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THE POPULATION OF CONNECTICUT:

A Decade of Change 4960-4970

By William H. Groff and James C. Reiser Department of Rural Sociology



STORRS AGRICULTURAL EXPERIMENT STATION
COLLEGE OF AGRICULTURE AND NATURAL RESOURCES
THE UNIVERSITY OF CONNECTICUT, STORRS

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THE POPULATION OF CONNECTICUT

A Decade of Change 1960-1970

By William H. Groff and James C. Reiser*

Introduction

The population of Connecticut, like that of the other states in the United States, is in a continuous flux; changes in numbers of persons, their distribution and composition is a normal condition resulting from the interplay of socio-economic factors and past demographic developments. Trends in population size, distribution, and composition are important in the pursuit of public programs and the activities of private individuals and groups. Successful programs depend in part on the availability of reliable demographic data and the projection of future population changes. School boards and other public bodies charged with the responsibility of providing public facilities and services must be cognizant of changes taking place in the number and distribution of persons within their jurisdiction. Producers and distributers of manufactured goods and farm produce must be aware of changes in their markets and the availability of manpower which in many cases results from changes in the population.

This study is one of a series of reports which will provide information on Connecticut's population and the trends which are occurring. The focus of this report is on the growth of Connecticut's population between 1960 and 1970 with some comparison to growth between 1950 and 1960. Changes in population size and distribution are a function of the interplay between births, deaths, and migration. In this report, the emphasis is placed upon two major sources of population change; natural increase (the difference between births and deaths over the ten year period) and migration.

The crude birth rates observed in Connecticut during the past decade were somewhat lower than those for the nation. The birth rates for Connecticut and the nation generally declined since 1957 while the crude death rates have remained fairly constant since the 1950's. The declining crude birth rates and the low crude death rates have produced a declining but still substantial rate of natural increase.

Migration is the other dynamic factor in population change. Because records on the movement of persons in this country are not maintained, it is difficult to determine the volume of migration to and

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from a specific area in this country. Migration, however, may be as important a factor as natural increase in the growth rate of a specific area. We can measure the net effect of migration indirectly through the available data on population and natural increases. Connecticut has experienced a net in-migration of persons for a number of decades largely at the expense of the other New England states and New York. Large scale migration has also occurred within the state. The trend in recent decades has been from the central cities to the surrounding suburban areas.

THE POPULATION OF CONNECTICUT

Connecticut, in 1970, had the largest population in its history, 3,032,217 persons. Although Connecticut ranks 48th in area among all the states - only Delaware and Rhode Island are smaller - it ranks 24th in population size. Among the New England states only Massachusetts, with its 5,689,170 persons, has a population exceeding that of Connecticut. In 1970, over one-fourth of the population of the New England states live in Connecticut.

During the 1960-1970 decade, 496,983 persons were added to Connecticut's population compared to the 527,954 persons added during the previous decade. 2 Although Connecticut's population growth between 1960 and 1970 was smaller than that of the previous decade, this was the equivalent of adding a population greater than the combined 1970 populations of the cities of Bridgeport, Hartford, and New Haven and represents a 19.6 percent growth rate for the decade. Connecticut's rate of population growth was higher than that experienced by the United States, New England and the Northeast. Among the New England states, Connecticut's growth rate is exceeded only by New Hampshire which experienced a 21.5% decennial rate of growth. The rate of increase for the United States during the 1960-1970 period was 13.3 percent while that of New England was 12.7 percent. Of the three Middle Atlantic states only the state of New Jersey with an 18.2 percent decennial increase was comparable to that of Connecticut's in the Northeast. Connecticut ranked 11th among the 50 states in percentage increase during the decade and 16th among the 50 states in the amount of population gained during the decade (Figure 1, Table 1). Three states (South Dakota, North Dakota and West Virginia) and the District of Columbia experienced a loss of population between 1960 and 1970.

Sources of Population Increase

As we have seen earlier, there are two sources for any increase in the population of an area; natural increase and net migration. Natural increase is defined as the excess of births over deaths while a gain from net migration results when more people move into an area than move out of an area during a given time period. The rates of increases shown in Table 1 and Figure 1 reflect the interaction of the forces of net migration and natural increase. Since every state experienced a

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natural increase during the 1960-1970 decade it can be assumed that those states which lost population or gained very little, experienced a net out-migration while those states with highest rates of decennial increase experienced a net in-migration of people. Connecticut's population increase between 1960 and 1970 was derived from both a net in-migration to the area and a natural increase in population. During the 10 year period, natural increases added approximately 280,889 persons to the state's population while an additional 215,586 persons were added as a result of a net in-migration.³

Net migration gains are an important factor in the growth of Connecticut's population. In the decade between 1950 and 1960, 55.9 percent of the state's population increase was derived from natural increase while net in-migration accounted for the remaining 44.1 percent of the state's population growth. During the 1960-1970 decade the proportion of the population increase due to net migration declined slightly to approximately 43.4 percent while natural increases accounted for the remaining 56.6 percent. Migration has played a significant role in the growth of population in the state so far and from all indications will continue to be an important source of population increases in the decades ahead. Both inter-state and intra-state migration are important factors in the changing distribution of Connecticut's population within the various geographic sub-divisions.

Population Density

The combination of Connecticut's small land area and its relatively large population make it the fourth most densely populated state in the country. According to the 1970 Census there were approximately 4862 square miles of land within the state and a population density of 623.6 persons per square mile of land. Only New Jersey with a density of 953 persons per square mile, Rhode Island with a density of 902 persons per square mile, and Massachusetts with a density of 727 persons per square mile, had population densities greater than that of Connecticut. The significance of these density figures can be readily seen when they are compared with the average density of 57.5 persons per square mile for the country as a whole. Connecticut's population density has increased consistently since 1920 when there were 286 persons per square mile of land. During the most recent decade there was an increase of approximately 117 persons per square mile of land area in Connecticut.

Connecticut's people are not uniformly distributed throughout the state but are highly concentrated in two contiguous areas: along Long Island Sound between the southeastern boundary of New York State to New Haven County; and along the Connecticut River Valley between New Haven in the south through Hartford County to the Massachusetts border. Geographically, Connecticut is separated into eight counties containing 169 towns. The three counties in the most densely populated area of the state, Fairfield, Hartford, and New Haven, all had population densities of over 1000 persons per square mile compared to the relatively low densities in Litchfield County in the northwestern section of the state and the four counties which comprise the eastern part of the state (Table 2). Thirty-two towns within the densely populated three-county-area had population densities of over 1000 persons per square mile with 12 of these towns having densities greater than 2500 persons per square mile. Bridgeport with a density of 8751 persons per square

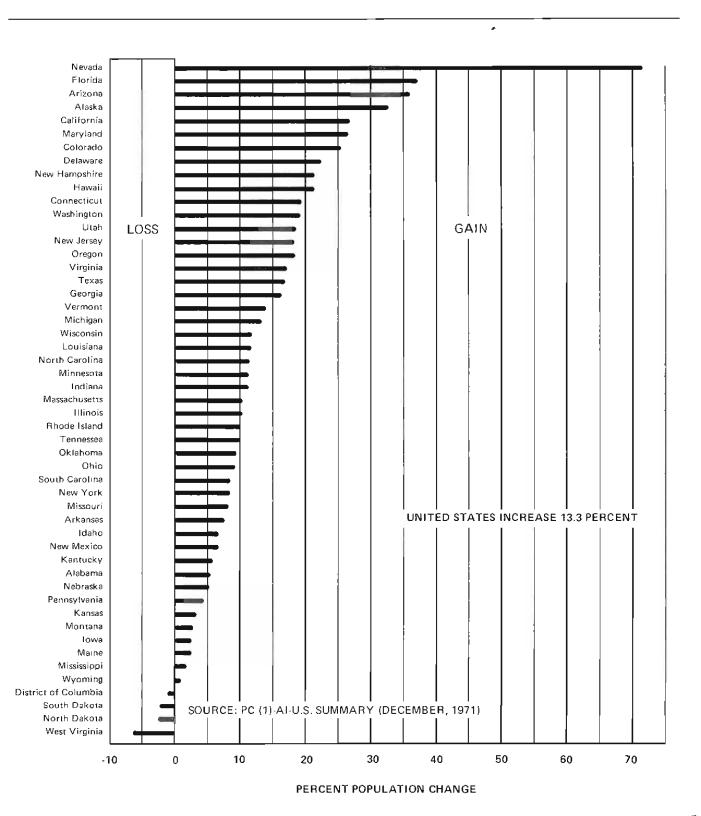
TABLE 1: Population of the United States, New England and Northeastern States, 1960-1970

	Popula	tion	Increase	1960-1970	
Area	1970	1960	Number	Percent	
United States	203,184,772	179,323,175	23,861,597	13.3	
New England	11,847,186	10,509,367	1,337,819	12.7	
Maine	993,663	969,265	24,398	2.5	
New Hampshire	737,681	606,921	130,760	21.5	
Vermont	494,732	389,881	54,851	14.1	
Massachusetts	5,689,170	5,148,578	540,592	10.5	
Rhode Island	949,723	859,488	90,235	10.5	
CONNECTICUT	3,032,217	2,535,234	496,983	19.6	
New York	18,190,740	16,782,304	$1,\overline{408,436}$	8.4	
New Jersey	7,168,164	6,066,782	1,101,382	18.2	
Pennsylvania	11,793,909	11,319,366	474,543	4.2	

TABLE 2: Population of Counties, Connecticut 1960-1970

	Population 1970 1960		Increase 1	960-1970 Percent	1970 Population Density Per Squar Mile of Land	
THE STATE	3,032,217	2,535,234	496,983	19.6	623.6	
County						
Fairfield	792,814	653,589	139,225	21.3	1266.5	
Hartford	816,737	689,555	127,182	18.4	1105.2	
Litchfield	144,091	119,856	24,235	20.2	155.8	
Middlesex	115,018	88,865	26,153	29.2	308.6	
New Haven	744,948	660,315	84,633	12.8	1233.4	
New London	230,654	185,745	44,909	24.0	345.3	
Tolland	103,440	68,737	34,703	50.5	248.7	
Windham	84,515	68,572	15,943	23.3	164.4	

FIGURE 1. STATES RANKED BY PERCENT OF POPULATION CHANGE: 1960-1970



mile and Hartford with a density of 8496 persons per square mile were the most densely populated towns in the state (Figure 2).

