

9-1-2001

Economic patterns in Hillsborough County in 1997 : Hillsborough County zip code business, employment and farm patterns analysis / : prepared for Hillsborough County Economic Development Department by Center for Economic Development Research, College of Business Administration, University of South Florida

University of South Florida. Center for Economic Development Research

Follow this and additional works at: http://scholarcommons.usf.edu/business_pub

 Part of the [Business Commons](#)

Scholar Commons Citation

University of South Florida. Center for Economic Development Research, "Economic patterns in Hillsborough County in 1997 : Hillsborough County zip code business, employment and farm patterns analysis / : prepared for Hillsborough County Economic Development Department by Center for Economic Development Research, College of Business Administration, University of South Florida" (2001). *College of Business Publications*. Paper 34.
http://scholarcommons.usf.edu/business_pub/34

This Article is brought to you for free and open access by the College of Business at Scholar Commons. It has been accepted for inclusion in College of Business Publications by an authorized administrator of Scholar Commons. For more information, please contact scholarcommons@usf.edu.

Economic Patterns in Hillsborough County in 1997: Hillsborough County Zip Code Business, Employment and Farm Patterns Analysis

Prepared for
Hillsborough County Economic Development Department

By
CENTER FOR ECONOMIC DEVELOPMENT RESEARCH
College of Business Administration



USF Downtown Center

1101 Channelside Dr., 2nd Floor N., Tampa, Florida 33602
Office: (813) 905-5854 or Fax: (813) 905-5856

September, 2001

Table of Contents

Preface	ii
Introduction.....	1
Data Sources and Methodology	2
Zip Code Business Pattern Data.....	2
U.S. Census of Agriculture Data	2
Zip Code Definition	3
Methodology	3
Analysis	5
Business Establishments	5
Employment.....	6
Farms and Principal Occupation Farmers.....	6
Conclusions.....	7
Appendix A. Table 1	8
Appendix B. Maps	14

Preface

Hillsborough County, located on the Central-West Coast of Florida, covers over 1,000 square miles. By population, it is the 35th largest county in the United States with 998,948 residents as of the April 2000 Census. The County contains three incorporated cities: Plant City, Temple Terrace and Tampa. Land area not in an incorporated city is under the sole jurisdiction of the County government. This analysis and report was commissioned by the Economic Development Department of the Hillsborough County government and performed by the Center for Economic Development Research, College of Business Administration, University of South Florida. The purpose of this report is to present business, employment and farm data for Hillsborough County by 5-digit Postal Office zip code and to estimate the distribution of business, employment and farm data by sub-county political jurisdiction. The Center for Economic Development Research provides information and conducts research on issues related to economic growth and development in the Nation, in the state of Florida, and particularly in the central Florida region. The Center serves the faculty, staff and students of the College of Business Administration, the University, and individuals and organizations in the University's service area. Activities of the Center for Economic Development Research are designed to further the objectives of the University and specifically the objectives of the College of Business Administration.

Robert Anderson, Dean, College of Business Administration (COBA), USF
Kenneth Wieand, Director, Center for Economic Development Research (CEDR), COBA, USF
Gina Space, Economist and Principal Investigator, CEDR, COBA, USF

Introduction

The Center for Economic Development Research performed this analysis of the business and employment distribution patterns within Hillsborough County for the Economic Development Department of Hillsborough County. The Economic Development Department requested this analysis in order to provide data to support policy development and analysis in a number of areas. Business and employment data provide substantial information on commuting patterns and land use patterns. This information is important for transportation planning, land use decisions, tax planning and resource allocation.

This analysis summarizes and reports data contained in the attached Table 1 and in five individual maps. The data in Table 1 was extracted from the ZIP Code Business Patterns 1997 CD-ROM and the U.S. Census of Agriculture Zip Code Table for the state of Florida. The data in Table 1 was tabulated and mapped by zip code for all of Hillsborough County; however, not all zip codes in Table 1 are represented on the maps. (See section on Zip Code Definitions.)

Data Sources and Methodology

Zip Code Business Pattern Data

The 1997 Zip Code Business Patterns, published in May 2000 by the Economics and Statistics Administration of the U.S. Department of Commerce, was used in this analysis. The data cover all private business establishments with one or more paid employees. Data are not included for self-employed persons, domestic service workers, railroad employees, agriculture production workers and most government employees. For example, the data for zip code 33620, which includes the University of South Florida's Tampa Campus, does not reflect the large number of employees at USF, because these employees are government employees.

The data on business establishments and total employment is categorized by zip code and 4 digit SIC code. For the purposes of this analysis, data for all SIC codes have been combined by zip code. Future analyses will disaggregate the data to reflect industry patterns. Business establishments are defined as: "a single physical location at which business is conducted or services or industrial operations are performed." Thus, a single business establishment could be only one of several branches of a corporation and is not a measure of the number of companies in a geographic area.

Total employment is measured as of the pay period which includes March 12, 1997 and covers all full- and part-time employees, and salaried officers and executives of corporations. Employees on paid leave are also included in the count. Proprietors and partners of unincorporated businesses are not included.

U.S. Census of Agriculture Data

The Census of Agriculture is conducted every five years by the U.S. Department of Agriculture. The 1997 Census of Agriculture Zip Code tabulation covers all farms in all 50 states. The Census was conducted in 1998 and refers to farms and farming activity conducted in 1997. The Census of Agriculture defines a farm as "any place from which \$1,000 or more of agricultural products were produced or sold, or normally would have been sold during the census year."

The zip code tabulation data has some limitations, including the method used to gather the data. The data is collected using mailing addresses and there are some instances in which the mailing address zip code for a farm is not the same as, or included in, the zip code where the farm is located (i.e. post office boxes, other business addresses, etc.). Thus, a farm may be reported in a central business district since the farm owner receives business mail there, but the farm can be physically located miles away.

