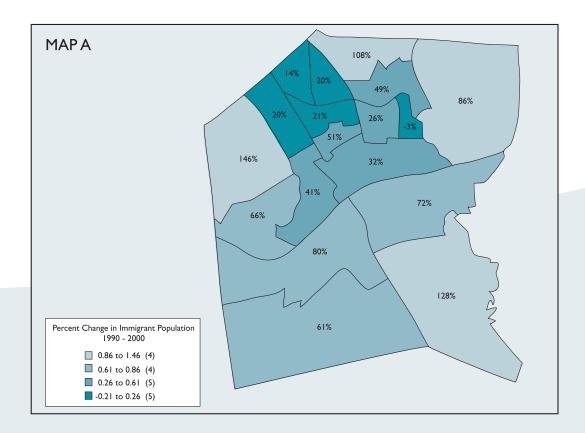
Multi - family housing

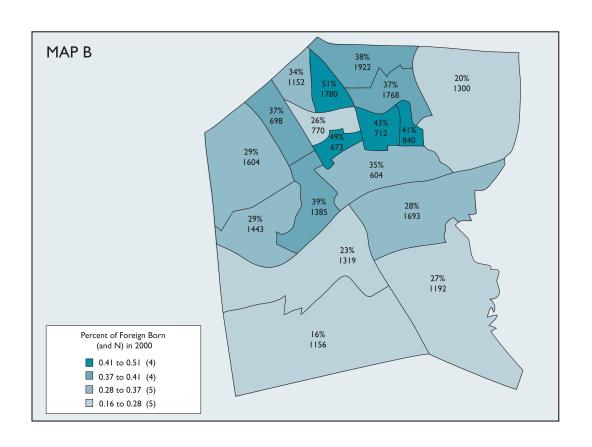
Immigrant Homebuyers in Lawrence, Massachusetts: The Revitalization Engine For The City

Demographic Profile

Census Data Indicate a Latino Middle-Class on the Rise in Lawrence

Maps A and B provide a pictorial look at changes in Lawrence's immigrant population between 1990 and 2000 showing a dramatically increased presence over the ten years and significant percentage of the city's overall population by 2000. Table 1 provides a more indepth look at the racial and ethnic changes between 1990 and 2000 by census tracts.





Census Tracts	Total 1990	2000	White 1990	White 2000	Black 1990	Black 2000	Asian 1990	Asian 2000	Latino 1990	Latino 2000	Latino% Total 2000
2500925010	1443	1722	809	885	154	233	7	24	730	1102	0.64
2500925020	4914	5539	3586	2897	228	275	12	186	1540	2969	0.54
2500925030	2048	1882	844	721	81	16	71	41	1313	1570	0.83
2500925040	3745	3403	1631	1617	414	276	52	7	2649	2774	0.82
2500925050	4013	3514	1746	1249	442	605	98	51	2891	3074	0.87
2500925060	4630	5109	3378	2691	256	773	0	76	1846	3229	0.63
2500925070	4694	4732	2648	1853	360	576	81	56	2355	3568	0.75
2500925080	5917	6456	5129	4154	176	339	10	318	913	2817	0.44
2500925090	2423	2028	923	678	363	139	0	40	1956	1712	0.84
2500925100	1295	1659	488	603	105	196	Ш	2	1072	1431	0.86
2500925110	2955	2982	1772	1716	355	124	35	45	1569	1858	0.62
2500925120	1355	1369	722	734	144	57	0	9	772	1047	0.76
2500925130	3838	3553	1438	1105	275	310	52	33	2851	2911	0.82
2500925140	4648	4906	2807	2204	405	236	19	113	2080	3300	0.67
2500925150	5248	5770	4150	3258	188	329	80	348	1232	2681	0.46
2500925160	5856	5965	4038	2826	322	350	293	432	1992	3485	0.58
2500925170	4119	4413	2994	2516	200	228	207	355	1125	2279	0.52
2500925180	7036	7041	6543	5778	78	139	190	316	453	1291	0.18
Totals	70177	72043	45646	37485	4546	5201	1218	2452	29339	43098	

What these maps and data do not show, however, is the fact that the City's renaissance and regeneration have occurred as a direct result of the efforts of residents committed to staying in the city. The revitalization of Lawrence is not fueled by "gentrification" as has been the case in many communities throughout America. In the case of Lawrence, the revitalizing force is immigrant Latino individuals and families, many of whom already live in city neighborhoods. These individuals and families are in essence "urban stayers" and not "gentrifiers" (Palen, 2005). This fact is clear from Table 2, which indicates that between 1990 and 2000 the number of owner-occupied housing units among Latino immigrants grew by approximately 165 percent, from 926 to 2,462. This increase of homeownership among Latino immigrants indicates an emerging shift in the City's class structure from a predominance of poor to a burgeoning, working middle-class.

	er of Owr Latino and	ible 2 ner Occupio d Total Orig nusetts (199	in
Universe	1990'	2000²	Number & Percent Change
Latinos Total Percent Latinos Owner Occupied	926 4,225 21.9%	2,462 7,876 31.30%	1,536 (165.8%) 3,651 (86.4%)

Table 3 demonstrates that the Latino community, with a relatively high number and proportion of immigrants, achieved significant increases in level of educational attainment between 1990 and 2000. Overall, the Latino population in Lawrence increased from 29,237 in 1990 to 43,019 in 2000. This has made Lawrence a city in which the majority of the population is comprised of what is considered a minority group in American society. Concurrent with this population increase was a significant boost in

educational attainment by Latinos with a high school diploma (including GED) by 92 percent between 1990 and 2000. In addition, the number of Latinos with a college degree increased significantly at each higher educational level. Specifically, at the graduate/professional degree level the increase was 420 percent in the ten-year period. We also found that among those with a bachelor's degree, Latinos increased by 164 percent, and individuals with an associates credential increased by 67 percent. These findings are important because significant increases at each level counters stereotypes and myths that Latinos are less educated.

Latino Lawrence, N	Table Education 1assachus	al Attainn	
Educational Level	1990³	2000⁴	Amount & Percent Change
High School Diploma (Includes GED) Some College	2,631	5,052	2,421 (92%)
(No Degree)	1,181	2,756	1,575 (133.4%)
Associate's Degree	426	710	284 (66.7%)
Bachelor's Degree Graduate/Professional	254	670	416 (163.7%)
Degree	100	520	420 (420%)

With higher education usually comes higher incomes, and the data in Table 4 support this observation. Table 4 indicates that household incomes among Latinos increased significantly at every level. Among those who earned \$25,000 to \$34,990, there was a 140 percent increase; incomes in the \$35,000 to \$74,999 increased by 127 percent. In addition, Latino households with income levels considered upper middle-class (\$75,000 to \$99,999 and \$100,000 or more), while relatively small in 1989, increased dramatically by 1999. Table 1 in Appendix C on household assets indicates that when aggregate household income for all census tracts are

¹ Source: 1990 Census of the Population & Housing Tables

² Source: Census 2000 Summary File 1 (SF1) 1000-Percent Housing; Tables H025 and H027. U.S. Census Bureau

³ Source: 1990 Summary Tape File 3(STF3) Sample Data. U.S. Census Bureau

⁴ Census 2000 Summary File 3 (SF3) Summary File, U.S. Census Bureau

added, Lawrence residents amassed a little over \$1.1 billion in 2002, much of it among Latinos. It must be noted that for many of these households, the increase in income can be attributed to two or more incomes as a result of multiple jobs by one individual and/or the presence of more than one adult wage earner. Nonetheless, along with these increases in income, there is an increase of 38 percent in per capita income between 1989 and 1999 (see Table 5).

	Tab old Incom Massachu	e Among	Latinos: 19 & 1999)
Income Range	1989	1999	Amount & Percent Change
\$10,000 to \$24,999	4,153	10,989	6,836 (164.6%)
\$25,000 to \$34,999	1,025	2,460	1,435 (140%)
\$35,000 to \$74,999	5,998	13,411	7,413 (123.6%)
\$75,000 to \$99,999	58	1,381	1,325 (2,281%)

Lav	Table 5 Per Capita Inco vrence, Massachusetts (
1989	1999	Amount & Percent Change
\$9,686	\$13,360	\$3,674 (37.9%)

Data on household and per capita income are important in understanding immigrant and Latino homebuyers and debunking the myth that all within this segment of the community are poor. It is from the ranks of these higher-income brackets that homebuyers come. They can afford down payments and closing costs, and they can obtain mortgages much more easily, make home repairs, and purchase major appliances. In essence, they spread their wealth throughout the local economy and housing market.

Past studies on the Latino entrepreneurial class in Lawrence have indicated that this segment of the community represents a significant portion of a new middle-class (Santiago, 2004). In addition to local Latino business owners, however, we find that the numbers of individuals with professional and managerial occupations have increased within the city between 1990 and 2000. While it is impossible to fully compare the data from the two census periods, one can nonetheless collapse appropriate categories of occupations and extrapolate percentages for each time period. Table 6 indicates that in 1990 there were 18 percent professional and managerial workers in Lawrence. By 2000, however, this figure increased to 34 percent. This was a 16 percent increase in ten years. While these data are for all workers of professional and managerial occupations, one can conclude that the increase was mostly (if not totally) within the immigrant population since there were concurrent fluxes of white out-migration and Latino in-migration.

Percent	Table 6 Professional & Man Lawrence, Massa (1990 & 20	chusetts
1990	2000	Percent Change
17.90%	34%	16.10%

These census data indicate a growing middle-class within the City's Latino population. This new class of "Latino Urban Professionals" exhibits many of the same characteristics found among the new gentry that are flocking to urban neighborhoods in many cities. Unlike traditional gentry, however, Latinos of Lawrence represent a unique group, composed predominantly of business owners, with some professionals and managers choosing to stay in the city. Still, like their traditional counter-parts, the new Latino middle-class in Lawrence seems to concentrate in the single or "Never Married" and "Divorced" categories. Table 7 indicates that between 1990 and 2000 the

number of "Never Married" residents increased by 13 percent, and the "Divorced" groups jumped by 18 percent. The data also show that "Married" residents increased by 18 percent, reminding us that within the Latino culture, marriage and family are still strong values.

	Tab	ole 7	
	Marita	l Status	
	Persons 15	rears & Ol	der
Lawrer	ice, Massach	usetts(199	0 & 2000)
Status	1990	2000	Amount & Percent Change
Status Married	1990 20,762	2000 24,457	7 11110 11110 11
			Percent Change

Census data also show that the number of Latinos who speak English at home "Very Well" and "Well" increased (see Table 8). The percent increase was 78 and 66 percent respectively. At the same time, Spanish-speaking persons ages 18-64 who spoke English "Not Well" or "Not at All" increased by 35 percent. These data illustrate that between 1990 and 2000 the Latino population improved in ability to speak English, countering the myth of little or no interest in learning the nation's principle language. Still, we are reminded that many recent arrivals within Lawrence's Latino immigrant population still need to learn English, especially with the number of "Speak English Only" category declining by 26 percent. This decline might also indicate an increase in the number of bilingual households where both English and Spanish are spoken, perhaps indicating a certain level of assimilation taking place where the two languages co-mingle.

Table 8
Number of Spanish Speaking Persons by
Ability to Speak English at Home
Lawrence, Massachusetts (1990 & 2000)

Ability	1990	2000	Amount & Percent Change
Speak English Only Speak English	20,096	14,840	5,256 (-26%)
"Very Well"	5,815	10.341	4,526 (77.8%)
Speak English "Well" Speak English "Not Well" or	3,448	5,709	2,261 (65.6%)
"Not at All"	5,752	7,781	2,029 (35.3%)

Table 9 indicates that within the Latino population, the highest increase in population occurred among the Dominican group. While the Puerto Rican and Cuban groups decreased by 40 and 27 percent respectively, the Dominican population increased by 45 percent between 1990 and 2000. In addition, other groups increased by 53 percent increasing the ethnic and national diversity of the Latino population. Such diversity enriches the cultural ambiance of the city and heightens the impact of revitalization taking place.

Table 9 Hispanic Origin Lawrence, Massachusetts (1990 & 2000)				
Origin	Amount & Origin 1990 2000 Percent Change			
Puerto Rican Dominican Cuban Other	14,928 10,670 452 3,069	8,894 15,438 329 4,683	6,034 (-40.4%) 4,768 (44.7%) 123 (-27.2%) 1,614 (52.6%)	

This overall profile of the Latino immigrant population demonstrates the metamorphosis of this segment of the community from a predominantly poor enclave to one indicating a strong evolution to a new middle-class. We can conclude that demographic and economic ingredients necessary for the revitalization of the City at a larger

scale already exist. Latino immigrants hold the reins of Lawrence's future success. This immigrant population dominates homebuying in the city, and it is to this group in particular that we now turn our attention.

The Latino Homebuyers and Their Purchasing Experiences

As far back as the summer of 1999, the local press (Crabtree, 1999) and local business leaders were beginning to recognize the impact of Latinos on the housing market. But exactly who these Latinos and what their experiences were in purchasing homes remained a mystery, until now.

To capture a picture of the Latino homebuyers and their experiences in the homebuying process, 30 in-depth interviews were conducted in homes, offices, local coffee shops, and community-based agencies. The interview schedule included 42 questions in the categories of demographics, property ownership information and purchasing experience. The responses are displayed in table form for rapid access to the replies for each question.

The respondents in these interviews show us that the majority of Latino homebuyers are young, between the ages of 25 to 35 years with another third in the 36-to- 40 year old range (see Table 10).

	Table 10 Age Structure	
Age	Number	Percent
25-30	8	26.7
31-35	7	23.3
36-40	10	33.3
41 +	5	16.7
Total	30	100.0

Table 11 demonstrates that almost two-thirds of Latino homebuyers interviewed were female. If coupled with the census data on marital status presented in Table 7, it is safe to say that a significant percentage of Latino homes are headed by a single female. This matriarchal homeownership pattern is given additional support by the 2003 Latino business study documenting the large number of businesses owned by Latinas (Santiago, 2004).

	Table II Gender	
Gender	Number	Percent
Male	П	36.7
Female	19	63.3
Total	30	100.0

Homeownership among Latino immigrants is somewhat evenly distributed among the various educational levels. Table 12 indicates that one-third of respondents have a high school diploma (or GED), while a slightly smaller proportion have some college education or a formal degree. Over one-third have no diploma.

	ole 12 Education	
Level	Number	Percent
0-12 No Diploma High School Diploma or GED Some College but No Degree Associates Degree Bachelors Degree Total	11 10 5 1 3	36.7 33.3 16.7 3.3 10.0

The majority of respondents indicated that they had been in the United States for 16 or more years and two-thirds are American citizens (see Tables 13 and 14). The vast majority had no plans to return to their country of origin. Moreover, over 70 percent do not send money back home (see Tables 15 and 16).

Table 13 Length of Time in the U.S.A.		
Number of Years	Number	Percent
7-15 years 16-30 years 31-39 years No Response Total	8 16 6 1 30	26.7 53.3 16.7 3.3

	Table 14 American Citizenship	
Citizenship	Number	Percent
Yes	20	66.7
No Total	10 30	33.3 100.0

These data counter the long-held myth that Latinos are not interested in becoming long-term residents of the United States and refuse to make a commitment economically and/or socially to any one locale.

Table 15 Plans to Return to Country of Origin			
Response	Response Number Percent		
Yes	6	20	
No	24	80	
Total	30	100	

Table 16 Whether or Not They Send Money Back Home		
Response	Number	Percent
Yes No	8 22	26.7 73.3
Total	30	100.0

A common stereotype of Latino immigrants is that they over-populate a household with many more individuals than the unit was designed to house. Table 17 demonstrates that this is not true. Specifically, the data show that for each type of property (single, two family, and triple decker) the number of individuals residing in them does not indicate over crowding. Only in two cases did the data seem to indicate the possibility of over crowding with a total of 14-15 people residing in a triple decker (Table 17).

	Table 17 Number of People Living in Dwelling by Type of Property					
N	lumber	Туре	of Prope	rty		
of		Single Family	Two Family	Triple Decker	Other	Total & Column %
3	to 5	5 (41.7)	3 (25.0)	3 (25.0)	I (8.3)	12 (40.0)
6	to I0	Ò	5 (45.5)	5 (45.5)	l (9.1)	II (36.7)
- 11	l to I3	0	0	3 (75.0)	I (25)	4 (13.3)
14	1 to 15	0	0	2 (100)	0	2 (6.)
M	ore than	15 0	0	0	I (I00)	I (3.3)
To	otal & Rov	W				
Pe	ercent	5 (16.7)	8 (26.7)	13 (43.3)	4 (13.3)	30 (100)

When asked about the specific neighborhood in which their home was located, over 60 percent of respondents indicate an even split between South Lawrence and Tower Hill neighborhoods. An additional 27 percent were evenly split between the Arlington and Prospect Hill neighborhoods. The data in Table 18 show that Latino homebuyers are well represented in each of the City's major neighborhoods. Further, the influx of Latinos into South Lawrence, which was once considered the last bastion of white residency, indicates the removal of any barriers that may have previously prevented Latinos from settling in this neighborhood.