Many areas of the state are relatively sparsely settled. Only 4 towns in the more rural counties of Litchfield, Middlesex, New London, Tolland and Windham had population densities of over 1000 persons per square mile while 31 towns had densities of less than 100 persons per square mile. The town of New London with a density of 5102 persons per square mile was the most densely populated town outside the three county urban area.

THE POPULATION OF CONNECTICUT COUNTIES

All eight counties in Connecticut experienced an increase in population size during the 1960-1970 decade ranging from a high of 139,225 persons in Fairfield to a low of 15,943 persons in Windham County. The population of three counties, Hartford, New Haven, and Fairfield surpassed the 700,000 mark for the first time (Table 2). Hartford with a population of 816,737 persons is the most populated county in the state. In 1970, Fairfield County with a population of 792,814 became the second most populated county while New Haven County which had the largest population in the state between 1860 and 1940 dropped into third place in population size among the eight counties. If current trends continue it seems probable that Fairfield County may become the most populated county in the state by the time of the 1980 Census. Windham County with a population of 84,515 persons had the smallest population in 1970.

The populations of six of the eight counties in the state grew at a faster decennial rate than the state as a whole. The rate of population increase is a better indicator of the impact of population change than actual numerical increases since a high rate of population growth may have a greater impact on the socio-economic institutions in an area even though the number of persons added to the population may be smaller then in areas with a lower rate of growth. For example, the impact of population growth will be greater in Tolland County which had a 50.5 percent decennial rate of increase than in New Haven County with a 12.8 percent decennial increase even though over twice as many persons were added to the population of New Haven County over the 1960-1970 decade (Table 3). Service institutions in Tolland County such as the schools, the fire department, the police force, and the medical programs must now meet the needs of three persons for every two served in 1960.

In general, those counties with the smallest population size in 1960 grew at a faster rate than the state as a whole. The major exception to this trend was Fairfield County with a 21.3 percent decennial

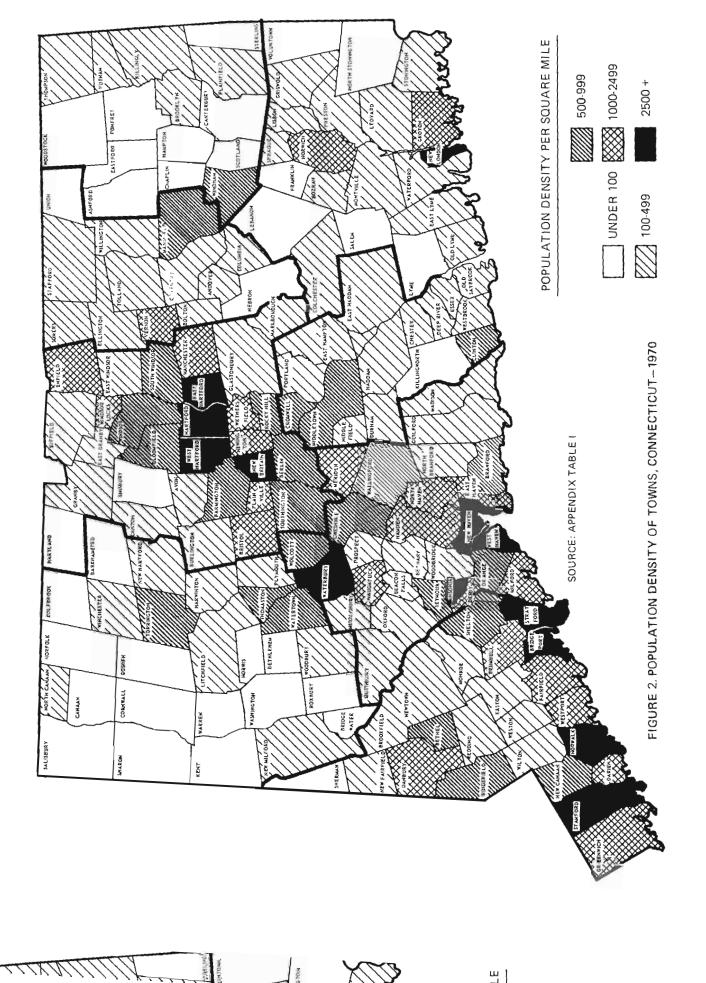


TABLE 3: Increase in Population of Counties by Source, Connecticut, 1960-1970

	Increase	1960-70	Source of	f Increase	Percent or Due	Migration Per		
	Number	Percent	Natural Increase	Estimated Migration	Natural Increase	Estimated Migration	1,000 of 1960 Population	
THE STATE	496,475	19.6	280,889	215,586	56.6	43.4	85.0	
County								
Fairfield	139,225	21.3	66,499	72,726	47.8	52.2	111.3	
Hartford	127,182	18.4	81,733	45,449	64.3	35.7	65.9	
Litchfield	24,235	20.2	9,795	14,482	40.3	59.7	120.8	
Middlesex	26,153	29.2	10,535	15,618	42.2	57.9	174.0	
New Haven	84,633	12.8	64,076	20,557	75.7	24.3	31.1	
New London	44,909	24.0	29,507	15,402	66.2	33.8	81.3	
Tolland	34,703	50.5	11,913	22,790	34.3	65.7	331.6	
Windham	15,943	23.3	6,836	9,107	42.9	57.1	132.8	

TABLE 4: Increase in Population of Counties by Source, Connecticut, 1950-1960

	Increase	1950-60	Source o	f Increase		f Increase	Microtian Dar
	Number	Percent	Natural <u>Increase</u>	Estimated Migration	Natural Increase	to Estimated Migration	Migration Per 1,000 of 1950 Population
THE STATE	527,954	26.3	294,911	233,043	55.9	44.1-	116.1
County							
Fairfield	149,247	29.6	70,882	78,365	47.5	52.5	155.4
Hartford	149,894	27.8	89,769	60,125	59.9	40.1	111.4
Litchfield	20,984	21.2	12,163	8,821	58.0	42.0	89.2
Middlesex	21,533	31.3	9,303	12,230	43.2	56.8	181.6
New Haven	114,531	21.0	72,498	42,033	63.3	36.7	77.0
New London	40,924	28.3	24,264	16,660	59.3	40.7	115.0
Tolland	24.028	53.7	9,063	14,965	37.7	62.3	334.7
Windham	6,813	11.0	6,969	- 156	102.3	-2.3	-2.5

rate of increase. Only New Haven with 12.8 percent rate of increase and Hartford with an 18.4 percent rate of increase experienced rates of population growth below the states average. Tolland County had the highest decennial rate of growth in the state followed by Middlesex County, New London County and Windham County, in that order. Windham County with a 23.3 percent decennial rate of growth had the smallest numerical increase while Fairfield County had the largest numerical growth. Only Fairfield County with a decennial increase of 139,225 persons and Hartford County with an increase of 127,182 persons experienced a population growth of over 100,000 persons.

Sources of Population Increase

Every county gained population through both natural increase and net migration during the decade. Natural increase accounted for the major portion of the population increases in three counties, and in one of these counties, New Haven, it accounted for over 75 percent of the increase. New London County ranked second in the proportion of population growth attributed to natural increase with an estimated 65.7 percent followed by Hartford with 64.3 percent. In contrast only 34.3 percent of the population increase in Tolland County was a consequence of natural increase.

The county pattern of population increase resulting from net migration is interesting and indicates the changing patterns of population distribution within the state. Some counties undoubtedly experienced population growth not only from the net movement of people between Connecticut and other states but from intercounty migration within the state. Generally, the more rural counties with the lowest population density gained a larger proportion of their population increase through net migration while the heavily populated "urban core" counties in the state derived the higher proportions of their population increase from natural increases. Two exceptions to this trend should be noted. Nearly two-thirds of the population growth in New London County was a result of natural increase despite the relatively low population density while Fairfield County with the highest population density derived 52.2 percent of its population growth from net migration gains. Although the present data do not permit a detailed analysis of migration, it seems probable that the geographical location of these counties provides a partial explanation for their deviation from the general pattern. Fairfield County, located in the southwestern corner of the State adjacent to the border of New York state has attracted a heavy influx of migrants employed in the New York City Metropolitan area. New London County, located in the southeastern portion of the State, is separated from the "urban core" counties by the counties of Middlesex and Tolland. These two counties have been attracting persons who work in the urban centers of Hartford and New Haven Counties but still have relatively low population densities.

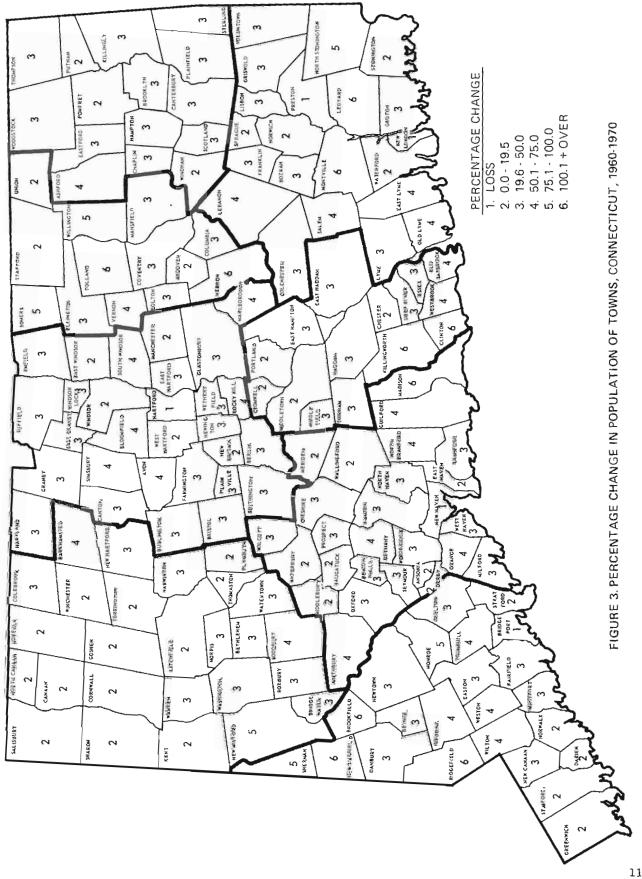
In summary, the pattern of population increase resulting from net migration reflects a continuing trend of migration from more densely populated urban areas into more sparsely settled surrounding areas. In Connecticut this trend appears to be following two separate patterns: a migration of persons from the New York City Metropolitan area into Fairfield County, and the movement of persons from the urban centers in Hartford and New Haven Counties into the surrounding counties.