Additionally, zip codes with fewer than five farms are aggregated in a separate category for each state and are not reported for the zip code of record. Likewise, zip codes with

no farms do not appear in the zip code tabulation. In Table 1 of this analysis, there are zip codes with no data (indicated by an X in the data cell). A lack of data should not be taken as an indication of no farms or farming activity, because such zip code could contain fewer than four farms. Alternatively, one cannot assume that a small number of farms exist in zip codes with no data.

Zip Code Definition

The zip code locations and boundaries were identified using ESRI's ArcView Geographic Information System, a desktop mapping software program. These zip codes were released on the 1999 data and maps CD under license to ESRI from Geographic Data Technology, Inc. and are based primarily on 1998 U.S. Postal Service data. As zip codes and boundaries change from time to time, it is important to keep in mind that these are 1998 zip codes. However, since the business and farm data are from 1997, a high amount of geographic consistency is expected throughout the data.

As noted in Table 1 by the symbol ✕, some zip codes in ESRI's database are point zip codes. These zip codes are generally zip codes exclusively containing Post Office Box addresses. Because of their small size relative to the map, the point zip codes and associated data are not shown on the map.

There are two zip codes in Table 1 which have business establishment and employment data from the Zip Code Business Patterns, yet do not have point or boundary information in the ESRI database. These zip codes (33600 and 33695) are not identified on the U.S. Postal Service's web site. Prior zip code guides indicate the general location within the County. However, these zip codes are not identified on the maps.

Methodology

There are several zip codes in Hillsborough County which cross political jurisdiction boundaries. For example, some zip codes contain addresses in three different jurisdictions: unincorporated Hillsborough County, the City of Tampa and the City of Temple Terrace. Since the business pattern data is released by zip code, it was necessary to estimate the number of business establishments and employment in each political jurisdiction within the County.

The first step in estimation was to calculate the percentage of land area in each political jurisdiction relative to a zip code. (Land area was calculated using the measurement tool in ArcView and, where applicable, the Census Bureau's published land area for census tracts.) This percentage was then applied to the data for that zip code. The result is an estimate of the number of businesses and employment contained in each political jurisdiction's portion of each zip code.

This technique necessarily assumes that businesses and employment are uniformly distributed throughout each zip code area. While this assumption is unrealistic, there is no systematic bias in using this technique, which is expected to randomly result in underestimation in some places and overestimation in others. Additionally, given the number of establishments and employment in the County and number of estimates calculated, it is likely that the net effect is negligible.

Land allocation percentages calculated using the above methodology are indicated in Table 1 under the “notes” column. The resulting allocation of data is shown in the same row.

The identical technique was used to allocate data for zip codes which contain land area outside of Hillsborough County (33549, 33556, and 33834). The land allocation percentages are not shown in the table, but these zip codes are noted with an “A” in the “notes” column to indicate the data was adjusted. The zip codes’ data were reduced by 35.8%, 19.3% and 84.2%, respectively, and it is the reduced figures that are shown in Table 1.

Analysis

We estimate that there are 25,800 private businesses in Hillsborough County, including all incorporated political subdivisions, employing 470,573 persons. Estimates show Hillsborough County containing 2,695 farms with 1,250 persons with farming as their principal occupation. Of these totals, an estimated 13,696 establishments, 221,113 employees, 2,340 farms and 1,104 principal occupation farmers are in the unincorporated portion of Hillsborough County. (See Table 1 below.) By these estimates, the unincorporated portion of Hillsborough County contains 53.1% of all business establishments, 47.0% of all employment, 86.8% of all farms and 88.4% of all principal occupation farmers.

The City of Tampa contains an estimated 11,395 business establishments, 237,029 employees, 210 farms and 77 principal occupation farmers. The City of Tampa contains a smaller proportion of the County's business establishments than the unincorporated County (44.2% to 53.1%), but a larger proportion of the employment (50.4% to 47.0%). This reflects the higher structural density for commercial office space in locations within the City of Tampa in places such as the Central Business District and much of Westshore.

The farm distribution also reflects land use values and patterns. The majority (88.4%) of farms and principal occupation farmers (85.5%) are located in unincorporated Hillsborough County. The remainder is split mostly between Plant City (4.8%) and the City of Tampa (7.8%). However, the relatively high number of farms in the data for Tampa is most likely a result of farm owners' mailing addresses in City zip codes, rather than actual farming activity in the City.

Business Establishments

Eight zip codes in Hillsborough County contain over 1,000 business establishments. Of these, two zip codes are exclusively in unincorporated Hillsborough County (33511 and 33618) and two are in the City of Tampa (33609 and 33602). The largest number of businesses in unincorporated Hillsborough County is the Brandon area with 1,326, followed by Carrollwood with 1,002. The City of Tampa's businesses are concentrated in the Westshore area, which contains 1,649 establishments, and downtown Tampa, which is home to 1,152 establishments.

The other four zip codes with more than 1,000 business establishments are not exclusive to a single political jurisdiction; these zip codes have areas in both the unincorporated County and Tampa. In these zip codes, we estimate that the City of Tampa has contains 3,202 business establishments and the unincorporated County contains 2,497. However, the unincorporated County contains several other large zip codes with a substantial number of businesses. As a result, we estimate that the unincorporated County contains 2,301 more business establishments than the City of Tampa.

Employment

Two zip codes in Hillsborough County contain over 50,000 employees: 33607 with 58,112; and 33619 with 54,093. Zip code 33607 is almost entirely in the City of Tampa (96.5%) and the majority of 33619 lies in unincorporated Hillsborough County (86.6%). Several other zip codes which encompass parts of both unincorporated Hillsborough County and the City of Tampa contain large numbers of employees. Although there are a large number of establishments distributed throughout much of the County, employment in the unincorporated portion of Hillsborough County is concentrated around the City of Tampa boundaries.

Total employment in the City of Tampa is estimated to be slightly greater than that in the unincorporated County. The employment distribution reflects high structural density buildings in the downtown area (zip code 33602) and the Westshore business district (33609 and 33607), which contain larger business establishments with more employees per firm.