Table 18 Neighborhood Property Located		
Lawrence Neighborhood	Number	Percent
Arlington	4	13.3
South Lawrence	8	26.7
Tower Hill	8	26.7
Prospect Hill	4	13.3
Other	3	10.0
No Response/		
Did Not Know	3	10.0
Total	30	100.0

When the Latino homebuyers were asked why they purchased in the particular neighborhood, most noted "Affordability" as the main reason (see Table 19). Only 17 percent mentioned "Near to Family" or "Close to Amenities" as their reason for buying in a specific neighborhood.

Table 19 Reasons for Buying In Particular Neighborhood			
Reason Number Percent			
Near to Family	3	10.0	
Affordability ´	15	50.0	
Close to Amenities	2	6.7	
Family + Affordability	1	3.3	
Affordability + Amenities	1	3.3	
Other	8	26.7	
Total	30	100.0	

In most cases Latinos are recent homebuyers with 70 percent indicating that they owned their property for five years or less (see Table 20). An additional 20 percent indicated they owned their home for 6-10 years. When coupled with the information on length of time in the United States from Table 13, in which the majority had been in this country 16 years or more, the data in Table 19 suggest that purchasing a home is the culmination of a long-term process for these immigrant Latinos. Much hard work, saving and pooling of money over an extended period of time had to have taken place in order to finally qualify for purchasing a home.

Length	Table 20 n of Time Property Owr	ned
Number of Years	Number	Percent
I-5 Years	21	70.0
6-10 Years	6	20.0
II or More	2	6.7
No Response	l l	3.3
Total	30	100.0

Table 21 indicates that nearly 44 percent of the Latinos interviewed paid between \$151,000 and \$300,000 for their home.

Table 21 Purchase Price of Property		
Cost	Number	Percent
\$50,000-\$150,000 \$151,000-\$300,000 \$300,000 or More	10 13 7	33.3 43.3 23.4
Total	30	100.0

Another 33 percent paid \$150,000 or less for their home. These prices are not consistent with the usual impression that the cost of purchasing a home in Lawrence is low compared to some surrounding communities. Perhaps years ago this was the case, but not any more. To afford these prices, and in particular the monthly mortgage costs, requires that households have achieved a middle-class income level.

Table 22 Amount of Down Payment			
Amount	Number	Percent	
No Down Payment \$2,000-\$5,000 \$5,001-\$10,000 \$10,001 or More No Response/ Did Not Know	4 6 7 7	13.3 20.0 23.3 23.3	
Total	30	99.9	

Nearly one-half paid anywhere from \$5,001-\$10,001 or more as a down payment, evenly split between down payments of \$5,001-\$10,000 and \$10,001 plus. The closing costs highlighted in Table 23 indicate that 40 percent paid \$3,000 to \$6,000 or more. When one adds these amounts, it becomes clear that Latino homebuyers had to save considerably to reach the necessary amount for down payment and closing costs.

Am	Table 23 Amount of Closing Costs		
Amount	Number	Percent	
Nothing \$1,000-\$3,000 \$3,001-\$6,000 \$6,001 or More No Response/ Did Not Know	7 7 8 4	23.3 23.3 26.8 13.3	
Total	30	100.0	

"Savings" was the major manner in which Latino immigrant homebuyers financed their down payment and closing costs (Table 24). The data indicate that close to 60 percent financed their homes through savings. Only 23 percent had help from a social or government program for first-time homebuyers.

Table 24 Method of Financing Down Payment and Closing Costs		
Method	Number	Percent
Gift (Family/Friends)	1	3.3
Social Program	4	13.3
Government Program	3	10.0
Savings	17	56.7
Loan	1	3.3
Gift and Other	1	3.3
Savings and Other	T I	3.3
Other	T I	3.3
No Response	1	3.3
Total	30	99.8

Table 25 Condition of Property When Purchased		
Condition	Number	Percent
Needed Lots of Repairs	5	16.7
Had to Fix Just Basic Things	10	33.3
It Was Ready to be Moved into	12	40.0
Other	2	6.7
No Response	1	3.3
Total	30	100.0

Latino homebuyers interviewed were asked about the condition of the property when purchased. Fifty percent had to spend additional money to get their newly purchased home in the livable condition they desired ranging from needing lots of repairs to fixing basic things. These expenditures distributed additional capital within the local economy of Lawrence and/or the region.

Table 26 gives more detail about the repair expenditures. Fifty percent spent \$1,000 to \$10,000, with most spending \$1,000 to \$5,000, and 10 percent spending \$5,001-\$10,000. Table 26 also indicates that another 13 plus percent spent \$10,001 or more for home repairs and appliances.

Table 26 Amount Spent on Repairs		
Amount	Number	Percent
Zero Expenses \$1,000-\$5,000 \$5,001-\$10,000	11 12 3 4	36.7 40.0 10.0 13.3
\$10,001 or More Total	30	100.0

When asked where they spent much of their repair and appliance dollars, Home Depot received the highest mention. Table 27 indicates that in every category Home Depot was mentioned with over 73 percent indicating they made their purchases from this business

exclusively. While some might argue that repair supplies and appliance dollars left the city, the fact is both the Methuen, Massachusetts and Salem, New Hampshire Home Depots employ many Lawrence residents reversing to a degree the outflow of these dollars. Turning to Table 2 C in Appendix C, we see that in 2002 consumer spending among Lawrence residents totaled over \$2 billion. This is no small amount; and a significant number of these dollars went for household services, household furnishings and equipment. Many of these dollars stayed within Lawrence.

Table 27 Places Where Repair Materials And Appliances were Purchased		
Establishment	Number	Percent
Home Depot Home Depot & Lowes Home Depot & Appliance Store Home Depot & Department Store Other	22 3 1 3 1	73.3 10.0 3.3 10.0 3.3
Total	30	100.0

The Latino homebuyers were also asked who did most of their repairs and in nearly every category a "Professional" was mentioned. As Table 28 highlights, 30 percent used a professional exclusively while repairs by the property owner accounted for only 23 percent. The fact that a professional is often hired is important because it indicates that labor and the supply costs for these workers remain in the local economy. It is also notable that the majority of repair dollars come from savings (see Table 29).

Table 28 Individual(s) Who Made Repairs		
Individual	Number	Percent
Property Owner	7	23.3
Professional	9	30.0
Friends	3	10.0
Family	1	3.3
Owner & Professional	2	6.7
Professional & Family	2	6.7
Professional & Owner & Family	1	3.3
Professional & Friends	3	10.0
Owner, Professional & Friends	1	3.3
Owner, Professional & Family	1	3.3
Total	30	99.9

Sour	Table 29 rce of Money for Repair	s
Source	Number	Percent
Savings	16	53.3
Gift/Loan	1	3.3
Other	2	6.7
No Response	П	36.7
Total	30	100.0

Table 30 provides data on whether respondents had owned property prior to purchasing their present home in Lawrence. The vast majority had no prior ownership.

Table 30 Prior Property Ownership		
Prior Ownership	Number	Percent
Yes	6	20.0
No	23	76.7
No Response	1	3.3
Total	30	100.0

The Purchasing Experience

Purchasing a home in Massachusetts is a very complex and often confusing endeavor. For many individuals or families, this experience can be burdensome and stressful. For these reasons, a major area of inquiry was intended to begin piecing together an overview of the purchasing experience of the immigrant home owning community. Beginning with Table 31, we asked respondents if they had used a real estate agent to locate and purchase their home. Over half of the respondents said "Yes", but a significant number of respondents appear not to have used a real estate agent. That such a large number of homebuyers did not use a real estate broker can be attributed to the many programs available that provide a multitude of homebuying services for first-time homebuyers. Lawrence is fortunate in having several such programs that are non-profit and community-based.

Table 3 l Use of Real Estate Broker		
Response	Number	Percent
Yes No	17 13	56.7 43.3
Total	30	100.0

Table 32 indicates that in over 40 percent of cases, the Latino homebuyer had "Some" level of knowledge about purchasing property; only 13 percent indicated that they had "A Lot" of prior knowledge. Further, another 13 percent noted they had "Not Much" knowledge in purchasing a home, and a large number (30 percent) said they knew "Nothing At All" when they set-out to purchase their home. The data indicate that a significant number of individuals might still be in need of information concerning home purchasing in Lawrence.

Table 32 Level of Prior Knowledge in Property Buying		
Level	Number	Percent
A Lot	4	13.3
Some	13	43.3
Not Much	4	13.3
Nothing At All	9	30.0
Total	30	100.0

Nevertheless, experiences in the full spectrum of the homebuying process were highly positive as indicated by the tables below. First, respondents were asked to rate the overall quality of experience in purchasing their home (Table 33), and the vast majority said it was "Good" or "Very Good" with only 23 percent rating their experience as fair or bad.

Overall Experience in Property Purchasing		
Experience	Number	Percent
Very Good	П	36.7
Good	12	40.0
Fair	5	16.7
Bad	2	6.7
Total	30	100.0

In assessing their treatment by the lending institution, one-half said they were treated "Very Well," and an additional 27 percent noted they were treated "Well". Only 10 percent rated their treatment as "Fair," and less than 7 percent said their lending institution treated them "Badly" (see Table 34).

Table 34 Assessment of Treatment by Lending Institution		
Treatment	Number	Percent
Very Well Well Fair Badly No Response Total	15 8 3 2 2 2	50.0 26.7 10.0 6.7 6.7

Respondents were asked to assess how they were treated by the seller of the property along with their realtor. Table 35 indicates that 73 percent felt they were treated "Well" or "Very Well", evenly split between the two categories. Only 10 percent said they were treated "Fair," while another seven percent said they were treated "Poorly".

Table 35 Treatment by Seller & Their Realtor		
Experience	Number	Percent
Very Well	H	36.7
Well	H	36.7
Fair	3	10.0
Poorly	2	6.7
No Response	3	10.0
Total	30	100.0

Respondents were asked if they experienced any confusion during the purchasing process as well as the specifics about that confusion. As Table 36 indicates, 33 percent experienced some confusion. Sources of confusion included paperwork and the closing process.

		urchasing Prop
Response	Number	Percent
Yes	10	33.3
No	19	63.3
No Response	1	3.3
Total	30	100.0
Source of Confusion	Number	Percent
Comusion	reamber	rereene
The Closing	5	16.7
The Paperwork	4	13.3
Nothing At All	21	70.0
Total	30	100.0

Overall, the data seem to indicate that most of the Latino immigrants who have purchased a home in Lawrence during the past five years have had a positive experience. Those surveyed were also asked if they had provided any assistance to others also looking to purchase a home. Almost all (90 percent) had done so with most of this assistance to family and friends (see Table 37). These data show that a "diffusion" process has taken place, where one individual, successful in purchasing a home in Lawrence, helped another through the process, thereby facilitating increased numbers of individuals and families choosing to stay and invest in Lawrence.

Table 37 Provision of Assistance to Others on Property Ownership		
Response	Number	Percent
Yes	27	90.0
No	2	6.7
No Response	1	3.3
Total	30	100.0

Table 38 Identity of Those Providing Assistance		
Identity	Number	Percent
Family & Friends	22	73.3
No Response	8	26.7
Total	30	100.

Findings from Key Informants

Business Profile of Key Informants

Both the sponsors of this project, The ILC, and the research team felt it important to conduct a second survey within the housing market itself to capture a better understanding of the experiences of immigrant homebuyers. In this second set of interviews, 12 representatives of the various components that comprise a major portion of the home purchasing and selling industry in Lawrence were interviewed (see Appendix A for interview schedule). Among those interviewed were mortgage brokers, real estate agents, lending institutions (banks), and community-based organizations with specific services and programs designed to help first-time homebuyers (Table 39). Most respondents were real estate agents or provided some type of assistance with real estate purchase and sales. Twenty-five percent were with community-based programs for first-time homebuyers and a slightly smaller number from lending institutions.

Table 39 Business Type		
Туре	Number	Percent
Lending Institution	2	16.7
Real Estate Agent	3	25.0
Real Estate Assistance		
Purchase & Sale	4	33.3
Community Organization	3	25.0
Total	12	100.0

Tables 40 and 41 below show respondents were asked if they maintained any programs and/or services for first-time homebuyers, and if so, what specifically. About one-third provide direct education and training while another 40 percent plus make referrals to training and financing. Another 25 percent indicated they provided no such services for first-time homebuyers.

Table 40 Special Programs for First-Time Homebuyers		
Program/Service	Amount	Percent
Education/Training	4	33.3
Referrals to Programs	2	16.7
Financing	1	8.3
Training & Financing	1	8.3
Referrals & Financing	1	8.3
None	3	25.0
Total	12	100.0

Table 41 Estimated Percentage of First-Time Homebuyers		
Percent of Buyers	Amount	Percent
Twenty Percent or Less	1	8.3
Twenty-five - Thirty Percent	5	41.7
Thirty-one - Sixty-five Percent	2	16.7
Sixty-six or More	4	33.3
Total	12	100.0

Nevertheless, first-time homebuyers were a whopping 66 percent of the business for over one-third of respondents and anywhere from 31 to 65 percent for another 17 percent of respondents.

The team then asked these respondents to approximate the percentage of Latinos in their client base. 58 percent of respondents said that Latinos are anywhere from 80 to 100 percent of their business (see table 42).

Table 42 Approximate Percentage of Latino Clients		
Approximate Percent	Number	Percent
Eighty Percent or Less Eighty-one - Ninety Percent Ninety-one - Ninety-nine Percent One Hundred Percent Total	5 3 3 1	41.7 25.0 25.0 8.3

The interviews attempted to determine the extent to which Latino first-time homebuyers were represented in the consumer base for local lending institutions. Table 43 reflects what percentage they thought these groups represented for banks and mortgage companies. Latinos represented over 50 percent of the business for 5 lending institutions, while the other 5 estimated that it ranged from 17 to 25 percent. The important fact of Table 43 is that all those responding felt that Latinos represented at least 25 percent of the consumers for lending institutions in the area of mortgages.

Table 43 Estimates of Percent Latino First-Time Homebuyers For Lending Institutions		
Percent Latino	Number	Percent
Twenty-five Percent or Less	3	25.0
Twenty-six - Fifty Percent	2	16.7
Fifty-one - Ninety Percent	5	41.6
No Response	2	16.7
Total		100.0

These twelve representatives were then asked, based on their knowledge of the housing field, what percentage of the institutions' re-financing clientele was comprised of Latinos. According to Table 44, the majority (67 percent) believed it totaled more than fifty percent of the clientele. Significantly, over 40 percent estimated that it was 90 percent or more. With low interest rates, re-financing has been a lucrative business for lending institutions, attorneys and brokers, and Latinos seem to represent a large part of their consumer base.

Table 44 Percent Latino Homeowners who Re-finance with Lending Institutions

Percent Latino/ Southeast Asian	Number	Percent
Fifty Percent or Less	2	16.7
Fifty-one to Seventy-five Percent	2	16.7
Seventy-six to Ninety Percent	1	8.3
Ninety-one Percent or more	5	41.6
No Response	2	16.7
Total	12	100.0

Table 45 Average Amount of Mortgage for Latino Homebuyers		
Amount	Number	Percent
\$250,000 or Less	4	33.3
\$251,000 to \$300,000	6	50.0
\$301,000 or More	I	8.3
No Response	1	8.3
Total	12	100.0

We asked these key and knowledgeable informants to estimate, based on their experiences, the average amount borrowed for mortgages by Latinos. Table 45 indicates that 33 percent thought it was \$250,000 or less but another 50 percent estimated that it was anywhere from \$251,000 to \$300,000. Consistent with Table 21 from the survey of property owners themselves, the general consensus is that immigrant homebuyers are paying top dollar for their homes in Lawrence.

Perceived Difficulties for Immigrant Consumers

A major area of inquiry for this second survey concerned perceived difficulties confronting Latino immigrant first-time homebuyers in Lawrence. Table 46 indicates that the majority felt the most significant difficulty was a lack of credit history in the United States. Forty percent felt the biggest difficulty was a lack of understanding the application process. Lack of understanding of the closing process was considered a factor by only one respondent. When combined together, these difficulties can prevent

many immigrants from purchasing their own homes even if they have the money for down payment and closing costs as well as sufficient income to maintain a mortgage.

Perhaps the greatest challenge for immigrants is developing an acceptable credit history. For this reason, many first-time Latino homebuyers waited some time before purchasing. Table 13 previously shown indicated that more than two-thirds of the property owners surveyed had been in the United States 16 or more years. Establishing a credit history is no small achievement.