Table 4 is included in order to provide a basis for the comparison of population increases in Connecticut's counties over the past two decades. In the comparison of Tables 3 and 4 it should be noted that while the decennial rate of population growth in Connecticut declined there is a significant difference in both the decennial rate of increase and the sources of population increase in the various counties. Windham County was the only county to experience an actual increase in the decennial rate of growth in 1970. An additional four counties, Litchfield, Middlesex, New London, and Tolland experienced declines in their decennial growth rate which were lower than the decline for the state as a whole. It is interesting to note that while these 5 counties are the counties with the lowest population density, four of the five counties also gained a major proportion of their population increase between 1960 and 1970 for a net migration gain. In this group, only New London County receives most of its population increase over the decade as a result of natural increases.

The comparison of the pattern of population increase by source of increase is also indicative of the increasing role that net migration plays in the population increases in the more rural counties. 1970, five counties gained a greater proportion of their population increase through net migration gains compared to only three counties in 1960. With the exception of New London County, the rural areas derived a higher proportion of the decennial population increase from a net migration gain during the 1960-1970 decade while the more urban counties derived a lower proportion from a net migration gain. Fairfield County, which gained a greater proportion of its population increase between 1960 and 1970 from net migration gains experienced a slight decline in its proportional gain. The most significant changes occurred in Litchfield and Windham Counties, the counties with the lowest population densities in 1970. These two counties experienced a reversal in the major source of population growth. Windham County which experienced a net migration loss during the 1950-1960 decade, derived 57.1 percent of its population increase during the 1960-1970 decade from a net migration gain. In Litchfield County net migration increased from 40.1 percent of the total population increase in 1960 to 59.7 percent in 1970. These changes seem to suggest that out-migration from urban areas may be extending to the more distant counties. this trend is true, and it continues, we can expect to observe an even greater proportional increase in the population of the more rural counties in the state over the next few decades.

CONNECTICUT TOWNS

Although Connecticut is a relatively heavily populated state, 93 of the 169 towns in the state had fewer than 10,000 inhabitants in 1970. Of these 93 towns 62 contained fewer than 5000 persons and 4 towns had less than 1000 inhabitants (Appendix Table 1). The town of Union in Tolland County with 443 persons once again has the smallest population in the state while the town of Hartford with 158,017 continues to have the largest population, even though it declined by 4161 persons over the decade. Of the remaining towns, 43 had populations



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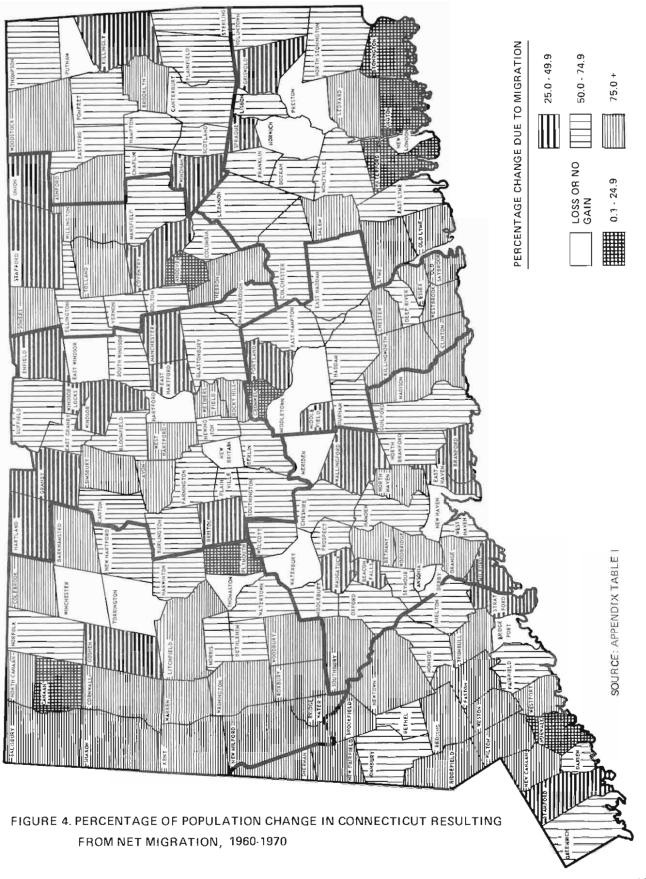
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ranging between 10,000 and 25,000 persons, 28 contained between 25,000 and 100,000 persons and 5 towns, Hartford, Bridgeport, New Haven, Stamford, and Waterbury, had over 100,000 inhabitants. Of these five, only Stamford and Waterbury gained population over the decade.

Even though Connecticut experienced a relatively high rate of increase between 1960 and 1970, five towns actually lost population over the decade. Three of these towns, Hartford, New Haven, and Bridgeport, also lost population during the previous decade. Fifty additional towns had decennial rates of population growth lower than the 19.6 percent increase for the state (Figure 3). In general the growth of towns over the decade follows a pattern similar to that noted for counties. Towns which lost population or experienced relatively low rates of decennial increases fall into two general categories. The first category reflects the general outward movement of people from the larger urban areas. Towns in this category are either major urban centers or towns located adjacent to or near urban centers which had experienced relatively high rates of growth through net migration gains over the preceding decades. The second category of low growth towns are located in the more remote rural areas in Northwestern Connecticut and Eastern Connecticut and are at a greater distance from the urban core. These towns are generally outside the commuting range of major urban centers because of either the distance involved or the absence of major highway linkages.

The 10 towns which more than doubled over the decade are located near the urban core or within relatively easy commuting distance. For example, the town of Brookfield which experienced the highest growth rate in the state, 184.5 percent, is located in Fairfield County adjacent to the Danbury SMSA. New Fairfield and Ridgefield which also more than doubled in population over the decade are also located adjacent to the Danbury SMSA, the fastest growing SMSA in the state. The remaining seven towns which doubled in population are also located within commuting distance of urban centers indicating a continuation of the outward suburban movement of population from the more densely populated towns.

Figure 4 shows the proportion of the population changes in Connecticut's towns which is a consequence of net migration. This figure also supports the general conclusion of an outward movement of population from the more densely settled urban towns into the rural areas. The three counties in the "urban core area" had an average decennial migration rate of 69 migrants per thousand population in 1960 while the remaining 5 counties experienced a decennial migration rate of 145 persons per thousand 1960 population. When New London is excluded from the grouping, the migration rate increases to approximately 192 persons per 1000 1960 population. In other words, counties with low population densities experienced significantly higher net migration gains. The average migration rates of the less densely populated group of counties was over twice as high as the average migration in the highly urban group and nearly three times as high when New London County is excluded.



The pattern of changes in population of towns as a result of losses or gains through net migration is not as clear. Of the 17 towns which experienced either no gain or a loss as a result of net migration, 10 had population densities of over 1000 persons per square mile and an additional 3 towns had population densities between 500 and 1000 persons per square mile. The remaining 4 towns with relatively low population densities may reflect a counter trend in migration often referred to as the depopulation of rural areas. Many rural areas which are primarily agriculture have been experiencing an out-migration of young people as a consequence of declining opportunities for employment. However, a more detailed and inclusive analysis of migration patterns is needed to provide conclusive evidence on the causes and direction of migration streams in the state.

The town of New Haven experienced the greatest net migration loss of 28,046 persons over the decade followed by Hartford with a net migration loss of approximately 24,040 and Bridgeport with a net migration loss of 17,196. In contrast, Trumbull experienced the greatest gain in population from net migration during the decade, 9489 persons. Ridgefield was next with 8529 persons added as a result of net migration gains. Significantly, both Ridgefield and Trumbull are located in Fairfield County near urban centers. Increases in population derived from net migration were quite important, moreover, to most of the towns of the state: 118 towns received one-half or more of their decennial population increase from net migration and fifty-four towns received over three-fourths of their growth from this source. The state as a whole received 43.4 percent of its decennial increase from estimated net migration.

One generally thinks of residential migration from the cities as being directed to suburban areas which are located fairly close to the cities. In Connecticut most persons who have sought home away from the urban centers have moved to the peripheral suburban towns. However, as these towns have become more crowded growing numbers of workers employed in the urban areas and their families migrate beyond the suburbs to the more rural hinterland towns and counties. manifested in the continuing migration patterns of Tolland and Middlesex counties and the novel increase in migration to Windham and Litchfield counties. East of Hartford the towns of Hebron, Somers, Tolland, Vernon, and Willington each had decennial rates of increase of at least 60 percent. To the east of New Haven the corresponding towns were Cheshire, Orange, Guilford, and North Haven. Together, Hartford and New Haven, have experienced an out-migration of 119,503 persons over the past two decades most of which appears to have gone into nearby towns.

In summary, one of the most important factors in the differential population growth in Connecticut towns during the 1960 decade appears to be a continuing desire to live outside the larger cities and more densely populated areas. This movement of people to the open country may have been facilitated by the increasing number of automobiles in the state and improvements in the state's highways system. In many respects this may be a blessing in disguise since the increasing numbers of commuters may create traffic jams in or near the larger cities in the state. As a result commuting may become increasingly stressful and time consuming.

TABLE 5: Urban and Rural Population, Connecticut 1970*

	Number	Percent	Percent	
THE STATE	3,031,709	100.0		
Total Urban	2,345,052	77.4	100.0	
Central Cities Urban Fringe Urban Places	993,878 1,107,780 243,394	32.3 36.5 8.0	42.4 47.2 10.4	
Total Rural	686,657	22.6	100.0	
Places 1,000-2,500 Other Territory	42,958 643,699	1.4 21.2	6.3	

^{*} Based upon published census data. The Census Bureau has circulated revised data on population which show an additional 508 persons in the state.

TABLE 6: Changes in the Urban-Rural Populations of Connecticut 1960-1970*

	Popula	ation	1960-70 Change		
	1970	1960	Number	Percent	
THE STATE	3,031,709	2,535,234	496,475	19.6	
Total Urban	2,345,052	1,985,567	359,485	18.1	
Central Cities Fringe Areas Urban Places	993,878 1,107,780 243,394	872,643 728,518 384,406	121,255 379,262 -141,012	13.9 52.0 -36.7	
Total Rural	686,699	549,667	137,032	24.9	
Places 1,000-2,5 Other Territory	00 42,958 643,699	44,545 505,122	-1,587 138,577	-3.6 27.4	

^{*} See footnote Table 5.