Farms and Principal Occupation Farmers

Unincorporated Hillsborough County contains by far the largest number of farms and principal occupation farmers in the county. The unincorporated portion of the County contains 2,340 farms, or nearly 87% of all farms in the County, and 1,104 principal occupation farmers. Tampa registers 210 farms and 77 principal occupation farmers; however, it is difficult to discern if that is a result of the mailing list method of data collection or if there are active farms within the City of Tampa. Plant City contains 128 farms and 64 principal occupation farmers.

As expected, farms and farmers are concentrated in the eastern and southern parts of Hillsborough County. A relatively large number of farms appear also in the northwest portion of Hillsborough County.

While there are a substantial number of principal occupation farmers in Hillsborough County, it is important to note that more farm owners have occupations other than farming. This could be an indication of lifestyle farmers, tenant farming and/or an inability to generate sufficient income from farming alone. Further study would be required to draw conclusions.

Conclusions

We estimate that the unincorporated portion of Hillsborough County contains the majority of: business establishments (53.1%) in the County; farms (86.8%); and farmers, both principal occupation farmers (88.4%) and farmers with other occupations (85.5%). The City of Tampa contains just slightly more than half of all employment in the county, with 50.4%. The unincorporated County's employment comes in a close second to Tampa with 47.0% of all County employment. Plant City and Temple Terrace contain less than 3% of business establishments and employment.

Appendix A. Table 1

Hillsborough County Zip Code Business and Farm Patterns								
ZIP	Notes	Number of Business Establishments	Total Employment	#Farms	Principal Occupation Farmer	Other Principal Occupation	% FT Farmers	Political Jurisdiction
Hillsborough County Exclusively								
33503		6	193	41	29	12	70.7%	Hillsborough County Exclusively
33509	✳	93	697	18	6	12	33.3%	Hillsborough County Exclusively
33510		256	1,532	22	9	13	40.9%	Hillsborough County Exclusively
33511		1,326	17,551	72	31	41	43.1%	Hillsborough County Exclusively
33527		126	1,491	217	119	98	54.8%	Hillsborough County Exclusively
33530		4	15	13	5	8	38.5%	Hillsborough County Exclusively
33534		96	500	25	15	10	60.0%	Hillsborough County Exclusively
33547		60	557	231	94	137	40.7%	Hillsborough County Exclusively
33548	✳	43	169	X	X	X	X	Hillsborough County Exclusively
33549	A	445	2,582	80	30	49	37.9%	Hillsborough County Exclusively
33550		29	173	9	1	8	11.1%	Hillsborough County Exclusively
33556	A	239	2,293	102	46	56	45.2%	Hillsborough County Exclusively
33568		75	580	X	X	X	X	Hillsborough County Exclusively
33569		335	3,281	123	56	67	45.5%	Hillsborough County Exclusively
33570		239	3,536	82	56	26	68.3%	Hillsborough County Exclusively
33571		13	45	6	4	2	66.7%	Hillsborough County Exclusively
33572		167	1,338	6	2	4	33.3%	Hillsborough County Exclusively
33573		159	2,579	X	X	X	X	Hillsborough County Exclusively
33583		40	651	X	X	X	X	Hillsborough County Exclusively
33584		274	4,046	81	32	49	39.5%	Hillsborough County Exclusively
33586		11	287	5	4	1	80.0%	Hillsborough County Exclusively
33587		6	16	20	11	9	55.0%	Hillsborough County Exclusively
33594		448	3,561	97	42	55	43.3%	Hillsborough County Exclusively
33595		40	207	X	X	X	X	Hillsborough County Exclusively
33598		64	358	84	44	40	52.4%	Hillsborough County Exclusively
33615		607	5,683	5	1	4	20.0%	Hillsborough County Exclusively
33618		1,002	14,665	14	3	11	21.4%	Hillsborough County Exclusively
33624		783	6,701	19	7	12	36.8%	Hillsborough County Exclusively
33625		237	2,013	34	12	22	35.3%	Hillsborough County Exclusively
33626		186	3,849	6	3	3	50.0%	Hillsborough County Exclusively
33635		107	404	X	X	X	X	Hillsborough County Exclusively
33685	✳	52	320	X	X	X	X	Hillsborough County Exclusively
33688	✳	91	471	8	5	3	62.5%	Hillsborough County Exclusively
33694	✳	15	108	X	X	X	X	Hillsborough County Exclusively
33695	‡	1	Less than 20 *	X	X	X	X	Hillsborough County Exclusively
33834	A	8	69	30	16	14	52.7%	Hillsborough County Exclusively
Subtotal		7,683	82,521	1,449	683	766	47.1%	Subtotal Hillsborough County Exclusively

City of Tampa Exclusively								
33600	‡	16	206	X	X	X	X	City of Tampa Exclusively
33601	✖	110	2,319	19	6	13	31.6%	City of Tampa Exclusively
33602		1,152	27,438	13	3	10	23.1%	City of Tampa Exclusively
33603		437	5,489	8	4	4	50.0%	City of Tampa Exclusively
33604		662	5,851	7	3	4	42.9%	City of Tampa Exclusively
33605		731	11,901	6	1	5	16.7%	City of Tampa Exclusively
33606		924	18,971	21	10	11	47.6%	City of Tampa Exclusively
33608		25	282	X	X	X	X	City of Tampa Exclusively
33609		1,649	25,378	20	10	10	50.0%	City of Tampa Exclusively
33611		540	8,861	20	5	15	25.0%	City of Tampa Exclusively
33616		66	1,187	X	X	X	X	City of Tampa Exclusively
33620		13	338	X	X	X	X	City of Tampa Exclusively
33621		14	765	X	X	X	X	City of Tampa Exclusively
33629		778	11,994	43	16	27	37.2%	City of Tampa Exclusively
33651	✖	1	Less than 20 *	X	X	X	X	City of Tampa Exclusively
33655	✖	3	19	X	X	X	X	City of Tampa Exclusively
33672	✖	13	50	X	X	X	X	City of Tampa Exclusively
33673	✖	11	283	X	X	X	X	City of Tampa Exclusively
33674	✖	18	122	X	X	X	X	City of Tampa Exclusively
33675	✖	48	537	X	X	X	X	City of Tampa Exclusively
33679	✖	64	222	5	3	2	60.0%	City of Tampa Exclusively
33681	✖	12	34	X	X	X	X	City of Tampa Exclusively
33686	✖	6	71	X	X	X	X	City of Tampa Exclusively
33690	✖	6	4	X	X	X	X	City of Tampa Exclusively
Subtotal		7,299	122,322	162	61	101	37.7%	Subtotal City of Tampa Exclusively

