

Appendix A: Technical Documentation

1. Composite Files

Census of Agriculture county-level data was extracted from tape files stored at the Cornell Institute for Social and Economic Research (CISER). For a given year, data was extracted using the most recent version of the raw data file available. All the data files included the unique 5-digit fips code. Using the extractions, 7 data files were created; these files included data for years 1949 - 1992. Data from the 1997 Census of Agriculture was extracted from CD-ROM. Data on farms and land in farms were taken from CISER sources and the 1997 Census. Historical data describing farm, urban and rural populations were taken from Bureau of Census publications, Fuguitt et al 1989, and Kurian 1994. Data regarding metropolitan codes and population data for 1949 - 1990 were taken from the Fuguitt 1999 data file.

CISER data sources:

The Census of Agriculture, 1949-1974 Cumulative File, CISER Code Book: CAG-001

Census of Agriculture, 1974, Final County File, CISER Code Book: CAG-002

Census of Agriculture, 1978, Final County File, CISER Code Book: CAG - 003

Census of Agriculture, 1982, Final County Data File, CISER Code Book: CAG - 005

Census of Agriculture, 1992, Final County Data File, CISER Code Book: CAG - 009

County and City Data Book, Consolidated File 1947 - 1977, CISER Code Book: CPH-210(47)

Historical, Demographic, Economic and Social Data: The United States, 1790 - 1970, ICPSR 003, CISER Code Book: CPH-207

Additional data sources:

Census of Agriculture, 1997, Volume 1, Geographic Area Series, 1A, 1B, 1C, CD-ROM Set

Fuguitt, Glenn, data file, 1999. Composite County Census Data File for the United States. University of Wisconsin, Madison.

Fuguitt, Glenn V., David L. Brown, and Calvin L. Beale. 1989. Rural and Small Town America. New York: Russell Sage Foundation.

Kurian, George Thomas. 1994. Datapedia of the United States, 1790 - 2000: America Year by Year. Lanham, MD: Bernan Press.

United States. Bureau of the Census. 1975. Historical Statistics of the United States, Colonial Times to 1970. Washington: US Department of Commerce, Bureau of the Census.

United States. Bureau of the Census. 1982. Census of Population: 1980. Ch. A-B. Characteristics of the Population. Washington, DC: US Department of Commerce, Bureau of the Census.

United States. Bureau of the Census. 1992. 1990 Census of the Population: General Population Characteristics. Washington: US Department of Commerce, Economics and Statistics Administration, Bureau of the Census.

2. Data Cleaning and Compiling

Random data checks were made to verify the data in each file, and all of the data for New York State was verified by CISER. The analysis discussed here deals with only the lower 48 states, comprised of 3,070 counties. We developed this data set as follows.

Since the number of counties in the US has changed over the years, we made sure that each file had the same set of cases, before merging the files to create one large data set. From each file we removed the cases representing state totals, and counties labeled as "other" (998 and 999 county fips). Data on the number of farms and the amount of farmland for these counties was either zero or not available.

We used a conversion program provided by Glenn Fuguitt to update the fips codes, aggregated each file on "fips," and matched each file to a standard list of 3,088 counties. Some files had more than 3,088 counties. In this case we identified those counties not included in N=3,088, and with the use of Census data and maps we manually added these to the standard list. For those data files that had fewer than 3,088 cases, the missing fips codes were added. There were some counties that could not be matched to the standard list; a maximum of eleven counties in any given year fit this description. These counties, as well as counties in the states of Alaska and Hawaii, were excluded from this analysis, resulting in the final N=3,070.

3. Definitions and Explanations

1949 - 1997 Data:

Farms:

1949, 1954: Places with 3 or more acres were counted as farms if the value of farm products (excluding products from home gardens) was at least \$150. These farm products could have been used for home consumption or could have been sold; the determining factor was a value of at least \$150. Places with less than 3 acres were considered farms if the *value of sales* was at least \$150. Also counted were those places that normally would meet these minimum production thresholds but that did not either because of unusual circumstances (such as crop failure) or because the farm was in its first year of operation.

1959, 1964, 1969: New minimum thresholds were used for these Censuses. Places with less than 10 acres were counted only if the estimated *sales* of agricultural products was at least \$250. If the place had more than 10 acres, *sales* of agricultural products had to be at least \$50 for the farm to be counted. Here also, places that would normally meet these criteria but did not, due to unusual circumstances or first year of operation, were still counted.

1974 to the present: The acreage requirement was discontinued, and any place that actually had or normally would have had \$1,000 in agricultural product sales during the census year was counted as a farm.

Urban Population: We use the definition provided by the U.S. Census. Prior to 1950, urban population comprised all persons living in incorporated places of 2,500 inhabitants or more and areas (usually Minor Civil Divisions, MCDs) classified as urban under special rules relating to population size and density. Prior to 1950, unincorporated areas that otherwise fit the characteristics were excluded. For the 1950 and 1960 Censuses, unincorporated territory was included in the designation of urbanized areas, and in 1970 the definition was formally changed. From 1970 to the present, urban population includes all persons living in (a) places of 2,500 or more incorporated as cities, villages, boroughs (except Alaska) and towns (except New England States, New York State, and Wisconsin), but excluding those persons living in rural portions of extended cities; (b) unincorporated places of 2,500 or more; (c) other territory, incorporated or unincorporated, included in urbanized areas.