URBAN-RURAL RESIDENCE

The great majority of the people of Connecticut are urban residents. In 1970, 2,345,052 persons or approximately 77.4 percent of the state's population lived in places designated as urban by the U.S. Bureau of the Census. Connecticut has a higher proportion of its population urban than the 73.5 percent figure for the U.S. as a whole. Fifteen states were more urbanized than Connecticut. California with 90 percent of its people living in urban areas was the most urbanized state in the country. The states adjacent to Connecticut all had a higher proportion of their populations living in urban areas: Massachusetts 84.6 percent urban; Rhode Island 87.1 percent urban; and New York, 85.6 percent urban. In contrast, Vermont with 32.2 percent of its population classified as urban had the lowest proportion of its population classified as urban in the country and only 56.4 percent of the population of New Hampshire is classified as urban.

The population of the United States has become increasingly urban since the first census was taken in 1790. The percent of the population classified as urban increased at each census from a low of 5.1 percent in 1790 to 73.5 percent in 1970. Connecticut's population has followed a similar pattern with two exceptions that should be noted. Before the 1820 Census, Connecticut had a smaller proportion of its population urban than the U.S. as a whole. After 1820 the state was consistently more urbanized than the United States as a whole. However, in the decade between 1960 and 1970 there was a decrease in the proportion of Connecticut's population living in urban areas from 78.3 percent in 1960 to 77.4 percent in 1970 while the urban population in the U.S. increased by nearly 4 percent. Since the proportion urban was approximately the same in 1950 as it is in 1970 with only the slight increase in 1960, it seems possible that there is a leveling off of the urban trend in Connecticut. This proposition is also supported by the trends in population change, net migration, and population density in Connecticut's towns and counties cited earlier in this report.

Table 5 presents data on urban and rural populations in the state for 1970 and the percentages of populations within the various subareas. Over two-fifths of the urban residents in the state live in the 10 largest cities, each of which has a population of over 50,000 persons. An additional 47.2 percent of the urban population live in the urban fringe areas of high population density.

The rural population, those persons residing in places not designated as urban, comprises over 680,000 persons and represents slightly more than one-fifth of the state's inhabitants. Fewer than one out of every ten, 6.3 percent, of these rural persons lives in the twenty-four villages which have populations between 1000 and 2500. Most of the rural population lives in smaller settlements and in open country.

Unlike the previous ten years, the decade from 1960 to 1970 saw Connecticut's rural population increasing at a faster rate than its

urban population, 24.9 percent to 18.1 percent. At the end of the decade, the urban population was larger by almost 360,000 persons and the rural population was larger by more than 137,000 persons (Table 6).

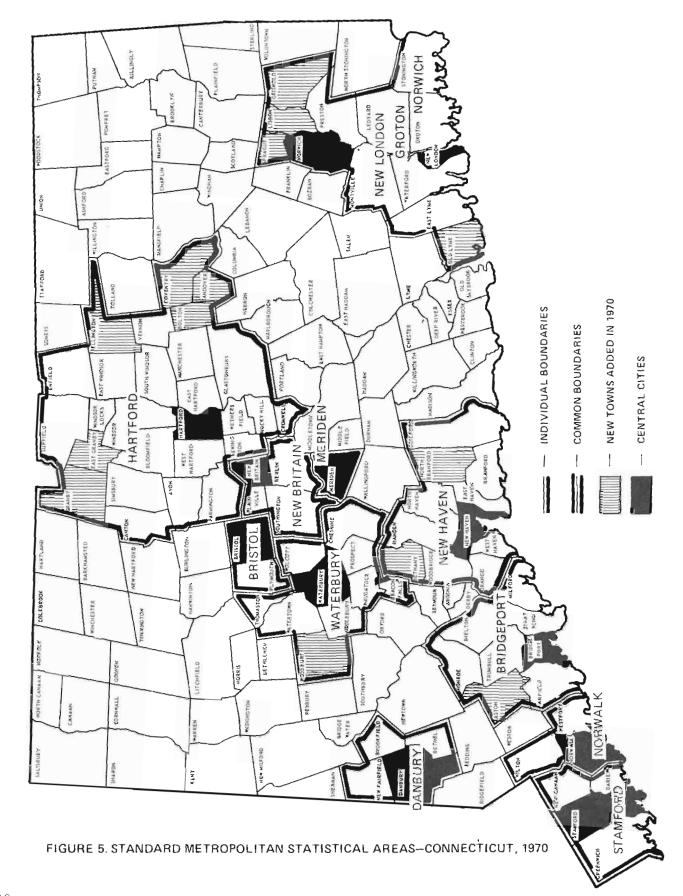
Quite different patterns of growth were experienced by the various segments of the urban population. The state's ten largest cities experienced a combined growth in population of only 13.9 percent during the decade. It was the urban fringe area that experienced the fastest population growth over the decade with an increase of approximately 52 percent between 1960 and 1970. The remaining urban population located in urban places outside the urbanized areas declined by 36.7 percent.

The two segments of Connecticut's rural population experienced quite different patterns of change during the decade. The rural population living in the open country and in small villages (under 1000 inhabitants) increased by more than one-fourth (27.4 percent). In contrast, the population living in villages of between 1000 and 2500 inhabitants decreased by 3.6 percent. This decrease, however, may be primarily a function of the definition of urban and rural: when the population of a nucleated settlement increased to 2500 or more, that settlement is designated as an urban place and the residents are counted as part of the urban population. It was this process of passing from rural to urban through population growth which was primarily responsible for the enumerated loss in the state's larger village populations.

When changes in urban-rural population in the 1950-1960 decade are compared to changes in the 1960-1970 decade it can be seen that they are roughly parallel but more pronounced during the early decade. Comparisons over the two decades are difficult because census definitions of urban and rural areas are primarily based upon population size. As a result there has been a shift of some towns from one classification to another because of population increase between 1960 and 1970. Despite these changes, the fastest growing urban areas over both decades were the urban fringe areas while the urban areas with the lowest growth rates in 1960 and which experienced a decline in 1970 were outside the Standard Metropolitan Statistical areas. The proportion of the population living in rural areas increased over the two decades with greatest increase occurring in towns of less than 1000 populations.

STANDARD METROPOLITAN STATISTICAL AREAS

The number of SMSA's in Connecticut increased from 9 in 1960 to 11 in 1970. Bristol SMSA was identified before the 1970 Census was taken on the basis of population projection and has been tracted and includes the towns of Bristol and Plymouth. Danbury was identified on the basis of the 1970 Census enumeration and has not been tracted. It includes the towns of Danbury, Bethel, Brookfield, and New Fairfield. Figure 5 shows the boundaries and towns included in the 11 SMSA's in Connecticut and a listing of the towns included in each of the 11



SMSA's is contained in Appendix C. The town of Somers in Tolland County is a component part of the Springfield-Chicopee-Holyoke, Massachusetts SMSA, and is included in the data for the total population of SMSA's in the state contained in Table 7.

The heavy concentration of population in metropolitan areas continues to be one of the dominating facts of population distribution in this country. In 1970, 68.6 percent of the population of the United States lived in 243 Standard Metropolitan Statistical Areas in the country. In Connecticut the concentration is even greater and 82.6 percent of the state's residents live in the eleven SMSA's (Figure 5).

The trend for metropolitan-nonmetropolitan growth in Connecticut differs from the national trend. SMSA's in the United States grew more rapidly than the total population over the 1960-1970 decade. While the population of the United States increased by 13.3 percent over the decade the population living in SMSA's increased by 16.6 percent. In contrast, Connecticut's decennial rate of population increase of 19.6 percent was greater than the increase for the U.S. but the decennial rate of population growth for metropolitan areas of 14.8 percent was lower than the rate of growth for SMSA's in the country.

The eleven SMSA's which have been defined in Connecticut are Eridgeport, Bristol, Danbury, Hartford, Meriden, New Britain, New Haven, New London-Groton-Norwich, Stamford, and Waterbury. With two exceptions, each SMSA consists of a central city and a surrounding ring of towns. The two exceptions are the New London-Groton-Norwich SMSA in which both New London and Norwich are combined as the central city and Meriden SMSA which does not contain any surrounding towns.

Within the state's SMSA's the various component parts experienced quite different patterns of population change. The central cities taken together had a 5 percent increase in population, a decennial rate of growth slightly higher than the 3.3 percent growth rate for the 1950-1960 decade. The towns outside the central cities grew at faster paces then the central cities, increasing by 22.1 percent over the decade, however, they experienced a significantly smaller increase than the 54 percent increase during the previous decade. Overall the combined population of the state's SMSA's increased by 14.8 percent during the 1960-1970 decade compared to the 24.7 percent increase during the 1950-1960 decade. The population of nonmetropolitan areas of the state outside the SMSA's also grew at a slower rate than during the previous decade but experienced a faster rate of growth than the areas within SMSA's. In contrast, the area outside the central city of the states SMSA's had a faster decennial rate increase significantly larger then the nonmetropolitan areas in 1960.

Individual SMSA's

There has been a wide variation in the decennial growth patterns among the individual SMSA's. The data on population of the component parts of individual SMSA's are contained in Table II in the Appendix.

TABLE 7: Population Data for Metropolitan and Non-Metropolitan Areas, Connecticut, 1960-1970

	Population 1970	Population 1960	Change 1 Number	960-1970 Percent
THE STATE	3,031,709	2,535,234	496,475	19.6
Total SMSA*	2,504,802	2,133,533	371,269	14.8
Central City Outside Central City	1,066,941 1,437,861	1,013,758 1,119,775	53,183 318,086	5.0 22.1
Total Non-Metropolita	n 526,907	401,701	125,206	23.8

^{*} Includes two new SMSA's in 1970 (Bristol and Danbury) and Town of Somers which is part of Springfield-Chicopee-Holyoke SMSA. The figure for 1960 has been adjusted to include new towns added to SMSA's in 1970. For a listing of towns in each SMSA see Appendix C. 1970 data is based upon published statistics.