Plant City/Hillsborough County Shared Zip Codes								
33564		77	899	68	28	40	41.2%	Plant City/Hillsborough County Total
PC %	7.5%	6	67	5	2	3	41.2%	Plant City Portion
HC %	92.5%	71	832	63	26	37	41.2%	Hillsborough County Portion
33565		167	1,313	365	164	201	44.9%	Plant City/Hillsborough County Total
PC %	1.6%	3	21	6	3	3	44.9%	Plant City Portion
HC %	98.4%	164	1,292	359	161	198	44.9%	Hillsborough County Portion
33566		583	10,834	158	76	82	48.1%	Plant City/Hillsborough County Total
PC %	52.9%	308	5,731	84	40	43	48.1%	Plant City Portion
HC %	47.1%	275	5,103	74	36	39	48.1%	Hillsborough County Portion

33567		295	3,899	273	152	121	55.7%	Plant City/Hillsborough County Total
PC %	12.4%	37	483	34	19	15	55.7%	Plant City Portion
HC %	87.6%	258	3,416	239	133	106	55.7%	Hillsborough County Portion
Subtotals of Plant City/Hillsborough County Shared Zip Codes								
PC		353	6,303	128	64	65	49.7%	Plant City Portion Total
HC		769	10,642	736	356	379	48.4%	Hillsborough County Portion Subtotal of Plant City/HC Shared Zip Codes

Tampa/Hillsborough County Total Shared Zip Codes								
33592		134	1,314	72	30	42	41.7%	Tampa/Hillsborough County Total
T %	5.6%	8	74	4	2	2	41.7%	Tampa Portion
HC %	94.4%	126	1,240	68	28	40	41.7%	Hillsborough County Portion
33607								
33607		1,614	58,112	7	0	7	0.0%	Tampa/Hillsborough County Total
33622	✖	54	867	X	X	X	X	IN 33607
33623	✖	25	774	X	X	X	X	IN 33607
33630	✖	26	1,819	X	X	X	X	IN 33607
33631	✖	8	452	X	X	X	X	IN 33607
33633	✖	1	Less than 20 *	X	X	X	X	IN 33607
33650	✖	1	Less than 20 *	X	X	X	X	IN 33607
33677	✖	12	104	X	X	X	X	IN 33607
Total 33607		1,741	62,128	7	-	7	0.0%	Total Zip Code 33607
T %	96.5%	1,679	59,929	7	-	7	0.0%	Tampa Portion
HC %	3.5%	62	2,199	0	-	0	0.0%	Hillsborough County Portion
33610								
33610		860	18,403	23	9	14	39.1%	Tampa/Hillsborough County Total
33680	✖	36	586	X	X	X	X	In 33610
Total 33610		896	18,989	23	9	14	39.1%	Total Zip Code 33610
T %	36.7%	329	6,969	8	3	5	39.1%	Tampa Portion
HC %	63.3%	567	12,020	15	6	9	39.1%	Hillsborough County Portion
33612								
33612		1,244	36,807	9	4	5	44.4%	Tampa/Hillsborough County Total
33682	✖	61	639	X	X	X	X	IN 33612
33697	✖	1	Less than 20 *	X	X	X	X	IN 33612
Total 33612		1,306	37,446	9	4	5	44.4%	Total Zip Code 33612
T %	63.3%	827	23,703	6	3	3	44.4%	Tampa Portion
HC %	36.7%	479	13,743	3	1	2	44.4%	Hillsborough County Portion
33613								
33613		569	8,344	11	5	6	45.5%	Tampa/Hillsborough County Total
T %	7.0%	40	584	1	0	0	45.5%	Tampa Portion
HC %	93.0%	529	7,760	10	5	6	45.5%	Hillsborough County Portion

33614		1,381	20,332	9	6	3	66.7%	Tampa/Hillsborough County Total
T %	38.1%	526	7,746	3	2	1	66.7%	Tampa Portion
HC %	61.9%	855	12,586	6	4	2	66.7%	Hillsborough County Portion
33619		1,271	54,093	26	11	15	42.3%	Tampa/Hillsborough County
T %	13.4%	170	7,248	3	1	2	42.3%	Tampa Portion
HC %	86.6%	1,101	46,845	23	10	13	42.3%	Hillsborough County Portion
33634		982	24,375	7	6	1	85.7%	Tampa/Hillsborough County Total
33684	✳	77	985	X	X	X	X	In 33634
Total 33634		1,059	25,360	7	6	1	85.7%	Total Zip Code 33634
T %	12.0%	127	3,043	1	1	0	85.7%	Tampa Portion
HC %	88.0%	932	22,317	6	5	1	85.7%	Hillsborough County Portion
33647		288	2,648	7	1	6	14.3%	Tampa/Hillsborough County Total
T %	57.1%	164	1,512	4	1	3	14.3%	Tampa Portion
HC %	42.9%	124	1,136	3	0	3	14.3%	Hillsborough County Portion
Subtotal of Tampa/Hillsborough County Total Shared Zip Codes								
T		3,870	110,809	37	13	25	34.5%	City of Tampa Portion Subtotal
HC		4,775	119,845	134	59	74	44.2%	Hillsborough County Portion Subtotal