Urbanized Area:

This classification was first created for the 1950 Census of Population. The foundation of an urbanized area is population density, and a large city or Central Place. In 1950, urbanized areas were defined as a city of 50,000 or more (or twin cities meeting this criterion) and surrounding closely settled areas, including incorporated places and unincorporated territory. The present (1990) definition differs only slightly: one or more

central places (usually a large city or cities) and the surrounding densely settled land area called the Urban Fringe. The minimum population of an urbanized area is still 50,000, and the Urban Fringe is the contiguous territory with a population density of at least 1,000 persons per square mile.

Rural Population: We use the definition provided by the U.S. Census. Any part of the population that is not defined as urban, is rural.

Farm Population: We use the definition provided by the U.S. Census. The rural population is divided into farm and non-farm populations. In 1920, using the existing definition of a farm, the farm population was counted as all people living on farms plus farm laborers and their families who lived in rural, unincorporated territory. In 1930 and 1940, the designation of a farm was made by the Census enumerator. In 1950, the designation of a farm was made by the persons living there, with the exception that those who paid rent only for their house and yard were identified as non-farm inhabitants. From 1960 to the present, the designation of farm was made by the Census according to the existing definition of a farm, and the rural farm population consisted of those persons living on farms.

Metropolitan and Nonmetropolitan: Though imprecise, this is a useful and widely used means of categorizing areas in terms of the interpenetration of rural and urban areas. Fuguitt, et al. (1989:6) describe the official designation of metropolitan areas as follows: "Concern about monitoring the increasing interpenetration of rural and urban settlement, especially around large cities, led to the establishment of Standard Metropolitan Areas in 1950 [called Metropolitan Statistical Areas by 1960 and Metropolitan Statistical Areas in 1980]. These units, county based outside New England where towns are the building blocks, include those counties having major cities along with any adjacent counties closely related to the center. After 1960 a major criterion for including adjacent counties was based on patterns of commuting revealed through census data..."

The underlying metropolitan area concept is of a large city with satellite cities and outlying suburbs. It...should include a zone where residents have daily social and economic contacts with the central city. Of course, this is only imprecise and may only be approximated by using counties as building blocks. The metropolitan-nonmetropolitan distinction is widely used in research today, with considerable attention given to the nonmetropolitan segment as a means of considering the lower density periphery of the nation.

Rural and nonmetropolitan, however, are far from synonymous. Nonmetropolitan areas include urban population, and there is considerable rural population inside MSAs..."

Metropolitan Status: This refers to the designation of an area (in this case, a county) as a type of metropolitan area. There are six general types, distinguished by total population and location: (1) greater than one million; (2) 500,000 to one million; (3)

250,000 to 499,999; (4) less than 250,000; (5) nonmetropolitan and adjacent to a metropolitan area; (6) nonmetropolitan and nonadjacent to a metropolitan area. These designations were attributed in the following years: 1950, 1963, 1974, 1983, and 1993. Consequently, the actual counties in any given designation will change over time – what has been kept constant over time is the type of area rather than a specific set of places. In other words, the metropolitan status designation was allowed to “float” – the 1950 designation was used for data collected in years 1949, 1950, 1954, and 1959; the 1963 designation was used for data collected in 1964 and 1969; the 1974 was used for the years 1974, 1978, and 1982; the 1983 for 1987 and 1992; and the 1993 designation was used for data collected in 1997. Appendix B demonstrates that the trends in farms and farmland by metropolitan status do not change appreciably when the status is fixed either by the 1950 designation or the 1993 designation. Consequently the trends observed over time are not just a result of how the metropolitan status was determined. Unless otherwise noted, a floating metropolitan status was used to produce the charts in this book.

Population Density: We calculated this as total population divided by total land area. For example, the 1950 population density for nonmetropolitan nonadjacent areas was calculated as the total population in these areas in 1950, divided by the total land in these areas in 1950.

Farmland, Land in Farms

1949 to the present: All the land under the control of one person or one partnership was included as one farm and referred to as farmland. The control could have been through ownership, lease, rental or cropping arrangement. (Land owned under one farm but being rented by a second farm would be counted as land in the second farm.) The land in farms includes land not under cultivation and land not used for pasture or grazing. Woodland and wasteland are included here unless the land is held for other than agricultural purposes or unless the amount of this kind of land is unusually large.

1987, 1992: Land set aside for commodity acreage programs, Conservation Reserve and Wetlands Reserve programs was counted as land in farms; in 1997 only land in Conservation and Wetlands Reserve programs was included.

Land Located in More Than One County

1964 and earlier: Land of a single farm that was located in more than one county was attributed as follows: (1) if the farm operator lived on the farm, then all the land was attributed to the county in which the operator resided; (2) if the operator did not live on the farm, then the land was attributed to the county in which the farm headquarters were located; (3) if neither of these criteria clearly applied, then the total land was attributed to the county in which most of the land was located.