Four of Connecticut's eleven SMSA's had decennial rates of population increase lower than the state. Meriden with a 7.9 percent increase experienced the lowest growth rate. The town of Meriden, the only town in the Meriden SMSA, experienced a net migration loss of 1196 persons over the decade while three of the towns adjacent to Meriden to the north and west, Southington, Berlin, and Cheshire, experienced relatively high net migration gains which accounted for over 70 percent of their population growth. It seems possible that the out-migration from Meriden may have contributed to the net migration gains for these three towns. The situation is further complicated by the fact that Southington and Berlin are included in the New Britain SMSA while Cheshire is a part of the Waterbury SMSA. It seems possible that towns on the outer fringes of adjacent SMSA's may be attracting inter-SMSA migrants as well as intra-SMSA migrants. It is also interesting to note that the decennial rate of population growth of the New Britain and Waterbury SMSA's are lower than the state average while the areas outside the respective central cities are growing at a faster rate then the average for corresponding areas in the state. A more detailed analysis of the origins and directions of migrants is needed before any firm conclusion can be made. New Haven had the second lowest decennial rate of growth among the state's SMSA's of 10.8 percent followed by New Britain and Waterbury.

Danbury with a 44.3 percent decennial rate of growth experienced the highest population increase of all the SMSA's in the state followed by Norwalk with a 24.1 percent increase over the decade. The central cities of three SMSA's, Bridgeport, Hartford, and New Haven lost population during the decade and the central cities of 6 of the remaining 8 SMSA's experienced significantly smaller population gains than the respective areas outside the central city. Only the central cities in the Danbury and Bristol SMSA's had greater decennial increases than the outlying areas. This may largely reflect their rapid growth to SMSA status over the decade.

In general, the patterns of the component parts of the state's SMSA's follow that of population dispersion noted earlier in this report. Larger cities and more densely populated areas are growing at a slower rate and in some instances losing population while adjacent towns and the more rural areas of the state tend to be gaining population at a faster rate. New London County is an exception to this trend but it seems probable that its geographic position in the southeastern corner of the state and its socio-economic history provide an explanation for its deviations from the general trends.

PLANNING REGIONS OF CONNECTICUT

During recent years it has become increasingly evident that there is a greater need for cooperation between local administration in planning for the development of an area. Many problems cross administrative boundaries and quite often the attempts by local governments to solve their own problems have had a detrimental effect on the surrounding areas. As a result there has been an increasing emphasis on regional planning. In Connecticut, the Connecticut Development Commission has defined 15 planning regions which cover 167 of the 169 towns in the state (Figure 6).

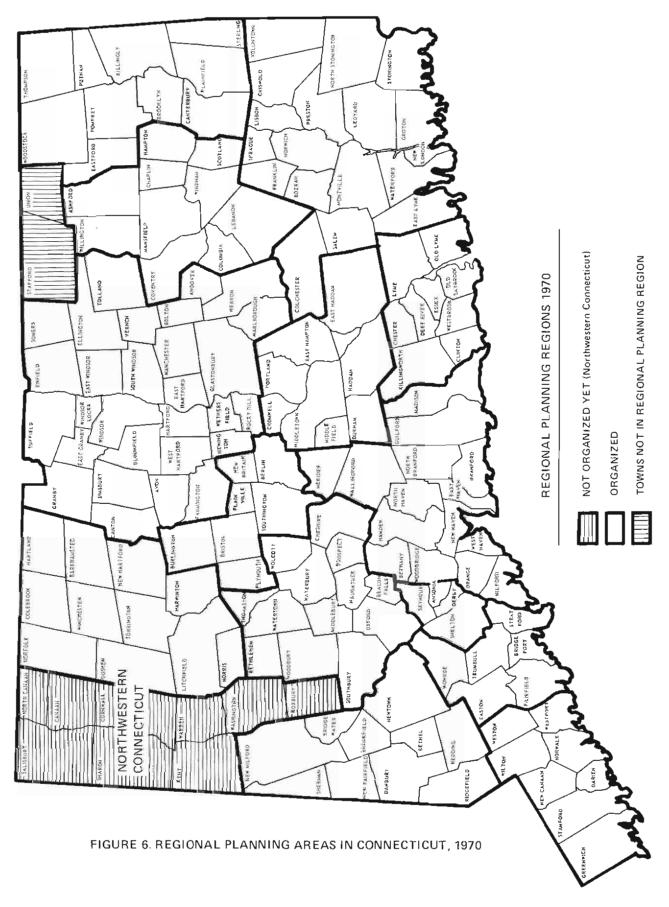


TABLE 8: Population Data for Connecticut Planning Regions 1960-1970

			9	Sourc Increas		% of 196	-	1970
Planning Regions	Popu: 1970	lation 1960	Change 1960-70	Natural	Net Migration	Increase Natural Increase	Net Migration	Population Density Per Square Mile
Capitol (CAP)	669,907	546,545	22.6	69,831	53,531	56.7	43.3	901.4
Greater Bridgeport (GRB)	311,130	278,131	11.9	26,262	6,737	76.9	23.2	2220.0
Central Connecticut (CLC)	215,147	186,667	15.3	20,543	7,937	72.1	27.9	1289.0
Central Naugatuck Valley (CNV)	223,211	195,512	14.2	18,483	9,216	66.8	33.2	730.2
Connecticut River Estuary (CRE)	43,921	26,733	60.9	3,144	13,144	19.3	80.7	250.3
Housatonic Valley (H)	136,462	87,280	56.3	11,933	37,249	24.3	75.4	432.3
Litchfield Hills (LIH)	68,167	60,688	12.3	4,421	3,058	59.1	40.9	168.4
Midstate (MID)	78,445	66,383	18.2	7,774	4,288	64.4	35.6	317.1
Northeastern Connecticut (NEC)	58,961	47,436	24.3	4,533	6,992	39.4	60.6	157.6
South Central Connecticut (SCC)	507,837	448,835	13.1	44,707	14,295	75.8	24.2	1393.8
Southeastern Connecticut (SEC)	220,402	179,060	23.1	28,710	12,632	69.4	30.6.	402.0
Southwestern Connecticut (SWC)	333,935	279,204	19.6	26,580	28,151	48.6	51.4	1617.5
Valley (VAL)	73,700	60,241	22.3	6,882	6,577	51.2	48.8	1327,7
Windham (WIN)	64,376	48,732	32.1	6,071	9,573	38.9	61.1	202.7
Northwestern (NWC) ²	18,393	15,928	15.5	229	2,236	9.3	90.7	52.0
Undefined	9,123	7,859	16.1	861	403	68.1	31.9	101.9

^{1.} The Housatonic Valley Council of Elected Officials is acting as a Regional Planning Agency.
2. The Northwestern Connecticut Planning Region has no established planning agency.

A planning region is composed of a group of relatively homogeneous towns which have economic, social, and physical ties. In general, the towns within the boundary of a region share mutual interests and concerns, and similar problems and needs. In Connecticut, regional planning agencies are created by local legislative action in the individual town for the purpose of formulating plans of development for the region and coordinating the implementation of these plans. Regional planning agencies also may conduct research which is useful to various public agencies in the region.

As of October 1, 1971, thirteen of the fifteen planning regions had established regional planning agencies and appointed directors to supervise the functions of the agencies. In an additional region, the Housatonic Valley Region, a council of elected officials will exercise the powers of a regional agency. Only the Northwestern Connecticut Planning Region has no established regional planning agency. The towns of Stafford and Union are the only towns in the state which have not been included in a planning region. Appendix C contains a listing of the regional planning agencies and the towns included in the various planning regions. The data on towns in Appendix A, Table 1, contain an abbreviated reference to the regional planning agencies to which each town belongs. In this way the reader can make comparisons of the data of the component towns within the various planning regions.

There are wide variations between the 15 planning regions. The planning regions range in size from the Capitol Regional Planning Agency which includes 29 towns with a 1970 population of 669,907 to the Northwestern Regional Planning Region which contains 9 towns with a total population of 18,393 in 1970 (Table 8). The Valley Regional Planning Agency has the responsibility for the smallest number of towns, four, but area contains a population of 73,700 persons.

The decennial rate of population increase for 8 of the 15 planning regions is lower than the rate increase for the state. A ninth region, the Southwestern Region, experienced a rate of growth approximately equal to that of the state. The Greater Bridgeport Planning Region with a 11.9 percent decennial increase experienced the lowest growth rate followed closely by Litchfield Hills Region with a 12.3 percent increase and the South Central Region with a 13.1 percent decennial increase. The Connecticut River Estuary experienced the highest decennial growth rate of 60.9 percent followed by the Housatonic Valley Region with 56.3 percent decennial increase. No other region had a rate of increase greater than 35 percent.

Every region gained population through both natural increase and net migration. Six of the regions gained a greater proportion of their population increase from net migration gains. In three of these regions, the Northwestern Region, the Housatonic Valley Region, and the Connecticut River Estuary Region, net migration gains accounted for over 75 percent of the population increase. In contrast, both the Greater Bridgeport Planning Region and the Southeastern Connecticut Planning Region gained over 75 percent of their decennial population increases from natural increase.

Population density also varied widely by planning region ranging from a high of 2220 persons per square mile in the Greater Bridgeport Region to 52 persons per square mile in the Northwestern Planning Region. There does not appear to be a clear pattern in the relationship between population density and the decennial rates of population increase of the major source of population increase for the planning regions. Perhaps a more detailed analysis of the similarities and differences of the towns within the various regions would disclose significant intra-regional trends.

With the increasing complexity and the growing awareness of the interdependence and interrelationships between local government units, planning will become an increasing force in our society. Regional planning agencies will play a greater role in meeting the needs and solving the problems of Connecticut's people. Plans are to incorporate more data on the planning regions in future reports in this series.

SUMMARY AND CONCLUSIONS

An analysis of the 1970 Census of Population leads to four basic conclusions. First, despite the fact that there has been a decline in the rate of population growth in Connecticut, the population of Connecticut continues to grow faster than the United States as a whole. This growth, in an area which is already densely populated will put increasing pressures on the resources in the state. Local and state governmental agencies will need to pay close attention to such factors as land use, transportation, housing, and public services to ensure that future supplies will meet the growing demands. Second, migration, both within the state and between Connecticut and other states contributes significantly to population growth within the state. Continuing net migration gains can increase the pressure on available resources and increase the need for planning at both the local and state levels. Net migration gains are likely to affect certain sections of the economy more than others. For example, the migration of young adults into a community can contribute to increasing demands for jobs and other activities of primary concern to this age group, creating an imbalance for which the community may be ill prepared. A net out-migration may also have a similar effect on the socio-economic structure of the area. Third, there is continuing evidence of a trend toward a redistribution of Connecticut's people within the state. Large, more densely populated areas are losing population or experiencing relatively small increases while the less populated rural areas in the state are growing more rapidly. The movement of population out of the urban areas often coincides with a similar movement of business and industry causing a loss of revenue in the urban centers and increasing problems of traffic congestion and needs for public services in the more rural areas. Finally, the current population trends indicate that there is a growing need to plan the use of available resources to meet the changing needs and problems associated with the changing distribution of population within the state. Many recent changes indicate a need for the greater cooperation of towns in planning for the efficient use of available resources and related problems, which cross jurisdiction boundaries. Planning regions represent an important first step toward developments which may improve the quality of life of Connecticut's people.