Table 46 Greatest Challenges for Latino Homebuyers			
Challenge	Number	Percent	
Lack of Credit History Do Not Understand	6	50.0	
Application Process Do Not Understand	5	41.7	
Closing Process	1	8.3	
Total	12	100.0	

Because of the lack of an acceptable credit history for many immigrants, traditional lending institutions refuse to extend mortgages to these families/individuals. This has led to a burgeoning secondary mortgage industry often referred to as the "sub-prime" industry. Much criticism has been levied against this industry because it often maintains higher than normal interest rates, applies practices considered "predatory" and fails to adequately inform consumers of the type of loan they are getting and the consequences if they fall behind on payments (Kirchloff, 2004). In Lawrence alone, the Massachusetts Community and Banking Council data indicate that Latinos in 2003 represented about 60 percent of the loans for home purchases and refinancing within this sector. As such, the key informants in our survey were asked if they felt the disapproval of this sub-prime industry was justified, and 42 percent said "Yes" (see Table 47). However, 50 percent said "No", that the criticism was not justified.

Table 47 Opinion About Whether There is Justification for Approval or Disapproval of "Sub-Prime" Mortgages

Response	Number	Percent
Yes	5	41.7
No	6	40.0
No Response	1	8.3
Total	12	100.0

Respondents were asked their opinion about why Latinos purchased in specific neighborhoods. One-third indicated it was mainly for the cultural amenities contained in those areas (see Table 48). Another 25 percent felt it was due to affordability, while only 17 percent said it was largely due to the property being close to schools, hospitals and other social institutions. In a city like Lawrence where immigrants represent the majority of the residents, cultural amenities are important, making this community a Mecca for Latinos from all over New England. However, it is interesting to note that the Latino homebuyers named affordability as their primary reason for buying into a particular neighborhood.

Table 48 Opinion About Reasons Why Latinos Purchase in Particular Neighborhoods			
Reason	Number	Percent	
Cultural Amenities Affordability Close to Schools, Hospitals, etc Don't Know Total	4 3 . 2 3 12	33.3 25.0 16.7 25.0 100.0	

The survey asked respondents if they felt that first-time homebuyers in Lawrence were familiar with the various services and/or programs available to them. Table 49 indicates that over 90 percent said they were familiar. A follow-up question asked if they knew whether Latinos were taking advantage of available programs/services. There were mixed opinions. The majority (58 percent) said "Yes" but a one-third felt this was not so (see Table 50). From these data it seems that while many

immigrants are aware of the various initiatives available to them as first time homebuyers, many fail to take advantage of them. This finding has implications for outreach by community based programs.

Table 49 Opinion About Whether Latinos Have Knowledge of Services/Programs for First-Time Homebuyers		
Response	Number	Percent
Yes No Total		91.7 8.3 100.0

Table 50 Opinion About Whether Latinos Take Advantage of Programs/Services for First-Time Homebuyers		
Response	Number	Percent
Yes No No Response Total	7 4 I 12	58.3 33.3 8.3 100.0

Business Changes to Address Immigrant Needs

A major area of inquiry centered on whether or not those surveyed had made (or were planning to make) changes to accommodate the new immigrant consumer population. The research team began by asking how immigrant consumers found out about these businesses. Table 51 indicates that respondents estimated that 17 percent came of their own volition, but one-third stated they were attracted because of special out reach activities by the business itself. In the majority of cases, the respondents said it was a combination of consumers coming on their own in concert with particular out reach efforts on their part.

Table 51 Manner in Which Latinos Came to Their Business		
Manner	Number	Percent
They Came on Their Own We Reached Out to Them	2 4	16.7 33.3
A Little of Both Total	6 12	50.0 100.0

In an attempt to see what effort was made to accommodate the immigrant community, the survey team asked the respondents to specify what activities and/or changes were made. Table 52 indicates that close to 60 percent said they provided training to their staff; another one-third said they provided material in the appropriate language for consumers. One respondent did a combination of staff training and written material.

Table 52 Activities Provided and Changes Made to Work With the Latino Community		
Activity/Change	Number	Percent
Provided Staff Training Provided Written Material	7	58.3
In Appropriate Language	4	33.3
Combination of the Two I 8.3		
Total	12	100.0

When asked what they felt was the overall experience of their Latino clients in purchasing a home, over 90 percent placed the experience in the "Very Good" (42 percent) and "Good" (50 percent) categories (see Table 53). Only one respondent rated the experience as "Fair" but refused to explain. Further query indicated that one-half had a specific method or process for knowing or measuring the experiences of their Latino clientele (see Table 54). Forty-two percent said they really had no formal way of knowing with many indicating they just "felt it to be the case."

Table 53 Overall Experience of Latino Homebuyers		
Experience	Number	Percent
Very Good	5	41.7
Good	6	50.0
Fair	1	8.3
Total	12	100.0

Table 54 Whether They Have a Method or Process for Knowing the Experiences of Latino Homebuyers		
Response	Number	Percent
Yes No No Response Total	6 5 1 12	50.0 41.7 8.3 100.0

The research team probed further and asked how many of the employees in their respective businesses were Latino. One-third indicated 11 or more Latino employees, followed by 25 percent with six to ten. Still, over 40 percent mentioned five or fewer employees of Latino background (see Table 55). This is important since much of the business that these organizations maintain is directed toward and comes from the immigrant community. Demonstrating that they recognize this fact, 100 percent had plans to hire more Latino workers (see Table 56). In an attempt to dig deeper, the research team asked the respondents to specify the positions they planned to fill with Latinos. majority said real estate brokers, followed by 25 percent targeting originators/processors, and a smaller number intending to hire Latino clerical/entry-level employees (see Table 57).

Table 55 Number of Latino Employees		
Number of Workers	Number	Percent
Five or Less Six to Ten	5	41.7 25.0
Eleven or More	4	33.3
Total	12	100.0

Table 56 Whether They Have Plans to Hire More Latino Workers				
Response	Number	Percent		
Yes	12	100		
No	0	0		
Total	12	100		

Table 57 Positions Latino Employees Will Fill				
Position	Number	Percent		
Clerical/Entry-Level	2	16.7		
Real Estate Broker Loan Originator/	7	58.3		
Processor	3	23.0		
Total	12	100.0		

When asked to what extent the Community Reinvestment Act has assisted immigrants in getting mortgages, there were mixed opinions. Over 40 percent rated the assistance from "Very Little" to Not at All". Only 17 percent felt it provided assistance "To A Great Extent" and another 25 percent "To Some Extent". It seems that to many in the industry, this legislation has been instrumental in helping immigrants and others acquire mortgages, but a significant number question the effectiveness.

Table 58 Opinion About Extent to Which Community Reinvestment Act Has Assisted Immigrants in Obtaining Mortgages				
Response	Number	Percent		
To a Great Extent To Some Extent Very Little Extent Not at All Don't Know Total	2 3 4 1 2	16.7 25.0 33.3 8.3 16.7 100.0		

Finally, respondents were asked if they were willing to participate in training to further understand the Latino community. The vast majority said they would (see Table 59). In all, what the second survey indicates is that housing market businesses are taking immigrant homebuyers very seriously and making the necessary adjustments and investments to cater to this population.

Table 59 Willingness to Participate in Training to Better Understand The Latino Community				
Response	Number	Percent		
Yes No	9 3	75 25		
Total	12	100		

Conclusion

There are several key findings concerning the Latino immigrant population in Lawrence. Foremost among them is the constructive impact of Latino homebuyers on the city's revitalization which has been over looked. The research team believes that immigrant Latino homebuyers represent the "economic engine" that has driven and will continue to drive Lawrence's renaissance. For example, Latino immigrant home purchases increased by approximately 165 percent between 1990 and 2000. Further, Latino homebuyers are keeping much of their money in the city. They are purchasing goods and services from local vendors and professionals. They are significantly helping to maintain various sub-markets including appliance centers and construction contractors.

Second, Latino homebuyers are coming from within the city. This burgeoning, immigrant middle-class brings all the cultural, economic and social assets and benefits that they traditionally afford a community. The issue for Lawrence is how to further harness these benefits.

Third, the survey of Latino homebuyers shows that:

- These homebuyers are between the ages of 25 and 40 with a disproportionate number of them being female.
- Seventy percent of those surveyed had been in the United States for more than 16 years.
- Two-thirds of these immigrant homebuyers were already American citizens.
- Immigrant homebuyers are somewhat equally distributed among the various neighborhoods of the city with most listing "Affordability" as the major reason for purchasing in a particular area.
- Forty-three percent paid between \$151,000 and \$300,000 for their home.

- Forty-seven percent made down payments of between \$5,001 and \$10,001; 40 percent spent between \$3,001 and \$6,001 in closing costs.
- In the majority of cases (57 percent), savings was the source for financing the purchase of homes.
- Fifty-percent paid between \$1,000 and \$10,000 for home repairs and appliances before moving in; 30 percent hired the services of a professional for home repairs.

Fourth, these findings de-bunk the myths that Latino immigrants have little interest in staying in the United States or in becoming American citizens. That so many are investing their hard-earned money in Lawrence demonstrates the level of their commitment to the city, Massachusetts and the country as a whole. Further, the money spent on the actual purchase of a home, repairing it and installing new appliances attests to the higher level of monetary investment that stays in the local economy.

Inquiries on the purchasing experiences of Latino immigrants revealed that:

- Fifty-seven percent used a real estate agent to purchase their home.
- Seventy-seven percent noted that they had a "Good" or "Very Good" overall experience in the purchase of their home.
- In the majority of cases, Latino homebuyers rated their treatment by lending institutions and the seller as "Good" and "Very Good".
- The majority (63 percent) said they had not experienced confusion when it came to buying their home.

These findings indicate that, despite what can often be a frightening and stressful endeavor, the experiences of these homebuyers were positive.

The second part of this research initiative was interviews with key informants from the housing industry. Indications are that many activities and investments have been made to provide services to the increasing number of immigrant clients. The major findings are:

- First-time homebuyers represented 25 percent or more of their clientele in over a third of the cases.
- Immigrant clientele amounted to 70 percent or more in 40 percent of the cases.
- On average, immigrant homebuyers pay \$250,000 or more for their homes.
- A lack of credit hampers many immigrant first-time homebuyers, and a significant number were confused by the application and closing processes.
- Forty-two percent noted that criticism of the secondary or "sub-prime" mortgage industry as "predatory" was justified.

- Most respondents felt that first-time homebuyers were familiar with the various services and/or programs of assistance at their disposal, and slightly over half felt these customers were taking advantage of such assistance.
- Fifty-eight percent had made staffing changes to accommodate their new immigrant consumers with the same percent indicating they had between five and eleven employees who culturally and linguistically represented their immigrant clientele.
- All noted they planned to hire employees of similar cultural and linguistic backgrounds as that of their immigrant clientele; 58 percent would be real estate agents.
- Two-thirds indicated that they provide information to immigrant consumers in their native languages.

The data in this report clearly show the significant, positive impact that Latino immigrant homeowners are having on the City of Lawrence. Besides the obvious impact on the housing field by their purchases, these individuals and families are positively affecting the cultural, economic and social fabric of the community. To ignore this new middle-class and their positive contributions is to ignore their role in revitalizing the city.



Lowell, Massachusetts



Mixed residential and commercial area



Typical homes



Typical single family home



Newly renovated multi - family homes

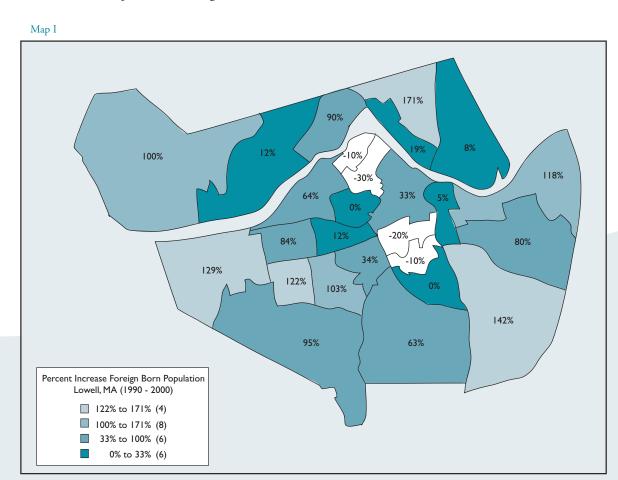
Immigrant Homebuyers in Lowell, Massachusetts: Contributing to the Revitalization of the City

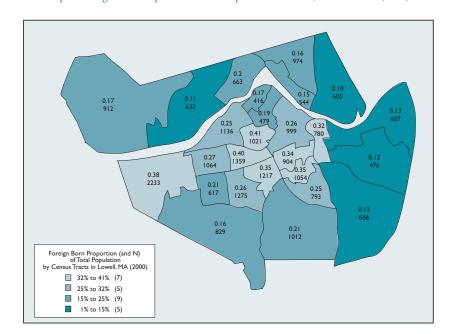
Demographic Profile

Census Data Show a Changing Immigrant Community in Lowell

Map I provides a visual presentation of the significant increases in Lowell's immigrant population between 1990 and 2000 in most of the city's census tracts. Map II shows the current percent of foreign-born in those

same census tracts and Table 1 provides further data showing large racial and ethnic changes in the city between 1990 and 2000.





Map II: Foreign Born Proportion of Total Population in Lowell, Massachusetts (2000)

Table I	
Population of Lowell, Massachusetts by Race and Ethnicity by Census Tract (1990 & 2000)

Census Tract	Tot Pop 1990	Tot Pop 2000	White 1990	White 1990	Black 1990	Black 2000	Asians 1990	Asians 2000	Latino 1990	Latino 2000
25017310100	3340	3881	2172	2500	179	427	559	380	726	1257
25017310200	6137	6070	5713	5209	38	269	197	258	236	610
25017310300	5757	6157	5292	4774	44	329	218	435	169	966
25017310400	3540	3581	2743	2450	105	210	381	470	522	860
25017310500	3396	3353	3150	2726	20	191	199	335	85	241
25017310601	4679	5392	4315	4464	79	256	240	622	120	313
25017310602	5771	5610	5322	4837	98	196	297	408	147	220
25017310700	4207	4516	3439	2965	112	354	492	903	426	710
25017310800	2679	2516	1998	1672	44	119	438	409	231	524
25017311000	2927	2576	1654	1286	86	233	459	405	1152	1280
25017311100	2991	2464	1186	837	26	216	1228	1142	725	689
25017311200	3195	3374	1647	1259	150	176	1166	1709	464	558
25017311300	3519	3954	2947	2265	40	270	417	1231	190	334
25017311400	5394	5857	4117	3594	280	262	755	1765	271	570
25017311500	2684	2908	2498	2027	12	47	174	816	6	66
25017311600	4911	5099	4449	4012	22	169	253	748	280	382
25017311700	4375	4923	3515	2823	118	248	525	1623	245	416
25017311800	3324	3516	2168	1459	111	254	833	1527	352	573
25017311900	3129	2666	2251	1786	143	192	457	264	667	657
25017312000	3148	2977	2398	1977	112	88	445	521	606	621
25017312100	3221	3112	2408	2059	76	141	647	735	334	431
25017312200	4776	4741	3715	3273	177	228	418	827	749	768
25017312300	5003	5004	4755	4499	61	168	53	292	252	228
25017312400	2598	2424	1879	1489	83	81	484	323	730	825
25017312501	4527	4497	4301	3893	40	89	110	256	207	329
25017312502	4292	3999	4078	3706	37	10	105	274	197	102
Total	103520	105167	84110	73841	2293	5223	11550	18678	10089	14530

What these maps and data do not show is that the city's renaissance and regeneration have occurred as a direct result of efforts by residents committed to staying in the city. In part, the revitalization of Lowell has been accelerated by the new Latino and Southeast Asian home owners. Lowell's economic revitalization is largely dependent on immigrant Latino and Southeast Asian individuals and families. These individuals and families are in essence "urban stayers" and not "gentrifiers" (Palen, 2005). This fact is clear from Table 2, which indicates that between 1990 and 2000 the number of owner-occupied housing units among Latino and Southeast Asian immigrants grew significantly. Between 1990 and 2000, Latino homeowners grew by 82 percent and the number of Southeast Asian homeowner jumped by a 164 percent. These increases in home ownership among Latino and Southeast Asian immigrants indicate an emerging shift in the city's class structure from a predominance of poor residents to a burgeoning working/middle-class.

	Owner Occ		Asians, Latinos, ts (1990 & 2000)
Origin	1990	2000	Number & Percent Change
Asians Hispanics Total/All Races	434 381 15,508	1,145 694 16,330	711 (163.8%) 313 (82.2%)

Overall the Southeast Asian population in Lowell increased from 11,550 in 1990 to 18,678 in 2000. Concurrent with this population increase was a significant boost in educational attainment. There was an 87 percent increase in those obtaining a high school diploma including a GED. Table 3 also indicates large increases in Southeast Asians obtaining college and advanced degrees: an 85 percent increase in Associates degrees; 177 percent increase in Bachelor degrees and a 77 percent increase in Graduate and Professional degrees. The fact that the increases were so significant

at each level is important because it proves that the Southeast Asian population is much more educated than some stereotypes and myths would lead one to believe.