Tampa/ Temple Terrace/Hillsborough County Shared Zip Codes								
33617		771	9,319	39	13	26	33.3%	Tampa/ Temple Terrace/Hillsborough County
33687	✳	65	626	X	X	X	X	In 33617
33637		215	8,186	10	1	9	10.0%	Tampa/ Temple Terrace/Hillsborough County
Total 33617 and 33637 **		1,051	18,131	49	14	35	28.6%	Total Zip Codes 33617 and 33637
T %	21.5%	226	3,898	11	3	8	28.6%	Tampa Portion
HC %	44.7%	470	8,105	22	6	16	28.6%	Hillsborough County Portion
TT %	33.8%	355	6,128	17	5	12	28.6%	Temple Terrace Portion
Subtotal of Tampa/ Temple Terrace/Hillsborough County Shared Zip Codes								
T		226	3,898	11	3	8	28.6%	City of Tampa Portion Subtotal
HC		470	8,105	22	6	16	28.6%	Hillsborough County Subtotal
TT		355	6,128	17	5	12	28.6%	Temple Terrace Subtotal

SUMMARY								
Hillsborough County								
Subtotal		7,683	82,521	1,449	683	766	47.1%	Subtotal Hillsborough County Exclusively
HC		769	10,642	736	356	379	48.4%	Hillsborough County Portion Subtotal of Plant City/HC Shared Zip Codes
HC		4,775	119,845	134	59	74	44.2%	Hillsborough County Portion Subtotal of Tampa/HC Shared Zip Codes
HC		470	8,105	22	6	16	28.6%	Hillsborough County Portion Subtotal of Tampa/ Temple Terrace/HC Shared Zip Codes
Hillsborough County ESTIMATED TOTAL								
		13,696	221,113	2,340	1,104	1,236	47.2%	
City of Tampa								
Subtotal		7,299	122,322	162	61	101	37.7%	Subtotal City of Tampa Exclusively
T		3,870	110,809	37	13	25	34.5%	City of Tampa Portion Subtotal of Tampa/HC Shared Zip Codes
T		226	3,898	11	3	8	28.6%	City of Tampa Portion Subtotal of Tampa/ Temple Terrace/HC Shared Zip Codes
City of Tampa ESTIMATED TOTAL								
		11,395	237,029	210	77	133	36.6%	
City of Temple Terrace								
TT		355	6,128	17	5	12	28.6%	Temple Terrace Portion Subtotal of Tampa/ Temple Terrace/HC Shared Zip Codes
City of Temple Terrace ESTIMATED TOTAL								
		355	6,128	17	5	12	28.6%	
City of Plant City								
PC		353	6,303	128	64	65	49.7%	Plant City Portion Subtotal of Plant City/HC Shared Zip Codes
City of Plant City ESTIMATED TOTAL								
		353	6,303	128	64	65	49.7%	
Total for All of Hillsborough County								
		25,800	470,573	2,695	1,250	1,445		

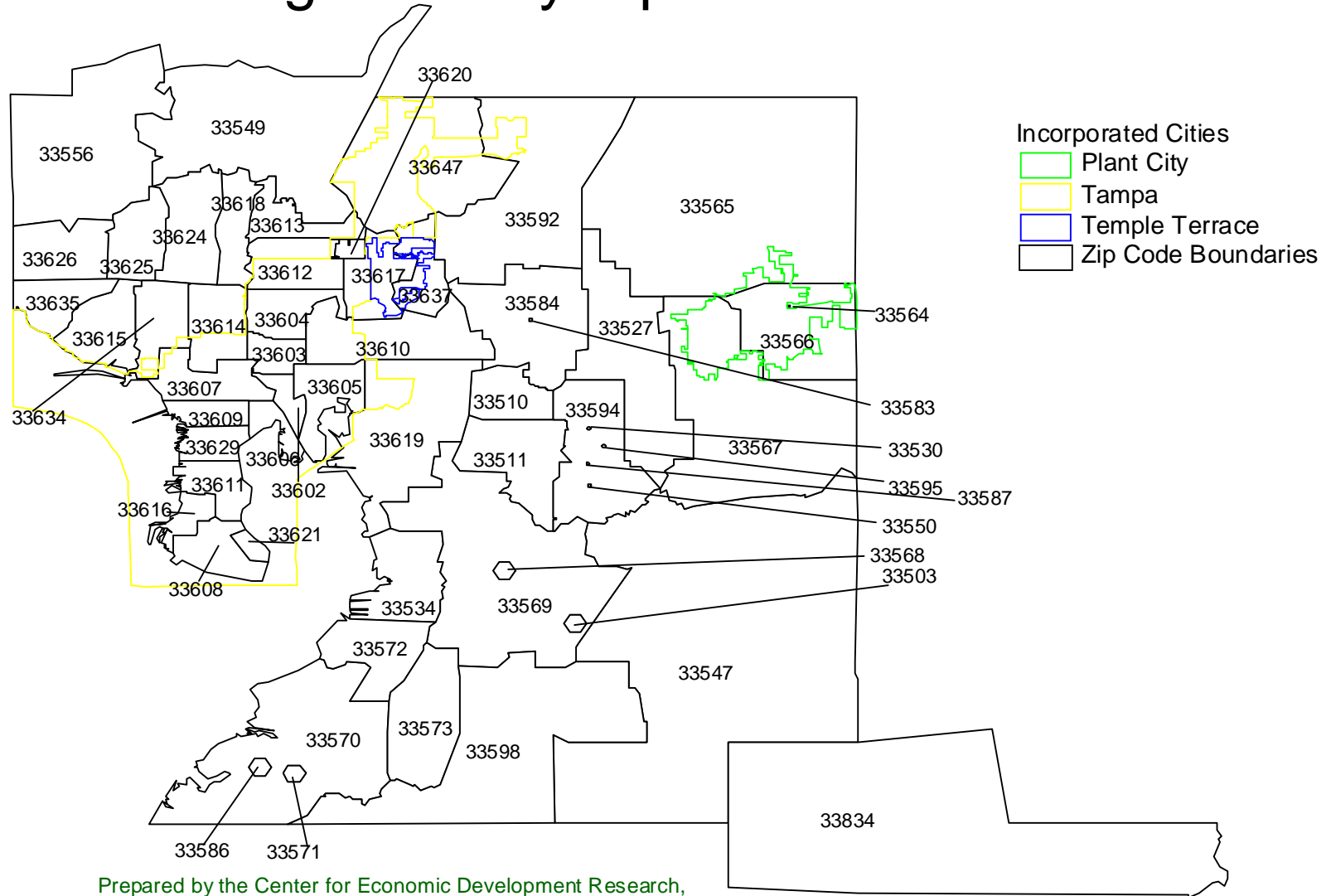
Notes:

- * Data withheld to avoid disclosure, but coded as less than 20 employees.
- ** Zip Codes 33617 and 33637 were combined for more accurate estimations of area in each jurisdiction.
- ‡ Zip Code is not in the ESRI database.
- ⌘ Zip Code is in the ESRI US point database, but not in the Florida polygon database.
- X No data reported.
- A Data adjusted to exclude non-Hillsborough County land area.