1969 to the present: Land of a single farm that was located in more than one county was in most cases attributed to the county in which the largest proportion of the land was located. In 1974 this “principal county” of the farm was designated not necessarily

by the largest proportion of land but by the largest value of agricultural products raised or produced. Usually these two coincided, but in 1974 value produced took precedence over land area; this has continued up to and including the 1997 Census of Agriculture.

Farmsize, Average Farmsize: In all years, farms were classified according to the total land area, and this procedure was used for all states. Average farmsize was calculated as the total acres divided by the number of farms (e.g. the total acres of farmland in nonmetropolitan nonadjacent areas, divided by the total number of farms in this type of area).

Only 1997 Data:

Acreage Class: The set of acreage classes we use is a composite of those provided in the 1997 Census of Agriculture. For more detailed information regarding the distribution of farms across acreage classes, consult this Census.

SIC categories: SIC refers to Standard Industrial Classification (SIC) System, which was changed officially to the North American Industry Classification System (NAICS) in 1997. The following categories were used, and where noted were created from more detailed 1997 data. **Crop:** includes oilseed and grain farming (NAICS code 1111), and other crop farming (NAICS code 1119); **Animal** (NAICS code 112); **Vegetable and Melon** (NAICS code 11121); **Greenhouse** (NAICS code 1114); and **Fruit and Nut** (NAICS code 1113).

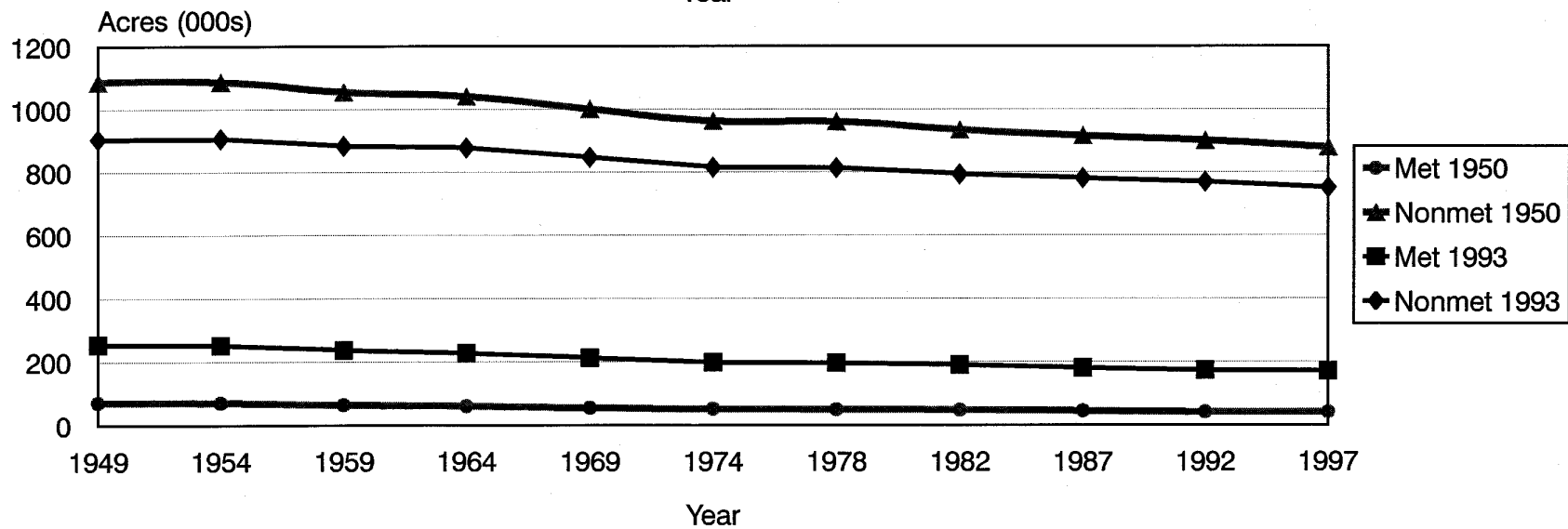
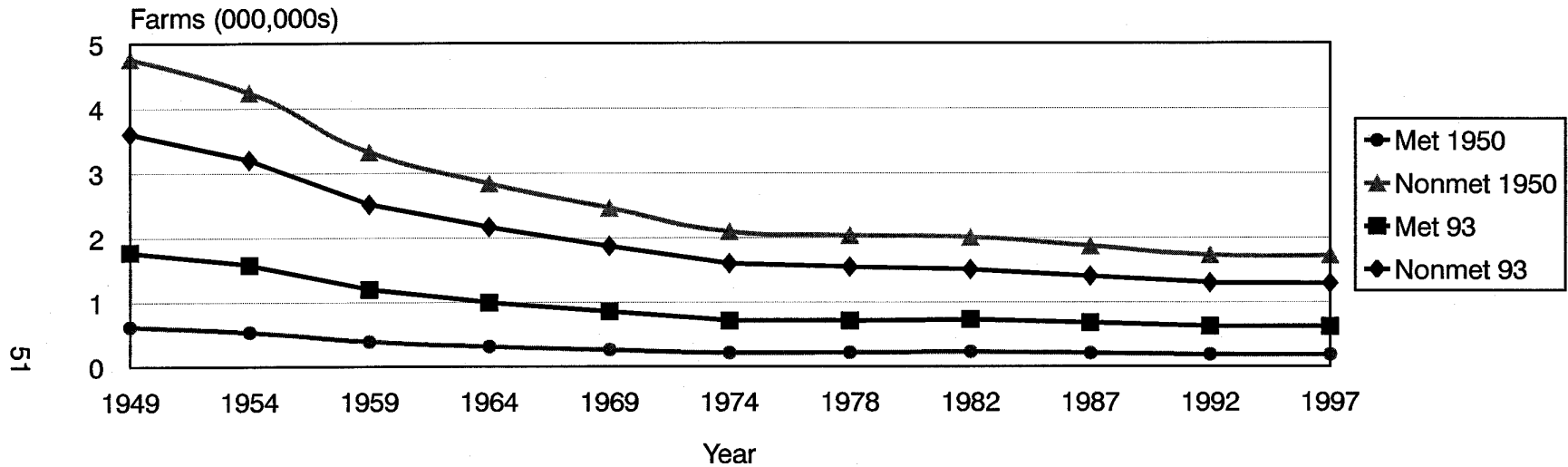
Total Sales: As stated in the Census documentation, total sales represents the gross market value of all agricultural products sold before taxes and expenses in the census year including livestock, poultry, and their products, and crops, including nursery and greenhouse crops, and hay. Also included are landlords' and contractors' shares, as well as the value of commodities placed in Commodity Credit Corporation (CCC) loans.