Table 3 Educational Attainment: Asians Lowell, Massachusetts (1990 & 2000)					
Education Level	1990	2000	Number & Percent Change		
High School Diploma (Including GED) Some College	848	1,583	735 (86.7%)		
(No College)	561	729	168 (29.9%)		
Associate's Degree	192	356	164 (85.4%)		
Bachelor's Degree Graduate/ Professional	420	1,165	745 (177.4%)		
Degree	534	943	409 (76.6%)		

Higher educational levels are usually associated with higher incomes, and the data in Table 4 support this. Latino and Southeast Asian household incomes increased significantly at the higher levels while lower level incomes either remained the same or decreased. For example, the earnings among Southeast Asians more than doubled for earnings between \$35,000 to \$74,999. In addition, Latino and Southeast Asian households with income levels considered upper middle-class (\$75,000 to \$99,999 and \$100,000 or more), increased dramatically by 1999. For many of these households the increase in income can be attributed to multiple jobs held by one individual and/or more than one adult wage earner. Along with increases in income there is an overall increase in per capita income of 38 percent (see Table 5).

	Tabl	e 4						
Household Income Among Asians and Latinos								
Lowell, M	Lowell, Massachusetts (1989 and 1999)							
Income Range	Asi 1989	ans 1999	Hisp 1989	anics 1999				

441

1,787

526

361

1.025

1,341

58

38

1,220

318

187

380

684

130

54

\$25,000 to \$34,999

\$35,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

Lo	Table 5 Per Capita Inc well, Massachusetts (I	
1989	1999	Number & Percent Change
12,701	17,557	4,856 (38.2%)

Data on household and per capita income are important in understanding the true earning power of homeowners among Latino and Southeast Asian immigrants. It exposes the myth that all within this segment of the community are poor. It is from the ranks of these higher income brackets that homebuyers come. They can afford down payments, closing costs, mortgages, home repairs and major appliances. In essence, they spread their wealth throughout the local economy and housing market.

Many of the new immigrant homeowners are also local entrepreneurs maintaining small businesses that cater to the cultural and ethnic necessities of their community as verified by Santiago (2004). In other words, immigrant entrepreneurs and homeowners are often the same person. This means that there are fewer professional and management residents in the mix of homebuyers. Table 6 verifies that there are fewer people in these occupations in the city overall.

Table 6
Number of People in Professional And Managerial Occupations
Lowell, Massachusetts (1990 and 2000)

Number &
Percent Change

24,644

20,986

3,658 (-14.8%)

These census data above have thus far indicated an increasing middle-class within the city's major immigrant groups (Latino and Southeast Asian). This new class, predominantly entrepreneurs, maintains many of the same characteristics found among the new middle class residents who have flocked to urban neighborhoods in many cities. Unlike traditional noblesse classes moving into urban centers, the Latino and Southeast Asian home owners of Lowell represent unique groups, predominantly composed of business owners, with some professionals and managers in the mix, choosing to stay in the city.

With the overall profile of the Latino and Southeast Asian immigrant population changing, we see a metamorphosis of this segment of the community from a predominantly poor enclave to one with elements of middle-class status.

The Latino and Southeast Asian Homebuyers and Their Purchasing Experience

Who these Latinos and Southeast Asians are as well as their experiences in purchasing homes has not been explored extensively. To capture a picture of these homebuyers and their experiences, 32 in-depth interviews were conducted in homes, offices, local coffee shops and community-based agencies. The interview schedule included 42 questions in the categories of demographics, property ownership information and purchasing experience (see appendix A). The responses are displayed here in table form for rapid access to the replies for each question. Fifty-three percent of respondents were Latino and 47 percent were Southeast Asian (See Table 7). It should be noted that, unlike other cities in the region, Lowell's immigrant population is quite diverse. These two groups were selected because they represent the largest influx of recent immigrant*.

	Table 7 Race/Ethnicity	
Race/Ethnicity	Number	Percent
Latino	17	53.1
S.E. Asian	15	46.9
Total	32	100.0

Table 8 shows the ethnic backgrounds of those interviewed. Latinos were from Puerto Rico* and the Dominican Republic; Southeast Asians were from Cambodia and Vietnam. Just over half of the homebuyers in the sample were female (see Table 9).

C	Table 8 Country of Origin	
Country	Number	Percent
Puerto Rico*	7	21.9
Dominican Republic	4	12.5
Vietnam	1	3.1
Cambodia	14	43.8
Other	6	18.8
Total	32	100.0

	Table 9 Gender/Sex					
Race/Ethnicity	Number	Percent				
Male	15	46.9				
Female Total	17 32	53.3 100.0				

Most had moderate incomes: 31 percent in the \$15,000 to \$35,000 range; two-thirds had incomes ranging from \$35,001 to \$50,000 and \$50,000 or more. (see Table 10).

	Table 10 Income Level	
Level	Number	Percent
\$15,000 or Less \$15,001 - \$35,000 \$35,001 - \$50,000 \$50,001 or More	I I0 I4 7 32	3.1 31.3 43.8 21.9

The majority had already attained U.S. citizenship. Those who said they were not yet citizens had plans to become citizens. This could be an added reason for investing in a home (see Table 11).

^{*} Although Puerto Ricans are not immigrants, but citizens of the United States, the research team decided to include a small number from this group in the interviews.

Table II American Citizenship				
Citizenship	Number	Percent		
Yes	18	56.3		
No	14	43.8		

Just over half indicated they sent money back to their former country. For many there are still strong ties with family and loved ones in their country of origin. However, a surprisingly high percentage indicated that they do not send money back home (see Table 12).

Table 12 Whether They Send Money Back Home		
Response	Number	Percent
Yes	16	50
No	15	46.9
No Response	1	3.1
Total	32	100.0

Table 13 indicates the type of property respondents owned. The majority had purchased single-family homes, but 44 percent purchased two family homes.

Table 13 Type of Property		
Туре	Number	Percent
Single Family Two Family Triple Decker Other Total	16 14 1 1 32	50 43.8 3.1 3.1 100.0

Table 14 shows that for each type of property (single, two family, and triple decker) the number of individuals residing in them did not indicate over crowding. While 10 said they had 6-10 individuals in their single family home, most of these were children.

Unlike most Americans, a large family among these immigrants is an indication that one is doing well. Further, while the nuclear family is the predominant structure for most Americans, for these immigrants the extended family is very important too.

Numb	Table 14 Number of People Living in Dwelling by Type of Property				Property
Number of People	Single Family	Two Family	Triple Decker	Other	Total & Column %
3 to 5 6 to 10 11 to 13 14 to 15	10 (50) 10 (50)	7 (58.3) 5 (41.7)	I (100)		18 (54.5) 15 (45.5)
More than Total & Rov Percent		(36.4)	I (100)		33 (100)

When asked the specific neighborhood in which their home was located, the interviews indicated that over one third are in the Acre district, with another 15 and 13 percent in Pawtucketville and South Lowell neighborhoods respectively. Latino and Southeast Asian homebuyers have concentrated within specific neighborhoods giving these Lowell communities a unique cultural "flavor" found in no other locations (see Table 15). Most cited "Affordability and Family" as the reason for buying in a particular neighborhood although "Affordability" alone was the primary factor for a significant number (see Table 16).

Table 15 Neighborhood Property Located			
Lowell Neighborhood	Number	Percent	
Acre District Highlands District Pawtucketville Belvedere District Centerville District South Lowell Other		34.4 3.1 15.6 3.1 3.1 12.5 28.2	
Total	32	100.0	

Table 16 Reasons for Buying in Particular Neighborhood			
Reason	Number	Percent	
Near to Family	1	3.1	
Affordability	9	28.1	
Close to Amenities	4	12.5	
Family & Affordability	13	40.7	
Affordability & Amenities	4	12.5	
Other	1	3.1	
Total	32	100.0	

Type of Property		
Cost	Number	Percent
\$50,000 or Less	3	9.4
\$51,000 - \$150,000	1	3.1
\$151,000 - \$300,000	24	75
\$300,000 or More	4	12.5
Total	32	100.0

In most cases Latinos and Southeast Asians are recent homebuyers with 69 percent indicating that they owned their property for five years or less (see Table 17). When coupled with the fact that the majority are also American citizens, purchasing their homes in Lowell suggests that many are committed to the city. Down payments were significant. Forty-one percent put down \$5000 to \$10,000 and another 22 percent put down \$10,000 or more (Table 19). Adding the amount of closing costs (Table 22), in which over half paid from \$3,001-\$6,001 or more, it becomes clear that Latino and Southeast Asian homebuyers had to amass considerable amounts of money.

The vast majority paid between \$151,000 and \$300,000; nine percent paid \$50,000 or less and three percent paid \$150,000 or less. 12.5 percent paid \$300,000 or more (see Table 18). These prices are not consistent with the common impression that the cost of purchasing a home in Lowell is affordable compared to some surrounding communities. To afford mortgages for homes at these prices requires a middle-class income.

Table 19 Amount of Down Payment			
Amount	Number	Percent	
No Down Payment	5	15.6	
\$2,000 - \$5,000	5	15.6	
\$5,001 - \$10,000	13	40.7	
\$10,001 or More	7	21.9	
No Response/			
Did Not Know	2	6.2	
Total	32	100.0	

Lengt	Table 17 Length of Time Property Owned		
Number of Years	Number	Percent	
I - 5 Years 6 - 10 Years 11 or More No Response	22 4 5 I	68.8 12.5 15.6 3.1	
Total	32	100.0	

An	Table 20 Amount of Closing Costs			
Amount	Number	Percent		
Nothing \$1,000 - \$3,000 \$3,001 - \$6,000 \$6,001 or More No Response/ Did Not Know	7 6 13 4	21.9 18.7 40.7 12.5 6.3		
Total	32	100.0		

Social programs were a major resource by which Latino and Southeast Asian immigrant homebuyers financed their down payment and closing costs (See Table 21). However, an additional 44 percent financed through savings alone or savings and other sources.

		Closing Costs
Method	Number	Percent
Gift (Family/Friends)	0	0
Social Program	H	34.4
Government Program	5	15.6
Savings	7	21.9
Loan	0	0
Savings and Other	7	21.8
Other	0	0
No Response	2	6.3
Total	32	100.0

The Latino and Southeast Asian homebuyers were asked about the condition of the property when purchased. It was an equal split of 28 percent each between homes that needed many repairs and homes ready for occupancy. An additional 38 percent had to fix some basic things (see Table 22). This means that two-thirds of the homebuyers had to expend additional funds to get their newly purchased home in the acceptable condition and these funds were distributed throughout the local and regional economies.

Table 22 Condition of Property When Purchased		
Condition	Number	Percent
Needs Lots of Repairs	9	28.1
Had to Fix Basic Things	12	37.5
It Was Ready to be Moved Into	9	28.1
Other	1	3.1
No Response	T	3.1
Total	32	100.0

The amount of dollars flowing into these economies for repairs are significant. Over 30 percent spent \$1000 to \$5000 but another 12 percent spent up to \$10,000. Another 19 percent spent \$10,000 or more (see Table 23).

Table 23 Amount Spent on Repairs		
Amount	Number	Percent
Zero Expenses	12	37.5
\$1,000 - \$5,000	10	31.3
\$5,001 - \$10,000	4	12.5
\$10,001 or More	6	18.7
Total	32	100.0

Table 24 Places Where Repair Materials And Appliances Purchased			
Establishment	Number	Percent	
Home Depot Home Depot & Lowes Home Depot & Appliance Store Home Depot & Department Store Other	23 	71.9 3.1 3.1 3.1 18.8	
Total	32	100.0	

When asked where they spent their repair and appliance dollars, the buyers mentioned Home Depot most often. Home Depot was mentioned in every category with 72 percent responding that they had made their purchases in this business exclusively (see Table 24). While one might argue that dollars for supplies left the city, the fact that area Home Depots employ many Lowell residents reverses the outflow of these dollars to a certain degree. Appendix E shows that 2002, consumer spending among Lowell residents totaled over 1.7 billion dollars. In the two census tracts with the highest proportion of foreign-born, the amount spent by consumers is also considerable. A significant number of these dollars went for household services, furnishings and appliances.

The Latino and Southeast Asian homebuyers were asked who did most of their repairs. While over one-third did their own repairs, another 25 percent hired professionals. The fact that a professional is often hired is important because it indicates that the funds for labor and supplies remain in the local community's

economy. Many of these repair dollars came from savings. (see Table 25 and 26).

Individual(s) Wh	no Made Repairs	
Individual(s)	Number	Percent
Property Owner	11	34.4
Professional	8	25
Friends	1	3.1
Family	3	9.4
Owner & Friends	1	3.1
Owner & Family	1	3.1
Owner, Professional, & Friends	T	3.1
No Response	6	18.8
Total	32	100.0

Table 26 Source of Money for Repairs		
Method	Number	Percent
Savings	11	34.4
Gift/Loan from Family/Friends	s 5	15.6
Borrowed When Purchased		
Home	2	6.3
Other	3	9.3
Not Applicable	11	34.4
Total	30	100.0

The Purchasing Experience

Purchasing a home in Massachusetts is a very complex and often confusing endeavor. For many individuals and their families, this experience can be very burdensome and stressful. For this reason, a major area of inquiry was devoted to piecing together an overview of the home purchasing experience of immigrants. We first asked respondents if they had used a real estate agent to locate and purchase their home and the overwhelming majority did use an agent (Table 27).

Table 27 Use of Real Estate Broker			
Response	Number	Percent	
Yes No Total	25 7 32	78.1 21.9 100.0	

The majority of homebuyers had knowledge about purchasing property with 15 percent of that majority having "a lot of knowledge". Still, another 44 percent responded "that they had little or no knowledge". This indicates that a significant number of individuals in Lowell might still be in need of information concerning home purchasing. Nevertheless, most homebuyers were pleased with their overall experience in purchasing their homes. (Tables 28 and 29).

Table 28 Level of Knowledge Prior to Purchasing Property		
Level	Number	Percent
A Lot	5	15.6
Some	13	40.6
Not Much	6	18.8
Nothing At All	8	25
Total	32	100.0

Table 29 Overall Experience in Property Purchasing		
Experience	Number	Percent
Very Good Good Fair Bad Total	7 15 7 3	21.9 46.9 21.9 9.3

Respondents were also pleased with treatment by the lending institution with over 80 percent reporting that the treatment as good or very good (Table 30).

Table 30 Assessment of Treatment by Lending Institution		
Treatment	Number	Percent
Very Good Good Fair Bad No Response	7 19 4 I	21.9 59.4 12.5 3.1 3.1
Total	32	100.0

Respondents were asked if they experienced any confusion during the purchasing process as well as the source of their confusion. One half had experienced confusion with most noting the closing and paperwork as the cause.

Table 31 Presence and Source of Confusion During Purchasing Property			
Response	Number	Percent	
Yes No No Response Total	16 14 2 32	50 43.8 6.3 100.0	
Source of Confusion	Number	Percent	
The Closing The Paperwork Nothing At All No Response	6 10 14 2	18.8 31.2 43.7 6.3	
Total	30	100.0	

Overall, the data seem to indicate that immigrants who have purchased a home in Lowell during the past five years have had a positive experience. Moreover, many have provided assistance to others about homebuying (see Table 32). This shows that a diffusion process has taken place where one individual successful in purchasing a home helped another.

Table 32 Provision of Assistance to Others on Property Ownership		
Assistance Provided	Number	Percent
Yes No No Response	21 10 1	65.6 31.3 3.1
Total	32	100.0

Findings from Key Informants

Business Profile of Key Informants

The Immigrant Learning Center, Inc., the sponsor of this project, and members of the research team felt it was important to conduct a second set of interviews within the housing market itself in order to obtain a broader understanding of experiences among immigrant homebuyers. In this second phase, 12 representatives of the various components of the home purchasing and selling industry were interviewed (see Appendix A for interview questions). Among those interviewed were mortgage brokers, real estate agents, lending institution, and community based non-profit organizations with specific services and programs designed to help first time homebuyers. The primary responders were real estate agents and another 25 percent were real estate businesses that also provided services under the rubric of assistance with purchase and sales. The remainder was community-based programs for first-time homebuyers See Table 33).

Table 33 Business Type			
Туре	Number	Percent	
Lending Institution Real Estate Agent Real Estate Assistance	2 5	16.7 41.7	
Purchase & Sale Community Organization	3 2	24.9 16.7	
Total	12	100.0	

The respondents were asked if they maintained any programs or services for first time homebuyers and what those services were. One third do referrals to first-time homebuying programs while the remainder was distributed across a number of options including education/training, training and financing and referrals and financing (see Table 34).

Table 34 Programs/Services for First-Time Homebuyers		
Program/Service	Amount	Percent
Education/Training	1	8.3
Referrals to Programs	4	33.3
Financing	2	16.7
Training & Financing	3	25
Referrals & Financing	2	16.7
Nothing At All	0	0
Total	12	100.0

Respondents were asked to estimate the percentage of Asians/Latinos in the consumer base. Most estimated 25 percent or less. (see Table 35).