Sources: ESRI ArcView 1999 Data and Maps (for zip codes and boundaries), 1997 Zip Code Business Patterns, US Bureau of the Census (for business establishments and employment), and 1997 Census of Agriculture, US Department of Agriculture, National Agriculture Statistics Service (for farms, and farmer occupations).

Appendix B. Maps

Hillsborough County Zip Code Boundaries



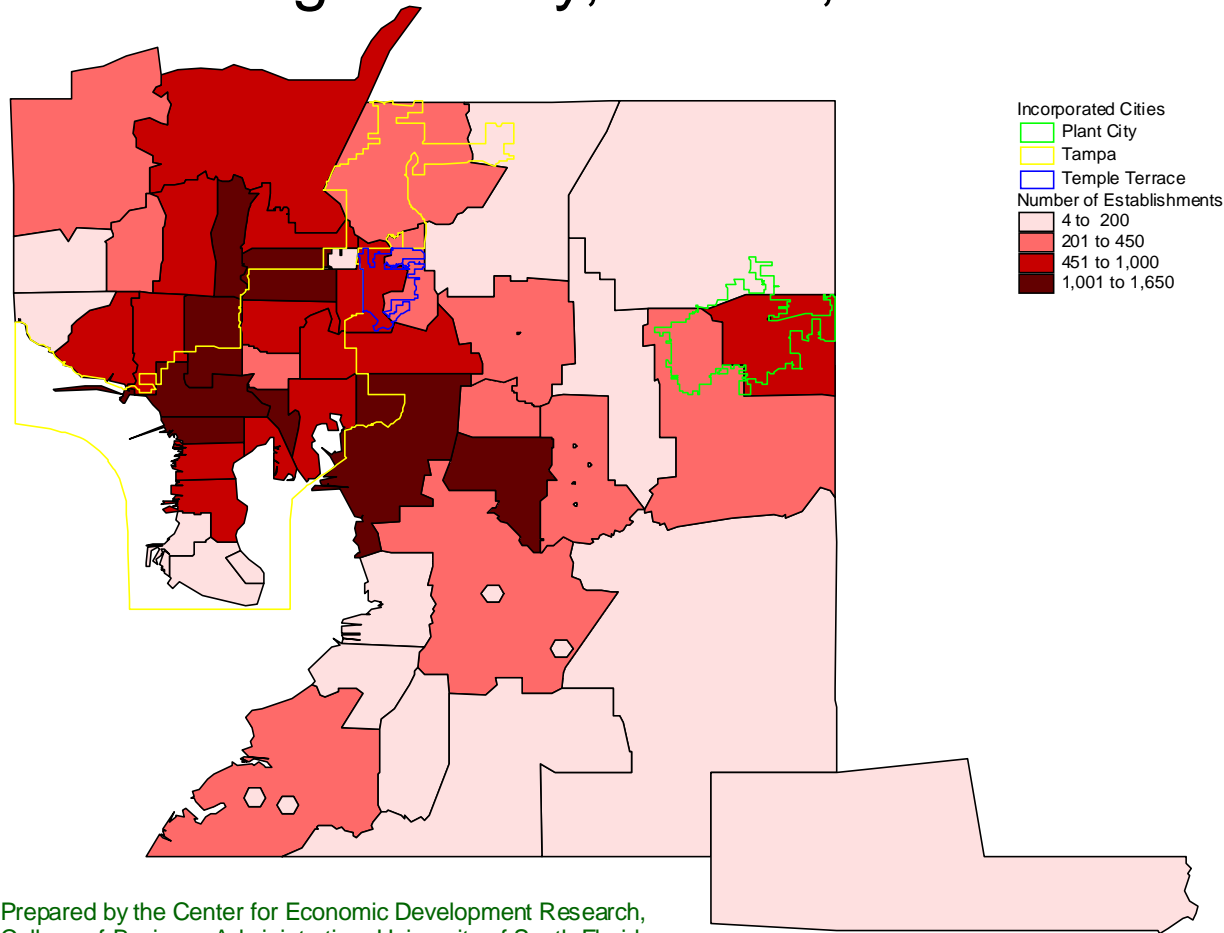
Prepared by the Center for Economic Development Research,
College of Business Administration, University of South Florida

Source: Geographic Data Technology, Inc., as licensed by ESRI ArcView Data and Maps 1999, and based on 1998 U.S. Postal Service data and other sources.