Direct Sales: As indicated in the Census documentation, direct sales represents the value of agricultural products produced and sold directly to individuals for human consumption from roadside stands, farmers' markets, pick-your-own sites, etc. It excludes nonedible products such as nursery crops, cut flowers, wool, etc. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded.

Tenure: Full Owner, Part Owner, Tenant: As defined by the Census, full owners operated only the land they owned; part owners operated land they owned as well as land they rented from others; tenants operated only land that they rented from others or worked on shares from others.

Farmworker, Farm with Workers: The Census indicates that all hired workers, including paid family members, were included in the count of hired farm labor.

Appendix B: Number of Farms and Acres of Farmland by Metropolitan Status Fixed in both 1950 and in 1993, United States, 1949 - 1997



Appendix C: Number of Farms and Acres of Farmland by Metropolitan Status, United States, 1997

Metropolitan Status	Farms		Land in Farms	
	Farms	Percent	Acres	Percent
1 Million +	196,617	10	38,124,263	4
500,000 - 1 Million	105,486	5	31,632,869	3
250,000 - 499,000	147,655	8	35,819,985	4
Less Than 250,000	168,534	9	64,018,075	7
Adjacent to Metro	753,123	40	337,182,364	37
Nonadjacent to Metro	534,423	28	412,484,793	45
Total	1,905,838	100	919,262,349	100

Appendix D: Farms in Acreage Classes by Metropolitan Status, United States, 1997

Metropolitan Status	Number of Acres					
	1 to 9	10 to 49	50 to 179	180 to 499	500-999	1,000+
	- Number -					
1 Million +	33,415	63,256	57,446	27,160	8,855	6,485
500,000 - 1 Million	11,816	32,049	34,567	16,929	5,870	4,255
250,000 - 499,000	19,081	45,300	45,212	23,056	8,515	6,491
Less Than 250,000	15,664	42,029	52,967	33,413	12,755	11,686
Adjacent	44,059	148,105	254,030	176,335	70,315	60,279
Nonadjacent	25,928	78,579	148,261	125,644	62,284	86,727
Total	149,963	409,318	592,483	402,537	168,594	175,923
	- Percent -					
1 Million +	22	15	10	7	5	4
500,000 - 1 Million	8	8	6	4	3	2
250,000 - 499,000	13	11	8	6	5	4
Less Than 250,000	10	10	9	8	8	7
Adjacent	29	36	43	44	42	34
Nonadjacent	17	19	25	31	37	49
Total	100	100	100	100	100	100

Appendix E: Farms in Standard Industrial Classification by Metropolitan Status, United States, 1997

Metropolitan Status	Standard Industrial Classification				
	Crop	Animal	Vegetable and Melon	Fruit and Nut	Greenhouse
	-- Number --				
1 Million +	57,426	77,189	5,953	16,723	17,762
500,000 - 1 Million	29,624	47,631	3,003	10,180	5,445
250,000 - 499,000	50,141	56,877	3,610	18,374	7,206
Less Than 250,000	59,118	78,384	3,328	11,185	5,222
Adjacent	290,611	387,364	9,521	17,011	14,061
Nonadjacent	244,714	250,516	4,997	6,194	6,163
Total	731,634	897,961	30,412	79,667	55,859
	-- Percent --				
1 Million +	8	9	20	21	32
500,000 - 1 Million	4	5	10	13	10
250,000 - 499,000	7	6	12	23	13
Less Than 250,000	8	9	11	14	9
Adjacent	40	43	31	21	25
Nonadjacent	33	28	16	8	11
Total	100	100	100	100	100