REFERENCES

- The data used in this report were obtained from U.S. Bureau of Census 1970 Census of the Population reports and the 1970 Census 1st and 2nd count tapes at University of Connecticut's Social Science Data Center.
- 2. Robert G. Burnight and Dorothy G. Ingalls. A Decade of Population Change: Connecticut 1950-1960. SAES Bulletin 366, December 1961.
- 3. The net migration figures presented here are residual figures obtained by subtracting the natural increase which occurred between April 1, 1960 (using 3/4 of the total 1960 figures) and April 1, 1970 (using 1/4 of the 1969 figures for the three months of 1970) from the total population increase for this period. Information about the actual net migration which occurred is not available. The statistics for births and deaths for each year 1960-1969 were obtained from the Bureau of Vital Statistics of the Connecticut State Department of Health.
- 4. Counties as governmental units no longer exist in Connecticut. However, since the United States Bureau of the Census continues to make tabulations and to publish data for them they are used in this study because they represent convenient geographical divisions of the state and because some organizations and programs continue to operate on a county basis.
- 5. The urban population according to the 1970 Census definition is composed of all persons living in (1) places of 2500 or more incorporated as cities, boroughs, villages and towns (except towns in New England, New York and Wisconsin; (2) the densely settled urban fringe, whether incorporated or unincorporated, around cities of 50,000 or more inhabitants; (3) unincorporated places of 2500 or more inhabitants. This is similar to the definition used in 1960. The minor changes in the 1970 definition did not affect the population of Connecticut. The rural population is that population not falling into one of the three categories indicated above. For a discussion of this criteria see U.S. Census Bureau's 1970 Census of Population publication PC(1) Al, pp. IX-X.
- 6. Standard Metropolitan Statistical Areas are defined by the Office of Statistical Standards, Bureau of the Budget, and are used by all federal statistical agencies and by many non-federal agencies and by researchers for the analysis of social and economic data. SMSA's are generally defined as a city or cities of 50,000 or more persons and the contiguous territory which is deemed to be closely integrated economically with those cities. In New England, towns (townships) are the units used in defining SMSA's; in the rest of the country, counties are the units. For a discussion of the criteria used in delineating SMSA's see U.S. Census Bureau's 1970 Census of Population publication PC(1) Al, pp. XII-XIII.
- 7. The area within most SMSA's has been sub-divided into census tracts. Census tracts are small relatively permanent and homogeneous areas with about 4000 residents. The tract boundaries are determined by a local committee and approved by the Census Bureau and confirm to town and county lines.
- 8. See Appendix B for a listing of towns in the various SMSA's in the state.

APPENDIX TABLES

APPENDIX A - TABLE II: Population Data for Connecticut Standard Metro-politan Statistical Areas, 1960-1970*

	Popula	tion	Change			
SMSA's	1970	1960	Number	Percent		
Total State	2,504,802	2,133,533	371,269	14.8		
Central Cities	1,066,941	1,013,758	53,183	5.0		
Outside Central Cities	1,437,861	1,119,775	318,086	22.1		
Bridgeport Central City Outside Central	389,153 156,542	337,983 156,748	51,170 -206	15.1 -0.1		
City	232,611	181,235	51,376	28.3		
Bristol Central City Outside Central	65,808 55,487	54,480 45,499	11,328	20.8 22.0		
City	10,321	8,981	1,340	14.9		
**Danbury Central City Outside Central	78,405 50,781	54,342 22,928	24,063 27,853	44.3 121.5		
City	27,624	31,414	-3,790	-12.1		
Hartford Central City Outside Central	663,891 158,017	549,249 162,178	114,642 -4,161	20.9 -2.6		
City	505,874	387,071	118,803	30.7		
Meriden Central City Outside Central	55,959 55,959	51,850 51,850	4,109 4,109	7.9 7.9		
City		~				
New Britain Central City Outside Central	145,269 83,441	129,397 82,201	15,872 1,240	12.3 1.5		
City	61,828	47,196	14,632	31.0		
New Haven Central City Outside Central	355,538 137,707	320,836 152,048	34,702 -14,341	10.8 -9.4		
Outside Central City	217,831	168,788	49,043	29.1		
New London-Grotor Norwich Central City	208,412 73,063	170,981 72,688	37,431 375	21.9		
Outside Central City	135,349	98,293	37,056	37.7		

Appendix Table II Continued

	Popu.	lation	Change	·
SMSA's	1970	1960	Number	Percent
Norwalk Central City Outside Central	120,099 79,113	96,756 67,775	23,343 11,338	24.1 16.7
City	40,986	28,981	12,005	41.4
Stamford Central City Outside Central	206,419 108,798	178,409 92,713	28,010 16,085	15.7 17.3
City	97,621	85,696	11,925	13.9
Waterbury Central City Outside Central	208,956 108,033	185,548 107,130	23,408 903	12.6 .08
City	100,923	78,418	22,505	28.7

^{*} Data for the total SMSA's includes data for the town of Somers in The Springfield SMSA. Danbury and Bristol are new SMSA's in 1970. 1960 figures have been adjusted to correspond to areas included in the 1970 definitions.

^{**} Danbury central city gained 27,020 persons through annexation of remaining area in the town of Danbury.

APPENDIX B

Towns in Standard Metropolitan Statistical Areas in Connecticut, 1970

Bridgeport SMSA

Bridgeport
Easton (*)
Fairfield
Milford
Monroe
Shelton
Stratford
Trumbull

Bristol SMSA (**)

Bristol Plymouth

Danbury SMSA (**)

Bethel Brookfield Danbury New Fairfield

Hartford SMSA

Avon Bloomfield Canton East Granby (*) East Hartford East Windsor Enfield Farmington Glastonbury Granby (*) Hartford Manchester Newington Rocky Hill Simsbury South Windsor Suffield West Hartford Wethersfield Windsor Locks Windsor

Cromwell

Hartford SMSA (con't)

Andover (*)
Bolton (*)
Coventry (*)
Ellington (*)
Vernon (*)

Meriden SMSA

Meriden

New Britain SMSA

Berlin New Britain Plainville Southington

New Haven SMSA

Bethany (*)
Branford
East Haven
Guilford
Hamden
New Haven
North Branford (*)
North Haven
Orange
West Haven
Woodbridge

New London-Groton-Norwich SMSA

East Lyme
Griswold (*)
Groton
Ledyard
Lisbon (*)
Montville
New London
Norwich
Old Lyme (*)
Preston
Sprague (*)
Stonington
Waterford

Norwalk SMSA

Norwalk Westport Wilton

Springfield-Chicopee-Holyoke, Mass. SMSA

Somers

Stamford SMSA

Darien Greenwich New Canaan Stamford

Waterbury SMSA

Thomaston
Watertown
Woodbury (*)
Beacon Falls
Cheshire
Middlebury
Naugatuck
Prospect
Waterbury
Wolcott

^(*) Town added to SMSA in 1970.

^(**) New SMSA in 1970.

APPENDIX C

Towns in Regional Planning Regions

I. Capitol Regional Planning Agency (29) (CAP)

Andover Farmington Somers Avon Glastonbury South Windsor Suffield Bloomfield Granby Hartford Tolland Bolton Canton Hebron Vernon East Granby Manchester West Hartford East Hartford Marlborough Wethersfield East Windsor Newington Windsor Ellington Rocky Hill Windsor Locks

Enfield Simsbury

II. Greater Bridgeport Regional Planning Agency (6) (GRB)

Bridgeport Fairfield Stratford Easton Monroe Trumbull

III. Central Connecticut Regional Planning Agency (7) (CLC)

Berlin New Britain Southington Bristol Plainville Burlington Plymouth

IV. Central Naugatuck Valley Regional Planning Agency (13) (CNV)

Beacon Falls Oxford Watertown
Bethlehem Prospect Wolcott
Cheshire Southbury Woodbury
Middlebury Thomaston
Naugatuck Waterbury

V. Connecticut River Estuary Regional Planning Agency (9) (CRE)

Chester Essex Old Lyme
Clinton Killingworth Old Saybrook
Deep River Lyme Westbrook

VI. Litchfield Hills Regional Planning Agency (11) (LIH)

Barkhamstèd Harwinton Norfolk Colebrook Litchfield Torrington Goshen Morris Winchester Hartland New Hartford

VII. Midstate Regional Planning Agency (8) (MID)

Cromwell East Hampton Middletown Durham Haddam Portland East Haddam Middlefield

Northeastern Connecticut Regional Planning Agency (10) (NEC) VIII.

Plainfield Brooklyn Thompson Canterbury Pomfret Woodstock Eastford Putnam

Killingly Sterling

IX. South Central Connecticut Regional Planning Agency (15) (SCC)

Bethany Madison North Haven Orange Branford Meriden Wallingford East Haven Milford Guilford New Haven West Haven Woodbridge Hamden North Branford

X. Southeastern Connecticut Regional Planning Agency (18)(SEC)

Ledyard Preston Bozrah Colchester Lisbon Salem East Lyme Montville Sprague Franklin New London Stonington Voluntown North Stonington Griswold Norwich Waterford Groton

XI. Southwestern Regional Planning Agency (8) (SWC)

New Canaan Darien Stamford Wilton Greenwich Weston

Norwalk Westport

XII. Valley Regional Planning Agency (4) (VAL)

Ansonia Seymour Derby Shelton

Windham Regional Planning Agency (10) (WIN) XIII.

Ashford Hampton Willington

Windham (Willimantic) Lebanon Chaplin

Mansfield Columbia Scotland Coventry

XIV. Housatonic Valley Council of Government Planning Agency (10) (H)

Ridgefield Bethel New Fairfield New Milford Sherman Bridgewater

Brookfield Newton Redding Danbury

Northwestern Connecticut Planning Region (9) (NWC) No established planning region agency.