USF Downtown Center

Number of Business Establishments by Zip Code Hillsborough County, Florida, 1997



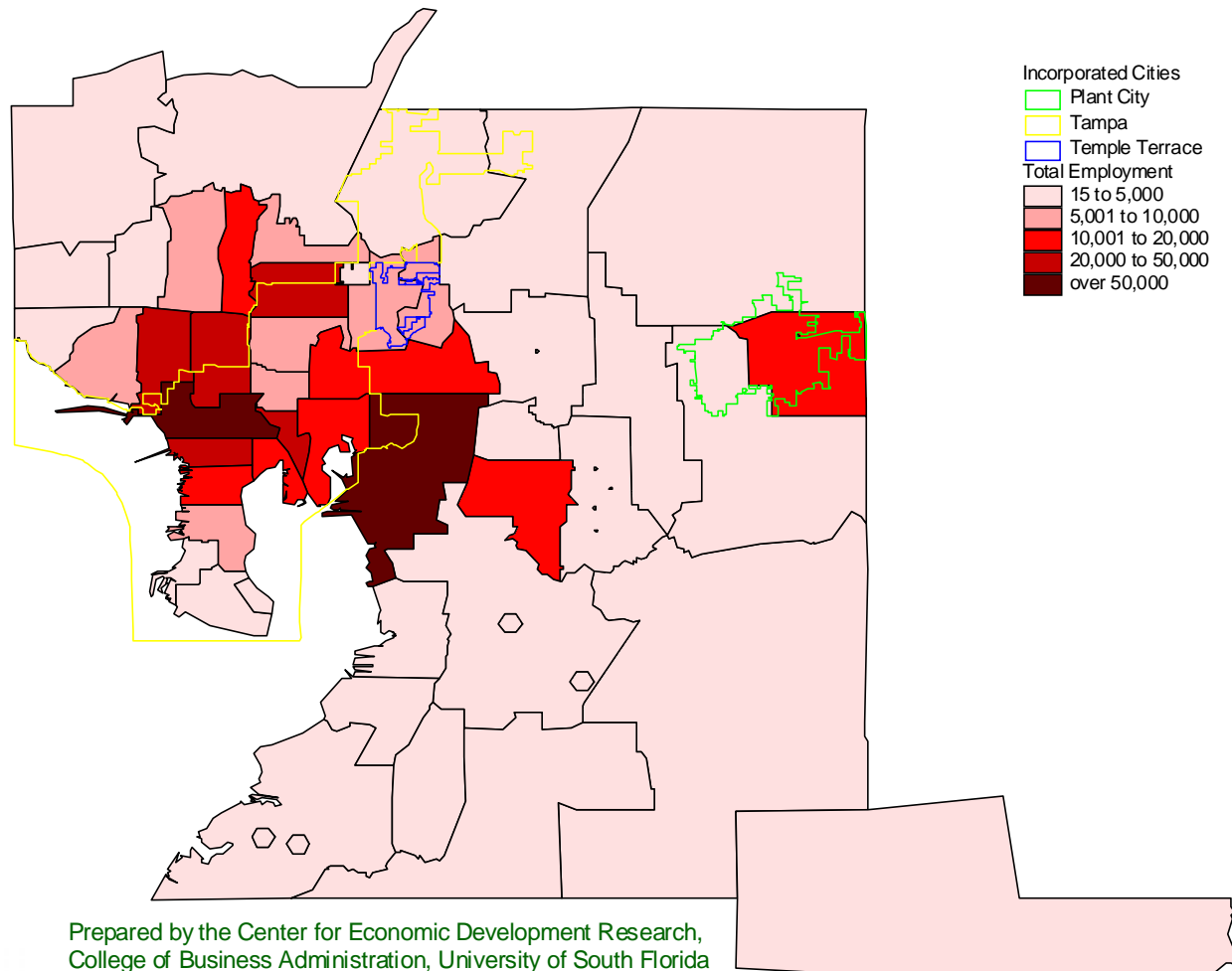
Prepared by the Center for Economic Development Research,
College of Business Administration, University of South Florida

Source: *ZIP Code Business Patterns, 1997*, U.S. Department of Commerce, Economics and
Statistics Administration, U.S. Census Bureau, Issued May 2000.



USF Research Center

Total Employment by Zip Code Hillsborough County, Florida, 1997



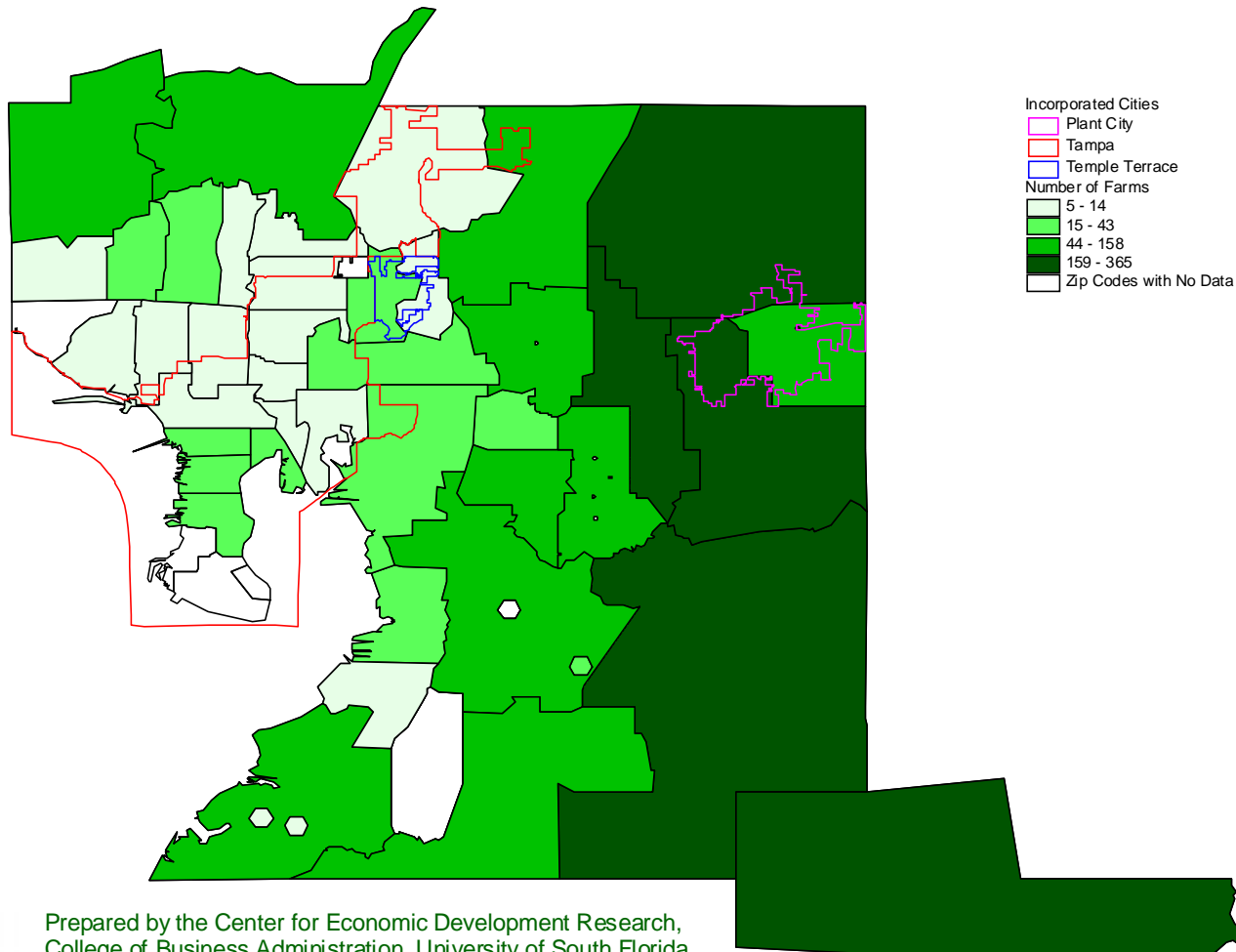
Prepared by the Center for Economic Development Research,
College of Business Administration, University of South Florida