Appendix F: Farms by Total Sales and Metropolitan Status, United States, 1997

Metropolitan Status	- Number -				
	Less Than \$10,000	\$10,000 - \$49,999	\$50,000- \$249,999	\$250,000 - \$499,999	\$500,000 +
1 Million +	119,386	40,922	24,029	6,073	6,207
500,000 - 1Million	61,788	21,739	14,006	3,813	4,140
250,000 - 499,999	76,900	32,942	25,230	6,190	6,393
Less Than 250,000	86,596	36,747	30,201	7,977	7,013
Adjacent	381,144	176,326	135,606	34,416	25,631
Nonadjacent	233,646	134,402	117,897	29,188	19,290
Total	959,460	443,078	346,969	87,657	68,674
	- Percent -				
1 Million +	12	9	7	7	9
500,000 - 1Million	6	5	4	4	6
250,000 - 499,999	8	7	7	7	9
Less Than 250,000	9	8	9	9	10
Adjacent	40	40	39	39	37
Nonadjacent	24	30	34	34	28
Total	100	100	100	100	100

Appendix G: Farms by Tenure and Metropolitan Status, United States, 1997

Metropolitan Status	Full Ownership	Part Ownership	Tenant
- Number -			
1 Million +	131,188	47,911	17,518
500,000 - 1Million	68,009	28,299	9,178
250,000 - 499,999	95,557	37,737	14,361
Less Than 250,000	102,566	48,675	17,293
Adjacent	451,191	231,105	70,827
Nonadjacent	295,068	179,269	60,086
Total	1,143,579	572,996	189,263
- Percent -			
1 Million +	11	8	9
500,000 - 1Million	6	5	5
250,000 - 499,999	8	7	8
Less Than 250,000	9	8	9
Adjacent	39	40	37
Nonadjacent	26	31	32
Total	100	100	100

Appendix H: Acres of Farmland by Tenure and Metropolitan Status, United States, 1997

Metropolitan Status	Full Owners	Part Owners	Tenants
-Acres -			
1 Million +	13,784,707	19,235,459	5,062,940
500,000 - 1Million	11,497,570	14,078,771	3,267,281
250,000 - 499,999	12,939,045	17,688,239	5,115,141
Less Than 250,000	20,657,117	34,725,634	8,515,516
Adjacent	116,419,060	181,056,432	36,326,533
Nonadjacent	121,081,598	239,200,663	19,235,459
Total	296,379,097	505,985,198	77,522,870
- Percent -			
1 Million +	5	4	7
500,000 - 1Million	4	3	4
250,000 - 499,999	4	3	7
Less Than 250,000	7	7	11
Adjacent	39	36	47
Nonadjacent	41	47	25
Total	100	100	100

Appendix I: Farms with Direct Sales and Direct Sales by Metropolitan Status, United States, 1997

Metropolitan Status	Farms	Direct Sales (\$1,000)
- Number -		
1 Million +	17,125	148,443
500,000 - 1Million	7,048	52,761
250,000 - 499,999	10,034	79,895
Less Than 250,000	9,557	57,761
Adjacent	32,906	143,152
Nonadjacent	15,843	50,441
Total	92,513	532,453
- Percent -		
1 Million +	19	28
500,000 - 1Million	8	10
250,000 - 499,999	11	15
Less Than 250,000	10	11
Adjacent	36	27
Nonadjacent	17	9
Total	100	100

Appendix J: Farms with Workers and Farmworkers by Metropolitan Status, United States, 1997

Metropolitan Status	Farms	Farmworkers
- Number -		
1 Million +	62,908	413,834
500,000 - 1Million	34,246	300,332
250,000 - 499,999	53,396	406,484
Less Than 250,000	57,272	422,143
Adjacent	251,227	1,096,228
Nonadjacent	189,689	697,365
Total	648,738	3,336,386
- Percent -		
1 Million +	10	12
500,000 - 1Million	5	9
250,000 - 499,999	8	12
Less Than 250,000	9	13
Adjacent	39	33
Nonadjacent	29	21
Total	100	100

Appendix K: Payroll by Metropolitan Status, United States, 1987, 1992, 1997

Metropolitan Status	Payroll 1987	Payroll 1992	Payroll 1997
- Dollars (\$1,000) -			
1 Million +	1,954,185	1,762,985	1,725,530
500,000 - 1Million	1,316,541	1,243,744	1,200,499
250,000 - 499,999	1,912,520	1,619,466	1,392,833
Less Than 250,000	1,801,145	1,577,935	1,241,650
Adjacent	4,576,274	3,999,796	2,963,564
Nonadjacent	3,020,387	2,513,795	1,946,780
Total	14,581,052	12,717,721	10,470,856
- Percent -			
1 Million +	13	14	16
500,000 - 1Million	9	10	11
250,000 - 499,999	13	13	13
Less Than 250,000	12	12	12
Adjacent	31	31	28
Nonadjacent	21	20	19
Total	100	100	100

Appendix L: Number of Farms and Acres of Farmland by Metropolitan Status, Northeast, 1997