	Table 35 Approximate Percent Asian/Latino Consumers for Lending Institutions			
Approximate %	Number	Percent		
25% or Less 26% to 50% 51% or More No Response	9 	75.1 8.3 8.3 8.3		
Total	12	100.0		

The majority of respondents estimated that the average amount borrowed by Asians/Latinos was \$250,000 or less although one-third estimated the amount at \$251,000 to \$300,000. These estimates are consistent with the amount paid as reported by the immigrant homebuyers themselves in Table 18. The general consensus was that immigrant homebuyers in Lowell are paying top dollar for their homes.

Perceived Difficulties for Immigrant Consumers

A major area of inquiry concerned perceived difficulties confronting Latino and Southeast Asian immigrant first time homebuyers. The vast majority of immigrants felt the most significant difficulty was a lack of credit history in the United States. Other factors such as misunderstanding of application and closing processes were cited by a few (See Table 36).

Table 36 Perception as About Greatest Challenges for Asian/Latino Homebuyers			
Challenge	Number	Percent	
Lack of Credit History Do Not Understand	9	75.1	
Application Process Do Not Understand	1	8.3	
Closing Process	1	8.3	
Other	1	8.3	
Total	12	100.0	

When combined, these difficulties can prevent many immigrants from purchasing their own homes even if they have the money for down payments and closing costs as well as sufficient income to maintain a mortgage. Nevertheless, the greatest challenge for immigrants is an acceptable credit history.

Traditional lending institutions refuse to extend mortgages to immigrant families and individuals who lack an acceptable credit history. This has led to a burgeoning secondary mortgage industry often referred to as the "sub-prime" industry. Much criticism has been levied against this industry because many members charge higher than normal interest rates, at times engaging in what many consider predatory lending practices. In addition, some sub-prime lenders fail to adequately inform the consumer of the type of loan they are getting as well as consequences if they default on the mortgage (Kirchloff, S.,2004). In Lowell, Massachusetts Community and Banking Council 2003 data indicate that Latinos represented about 64% of the loans for home purchases and

refinancing provided by the sub-prime industry. For this reason, the key informants were asked if they felt the criticism of the sub-prime industry was justified. Two-thirds responded that they felt the criticism was justified (see Table 37).

Whether Criticis	Table 37 Whether Criticism of "Sub-Prime" Mortgages is Justified		
Response	Number	Percent	
Yes No	8 4	66.7 33.3	
Total	12	100.0	

The interviews then turned to questions about why immigrant homebuyers purchased in specific neighborhoods. Most respondents cited affordability although family and friends and cultural amenities were also cited as reasons (see Table 38). In a city like Lowell, where the immigrant population concentrates in specific neighborhoods, the cultural amenities found within these sectors of the city are important. This makes these neighborhoods the Mecca for Latinos and Southeast Asians from all over New England. Within these enclaves there can still be found affordable homes for households that maintain two or more incomes.

Table 38 Opinion About Reasons as to Why Asians/Latinos Purchase in Particular Neighborhoods		
Reason	Number	Percent
Cultural Amenities Affordability Close to Schools, Hospitals, etc. Family/Friends	2 8 0 2	16.7 66.6 00 16.7
Total	12	100.0

All respondents did feel that Asian/Latino first time homebuyers in Lowell were familiar with the various services and/or programs available to them and that they did take advantage of those programs (see Tables 39 and 40).

Table 39 Opinion About Whether Asians/Latinos Know of Programs for First Time Homebuyers According to Key Informants		
Response	Number	Percent
Yes No Total	12 0 12	100 0 100.0

Table 40 Opinion About Whether They Think Asians/Latinos Take Advantage of Programs for First-Time Homebuyers		
Response	Number	Percent
Yes No	12 0	100
Total	12	100.0

Business Changes to Address to Immigrant Needs

A major area of inquiry focused on whether respondents had made or were planning to make changes in their businesses to accommodate the new immigrant consumer population. The research team began by asking how Latino and/or Southeast Asian consumers came to their businesses. The attempt was to gauge how immigrant consumers found out about these businesses, and Table 41 indicates that respondents felt they were attracted primarily by special out-reach activities by the business. Another one-third felt they came in on their own and the remainder said it was a combination of both outreach and their own volition (see Table 41).

Table 41 Manner in Which Asians/Latinos Came to Their Business		
Manner	Number	Percent
On Their Own	4	33.3
We Reached Out	6	50
A Little of Both	2	16.7
Total	12	100.0

Because most respondents reported that special outreach was an important avenue for attracting immigrant consumers, they were asked to specify what activities and/or changes had been undertaken. One-half said they made staff training available to their workers; some provided material in the appropriate language for consumers; and some did a combination of the two. One half of respondents also had a method for assessing the experience of Asian-Latino customers. (Tables 42 and 43)

Activities Provided and Changes Made to Work With Asian /Latino Community		
Activity/Change	Number	Percent
Staff Training	6	50
Written Material in		
Appropriate Language	2	16.7
Combination of the Two	2	16.7
Hired Appropriate Staff	2	16.7
Total	12	100.0

Table 43 Whether They Have a Method or Process for Knowing Experiences of Asian/Latino Homebuyers		
Response	Number	Percent
Yes	6	50
No	6	50
Total	12	100.0

The presence of Asian and Latino employees is also an important strategy. Although over 90 percent of the businesses employed five or less such employees, two-thirds were planning to hire more Asian/Latino employees with one-half targeted at broker and loan officer positions. Another one-half targeted clerical/entry level positions (see Tables 44, 45 and 46).

Table 44 Number of Asian/Latino Employees			
Number of Workers	Number	Percent	
Five or Less Six to Ten Eleven or More	 0 	91.7 0 8.3	
Total	12	100.0	

Table 45 Whether They Have Plans to Hire More Asian/Latino Employees			
Response	Number	Percent	
Yes No Total	8 4 12	66.7 33.3 100.0	

Table 46 Positions to Which Asian/Latino Employees Will Fill		
Position	Number	Percent
Clerical/Entry Level	6	50
Real Estate Broker Loan Originator/	4	33.3
Processor	2	16.7
Total	12	100.0

When asked to what extent the Community Reinvestment Act has assisted immigrants in getting mortgages, there were mixed opinions. One-quarter cited "to some extent" but the remainder were scattered in their perceptions from no impact to impacting immigrants getting mortgages "to a great extent". (see Table 47).

Table 47 Perceptions about Extent to Which Community Reinvestment Act Has Assisted Immigrants in Obtaining Mortgages			
Response	Number	Percent	
To a Great Extent To Some Extent Very Little Extent Not at All Don't Know Total	 3 1 6 12	8.3 25 8.3 8.3 50	

Finally, respondents were asked if they were willing to participate in training to further understand the Asian/Latino community. Over two-thirds responded that they would participate in such training. In all, this second phase of interviews focusing on representatives from the housing market indicates that many are taking the needs and potential business of immigrant homebuyers very seriously. They are making necessary adjustments and investments to effectively engage with the immigrant population (see Table 48).

Table 48 Willingness to Participate in Training to Better Understand The Asian/Latino Community Response Number **Percent** 66.7 Yes No 4 33.3

12

100.0

Total

Conclusion

There are several key findings concerning the Latino and Southeast Asian immigrant population in Lowell. The first finding is that immigrants are helping to fuel the housing market. This suggests that immigrant homebuyers must be considered a major component of the city's economic engine. Immigrant home purchases increased significantly between 1990 and 2000: by 82% among Latinos and 164% among Southeast Asians. As new homeowners, immigrants are contributing to the overall income of the city through property taxes. By purchasing goods and services from local vendors and professionals, they help maintain various sub-markets. We see the existence of the demographic and economic ingredients necessary for the continued revitalization of the city. The influx of Latino and Southeast Asian immigrants strongly contributes to Lowell's continued cultural enrichment. demographic growth and economic success. It is these immigrant groups that greatly impact home ownership in the city. Future plans for Lowell's development must address the concerns and acknowledge the contributions of immigrants.

Secondly, immigrant homebuyers in Lowell, as is the case in Lawrence, are "urban stayers"; that is, they already have roots in their communities. In addition to these findings, the survey results indicate that:

- Homebuyers are between the ages of 25 and 40 with a higher percentage of females.
- 91 percent of those surveyed have been in the United States from 7 to 30 years.
- More than 50 percent of these immigrant homebuyers are already American citizens.

- Immigrant homebuyers are distributed among specific neighborhoods of the city with most listing "Family and Affordability" as the major reason for purchasing in a particular area.
- 75 percent paid \$151,000 and \$300,000 for their home.
- 41 percent put down payments of \$5,001 -\$10,001; and another 41 percent typically spent from \$3,001 - \$6,001 in closing costs.
- Community-based social programs were a major source of financing for the purchase of their home.
- Upon moving into their new home, 44 percent paid between \$1,000 - \$10,000 for home repairs and appliances; and 30 percent hired the services of a professional for home repairs.

These findings tend to debunk the notion that immigrants are taking more than they are giving to their communities. Many do intend to become citizens. The fact that so many immigrants are investing in Lowell demonstrates the level of commitment they have to help rebuild the city.

The purchasing experiences among the interviewed Latino and Southeast Asian immigrants reveal that:

- 78 percent used a real estate agent to purchase their home.
- 69 percent noted that they had a "Good" or "Very Good" overall experience in purchasing their home.
- In the majority of cases, homebuyers rated their treatment by lending institutions and the seller as "Good" and "Very Good."

• 50 percent said they experienced no confusion when it came to buying their home.

These findings indicate that the experiences of these homebuyers were positive overall.

The second part of this research initiative was a set of interviews with key informants from the housing industry. The results show that:

- Immigrant homebuyers represent a major portion of their clientele.
- On average, immigrant homebuyers pay \$250,000 or more for their homes.
- A lack of credit history hampers many immigrant first-time homebuyers. To a lesser degree, confusion about the application and closing processes is an obstacle.

- Many are concerned about the secondary or "sub-prime" mortgage industry and "predatory" behavior.
- About half of the respondents had made staffing changes to accommodate their new immigrant consumers with most indicating they employed workers who were culturally and linguistically representative of immigrant clientele.

The data in this report illustrate the positive impact that the Latino and Southeast Asian immigrant homebuyers are having on the City of Lowell. But this is not simply as new homebuyers. These individuals and families are culturally and economically enriching the social fabric of the city. These facts are too important to ignore in any revitalization plans for Lowell's future.

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Appendix A: Interview Schedule

Immigrant Homebuyers

Case Number:
Community:1. Lawrence
I. Demographics
1. Race/Ethnicity1. White2. Latino3. African American4. Asian
2. Age
3. Gender/Sex1. Male 2. Female
4. Educational Level: 1. 0-8th grade
5. Approximate annual income: (Show income card) 1. \$15,000 or less 2. \$15,001-\$35,000 3. \$35,001-\$50,000 4. \$50,001-\$75,000 5. More than \$75,000
6. How well does owner know English? (let respondents assess themselves)1. Excellent2. Good3. Fair4. Poor
7. Country of origin:
8. How long have you been in this country?
9. Are you an American citizen?1. Yes2. No
10. Do you plan to eventually go back and live in your country?1. Yes2. No

11. Do you send money back home?1. Yes2. No If yes, how much, and how often? (Specify)	
II. Property Ownership Information (Primary Residence)	
12. In what neighborhood of the city is your primary residential property located? 1. Arlington District4. Prospect Hill2. Tower Hill5. Other(Specify:)3. South Lawrence	
13. How many individuals live in this property?	
14. Type of property: 1. Single family2. Commercial/Retail3. Two family4. Triple decker5. Apartment building6. Other (Specify:)	
15. Why did you purchase in this neighborhood? 1. Near to family2. It's where I could afford3. Close to schools, stores, etc4. Many Latinos/Southeast Asians5. Other (Specify:) How long have you owned this property?	
16. How much did this property cost?	
17. How much of a down payment did you put (dollar amount and percent)?	
18. How much did you pay for closing costs?(insert amount)	
19. How did you finance your down payment and closing costs? 1. A gift from family/friends 2. Special home ownership program 3. Government home ownership program 4. Savings 5. Went in with others/pooled 6. Other (Specify:	

20. How would you characterize the condition of the property when you first purchased it?	
1. Lots of repairs needed (A "fixer upper")	
2. I only had to fix basic repairs (painting, buy refrigerator, stove, etc.)	
3. It was ready for me/us to move in	
4. Other (Specify:)	
21. If you spent money to make repairs in order to move in, how much was that?	_·
22. Where did you get the money for the repairs? (can select more than one)	
1. From savings	
2. Gift/Loan from family/friends	
3. From co-owners (Specify:)	
4. Borrowed more when I purchased the home	
5. Other (Specify:)	
23. Prior to this property, have you ever owned any other?	
1. Yes2. No	
If yes, what and where?	
24. Did you use a real estate broker to purchase your property?	
1. Yes2. No If yes, who?	
If no, why not?	
ii no, why not:	
25. Do you own any other property?	
1. Yes2. No	
If yes, what type of property is it? (can select more than one)	
1. Single family2. Two family	
3. Triple Decker4. Multi family	
5. Commercial/retail6. Other (Specify:)	
If yes, where is the property located?	
26. How did you finance the second property?	
1. Savings	
2.Special ownership program	
3. Went in on it with others	
4. Government program	
27. What is your current monthly mortgage?	
How much is for taxes and insurance?	
How much is for principal?	

	When you've made repairs have you done it:
	1. Myself2. Someone else/Professional4. Family
29.	When you have purchased material or appliances to fix your property, where have you purchased them?
	(can select more than one)
	1. Home Depot2. Lowes Home Improvement
	3. Local Hardware4. Appliance store
	5. Department store (Specify:)
	6. Other (Specify:)
III.	Purchasing Experience
30	How much did you know about buying property in Massachusetts?
	1. A lot2. Some
	3. Not Much4. Nothing at all
31.	How would you categorize your overall experience in purchasing your property?
	1. Very good2. Good
	Tell me why you felt this way about your experience:
32.	How did the bank or mortgage company treat you?
	1. Very well2. Well
	Tell me why you felt this way on how you were treated:
33.	Did you find anything confusing during the purchase of the property?
	1. Yes2. No
	If yes, would you say it was:
	1. The rules and procedures in place
	2. The Purchase and Sales Agreement
	3. Filling out the loan application
	4. The closing and all the paper work -

36. Now that you know what it takes to purchase and own property in Massachusetts, have you helped anyone else with information and/or advice? 1. Yes2. No If yes, who and why? 37. How would you say the seller of the property and the realtor treated you? 1. Very well2. Well 3. Fair4. Poorly Tell me why this: 38. What, in your opinion, would have made the purchasing experience more positive? 39. Do you own a car?1. Yes2. No If yes, for how long? 40. Do you own a computer?1. Yes2. No If yes, do you access the Internet?1. Yes2. No	34. What is the name of your insurance company?
37. How would you say the seller of the property and the realtor treated you? 1. Very well2. Well3. Fair4. Poorly Tell me why this: 38. What, in your opinion, would have made the purchasing experience more positive? 39. Do you own a car?1. Yes2. No If yes, for how long? 40. Do you have pets?1. Yes2. No If yes, do you access the Internet?1. Yes2. No	1. Yes2. No
	37. How would you say the seller of the property and the realtor treated you?
39. Do you own a car?1. Yes2. No If yes, for how long? 40. Do you have pets?1. Yes2. No 41. Do you own a computer?1. Yes2. No If yes, do you access the Internet?1. Yes2. No	3. Fair4. Poorly
If yes, for how long?	38. What, in your opinion, would have made the purchasing experience more positive?
41. Do you own a computer?1. Yes2. No If yes, do you access the Internet?1. Yes2. No	39. Do you own a car?1. Yes2. No If yes, for how long?
If yes, do you access the Internet?1. Yes2. No	40. Do you have pets?1. Yes2. No
42. Finally, can you give us the names of two other property owners, and how we can get in touch with them?	41. Do you own a computer?1. Yes2. No If yes, do you access the Internet?1. Yes2. No
	42. Finally, can you give us the names of two other property owners, and how we can get in touch with them?