Source: ZIP Code Business Patterns, 1997, U.S. Department of Commerce, Economics and
Statistics Administration, U.S. Census Bureau, Issued May 2000.



USF Economic Center

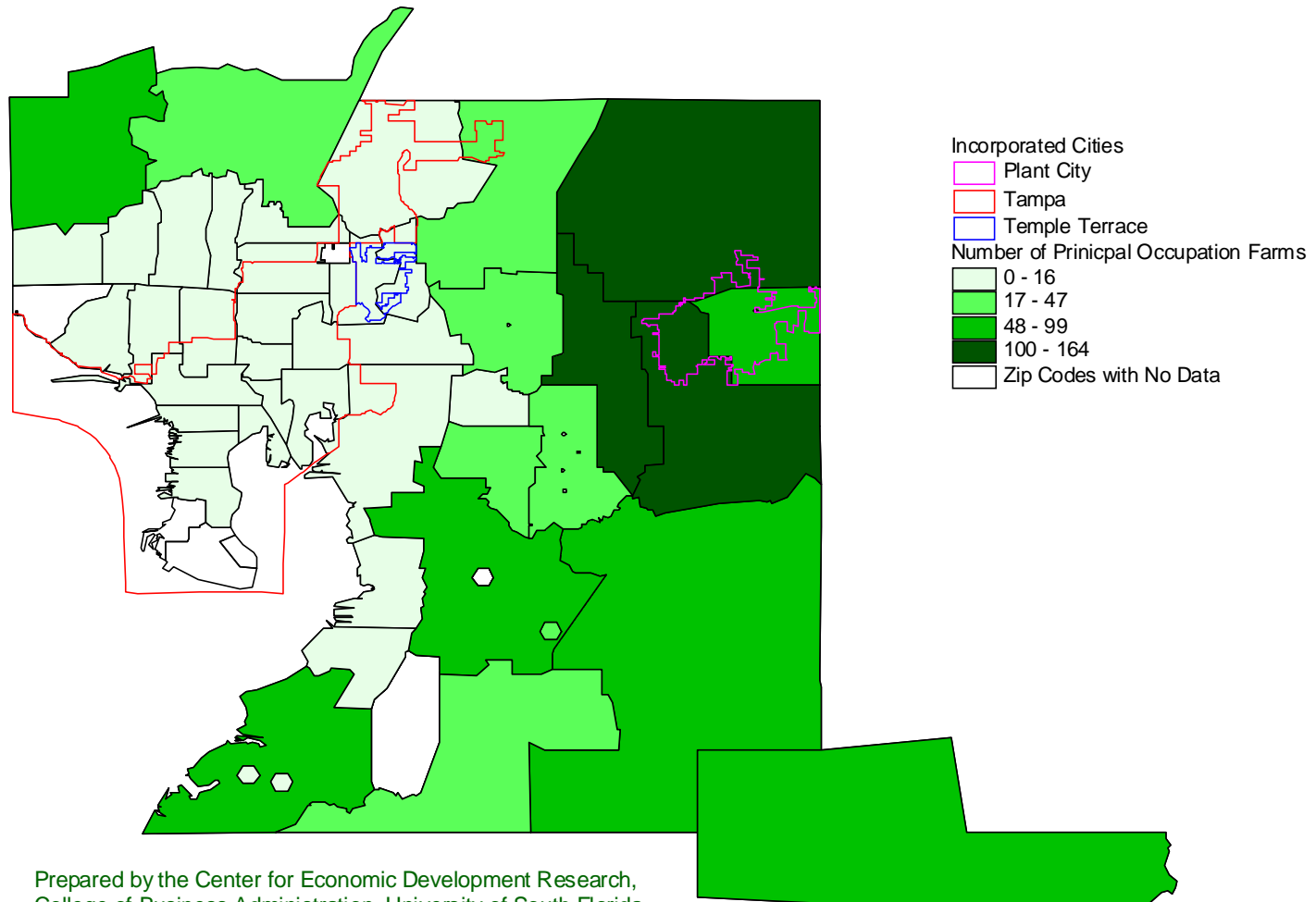
Number of Farms by Zip Code Hillsborough County, Florida, 1997



Prepared by the Center for Economic Development Research,
College of Business Administration, University of South Florida

Source: *Zip Code Tabulations of Selected Items, 1997 Census of Agriculture, U.S. Department of Agriculture, National Agriculture Statistics Service.*

Number of Principal Occupation Farmers by Zip Code Hillsborough County, Florida, 1997



Prepared by the Center for Economic Development Research,
College of Business Administration, University of South Florida

Source: *Zip Code Tabulations of Selected Items, 1997 Census of Agriculture, U.S. Department of Agriculture, National Agriculture Statistics Service.*