Metropolitan Status	Farms		Land in Farms	
	Farms	Percent	Acres	Percent
1 Million +	26,630	24	3,384,138	18
500,000 - 1Million	13,729	12	2,288,608	12
250,000 - 499,999	14,153	13	1,939,366	10
Less Than 250,000	10,982	10	1,975,214	10
Adjacent	40,391	36	8,556,795	45
Nonadjacent	5,001	5	932,234	5
Total	110,886	100	19,076,055	100

Appendix M: Farms in Acreage Classes by Metropolitan Status, Northeast, 1997

Metropolitan Status	Number of Acres					
	1 to 9	10 to 49	50 to 179	180 to 499	500-999	1,000+
	- Number -					
1 Million +	4,489	8,661	8,685	3,500	878	417
500,000 - 1Million	1,646	3,278	5,055	2,827	686	237
250,000 - 499,999	1,499	3,821	5,691	2,465	527	150
Less Than 250,000	978	2,224	4,197	2,758	662	163
Adjacent	2,456	6,680	15,671	11,919	2,853	812
Nonadjacent	329	941	1,968	1,426	283	54
Total	11,397	25,605	41,267	24,895	5,889	1,833
	- Percent -					
1 Million +	39	34	21	14	15	23
500,000 - 1Million	14	13	12	11	12	13
250,000 - 499,999	13	15	14	10	9	8
Less Than 250,000	9	9	10	11	11	9
Adjacent	22	26	38	48	48	44
Nonadjacent	3	4	5	6	5	3
Total	100	100	100	100	100	100

Appendix N: Farms in Standard Industrial Classification by Metropolitan Status, Northeast, 1997

Metropolitan Status	Standard Industrial Classification				
	Crop	Animal	Vegetable and Melon	Fruit and Nut	Greenhouse
	- Number -				
1 Million +	7,197	7,394	2,287	1,895	4,841
500,000 - 1 Million	4,376	5,128	817	455	1,694
250,000 - 499,000	3,504	6,843	784	663	1,278
Less Than 250,000	2,979	4,879	522	873	980
Adjacent	11,147	20,181	1,591	1,830	3,041
Nonadjacent	1,518	2,344	181	207	414
Total	30,721	46,769	6,182	5,923	12,248
	- Percent -				
1 Million +	23	16	37	32	40
500,000 - 1 Million	14	11	13	8	14
250,000 - 499,000	11	15	13	11	10
Less Than 250,000	10	10	8	15	8
Adjacent	36	43	26	31	25
Nonadjacent	5	5	3	3	3
Total	100	100	100	100	100

Appendix O: Farms by Total Sales and Metropolitan Status, Northeast, 1997

Metropolitan Status	- Number -				
	Less Than \$10,000	\$10,000 - \$49,999	\$50,000- \$249,999	\$250,000 - \$499,999	\$500,000 +
1 Million +	14,731	5,973	4,075	974	877
500,000 - 1Million	6,585	3,232	2,847	639	426
250,000 - 499,999	5,327	3,050	4,479	707	590
Less Than 250,000	5,347	2,496	2,368	493	278
Adjacent	20,180	8,428	9,151	1,677	955
Nonadjacent	2,728	1,068	987	141	77
Total	54,898	24,247	23,907	4,631	3,203
	- Percent -				
1 Million +	27	25	17	21	27
500,000 - 1Million	12	13	12	14	13
250,000 - 499,999	10	13	19	15	18
Less Than 250,000	10	10	10	11	9
Adjacent	37	35	38	36	30
Nonadjacent	5	4	4	3	2
Total	100	100	100	100	100

Appendix P: Farms by Tenure and Metropolitan Status, Northeast, 1997

Metropolitan Status	Full Ownership	Part Ownership	Tenant
- Number -			
1 Million +	17,865	6,647	2,118
500,000 - 1Million	8,376	4,271	1,082
250,000 - 499,999	8,178	4,172	1,803
Less Than 250,000	6,765	3,433	784
Adjacent	24,181	13,337	2,873
Nonadjacent	3,023	1,641	337
Total	68,388	33,501	8,997
- Percent -			
1 Million +	26	20	24
500,000 - 1Million	12	13	12
250,000 - 499,999	12	12	20
Less Than 250,000	10	10	9
Adjacent	35	40	32
Nonadjacent	4	5	4
Total	100	100	100

Appendix Q: Acres of Farmland by Tenure and Metropolitan Status, Northeast, 1997

Metropolitan Status	Full Owners	Part Owners	Tenants
- Acres -			
1 Million +	1,280,417	1,825,029	278,523
500,000 - 1Million	805,142	1,321,102	156,662
250,000 - 499,999	696,255	1,034,357	204,736
Less Than 250,000	819,780	1,046,941	108,493
Adjacent	3,484,785	4,546,147	468,742
Nonadjacent	356,779	432,324	39,482
Total	7,443,158	10,205,900	1,256,638
- Percent -			
1 Million +	17	18	22
500,000 - 1Million	11	13	12
250,000 - 499,999	9	10	16
Less Than 250,000	11	10	9
Adjacent	47	45	37
Nonadjacent	5	4	3
Total	100	100	100