Thank you for your time, and for sharing your experiences and opinions

Key Informants	
Case No	
Community:1. Lawrence2	. Lowell
1. How would you classify your bus	essor cation and Sales Agreement
2. What, if any, special programs do	you have to assist the first time homebuyer?
3. About what percent of your busing homebuyers?4. Approximately what percent of your busing Southeast Asian decent?	our business are of Hispanic/
6. From the pool of Hispanic/South mortgage loans?	neast Asian customers, what would you say is the average amount of their
	plication process nding of the "points" pection of the property

d the

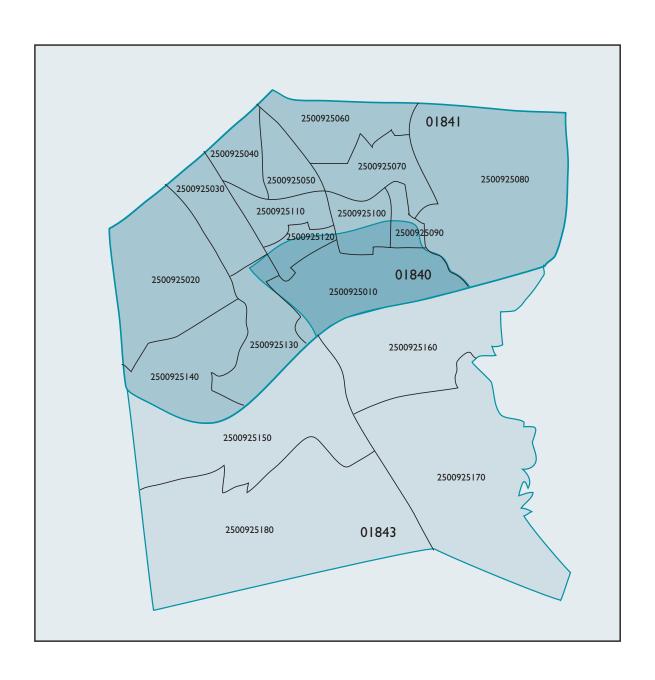
14. If no such program exists, do you think one is needed?1. Yes2. No Why/Why not?	
15. When you began servicing the immigrant community, was it because they came on their own, or did you make a special effort to reach out for their business? 1. They came on their own2. I reached out for them If they came on their own, why do you think they did so?	1
If you made a special effort to reach out for them, what exactly did you do?	
 16. In working with the immigrant Hispanic/Southeast Asian community, have you done any of the following? (can select more than one) 	

17. Based on those immigrants who you have serviced, how would you rate the overall experiences of His Southeast Asian property buyers in purchasing a home? 1. Very good2. Good3. Fair4. Poor5. Don't Know Why do you think their experience has been as you have indicated?	spanic/
18. Do you have any mechanism or process in place for knowing the experiences of your Hispanic/South Asian clients once they have purchased a home (e.g., customer survey)?1. Yes2. No If yes, how/what?	.east
If no, why not?	
19. How many employees do you have that are Hispanic/Southeast Asian? Do you plan to hire any/more?1. Yes2. No If yes, how many? If no, why not? If no, but plans to hire: How many? What background? By when?	
20. What positions do your Hispanic/Southeast Asian staff hold?	

21. Do you or your company offer Hispanic/Southeast Asian customers any consumer information?1. Yes2. No
If yes, what exactly do you provide?
If no, why not?
22. For many financial institutions the "Community Reinvestment Act" has been a prime motivator for extending mortgages and/or home improvement loans to recently arrived immigrants. To what extent do you think this has been the case in Lawrence/Lowell? 1. To a great extent2. To some extent3. To a very little extent4. Not at all5. I don't know
23. If someone were to develop a training, for a small fee, on understanding the Hispanic/Southeast Asian community within the home buying industry, would you and/or your staff participate? 1. Yes2. No If no, why not?
24. Finally, can you give us the names of two other professionals in the business, and how we can get in touch with them?

Thank you for your time, and for sharing your experiences and opinions

Appendix B: City of Lawrence, Massachusetts By Census Tracts



Appendix C: Assets in 2001, 2002 by Households and Consumers by Census Tracts in Lawrence

				ı	Assets ir		y House	e I C eholds an lassachus		us Tracts						
Category	egory 25009251000 25009250100			9250100	25009251100 2500925020			250200	25009251200		25009251300		25009250300		25009251400	
Households by																
Ownership of																
Assets Certificates of	534	%base	974	%base	1,474	%base	1,929	%base	530	%base	1,031	%base	563	%base	1,471	%base
Deposit	71	13%	140	14%	233	16%	278	14%	71	13%	137	13%	77	14%	209	14%
Savings Bonds	126	24%	205	21%	304	21%	489	25%	117	22%	247	24%	138	25%	375	25%
Bonds	19	4%	33	3%	55	4%	78	4%	18	3%	38	4%	22	4%	59	4%
Stocks	90	17%	151	16%	237	16%	355	18%	84	16%	178	17%	101	18%	271	18%
Mutual Funds Retirement	71	13%	114	12%	175	12%	281	15%	66	12%	141	14%	80	14%	216	15%
Accounts	242	45%	387	40%	570	39%	937	49%	227	43%	475	46%	267	47%	715	49%
Life Insurance with	h															
Cash Value Owning Other	169	32%	294	30%	454	31%	649	34%	163	31%	330	32%	182	32%	494	34%
Managed Assets	20	4%	35	4%	58	4%	80	4%	19	4%	40	4%	22	4%	61	4%
Owning Other		100/		100/	170	100/	225	100/		100/	100	100/		100/	174	100/
Financial Assets Owning Any	63	12%	117	12%	179	12%	225	12%	62	12%	122	12%	67	12%	174	12%
Financial Assets Owning Vehicle	483	90%	867	89%	1,317	89%	1,777	92%	476	90%	932	90%	513	91%	1,352	92%
Assets	445	83%	790	81%	1,190	81%	1,645	85%	438	83%	863	84%	474	84%	1,251	85%
Owning a Primary Residence	96	18%	60	6%	134	9%	885	46%	48	9%	225	22%	130	23%	607	41%
Owning Investmen																
Real Estate Owning Business	100	19%	167	17%	262	18%	393	20%	95	18%	198	19%	111	20%	300	20%
Assets Other Non-	66	12%	102	10%	152	10%	253	13%	60	11%	129	13%	72	13%	193	13%
Financial Assets Any Non-Financial	51	10%	85	9%	128	9%	196	10%	48	9%	101	10%	57	10%	150	10%

Source: Census 2000 (SF3 + Detailed).

Having A Mortgage

92%

41%

9% 225 22% 130

Table I C Assets in 2001 by Households and Census Tracts Lawrence, Massachusetts (Continued)

Category	25009250400		25009251500		25009250500		25009251600		25009250600		25009251700		25009250700		25009251800	
Households by																
Ownership of																
Assets	1,053	%base	2,283	%base	867	%base	1,979	%base	1,657	%base	1,545	%base	1,562	%base	2,810	%base
Certificates of																
Deposit	148	14%	328	14%	117	13%	280	14%	240	14%	225	15%	219	14%	436	16%
Savings Bonds	248	24%	554	24%	216	25%	485	25%	407	25%	384	25%	381	24%	734	26%
Bonds	40	4%	89	4%	33	4%	76	4%	65	4%	62	4%	60	4%	124	4%
Stocks	181	17%	402	18%	156	18%	352	18%	297	18%	280	18%	277	18%	549	20%
Mutual Funds	142	13%	317	14%	124	14%	277	14%	234	14%	224	14%	218	14%	439	16%
Retirement																
Accounts	473	45%	1,057	46%	415	48%	929	47%	777	47%	738	48%	731	47%	1,411	50%
Life Insurance wi	th															
Cash Value	337	32%	747	33%	284	33%	650	33%	548	33%	518	34%	510	33%	992	35%
Owning Other																
Managed Assets	42	4%	92	4%	35	4%	80	4%	68	4%	64	4%	62	4%	128	5%
Owning Other																
Financial Assets	124	12%	271	12%	103	12%	234	12%	196	12%	182	12%	185	12%	327	12%
Owning Any																
Financial Assets	952	90%	2,086	91%	791	91%	1,810	91%	1,517	92%	1,419	92%	1,426	91%	2,619	93%
Owning Vehicle																
Assets	876	83%	1,922	84%	731	84%	1,672	84%	1,400	84%	1,313	85%	1,316	84%	2,425	86%
Owning a Primar																
Residence	266	25%	742	33%	251	29%	598	30%	606	37%	623	40%	441	28%	1,825	65%
Owning Investme																
Real Estate	202	19%	446	20%	172	20%	390	20%	329	20%	314	20%	306	20%	618	22%
Owning Business		100/	202	100/		120/	250	120/	200	120/	107	120/	107	120/	200	1.40/
Assets	128	12%	282	12%	113	13%	250	13%	209	13%	197	13%	197	13%	380	14%
Other Non-	100	1.00/	225	100/	00	1.004	107	1.00/	144	1.00/	155	1.00/	155	1.004	204	110/
Financial Assets	102	10%	225	10%	88	10%	197	10%	164	10%	155	10%	155	10%	296	11%
Any Non-Financi Assets	аі 946	90%	2.072	91%	785	91%	1.797	91%	1.510	91%	1,414	92%	1.416	91%	2.621	93%
		70%	2,072	71%	/83	71%	1,/9/	71%	1,310	71%	1,414	72%	1,416	71%	2,621	73%
Having A Mortga Debt	ge 266	25%	742	33%	251	29%	598	30%	606	37%	623	40%	441	28%	1.825	65%
Debt	266	25%	742	33%	251	29%	598	30%	606	3/%	623	40%	441	28%	1,825	65%

Table I C Assets in 2001 by Households and by Census Tracts Lawrence, Massachusetts (Continued)

ategory	25009	250800	25009250900			
ouseholds by Ownership of Assets	2,262	%base	673	%base		
ertificates of Deposit	337	15%	96	14%		
vings Bonds	579	26%	153	23%		
onds	94	4%	25	4%		
ocks	425	19%	113	17%		
utual Funds	337	15%	87	13%		
etirement Accounts	1,106	49%	289	43%		
e Insurance with Cash Value	775	34%	211	31%		
wning Other Managed Assets	98	4%	26	4%		
wning Other Financial Assets	264	12%	80	12%		
wning Any Financial Assets	2,094	93%	605	90%		
wning Vehicle Assets	1,937	86%	552	82%		
wning a Primary Residence	1,247	55%	85	13%		
wning Investment Real Estate	470	21%	124	18%		
wning Business Assets	296	13%	79	12%		
ther Non-Financial Assets	233	10%	63	9%		
ny Non-Financial Assets	2,091	92%	598	89%		
aving A Mortgage Debt	1,247	55%	85	13		

Table 2 C Consumer Spending by Households by Census Tracts (2002)

Lawrence, Massachusetts

2002 Consumer Spending	25009251000	25009250100	25009251100	25009250200	25009251200
Households	505	1,068	1,258	1,780	464
Aggregate household income	11,698,000	19,580,000	53,083,000	103,316,000	13,628,000
Total expenditure	13,798,000	28,350,000	49,626,000	84,323,000	14,641,000
Total non-retail expenditures	8,083,000	16,451,000	28,751,000	49,255,000	8,538,000
otal retail expenditures	5,715,000	11,899,000	20,876,000	35,069,000	6,102,000
pparel .	771,900	1,584,300	2,765,700	4,677,100	820,600
ontributions	377,500	790,300	1,395,800	2,393,000	398,500
ducation	256,900	551,900	950,400	1,538,600	274,900
ooks and supplies	38,500	80,700	140,000	232,100	41,000
uition	218,500	471,200	810,400	1,306,500	233,900
ntertainment	717,400	1,469,100	2,575,800	4,408,200	760,000
ood and beverages	2,334,400	4,759,900	8,314,700	14,120,800	2,473,800
ood at home	1,380,600	2.800.000	4.880.500	8,306,500	1,459,800
ood away from home	819,200	1.673.500	2,936,200	4,987,400	869,600
iifts	417,300	885,800	1,546,400	2,560,800	449,800
ealth care	841,900	1,753,500	3,062,100	5,131,300	899,500
ousehold furnishings and equipment		1,134,600	1,989,700	3,394,500	586,300
nelter	2.331.300	4.896.800	8,671,000	14,473,000	2,500,600
ousehold operations	421.000	852,600	1,494,800	2,609,400	441,100
abysitting and elderly care	87.000	177,500	308,700	524,500	90,800
lousehold services	90.800	190,100	328,900	575,600	95,300
	1,101,200	2,271,100	3,935,000	6,687,400	1,170,100
OO2 Consumer Spending	25009251300	25009250300	25009251400	25009250400	25009251500
002 Consumer Spending					
002 Consumer Spending ummary					
002 Consumer Spending ummary	25009251300	25009250300	25009251400	25009250400	25009251500
002 Consumer Spending ummary ouseholds ggregate household income	25009251300	25009250300 533	25009251400	25009250400	25009251500 2,107
002 Consumer Spending ummary ouseholds ggregate household income otal expenditure	25009251300 1,104 24,147,000	25009250300 533 22,497,000	25009251400 1,467 74,097,000	25009250400 1,081 25,373,000	25009251500 2,107 108,002,000
ouseholds ggregate household income otal expenditure otal non-retail expenditures	25009251300 1,104 24,147,000 29,059,000	25009250300 533 22,497,000 20,524,000	25009251400 1,467 74,097,000 62,721,000	1,081 25,373,000 29,560,000	25009251500 2,107 108,002,000 92,425,000
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures	25009251300 1,104 24,147,000 29,059,000 16,997,000	25009250300 533 22,497,000 20,524,000 12,002,000	25009251400 1,467 74,097,000 62,721,000 36,673,000	25009250400 1,081 25,373,000 29,560,000 17,281,000	2,107 108,002,000 92,425,000 53,936,000
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures otal retail expenditures	1,104 24,147,000 29,059,000 16,997,000 12,062,000	25009250300 533 22,497,000 20,524,000 12,002,000 8,521,000	1,467 74,097,000 62,721,000 36,673,000 26,049,000	25009250400 1,081 25,373,000 29,560,000 17,281,000 12,279,000	25009251500 2,107 108,002,000 92,425,000 53,936,000 38,489,000
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures otal retail expenditures oparel ontributions	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100	25009250300 533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures opparel ontributions ducation	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400	25009250300 533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures oparel ontributions ducation ooks and supplies	25009251300 1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400 544,500	25009250300 533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures oparel ontributions ducation ooks and supplies	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400 544,500 81,000	533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200 56,900	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900 172,300	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700 82,600	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400 256,000
ouseholds ggregate household income btal expenditure otal non-retail expenditures otal retail expenditures opparel ontributions ducation books and supplies uition netertainment	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400 544,500 81,000 463,400	533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200 56,900 322,300	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900 172,300 971,600	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700 82,600 466,100	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400 256,000 1,448,300
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures oparel ontributions ducation ooks and supplies uition ntertainment ood and beverages	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400 544,500 81,000 463,400 1,510,900	533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200 56,900 322,300 1,069,400	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900 172,300 971,600 3,275,900	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700 82,600 466,100 1,535,000	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400 256,000 1,448,300 4,828,400
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures oparel ontributions ducation ooks and supplies uition ntertainment ood and beverages ood at home	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400 544,500 81,000 463,400 1,510,900 4,922,800	533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200 56,900 322,300 1,069,400 3,471,500	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900 172,300 971,600 3,275,900 10,531,200	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700 82,600 466,100 1,535,000 5,011,600	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400 256,000 1,448,300 4,828,400 15,477,700
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures otal retail expenditures oparel ontributions ducation ooks and supplies uition ntertainment ood and beverages ood at home ood away from home	1,104 24,147,000 29,059,000 16,997,000 1,631,100 792,400 544,500 81,000 463,400 4,510,900 4,922,800 2,913,700	533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200 56,900 322,300 1,069,400 3,471,500 2,050,000	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900 172,300 971,600 3,275,900 10,531,200 6,198,800	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700 82,600 466,100 1,535,000 5,011,600 2,963,100	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400 256,000 1,448,300 4,828,400 15,477,700 9,108,000
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures pparel ontributions ducation ooks and supplies uition ntertainment ood and beverages ood at home ood away from home iifts	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400 544,500 81,000 463,400 1,510,900 4,922,800 2,913,700 1,725,600	533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200 56,900 322,300 1,069,400 3,471,500 2,050,000 1,221,400	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900 172,300 971,600 3,275,900 10,531,200 6,198,800 3,719,600	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700 82,600 466,100 1,535,000 5,011,600 2,963,100 1,760,700	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400 256,000 1,448,300 4,828,400 15,477,700 9,108,000 5,458,400
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures oparel ontributions ducation ooks and supplies uition ntertainment ood and beverages ood at home ood away from home iifts lealth care	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400 544,500 81,000 463,400 1,510,900 4,922,800 2,913,700 1,725,600 884,000 1,776,400	533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200 56,900 322,300 1,069,400 3,471,500 2,050,000 1,221,400 620,000	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900 172,300 971,600 3,275,900 10,531,200 6,198,800 3,719,600 1,899,800	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700 82,600 466,100 1,535,000 5,011,600 2,963,100 1,760,700 898,000	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400 256,000 1,448,300 4,828,400 15,477,700 9,108,000 5,458,400 2,817,100
ouseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures otal rotal expenditures outsiton ooks and supplies uition ntertainment ood and beverages ood at home ood away from home iffs ealth care ousehold furnishings and equipment	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400 544,500 81,000 463,400 1,510,900 4,922,800 2,913,700 1,725,600 884,000 1,776,400	533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200 56,900 322,300 1,069,400 3,471,500 2,050,000 1,221,400 620,000 1,252,900	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900 172,300 971,600 3,275,900 10,531,200 6,198,800 3,719,600 1,899,800 3,814,000	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700 82,600 466,100 1,535,000 5,011,600 2,963,100 1,760,700 898,000 1,813,600	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400 256,000 1,448,300 4,828,400 15,477,700 9,108,000 5,458,400 2,817,100 5,648,300
louseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures otal rotal expenditures otal retail expenditures otal rotal expenditures otal rotal expenditures otal rotal expenditures outsion ooks and supplies uition intertainment ood and beverages ood at home ood away from home iifts lealth care lousehold furnishings and equipment helter	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400 544,500 81,000 463,400 1,510,900 4,922,800 2,913,700 1,725,600 884,000 1,776,400 1,160,200	533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200 56,900 322,300 1,069,400 3,471,500 2,050,000 1,221,400 620,000 1,252,900 821,000	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900 172,300 971,600 3,275,900 10,531,200 6,198,800 3,719,600 1,899,800 3,814,000 2,521,600	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700 82,600 466,100 1,535,000 5,011,600 2,963,100 1,760,700 898,000 1,813,600 1,181,900	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400 256,000 1,448,300 4,828,400 15,477,700 9,108,000 5,458,400 2,817,100 5,648,300 3,715,800
louseholds ggregate household income otal expenditure otal non-retail expenditures otal retail expenditures otal retail expenditures otal retail expenditures otal retail expenditures intributions ducation ooks and supplies uition ntertainment ood and beverages ood at home ood away from home idets idets lealth care lousehold furnishings and equipment helter lousehold operations	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400 544,500 81,000 463,400 1,510,900 4,922,800 2,913,700 1,725,600 884,000 1,776,400 1,160,200 4,922,400	533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200 56,900 322,300 1,069,400 3,471,500 2,050,000 1,221,400 620,000 1,252,900 821,000 3,496,600	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900 172,300 971,600 3,275,900 10,531,200 6,198,800 3,719,600 1,899,800 3,814,000 2,521,600 10,733,300	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700 82,600 466,100 1,535,000 5,011,600 2,963,100 1,760,700 898,000 1,813,600 1,181,900 5,015,300	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400 256,000 1,448,300 4,828,400 15,477,700 9,108,000 5,458,400 2,817,100 5,648,300 3,715,800 15,856,600
002 Consumer Spending	1,104 24,147,000 29,059,000 16,997,000 12,062,000 1,631,100 792,400 544,500 81,000 463,400 1,510,900 4,922,800 2,913,700 1,725,600 884,000 1,776,400 1,160,200 4,922,400 882,200	533 22,497,000 20,524,000 12,002,000 8,521,000 1,147,200 563,700 379,200 56,900 322,300 1,069,400 3,471,500 2,050,000 1,221,400 620,000 1,252,900 821,000 3,496,600 625,700	1,467 74,097,000 62,721,000 36,673,000 26,049,000 3,482,500 1,771,400 1,143,900 172,300 971,600 3,275,900 10,531,200 6,198,800 3,719,600 1,899,800 3,814,000 2,521,600 10,733,300 1,938,000	1,081 25,373,000 29,560,000 17,281,000 12,279,000 1,658,800 798,400 548,700 82,600 466,100 1,535,000 5,011,600 2,963,100 1,760,700 898,000 1,813,600 1,181,900 5,015,300 892,900	2,107 108,002,000 92,425,000 53,936,000 38,489,000 5,133,700 2,619,500 1,704,400 256,000 1,448,300 4,828,400 15,477,700 9,108,000 5,458,400 2,817,100 5,648,300 3,715,800 15,856,600 2,847,500