North Canaan Sharon Canaan Warren Roxbury Cornwall Salisbury Washington Kent

Not defined as of 1972

Stafford Union

The numbers and abbreviations in parentheses indicate the number of towns in the region and the abbreviations used to identify these towns in Table I, Appendix A.

APPENDIX A - TABLE 1: Population Data for Connecticut Towns, 1960-1970

				8	Source	of	% of 60-	70	1970 Den-
		1970 Population	1960 Population	Change 60-70	Increase Natural	60-70 Net Migration	Increase Natural Increase	Nue to Net Migratio	sity Per Square
							ncrease	Migratio	11 11110
FAIRFIELD C	OUNTY								
Tot	al	792,814	653,589	21.3	66,499	72,726	47.8	52.2	1,266.
Bethel	(H)	10,945	8,200	33.5	988	1,757	36.0	64.0	640
Bridgeport	(GRB)	156,542	156,748	-0.1	16,990	17,196			8,751
Brookfield	(H)	9,688	3,405	184.5	965	5,318	15.4	84.6	479
Danbury	(H)	50,781	39,382	28.9	4,931	6,468	43.3	56.7	1,189
Darien´	(SWC)	20,411	18,437	10.7	903	1,071	45.7	54.3	1,370
Easton	(GRB)	4,885	3,407	43.4	180	1,298	12.2	37.8	173
Fairfield	(GRB)	56,487	46,183	22.3	3,084	7,220	29.9	70.1	1,760
Greenwich	(SWC)	59,755	53,793	11.1	2,425	3,537	40.7	59.3	1,176
Monroe	(GRB)	12,047	6,402	88.2	1,663	3,982	29.5	70.5	455
New Canaan	(SWC)	17,455	13,466	29.6	663	3,326	16.6	83.4	786
New Fairfie	1d(H)	6,991	3,355	108.4	517	3,119	14.2	85.8	276
Newton	(H)	16,942	11,373	49.0	1,244	4,325	22.3	77.7	280
Norwalk	(SWC)	79,113	67,775	16.7	9,074	2,264	80.0	20.0	2,602
Redding	(H)	5,590	3,359	66.4	415	1,816	18.6	81.4	177
Ridgefield	(H)	18,188	8,165	122.8	1,494	8,529	14.9	85.1	523
Shelton	(VAL)	27,165	18,190	49.3	3,064	5,911	34.1	65.9	900
Sherman	(H)	1,459	825	76.8	3.9	² 595	6.2	93.8	62
Stamford	(SWC)	108,798	92,713	17.3	11,419	4,666	71.0	29.0	2,775
Stratford	(GRB)	49,775	45,012	10.6	2,819	1,944	59.2	40.8	2,592
Trumbull	(GRB)	31,394	20,379	54.1	1,526	9,489	13.9	36.1	1,342
Weston	(SWC)	7,417	4,039	83.6	355	3,023	10.5	89.5	373
Westport	(SWC)	27,414	20,955	30.8	1,082	5,377	16.8	83.2	1,364
Wilton	(SWC)	13,572	8,026	69.1	659	4,887	12.0	88.0	437

APPENDIX TABLE 1: Population Data for Connecticut Towns, 1960-1970

	1970 Population	1960 Population	% Change 60-70	Source Increase Natural	60-70	% of 60° Increase Natural Increase	Duc to Net	1970 Den- sity Per Square Mile
HARTFORD COUNTY	816,737	689,555	18.4	81,733	45,449	64.3	35.7	1105.2
Avon (CAP) Berlin (CLC) Bloomfield (CAP) Bristol (CLC) Burlington (CLC)	8,352 14,149 18,301 55,487 4,070	5,273 11,250 13,613 45,499 2,790	58.4 25.8 34.4 22.0 45.9	659 853 1,430 6,229 332	2,420 2,046 3,258 3,759 948	21.4 29.4 37.5 62.4 25.3	78.6 70.6 (9).5 37.6 74.1	370 528 680 2,047 131
Canton (CAP) East Granby (CAP) East Hartford (CAP) East Windsor (CAP) Enfield (CAP)	8,513	4,783 2,434 43,977 7,500 31,464	43.6 45.1 30.9 13.5 46.8	926 545 7,573 1,087 7,515	1,159 553 6,033 -74 7,210	44.4 49.6 55.7 100.0 51.0	55.6 50.4 44.3 	262 198 3,164 320 1,359
Farmington (CAP) Glastonbury (CAP) Granby (CAP) Hartford (CAP) Hartland (LIH)	20,651 6,150 158,017	10,813 14,497 4,968 162,178 1,040	33.1 42.5 23.8 -2.6 25.3	1,367 2,032 845 19,879 138	2,210 4,122 337 24,040 125	38.2 33.0 71.5 52.5	61.8 67.0 28.5 	500 386 150 8,400 39
Manchester (CAP) Marlborough (CAP) New Britain (CLC) Newington (CAP) Plainville (CLC)	2,991 83,441 26,037	42,102 1,961 82,201 17,664 13,149	14.5 52.5 1.5 47.4 27.3	4,217 473 6,794 2,111 1,662	1,675 557 -5,554 6,262 1,922	71.6 45.9 100.0 25.2 46.4	28.4 54.1 74.8 53.6	1,739 131 6,046 1,901 1,743
Rocky Hill (CAP) Simsbury (CAP) Southington (CLC) South Windsor (CAP) Suffield (CAP) West Hartford (CAP) Wethersfield (CAP) Windsor (CAP) Windsor Locks (CAP)	17,475 30,946 P) 15,553 8,634 P) 68,031 26,662 22,502	7,404 10,138 22,797 9,460 6,779 62,382 20,561 19,467 11,411	50.1 72.4 35.7 64.4 27.4 9.1 29.7 15.6 32.2	840 1,642 3,662 2,343 722 942 1,194 1,635 2,086	2,859 5,605 4,487 3,750 1,133 4,707 4,907 1,400 1,583	22.7 22.4 44.9 38.5 39.0 16.7 19.6 53.9 56.9	77.3 77.6 55.1 61.5 61.0 63.3 90.4 46.1 43.1	810 511 855 535 200 3,150 1,075 760 1,530

APPENDIX TABLE 1: Population Data for Connecticut Towns, 1960-1970

				0	Source	o f	% of 60-		1970 Den
		1970 Population	1960 Population	Change 60-70	Increase Natural		Increase Natural Increase	Net igration	sity Per Square Mile
LITCHFIELD CO	шиту								
Total	70771	144,091	119,856	20.2	9,795	14,482	40.5	59.7	155.8
Barkhamstead	(LIH)	2,066	1,370	50.8	162	534	23.3	76.7	53
tethlehom	(CNV)	1,923	1,486	29.4	133	304	30.4	69.6	98
Bridgewater	(H)	1,277	898	42.2	37	342	9.8	90.2	76
Canaan	(NWC)	931	790 791	17.8	111	30	78.7	21.3	29
Colebrook	(LIH)	1,020	791	29.0	2	227	.9	99.1	32
Cornwall	(NWC)	1,177	1,051	12.0	1	125	. 3	19.2	25
Joshen	(LIH)	1,351	1,288	4.9	46	17	73.)	27.0	3.l
arwinton	(LIH)	4,318	3,344	29.1	419	555	43.0	57.0	141
Kent	(NWC)	1,990	1,686	18.0	4 5	259	14.8	85.2	4 ()
Litchfield	(LIH)	7,399	6,264	18.1	278	857	24.5	75.5	128
Morris	(LIH)	1,609	1,190	35.2	111	300	27.0	73.0	85
New Hartford	(LIH)	3,970	3,033	30.9	326	611	34.8	65.2	1.06
New Milford	(H)	14,601	8,318	75.5	1,303	4,980	20.7	79.3	225
Norfolk	(LIH)	2,073	1,827	13.5	94	152	38.2	61.8	4.4
North Canaan	(NWC)	3,045	2,836	7.4	- 7	216	~ 	100.0	151
Plymouth	(CLC)	10,321	8,981	14.9	1,011	329	75.4	24.6	465
koxbury	(NWC)	1,238	912	35 .7	18	308	5.5	94.5	4 6
Salisbury	(NWC)	3,573	3,309	8.0	-66	330		100.0	59
Sharon	(NWC)		2,141	16.3	33	317	9.4	90.6	4 1
Thomaston	(CNV)	6,233	5,850	6.5	574	-191	100.0		511
forrington	(LIH)		30,045	6.3	1,966	- 59	100.0		834
Warren	(NWC)		600	37.8	17	210	7.5	92	30
Vashington	(NWC)		2,603	19.9	77	441	14.9	85.1	8.0
Watertown	(CNV)		14,837	25.4	1,804	1,969	47.8	52.2	422
Vinchester	(LIH)	11,100	10,496	5 . ß	879	-269	100.0		300
Woodhury	(CNV)	5,869	3,910	50.1	421	1,538	21.5	78.5	158

APPENDIX TABLE 1: Population Data for Connecticut Towns, 1960-1970

	1970 Population	1960 Population	% Change 60-70	Source Increase Natural		% of 60-7 Increase Natural Increase	Due to Net	1970 Den- sity Per Square Mile
MIDDLESEX COUNTY		00.045	20.2	10 5.5.5				
Total	115,018	38,865	29.2	10,535	15,618	42.2	57.8	308.6
Chester (CRE)	2,982	2,520	18.3	84	378	18.2	81.8	184
Clinton (CRE)	10,267	4,166	146.4	1,148	4,953	18.8	81.2	611
Cromwell (MID)	7,400	6,780	9.1	602	18	97.1	2.9	556
Deep River (CRE)	3,690	2,968	24.3	253	4 6 9	35.0	65.0	249
Durham (MID)	4,489	3,096	45.0	561	832	40.3	59.7	190
East Haddam (MID)	4,676	3,637	28.6	383	656	36.6	63.4	190
East Hampton (MII		5,403	31.0	744	931	44.4	55.6	192
Essex (CRE)	4,911	4,057	21.2	87	767	10.2	89.8	420
Haddam (MID)	4,934	3,466	42.4	402	1,066	27.4	72.6	109
Killingworth (CRI		1,098	121.8	154	1,183	11.5	88.5	68
Middlefield (MID)	4,132	3,255	26.9	492	385	56.1	43.9	313
Middletown (MID)	36,924	33,250	11.0	3,722	-48	100.0		821
Old Saybrook (CRI		5,274	60.6	676	2,518	21.2	78.8	476.
Portland (MID)		7,496	17.6	868	448	66.0	34.0	355
Westbrook (CRE)	3,820	2,399	59.2	359	1,062	25.3	74.7	236