Appendix R: Farms with Direct Sales and Direct Sales by Metropolitan Status, Northeast, 1997

Metropolitan Status	Farms	Direct Sales (\$1,000)
- Number -		
1 Million +	4,531	64,793
500,000 - 1Million	1,935	18,229
250,000 - 499,999	2,023	21,713
Less Than 250,000	1,496	11,552
Adjacent	5,284	40,228
Nonadjacent	898	5,011
Total	16,167	161,526
- Percent -		
1 Million +	28	40
500,000 - 1Million	12	11
250,000 - 499,999	13	13
Less Than 250,000	9	7
Adjacent	33	25
Nonadjacent	6	3
Total	100	100

Appendix S: Farms with Workers and Farmworkers by Metropolitan Status, Northeast, 1997

Metropolitan Status	Farms	Farmworkers
- Number -		
1 Million +	9,052	67,460
500,000 - 1Million	4,368	21,561
250,000 - 499,999	5,320	28,219
Less Than 250,000	4,045	20,161
Adjacent	13,636	71,867
Nonadjacent	1,810	6,640
Total	38,231	215,908
- Percent -		
1 Million +	24	31
500,000 - 1Million	11	10
250,000 - 499,999	14	13
Less Than 250,000	11	9
Adjacent	36	33
Nonadjacent	5	3
Total	100	100

Appendix T: Payroll by Metropolitan Status, Northeast, 1997

Metropolitan Status	Payroll 1987	Payroll 1992	Payroll 1997
- Dollars (\$1,000) -			
1 Million +	313,940	273,671	328,576
500,000 - 1Million	214,500	184,898	96,475
250,000 - 499,999	164,603	163,993	126,174
Less Than 250,000	112,982	100,899	70,666
Adjacent	332,821	302,647	237,161
Nonadjacent	28,939	26,510	17,616
Total	1,167,785	1,052,618	876,668
- Percent -			
1 Million +	27	26	37
500,000 - 1Million	18	18	11
250,000 - 499,999	14	16	14
Less Than 250,000	10	10	8
Adjacent	29	29	27
Nonadjacent	2	3	2
Total	100	100	100

Appendix U: Number of Farms and Acres of Farmland by Metropolitan Status, New York State, 1997

Metropolitan Status	Farms		Land in Farms	
	N	Percent	Acres	Percent
1 Million +	6,109	19	1,287,290	18
500,000 - 1 Million	5,283	17	1,179,946	16
250,000 - 499,000	3,682	12	754,621	11
Less Than 250,000	2,666	8	508,342	7
Adjacent	13,541	43	3,361,248	46
Nonadjacent	476	1	163,017	2
Total	31,757	100	7,254,464	100

Appendix V: Farms in Acreage Classes by Metropolitan Status, New York State, 1997

Metropolitan Status	Number of Acres					
	1 to 9	10 to 49	50 to 179	180 to 499	500-999	1,000+
	- Number -					
1 Million +	739	1,597	2,051	1,092	373	257
500,000 - 1 Million	361	948	1,914	1,518	406	136
250,000 - 499,000	251	661	1,318	1,122	272	58
Less Than 250,000	199	546	976	725	177	43
Adjacent	658	1,718	4,923	4,646	1,247	349
Nonadjacent	18	29	137	224	55	13
Total	2,226	5,499	11,319	9,327	2,530	856
	- Percent -					
1 Million +	33	29	18	12	15	30
500,000 - 1 Million	16	17	17	16	16	16
250,000 - 499,000	11	12	12	12	11	7
Less Than 250,000	9	10	9	8	7	5
Adjacent	30	31	43	50	49	41
Nonadjacent	1	1	1	2	2	2
Total	100	100	100	100	100	100

Appendix V: Farms in Acreage Classes by Metropolitan Status, New York State, 1997

Metropolitan Status	Number of Acres					
	1 to 9	10 to 49	50 to 179	180 to 499	500-999	1,000+
	- Number -					
1 Million +	739	1,597	2,051	1,092	373	257
500,000 - 1 Million	361	948	1,914	1,518	406	136
250,000 - 499,000	251	661	1,318	1,122	272	58
Less Than 250,000	199	546	976	725	177	43
Adjacent	658	1,718	4,923	4,646	1,247	349
Nonadjacent	18	29	137	224	55	13
Total	2,226	5,499	11,319	9,327	2,530	856
	- Percent -					
1 Million +	33	29	18	12	15	30
500,000 - 1 Million	16	17	17	16	16	16
250,000 - 499,000	11	12	12	12	11	7
Less Than 250,000	9	10	9	8	7	5
Adjacent	30	31	43	50	49	41
Nonadjacent	1	1	1	2	2	2
Total	100	100	100	100	100	100

Appendix W: Farms in Standard Industrial Classification by Metropolitan Status, New York State, 1997