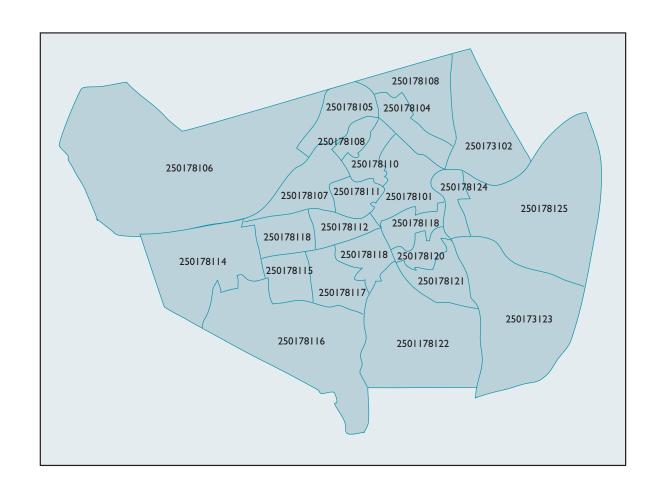
2002 Consumer Spending	25009250500	25009251600	25009250600	25009251700	25009250700
Households	901	1,890	1,650	1,497	1,408
Aggregate household income	23,176,000	89,739,000	74,468,000	76,079,000	63,652,000
Total expenditure	25,845,000	79,286,000	66,615,000	65,292,000	57,156,000
Total non-retail expenditures	15,152,000	46,356,000	38,925,000	38,158,000	33,439,000
Total retail expenditures	10,693,000	32,931,000	27,690,000	27,134,000	23,717,000
Apparel '	1,451,500	4,428,000	3,710,400	3,629,200	3,192,900
Contributions	696,000	2,218,000	1,857,300	1,844,700	1,581,100
Education	475,900	1,458,700	1,220,600	1,193,400	1,052,700
Books and supplies	71,700	219,700	184,100	180,400	158,200
Tuition	404,200	1,239,000	1,036,400	1,012,900	894,500
Entertainment	1,341,400	4,142,400	3,470,300	3,410,900	2,977,800
Food and beverages	4,392,900	13,349,400	11,203,800	10,956,000	9,645,200
Food at home	2,601,400	7,876,600	6,603,300	6,448,000	5,693,600
Food away from home	1,542,300	4,696,800	3,949,100	3,866,700	3,394,100
Gifts	778,000	2,401,700	2,022,800	1,982,200	1,729,500
Health care	1,572,700	4,860,100	4,057,800	4,005,200	3,478,000
Household furnishings and equipment		3,179,800	2,671,600	2,624,100	2,288,300
Shelter	4,362,600	13,470,400	11,397,100	11,129,100	9,732,400
Household operations	783,700	2,429,000	2,039,300	2,008,900	1,747,900
Babysitting and elderly care	161,200	491,600	414,100	403,400	355,900
Household services	165,100	527,200	443,800	440,400	376,200
Utilities	2,059,500	6,328,600	5,293,800	5,191,300	4,548,200
2002 Consumer Spending	25009251800	25009250800	25009250900		
2002 Consumer Spending	25009251800	25009250800	25009250900		
Households	2,852	2,182	677		
Households Aggregate household income	2,852 192,262,000	2,182 133,415,000	677 15,071,000		
Households Aggregate household income Total expenditure	2,852 192,262,000 150,348,000	2,182 133,415,000 111,664,000	677 15,071,000 18,032,000		
Households Aggregate household income Total expenditure Total non-retail expenditures	2,852 192,262,000 150,348,000 87,589,000	2,182 133,415,000 111,664,000 65,199,000	677 15,071,000 18,032,000 10,509,000		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures	2,852 192,262,000 150,348,000 87,589,000 62,759,000	2,182 133,415,000 111,664,000 65,199,000 46,466,000	677 15,071,000 18,032,000 10,509,000 7,523,000		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700 2,311,600	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700 2,311,600 7,879,600	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600 5,837,200	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600 936,500		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700 2,311,600 7,879,600 24,959,400	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600 5,837,200 18,671,700	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600 936,500 3,048,300		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700 2,311,600 7,879,600 24,959,400 14,606,500	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600 5,837,200 18,671,700 10,975,200	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600 936,500 3,048,300 1,800,400		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700 2,311,600 7,879,600 24,959,400 14,606,500 8,865,500	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600 5,837,200 18,671,700 10,975,200 6,601,600	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600 936,500 3,048,300 1,800,400 1,071,100		
Households Aggregate household income Total expenditure Total non-retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts	2,852 192,262,000 150,348,000 87,589,000 62,759,000 4,393,800 2,723,400 411,700 2,311,600 7,879,600 24,959,400 14,606,500 8,865,500 4,599,700	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600 5,837,200 18,671,700 10,975,200 6,601,600 3,397,800	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600 936,500 3,048,300 1,800,400 1,071,100 551,900		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700 2,311,600 7,879,600 24,959,400 14,606,500 8,865,500 4,599,700 9,177,400	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600 5,837,200 18,671,700 10,975,200 6,601,600 3,397,800 6,794,900	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600 936,500 3,048,300 1,800,400 1,071,100 551,900 1,104,800		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care Household furnishings and equipment	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700 2,311,600 7,879,600 24,959,400 14,606,500 8,865,500 4,599,700 9,177,400 6,093,900	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600 5,837,200 18,671,700 10,975,200 6,601,600 3,397,800 6,794,900 4,499,700	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600 936,500 3,048,300 1,800,400 1,071,100 551,900 1,104,800 721,200		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Gifts Health care Household furnishings and equipment Shelter	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700 2,311,600 7,879,600 24,959,400 14,606,500 8,865,500 4,599,700 9,177,400 6,093,900 26,089,200	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600 5,837,200 18,671,700 10,975,200 6,601,600 3,397,800 6,794,900 4,499,700 19,180,400	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600 936,500 3,048,300 1,800,400 1,071,100 551,900 1,104,800 721,200 3,095,500		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Gifts Health care Household furnishings and equipment Shelter Household operations	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700 2,311,600 7,879,600 24,959,400 14,606,500 8,865,500 4,599,700 9,177,400 6,093,900 26,089,200 4,702,600	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600 5,837,200 18,671,700 10,975,200 6,601,600 3,397,800 6,794,900 4,499,700 19,180,400 3,453,200	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600 936,500 3,048,300 1,800,400 1,071,100 551,900 1,104,800 721,200 3,095,500 546,600		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care Household furnishings and equipment Shelter Household operations Babysitting and elderly care	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700 2,311,600 7,879,600 24,959,400 14,606,500 8,865,500 4,599,700 9,177,400 6,093,900 26,089,200 4,702,600 933,500	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600 5,837,200 18,671,700 10,975,200 6,601,600 3,397,800 6,794,900 4,499,700 19,180,400 3,453,200 693,200	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600 936,500 3,048,300 1,800,400 1,071,100 551,900 1,104,800 721,200 3,095,500 546,600 113,300		
Households Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies	2,852 192,262,000 150,348,000 87,589,000 62,759,000 8,265,900 4,393,800 2,723,400 411,700 2,311,600 7,879,600 24,959,400 14,606,500 8,865,500 4,599,700 9,177,400 6,093,900 26,089,200 4,702,600	2,182 133,415,000 111,664,000 65,199,000 46,466,000 6,188,500 3,175,800 2,030,400 306,700 1,723,600 5,837,200 18,671,700 10,975,200 6,601,600 3,397,800 6,794,900 4,499,700 19,180,400 3,453,200	677 15,071,000 18,032,000 10,509,000 7,523,000 1,009,900 493,500 341,200 50,500 290,600 936,500 3,048,300 1,800,400 1,071,100 551,900 1,104,800 721,200 3,095,500 546,600		

Table 2 C Consumer Spending Summary per Household by Census Tracts (2002)
Lawrence, Massachusetts