APPENDIX TABLE $^1\colon$ Population Data for Connecticut Towns, 1960-1970

		1970 Population	1960 Population	% Change 60-70	Source Increase Natural		% of 60- Increase Natural Increase	Due to Net	1970 Den- sity Per Square n Mile
NEW HAVEN COL Total	YTYL	744,948	660,315	12.8	64,076	20,557	75.7	24.3	1,233.4
Ansonia Beacon Falls Bethany Branford Cheshire	(VAL) (CNV) (SCC) (SCC) (CNV)	3,546 3,857 20,444	19,819 2,886 2,384 16,610 13,383	6.8 22.9 61.8 23.1 42.4	1,778 440 367 1,977 1,696	-437 220 1,106 1,857 3,972	132.6 66.7 24.9 51.6 29.9	33.3 75.1 48.4 70.1	3,413 344 187 874 607
Derby East Haven Guilford Hamden Madison	(VAL) (SCC) (SCC) (SCC)	25,120 12,033 49,357	12,132 21,388 7,913 41,056 4,567	3.8 17.4 52.1 20.2 113.9	1,017 2,474 1,063 2,206 467	-550 1,258 3,057 6,095 4,734	100.0 66.3 25.8 26.6 9.0	33.7 74.2 73.4 91.0	2,291 2,026 260 1,491 262.
Meriden Middlebury Milford Naugatuck New Haven	(SCC) (CNV) (SCC) (CNV)	5,542 50,858	51,850 4,785 41,662 19,551 152,048	7.9 15.8 22.1 18.1 -9.4	5,305 274 5,061 1,982 13,705	~1,196 483 4,135 1,501 -28,046	100.0 36.2 55.0 56.3	63.8 45.0 43. 1	2,373 301 2,155 1,371 6,120
North Branfor North Haven Orange Oxford Prospect	rd (SC (SCC) (SCC) (CNV)	22,194 13,524 4,480	6,771 15,935 8,547 3,292 4,367	59.2 39.3 58.2 36.1 49.8	1,442 1,471 695 380 786	2,565 4,788 4,282 808 1,390	36.0 23.5 14.0 32.0 36.1	64.0 76.5 86.0 68.0 63.9	385 1,062 768 137 442
Seymour Southbury Wallingford Waterbury West Haven	(VAL) (CNV) (SCC) (CNV) (SCC)	7,852 35,714 108,033	10,100 5,186 29,920 107,130 43,002	26.5 51.4 19.4 0.8 22.9	1,023 348 3,679 8,107 4,476	1,653 2,318 2,115 -7,204 5,373	38.2 13.1 63.5 100.0 45.4	71.8 86.9 36.5	869 193 852 3,831 4,719
Wolcott Woodbridge	(CNV)		8,889 5,182	40.6 48.1	1,538 319	2,068 2,172	42.7 12.8	57.3 87.2	671 391

APPENDIX TABLE 1: Population Data for Connecticut Towns, 1960-1970

	1970 Populati		1960 Population	% Source of Change Increase 60-70 lation 60-70 Natural Net Migration			% of 60-70 Increase Due to Natural Net Increase Migrati		1970 Den- sity Per Square	
		roparación	торатастоп	00 70	Naturai	Net Migration	Increase	Migracio	Mile Mile	
NEW LONDON Total	COUNTY	230,654	185,745	24.0	29,507	15,402	66.2	33.8	345.3	
Bozrah	(SEC)	2,036	1,590	28.1	206	240	46.2	53.8	101	
Colchester	(SEC)	6,603	4,648	42.1	787	1,168	40.3	59.7	136	
East Lyme	(SEC)	11,399	6,782	68.1	1,463	3,154	31.7	68.3	319	
Franklin	(SEC)	1,356	974	39.2	112	270	29.3	70.7	69	
Griswold	(SEC)		6,472	19.9	881	410	68.2	31.8	210	
Groton	(SEC)	38,244	29,937	27.5	7,927	380	99.5	4.6	1,073	
Lebanon	(MIM)	3,804	2,434	56.3	414	956	30.2	69.8	68	
Ledyard	(SEC)	14,837	5,395	175.0	2,244	7,198	24.0	76.0	358	
Lisbon	(SEC)	2,808	2,019	39.1	318	471	40.3	59.7	167.	
Lyme	(CRE)	1,484	1,183	25.4	47	254	15.6	84.4	4 2	
Montville	(SEC)	15,662	7,759	101.9	2,324	5,579	29.4	70.6	348	
New London	(SEC)	31,630	34,182	-7.5	3,782	-6,334			5,102	
North Stoni	ngton (SEB 3,748	1,982	89.1	452	1,314	25.6	74.4	67	
Norwich	(SEC)	41,739	38,506	8.4	4,133	-90n	100.0		1,414	
Old Lyme	(CRE)	4,964	3,068	61.8	336	1,560	17.7	82.3	188	
Preston	(SEC)	3,593	4,992	-28.0	343	-1,742			114	
Salem	(SEC)	1,453	925	57.1	99	429	18.8	81.2	4 9	
Sprague	(SEC)	2,912	2,509	16.1	263	140	65.3	34.7	211	
Stonington	(SEC)	15,940	13,969	14.1	1,557	414	79.0	21.0	389	
Voluntown	(SEC)	1,452	1,028	41.2	182	242	43.0	57.0	36	
Waterford	(SEC)	17,227	15,391	11.9	1,637	199	96.6	3.4	455	

APPENDIX TABLE 1: Population Data for Connecticut Towns, 1960-1970

	1970 Population	1960 Population	% Change 60-70	Increase	60-70	Increase Natural	Due to Net	1970 Den- sity Per Square n Mile
JNTY	103,440	68,737	50.5	11,913	22,790	34.3	65.7	248.7
(CAP) (CAP) (WIN) (WIN) (CAP)	2,099 3,691 3,129 8,140 7,707	1,771 2,933 2,163 6,356 5,580	18.5 25.8 44.7 28.1 38.1	289 352 293 1,040 834	39 406 673 744 1,293	88.1 46.4 30.3 58.3 39.2	11.9 53.6 69.7 41.7 60.8	118 298 +163 235 256
(CAP) (WIN) (CAP)	3,815 19,994 6,893 8,680 7,857	1,819 14,638 3,702 7,476 2,950	109.7 36.6 86.2 16.1 166.3	1,710 438 831 1,055	1,502 3,646 2,753 373 3,852	24.7 31.9 13.7 79.0 21.5	75.3 68.1 86.3 31.0 78.5	+86 +555 +235 164 +128
(CAP) (WIN)	443 27,237 3,755	383 16,961 2,005	15.7 60.6 87.3	30 4,306 311	30 5,970 1,439	50.0 41.9 17.8	50.0 58.1 82.2	20 1,450 107
	(CAP) (CAP) (WIN) (WIN) (CAP) (CAP) (CAP) (CAP) (CAP)	Population (CAP) 2,099 (CAP) 3,691 (WIN) 3,129 (WIN) 8,140 (CAP) 7,707 (CAP) 3,815 (WIN) 19,994 (CAP) 6,893 8,680 (CAP) 7,857 443 (CAP) 27,237	Population Population 103,440	1970 1960 Change Population 60-70 DNTY 103,440 68,737 50.5 (CAP) 2,099 1,771 18.5 (CAP) 3,691 2,933 25.8 (WIN) 3,129 2,163 44.7 (WIN) 8,140 6,356 28.1 (CAP) 7,707 5,580 38.1 (CAP) 3,815 1,819 109.7 (WIN) 19,994 14,638 36.6 (CAP) 6,893 3,702 86.2 8,680 7,476 16.1 (CAP) 7,857 2,950 166.3 (CAP) 443 383 15.7 (CAP) 27,237 16,961 60.6	1970 1960 Change Increase Population Population 60-70 Natural DNTY 103,440 68,737 50.5 11,913 (CAP) 2,099 1,771 18.5 289 (CAP) 3,691 2,933 25.8 352 (WIN) 3,129 2,163 44.7 293 (WIN) 8,140 6,356 28.1 1,040 (CAP) 7,707 5,580 38.1 834 (CAP) 3,815 1,819 109.7 494 (WIN) 19,994 14,638 36.6 1,710 (CAP) 6,893 3,702 86.2 438 (CAP) 6,893 3,702 86.2 438 (CAP) 7,857 2,950 166.3 1,055 (CAP) 7,857 2,950 166.3 1,055	1970	1970	1970

APPENDIX TABLE Population Data for Connecticut Towns, 1960-1970

		1970 Population	1960 Population	% Change 60-70	Source Increase Natural		% of 60-7 Increase Natural Increase	Due to	1970 Den- sity Per Square Mile
WIMPHAM COUNTY Total		84,515	68,572	23.3	6,836	9,107	42.9	57.1	164.4
Ashford Brooklyn Canterbury Chaplin Hastford	(WIN) (NEC) (NEC) (WIN) (NEC)	2,156 4,965 2,673 1,621 922	1,315 3,312 1,857 1,230 746	64.0 49.9 43.9 31.8 23.6	136 259 230 131 50	705 1,394 586 260 126	16.2 15.7 28.2 33.5 28.4	83.8 84.3 71.8 66.5 71.6	53 172 68 84 32
Hampton Killingly Plainfield Pomfret Putnam	(WIN) (NEC) (NEC) (NEC) (NEC)	1,129 13,573 11,957 2,529 8,598	934 11,298 8,884 2,136 8,412	20.9 20.1 34.6 18.4 2.2	69 1,233 1,235 150 417	126 1,042 1,838 243 -231	35.4 54.2 40.2 38.2 100.0	64.6 45.8 59.8 61.8	46 285 279 67 307
Scotland Sterling Thompson Windham Woodstock	(WIN) (NEC) (NEC) (WIN) (NEC)	1,022 1,853 7,580 19,626 4,311	684 1,397 6,217 16,973 3,177	49.4 32.6 21.9 15.6 35.7	94 130 584 1,873 245	244 326 779 780 889	27.8 28.5 42.8 70.6 21.6	72.2 71.5 57.2 29.4 78.4	54 68 163 703 71