Metropolitan Status	Standard Industrial Classification				
	Crop	Animal	Vegetable and Melon	Fruit and Nut	Greenhouse
	- Number -				
1 Million +	1,748	1,604	616	594	935
500,000 - 1 Million	1,578	2,348	282	124	483
250,000 - 499,000	789	1,801	259	95	341
Less Than 250,000	565	1,173	60	526	165
Adjacent	3,508	7,301	358	570	875
Nonadjacent	105	317	10	4	21
Total	8,293	14,544	1,585	1,913	2,820
	- Percent -				
1 Million +	21	11	39	31	33
500,000 - 1 Million	19	16	18	6	17
250,000 - 499,000	10	12	16	5	12
Less Than 250,000	7	8	4	27	6
Adjacent	42	50	23	30	31
Nonadjacent	1	2	1	<.5	1
Total	100	100	100	100	100

Appendix X: Farms by Total Sales and Metropolitan Status, New York State, 1997

Metropolitan Status	- Number -				
	Less Than \$10,000	\$10,000 - \$49,999	\$50,000- \$249,999	\$250,000 - \$499,999	\$500,000 +
1 Million +	2,742	1,433	1,239	352	343
500,000 - 1Million	2,476	1,195	1,212	252	148
250,000 - 499,999	1,638	800	1,024	140	80
Less Than 250,000	1,284	615	591	122	54
Adjacent	6,315	2,807	3,522	555	342
Nonadjacent	160	92	189	20	15
Total	14,615	6,942	7,777	1,441	982
	- Percent -				
1 Million +	19	21	16	24	35
500,000 - 1Million	17	17	16	17	15
250,000 - 499,999	11	12	13	10	8
Less Than 250,000	9	9	8	8	5
Adjacent	43	40	45	39	35
Nonadjacent	1	1	2	1	2
Total	100	100	100	100	100

Appendix Y: Farms by Tenure and Metropolitan Status, New York State, 1997

Metropolitan Status	Full Ownership	Part Ownership	Tenant
- Number -			
1 Million +	3,658	1,989	462
500,000 - 1Million	3,111	1,893	279
250,000 - 499,999	2,247	1,202	233
Less Than 250,000	1,696	841	129
Adjacent	8,156	4,658	727
Nonadjacent	302	159	15
Total	19,170	10,742	1,845
- Percent -			
1 Million +	19	19	25
500,000 - 1Million	16	18	15
250,000 - 499,999	12	11	13
Less Than 250,000	9	8	7
Adjacent	43	43	39
Nonadjacent	2	1	1
Total	100	100	100

Appendix Z: Acres of Farmland by Tenure and Metropolitan Status, New York State, 1997

Metropolitan Status	Full Owners	Part Owners	Tenants
- Acres -			
1 Million +	346,488	856,933	83,550
500,000 - 1Million	409,654	713,060	57,232
250,000 - 499,999	316,347	391,942	46,332
Less Than 250,000	208,477	478,322	21,543
Adjacent	1,402,519	1,824,244	133,697
Nonadjacent	98,347	61,286	3,384
Total	2,781,832	4,125,847	345,738
- Percent -			
1 Million +	12	20	24
500,000 - 1Million	15	16	17
250,000 - 499,999	11	9	13
Less Than 250,000	7	11	6
Adjacent	50	42	39
Nonadjacent	4	1	1
Total	100	100	100

Appendix AA: Farms with Direct Sales and Direct Sales by Metropolitan Status, New York State, 1997

Metropolitan Status	Farms	Direct Sales (\$1,000)
- Number -		
1 Million +	1,023	12,588
500,000 - 1Million	704	6,247
250,000 - 499,999	448	6,329
Less Than 250,000	293	2,688
Adjacent	1,530	11,192
Nonadjacent	40	112
Total	4,038	39,156
- Percent -		
1 Million +	25	32
500,000 - 1Million	17	16
250,000 - 499,999	11	16
Less Than 250,000	7	7
Adjacent	38	29
Nonadjacent	1	<.5
Total	100	100

Appendix BB: Farms with Workers and Farmworkers by Metropolitan Status, New York State, 1997

Metropolitan Status	Farms	Farmworkers
- Number -		
1 Million +	2,473	21,226
500,000 - 1Million	1,731	7,680
250,000 - 499,999	1,465	6,187
Less Than 250,000	931	4,987
Adjacent	4,735	20,849
Nonadjacent	228	649
Total	11,563	61,578
- Percent -		
1 Million +	21	34
500,000 - 1Million	15	12
250,000 - 499,999	13	10
Less Than 250,000	8	8
Adjacent	41	34
Nonadjacent	2	1
Total	100	100

Appendix CC: Payroll by Metropolitan Status, New York State, 1997

Metropolitan Status	Payroll 1987	Payroll 1992	Payroll 1997
- Dollars (\$1,000) -			
1 Million +	61,263	58,021	96,514
500,000 - 1Million	87,123	82,182	36,288
250,000 - 499,999	25,285	27,970	30,703
Less Than 250,000	16,057	18,323	14,674
Adjacent	143,667	141,662	94,921
Nonadjacent	2,851	4,431	4,313
Total	336,246	332,589	277,413
- Percent -			
1 Million +	18	17	35
500,000 - 1Million	26	25	13
250,000 - 499,999	8	8	11
Less Than 250,000	5	6	5
Adjacent	43	43	34
Nonadjacent	1	1	2
Total	100	100	100