Summary (per household)	25009251000	25009250100	25009251100	25009250200	25009251200
	22.144				20.071
Average household income	23,164	18,333	42,196	58,043	29,371
Total expenditure	27,323	26,545	39,448	47,372	31,554
Total non-retail expenditures	16,006	15,404	22,855	27,671	18,401
Total retail expenditures	11,317	11,141	16,595	19,702	13,151
Apparel	1,529	1,483	2,198	2,628	1,769
Contributions	748	740	1,110	1,344	859
Education	509	517	755	864	592
Books and supplies	76	76	111	130	88
Tuition	433	441	644	734	504
Entertainment	1,421	1,376	2,048	2,477	1,638
Food and beverages	4,623	4,457	6,609	7,933	5,331
Food at home	2,734	2,622	3,880	4,667	3,146
ood away from home	1,622	1,567	2,334	2,802	1,874
Gifts	826	829	1,229	1,439	969
Health care	1,667	1,642	2,434	2,883	1,939
Household furnishings and equipment	1,091	1,062	1,582	1,907	1,264
Shelter	4,616	4,585	6,893	8,131	5,389
Household operations	834	798	1,188	1,466	951
Babysitting and elderly care	172	166	245	295	196
Household services	180	178	261	323	205
TOUSCHOOL SCI FICCS					
Utilities 2002 Consumer Spending	2,181	2,126	3,128	3,757	2,522
Utilities 2002 Consumer Spending	2,181 25009251300	2,126 25009250300	3,128 25009251400	3,757 25009250400	2,522 25009251500
J tilities					
2002 Consumer Spending Summary (per household) Average household income	25009251300	25009250300	25009251400	25009250400	25009251500
2002 Consumer Spending Summary (per household) Average household income Total expenditure	25009251300 21,872	25009250300 42,208	25009251400 50,509	25009250400 23,472	25009251500 51,259
2002 Consumer Spending Summary (per household) Average household income	25009251300 21,872 26,322	25009250300 42,208 38,507	25009251400 50,509 42,755	25009250400 23,472 27,345	25009251500 51,259 43,866
2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures	25009251300 21,872 26,322 15,396	25009250300 42,208 38,507 22,518	25009251400 50,509 42,755 24,999	25009250400 23,472 27,345 15,986	25009251500 51,259 43,866 25,598
Otilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Apparel	25009251300 21,872 26,322 15,396 10,926	25009250300 42,208 38,507 22,518 15,987	25009251400 50,509 42,755 24,999 17,757	25009250400 23,472 27,345 15,986 11,359	25009251500 51,259 43,866 25,598 18,267
Average household income fotal expenditures fotal ron-retail expenditures fotal retail expenditures fotal retail expenditures fotal retail expenditures fotal retail expenditures	25009251300 21,872 26,322 15,396 10,926 1,477	25009250300 42,208 38,507 22,518 15,987 2,152	25009251400 50,509 42,755 24,999 17,757 2,374	25009250400 23,472 27,345 15,986 11,359 1,535	25009251500 51,259 43,866 25,598 18,267 2,436
Outlities Consumer Spending Summary (per household) Average household income Fotal expenditure Fotal non-retail expenditures Fotal retail expenditures Apparel Contributions	25009251300 21,872 26,322 15,396 10,926 1,477 718	25009250300 42,208 38,507 22,518 15,987 2,152 1,058	50,509 42,755 24,999 17,757 2,374 1,207	25009250400 23,472 27,345 15,986 11,359 1,535 739	25009251500 51,259 43,866 25,598 18,267 2,436 1,243
Otilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures	21,872 26,322 15,396 10,926 1,477 718 493	25009250300 42,208 38,507 22,518 15,987 2,152 1,058 711	25009251400 50,509 42,755 24,999 17,757 2,374 1,207 780	23,472 27,345 15,986 11,359 1,535 739 508	25009251500 51,259 43,866 25,598 18,267 2,436 1,243 809
Average household income Total expenditures Total retail expenditures	25009251300 21,872 26,322 15,396 10,926 1,477 718 493 73	42,208 38,507 22,518 15,987 2,152 1,058 711 107	25009251400 50,509 42,755 24,999 17,757 2,374 1,207 780 117	25009250400 23,472 27,345 15,986 11,359 1,535 739 508 76	51,259 43,866 25,598 18,267 2,436 1,243 809 121
Dulities 2002 Consumer Spending Summary (per household) Average household income Fotal expenditure Fotal non-retail expenditures Fotal retail expenditures Apparel Contributions Education Books and supplies Fuition Entertainment	25009251300 21,872 26,322 15,396 10,926 1,477 718 493 73 420	42,208 38,507 22,518 15,987 2,152 1,058 711 107 605	50,509 42,755 24,999 17,757 2,374 1,207 780 117 662	23,472 27,345 15,986 11,359 1,535 739 508 76 431	51,259 43,866 25,598 18,267 2,436 1,243 809 121 687
Outlities 2002 Consumer Spending Summary (per household) Average household income fotal expenditure fotal non-retail expenditures Apparel Contributions Education Shooks and supplies Fuition Entertainment food and beverages	25009251300 21,872 26,322 15,396 10,926 1,477 718 493 73 420 1,369	42,208 38,507 22,518 15,987 2,152 1,058 711 107 605 2,006	50,509 42,755 24,999 17,757 2,374 1,207 780 117 662 2,233	23,472 27,345 15,986 11,359 1,535 739 508 76 431 1,420	25009251500 51,259 43,866 25,598 18,267 2,436 1,243 809 121 687 2,292
Outlities 2002 Consumer Spending Summary (per household) Average household income Fotal expenditure Fotal non-retail expenditures Apparel Contributions Education Books and supplies Fuition Entertainment Food and beverages Food and beverages Food at home	21,872 26,322 15,396 10,926 1,477 718 493 73 420 1,369 4,459 2,639	25009250300 42,208 38,507 22,518 15,987 2,152 1,058 711 107 605 2,006 6,513 3,846	25009251400 50,509 42,755 24,999 17,757 2,374 1,207 780 117 662 2,233 7,179 4,225	23,472 27,345 15,986 11,359 1,535 739 508 76 431 1,420 4,636 2,741	25009251500 51,259 43,866 25,598 18,267 2,436 1,243 809 121 687 2,292 7,346 4,323
Average household income Total expenditures Total non-retail expenditures Total retail expenditu	21,872 26,322 15,396 10,926 1,477 718 493 73 420 1,369 4,459	25009250300 42,208 38,507 22,518 15,987 2,152 1,058 711 107 605 2,006 6,513 3,846 2,292	25009251400 50,509 42,755 24,999 17,757 2,374 1,207 780 117 662 2,233 7,179 4,225 2,536	23,472 27,345 15,986 11,359 1,535 739 508 76 431 1,420 4,636	25009251500 51,259 43,866 25,598 18,267 2,436 1,243 809 121 687 2,292 7,346 4,323 2,591
Outlities 2002 Consumer Spending Summary (per household) Average household income Fotal expenditure Fotal non-retail expenditures Apparel Contributions Education Books and supplies Futition Entertainment Food and beverages Food at home Food away from home Sifts	21,872 26,322 15,396 10,926 1,477 718 493 73 420 1,369 4,459 2,639 1,563 801	25009250300 42,208 38,507 22,518 15,987 2,152 1,058 711 107 605 2,006 6,513 3,846 2,292 1,163	25009251400 50,509 42,755 24,999 17,757 2,374 1,207 780 117 662 2,233 7,179 4,225 2,536 1,295	23,472 27,345 15,986 11,359 1,535 739 508 76 431 1,420 4,636 2,741 1,629 831	51,259 43,866 25,598 18,267 2,436 1,243 809 121 687 2,292 7,346 4,323 2,591 1,337
Average household income Total expenditures Total non-retail expenditures Total retail expenditu	21,872 26,322 15,396 10,926 1,477 718 493 73 420 1,369 4,459 2,639 1,563 801 1,609	42,208 38,507 22,518 15,987 2,152 1,058 711 107 605 2,006 6,513 3,846 2,292 1,163 2,351	50,509 42,755 24,999 17,757 2,374 1,207 780 117 662 2,233 7,179 4,225 2,536 1,295 2,600	23,472 27,345 15,986 11,359 1,535 739 508 76 431 1,420 4,636 2,741 1,629 831	51,259 43,866 25,598 18,267 2,436 1,243 809 121 687 2,292 7,346 4,323 2,591 1,337 2,681
Orbilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Tood away from home Gifts Health care Household furnishings and equipment	21,872 26,322 15,396 10,926 1,477 718 493 73 420 1,369 4,459 2,639 1,563 801 1,609 1,051	42,208 38,507 22,518 15,987 2,152 1,058 711 107 605 2,006 6,513 3,846 2,292 1,163 2,351 1,540	50,509 42,755 24,999 17,757 2,374 1,207 780 117 662 2,233 7,179 4,225 2,536 1,295 2,600 1,719	23,472 27,345 15,986 11,359 1,535 739 508 76 431 1,420 4,636 2,741 1,629 831 1,678 1,093	51,259 43,866 25,598 18,267 2,436 1,243 809 121 687 2,292 7,346 4,323 2,591 1,337 2,681
Outlities	21,872 26,322 15,396 10,926 1,477 718 493 73 420 1,369 4,459 2,639 1,563 801 1,609 1,051 4,459	42,208 38,507 22,518 15,987 2,152 1,058 711 107 605 2,006 6,513 3,846 2,292 1,163 2,351 1,540 6,560	50,509 42,755 24,999 17,757 2,374 1,207 780 117 662 2,233 7,179 4,225 2,536 1,295 2,600 1,719 7,316	23,472 27,345 15,986 11,359 1,535 739 508 76 431 1,420 4,636 2,741 1,629 831 1,678 1,093 4,640	51,259 43,866 25,598 18,267 2,436 1,243 809 121 687 2,292 7,346 4,323 2,591 1,337 2,681 1,764 7,526
Otilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care Household furnishings and equipment Shelter Household operations	21,872 26,322 15,396 10,926 1,477 718 493 73 420 1,369 4,459 2,639 1,563 801 1,609 1,051 4,459 799	25009250300 42,208 38,507 22,518 15,987 2,152 1,058 711 107 605 2,006 6,513 3,846 2,292 1,163 2,351 1,540 6,560 1,174	25009251400 50,509 42,755 24,999 17,757 2,374 1,207 780 117 662 2,233 7,179 4,225 2,536 1,295 2,600 1,719 7,316 1,321	23,472 27,345 15,986 11,359 1,535 739 508 76 431 1,420 4,636 2,741 1,629 831 1,678 1,093 4,640 826	25009251500 51,259 43,866 25,598 18,267 2,436 1,243 809 121 687 2,292 7,346 4,323 2,591 1,337 2,681 1,764 7,526 1,351
Odultities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care Household furnishings and equipment Shelter Household operations Babysitting and elderly care	21,872 26,322 15,396 10,926 1,477 718 493 73 420 1,369 4,459 2,639 1,563 801 1,609 1,051 4,459 799	25009250300 42,208 38,507 22,518 15,987 2,152 1,058 711 107 605 2,006 6,513 3,846 2,292 1,163 2,351 1,540 6,560 1,174 240	25009251400 50,509 42,755 24,999 17,757 2,374 1,207 780 117 662 2,233 7,179 4,225 2,536 1,295 2,600 1,719 7,316 1,321 266	23,472 27,345 15,986 11,359 1,535 739 508 76 431 1,420 4,636 2,741 1,629 831 1,678 1,093 4,640 826	25009251500 51,259 43,866 25,598 18,267 2,436 1,243 809 121 687 2,292 7,346 4,323 2,591 1,337 2,681 1,764 7,526 1,351 274
Otilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care Household furnishings and equipment Shelter Household operations	21,872 26,322 15,396 10,926 1,477 718 493 73 420 1,369 4,459 2,639 1,563 801 1,609 1,051 4,459 799	25009250300 42,208 38,507 22,518 15,987 2,152 1,058 711 107 605 2,006 6,513 3,846 2,292 1,163 2,351 1,540 6,560 1,174	25009251400 50,509 42,755 24,999 17,757 2,374 1,207 780 117 662 2,233 7,179 4,225 2,536 1,295 2,600 1,719 7,316 1,321	23,472 27,345 15,986 11,359 1,535 739 508 76 431 1,420 4,636 2,741 1,629 831 1,678 1,093 4,640 826	25009251500 51,259 43,866 25,598 18,267 2,436 1,243 809 121 687 2,292 7,346 4,323 2,591 1,337 2,681 1,764 7,526 1,351

2002 Consumer Spending Summary (per household)	25009250500	25009251600	25009250600	25009251700	25009250700
Average household income	25,723	47,481	45.132	50.821	45,207
Total expenditure	28,685	41,950	40,373	43,615	40,594
Total non-retail expenditures	16,817	24,527	23,591	25,490	23,749
Total retail expenditures	11,868	17,424	16,782	18,126	16,844
Apparel	1,611	2,343	2,249	2,424	2,268
Contributions	772	1,174	1,126	1,232	1,123
Education	528	772	740	797	748
Books and supplies	80	116	112	121	112
Tuition	449	656	628	677	635
Entertainment	1,489	2,192	2,103	2,278	2,115
Food and beverages	4,876	7,063	6,790	7,319	6,850
Food at home	2,887	4,168	4,002	4,307	4,044
Food away from home	1,712	2,485	2,393	2,583	2,411
Gifts	863	1,271	1,226	1,324	1,228
Health care	1,746	2,571	2,459	2,675	2,470
Household furnishings and equipment	1,144	1,682	1,619	1,753	1,625
Shelter	4,842	7,127	6,907	7,434	6,912
Household operations	870	1,285	1,236	1,342	1,241
Babysitting and elderly care	179	260	251	269	253
Household services	183	279	269	294	267
Utilities 2002 Consumer Spending	183 2,286	279 3,348 25009251800	269 3,208 25009250800	294 3,468 25009250900	267 3,230
Utilities 2002 Consumer Spending		3,348	3,208	3,468	
Utilities 2002 Consumer Spending Summary (per household)		3,348	3,208	3,468	
Utilities 2002 Consumer Spending Summary (per household) Average household income		3,348 25009251800	3,208 25009250800	3,468 25009250900	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure		3,348 25009251800 67,413	3,208 25009250800 61,143	3,468 25009250900 22,261	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures		3,348 25009251800 67,413 52,717	3,208 25009250800 61,143 51,175	3,468 25009250900 22,261 26,635	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures		3,348 25009251800 67,413 52,717 30,711	3,208 25009250800 61,143 51,175 29,880	3,468 25009250900 22,261 26,635 15,523	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel		3,348 25009251800 67,413 52,717 30,711 22,005	3,208 25009250800 61,143 51,175 29,880 21,295	22,261 26,635 15,523 11,112 1,492 729	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions		3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955	3,208 25009250800 61,143 51,175 29,880 21,295 2,836	3,468 25009250900 22,261 26,635 15,523 11,112 1,492 729 504	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies		3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141	22,261 26,635 15,523 11,112 1,492 729 504 75	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition		3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790	22,261 26,635 15,523 11,112 1,492 729 504 75 429	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment		3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811 2,763	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790 2,675	3,468 25009250900 22,261 26,635 15,523 11,112 1,492 729 504 75 429 1,383	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages		3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811 2,763 8,752	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790 2,675 8,557	3,468 25009250900 22,261 26,635 15,523 11,112 1,492 729 504 75 429 1,383 4,503	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home		3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811 2,763 8,752 5,121	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790 2,675 8,557 5,030	3,468 25009250900 22,261 26,635 15,523 11,112 1,492 729 504 75 429 1,383 4,503 2,659	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home		3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811 2,763 8,752 5,121 3,109	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790 2,675 8,557 5,030 3,025	3,468 22,261 26,635 15,523 11,112 1,492 729 504 75 429 1,383 4,503 2,659 1,582	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts		3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811 2,763 8,752 5,121 3,109 1,613	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790 2,675 8,557 5,030 3,025 1,557	3,468 25009250900 22,261 26,635 15,523 11,112 1,492 729 504 75 429 1,383 4,503 2,659 1,582 815	
Household services Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care	2,286	3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811 2,763 8,752 5,121 3,109 1,613 3,218	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790 2,675 8,557 5,030 3,025 1,557 3,114	3,468 22,261 26,635 15,523 11,112 1,492 729 504 75 429 1,383 4,503 2,659 1,582 815 1,632	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care Household furnishings and equipment	2,286	3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811 2,763 8,752 5,121 3,109 1,613 3,218 2,137	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790 2,675 8,557 5,030 3,025 1,557 3,114 2,062	3,468 22,261 26,635 15,523 11,112 1,492 729 504 75 429 1,383 4,503 2,659 1,582 815 1,632 1,065	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care Household furnishings and equipment Shelter	2,286	3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811 2,763 8,752 5,121 3,109 1,613 3,218 2,137 9,148	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790 2,675 8,557 5,030 3,025 1,557 3,114 2,062 8,790	3,468 22,261 26,635 15,523 11,112 1,492 729 504 75 429 1,383 4,503 2,659 1,582 815 1,632 1,065 4,572	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care Household furnishings and equipment Shelter Household operations	2,286	3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811 2,763 8,752 5,121 3,109 1,613 3,218 2,137 9,148 1,649	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790 2,675 8,557 5,030 3,025 1,557 3,114 2,062 8,790 1,583	3,468 22,261 26,635 15,523 11,112 1,492 729 504 75 429 1,383 4,503 2,659 1,582 815 1,632 1,065 4,572 807	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Total retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care Household furnishings and equipment Shelter Household operations Babysitting and elderly care	2,286	3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811 2,763 8,752 5,121 3,109 1,613 3,218 2,137 9,148 1,649 327	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790 2,675 8,557 5,030 3,025 1,557 3,114 2,062 8,790 1,583 318	3,468 25009250900 22,261 26,635 15,523 11,112 1,492 729 504 75 429 1,383 4,503 2,659 1,582 815 1,632 1,065 4,572 807 167	
Utilities 2002 Consumer Spending Summary (per household) Average household income Total expenditure Total non-retail expenditures Apparel Contributions Education Books and supplies Tuition Entertainment Food and beverages Food at home Food away from home Gifts Health care Household furnishings and equipment	2,286	3,348 25009251800 67,413 52,717 30,711 22,005 2,898 1,541 955 144 811 2,763 8,752 5,121 3,109 1,613 3,218 2,137 9,148 1,649	3,208 25009250800 61,143 51,175 29,880 21,295 2,836 1,455 931 141 790 2,675 8,557 5,030 3,025 1,557 3,114 2,062 8,790 1,583	3,468 22,261 26,635 15,523 11,112 1,492 729 504 75 429 1,383 4,503 2,659 1,582 815 1,632 1,065 4,572 807	

Appendix D: City of Lowell, Massachusetts By Census Tracts



Appendix E: Assets in 2001 by Households and Cenus Tracts & Summary of Consumer Spending in 2002 in Lowell

Table 1 C Assets in 2001 by Households and Census Tracts				
Household Finances	Lowell	250173112	250173111	
Aggregate Value of Assets				
Transaction Accounts Certificates of Deposit Savings Bonds Bonds (Not US Savings) Stocks Mutual Funds Retirement Accounts Cash Value Life Insurance Other Managed Accounts Other Financial Assets Any Financial Assets Vehicles Owned Home Equity Investment Property Equity Business Equity Other Non-Financial Assets	\$396,749,000 \$389,800,000 \$27,086,000 \$215,990,000 \$225,303,000 \$140,614,000 \$794,973,000 \$191,298,000 \$193,389,000 \$84,615,000 \$2,659,703,000 \$895,934,000 \$6,908,840,000 \$1,404,740,000 \$1,384,792,000 \$116,334,000	\$9,133,000 \$9,552,000 \$698,000 \$4,503,000 \$4,854,000 \$17,370,000 \$4,672,000 \$4,672,000 \$1,903,000 \$60,084,000 \$24,377,000 \$167,660,000 \$34,283,000 \$30,424,000 \$2,860,000	\$4,583,000 \$4,912,000 \$385,000 \$2,197,000 \$2,433,000 \$1,387,000 \$8,481,000 \$2,439,000 \$2,377,000 \$928,000 \$30,119,000 \$13,221,000 \$86,530,000 \$17,417,000 \$14,423,000 \$1,450,000	
Any Non-Financial Assets Aggregate Value of Debts	\$10,710,590,000	\$259,600,000	\$133,040,000	
Mortgage Debt Installment Loan Debt Lines of Credit Debt Credit Card Debt Investment Real Estate Debt Other Debt	\$1,906,365,000 \$49,820,000 \$134,306,000 \$67,262,000 \$118,050,000 \$21,250,000	\$45,541,000 \$1,187,000 \$3,498,000 \$1,875,000 \$3,324,000 \$520,000	\$23,769,000 \$609,000 \$1,904,000 \$1,031,000 \$1,800,000 \$259,000	
Total Debts	\$2,296,986,000	\$55,942,000	\$29,371,000	
Total Net Worth	\$4,611,758,000	\$111,713,000	\$57,153,000	

Table 2 C Summary of Consumer Spending for Lowell, Massachusetts and Census Tracts 3111 and 3112 (2002)

Summary of Consumer Spending (2002)	Lowell	250173112.00	250173111.00
Households	37,970	1,070	546
Aggregate household income Total expenditure Total non-retail expenditures Total retail expenditures	2,177,564,000 1,798,050,000 1,048,860,000 749,192,000	33,071,000 33,904,000 19,857,000 14,047,000	18,560,000 18,609,000 10,925,000 7,684,000
Apparel Contributions	99,555,700 52,377,700	1,904,300 977,700	1,049,300 528,400
Education	32,766,100	624,700	339,200
Books and supplies Fuition	4,960,900	95,500	52,200
Iuition Intertainment	27,804,800 94.535.300	529,100 1,792,300	287,000 983,200
Food and beverages	299,469,300	5,712,400	3,148,800
ood and beverages ood at home	175,874,600	3,381,600	1,868,600
Food away from home	105.829.800	1.996.500	1,099,200
New text line	103,027,000	1,770,300	1,077,200
Gifts	54.641.000	1.009.900	549.600
Health care	110,767,700	2,162,700	1,182,900
HH furnishings &equipment	72,722,400	1,357,500	744,200
Shelter	308,466,700	5,613,600	3,060,000
Household operations	56,056,300	1,040,300	569,500
Babysitting and elderly care	11,144,900	205,800	113,000
Household services	12,566,800	228,900	122,900
Jtilities	142,764,500	2,731,400	1,500,300

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