STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

Office of Policy, Planning and Evaluation

John G. Rowland
Governor

Stephen A Harriman
Commissioner

ESTIMATED POPULATIONS IN CONNECTICUT AS OF JULY 1, 1997

Population estimates for 1997 for Connecticut's eight counties and 169 towns were prepared by the Connecticut Department of Public Health, Office of Policy, Planning, and Evaluation. The 1997 estimates are based on a new estimation method, described below [1]. These estimates will constitute the basis of birth, death, and other population-based rates for 1997.

Method of Estimation

Each town-level estimate represents the sum of four components: 1) the 1996 census population; 2) changes in group quarters; 3) the natural increase in population; and 4) estimated non-group-quarters net migration. Each of these components is described below.

1) The 1996 census population is simply the July 1, 1996 census estimate. This figure provides a July 1 base for the annual July 1 estimate series.

2) *Group quarters* refers to institutional residences or domiciles that house special segments of the population (e.g., nursing homes, colleges, and prisons). The estimated change in the institutional group quarters population is the difference between the population of constituent institutions as of July 1, 1997, and July 1, 1996, or, in the case of colleges, the difference between the 1997 and 1996 fall residential counts.

3) The *natural increase in population* is the number of births minus the number of deaths. Birth and death data are collected by the Vital Records Section of the Connecticut Department of Public Health. The annual natural change is calculated for the 12-month period preceding the estimate date. The 1997 population estimates use preliminary birth and death data from the first half of 1997 and final figures from the second half of 1996.

4) *Net migration* is the difference between migrants moving into a town and migrants leaving a town during the 12 months preceding July 1, 1997. The net migration is calculated differently for four age cohorts, 0-4, 5-14, 15-54 and 55+ years. Net migration estimates for ages 0-4 and 55+ are based on historical net migration patterns between 1980 and 1990 for each town and age cohort. The net migration for ages 5-14 is calculated from changes in public and private school enrollment among children in grades K-8, adjusted for aging. The 1997 estimates use enrollment figures from October 1, 1996 and October 1, 1997. The net migration for non-group quarters population ages 15-54 is calculated as shown below (a/b = c/d). The *net migration ratio* (a/b) of non-school-age population (ages 15-54) to school-age population (ages 5-14) is calculated from the ratio of their 1996 populations (c/d). The latter is called the *town dependency ratio.*

$$\frac{\text{(a) Net Migration Ages 15-54}}{\text{(b) Net Migration Ages 5-14}} = \frac{\text{(c) Population Ages 15-54}}{\text{(d) Population Ages 5-14}}$$

1996 - 1997 Net Migration Ratio: **1996 Town Dependency Ratio:**

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The age-distributions discussed above are refined further at the town-level to provide estimates in five-year age intervals. After the town total net migration figures for ages 0-4 and 15+ have been calculated, these figures are distributed across the remaining age-sex groups in the same proportions as those in the age-sex distribution for 1996.

Finally, the calculated figures are modified to conform to estimates provided by the U.S. Bureau of the Census. Census population estimates are used as constraints on town populations estimates. This ensures that the town estimates sum to census estimates for counties and the state. Two sets of figures are used as constraints, county-level age estimates[2] and minor civil division estimates from the preceding year.[3]

Population Estimates

The 1997 population estimate for the State of Connecticut compared to the 1990 U.S. Census population count is shown below. Population estimates for Connecticut's counties and towns are given in the attached table.

Estimated Population of Connecticut as of July 1, 1997

Estimated Population	Change in Population, 1990-1997[4]	
	Number	Percent
3,269,858	-17,258	-0.5%

For further information please contact:

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Notes:

(1) The new methodology provides more detailed estimates than were available previously. This publication is limited to estimates of total population for the state, counties, and towns; however, detailed estimates by age and sex for individual counties and towns will be available on request by the end of the year.

(2) *Estimates of the Population of Counties for July 1, 1997, and Population Change: April 1, 1990 to July 1, 1997.* Population Estimates Program, Population Division, U.S. Bureau of the Census, Washington, DC 20233. Internet release date March 17, 1998. http://www.census.gov/population/estimates/county/co-97-1/97C1_09.txt. (Contact: Statistical Information Staff, Population Division, U.S. Bureau of the Census 301-457-2422.)

(3) *Estimates of the Population of States, Counties, Places, and Minor Civil Divisions: Annual Time Series, July 1, 1991 to July 1, 1996* (includes revised April 1, 1990 census population counts). SU-96-9. Population Estimates Program, Population Division, U.S. Bureau of the Census, Washington, DC 20233, Public release date November, 1997. (Contact: Statistical Information Staff, Population Division, U.S. Bureau of the Census 301-457-2422.)

(4) The April 1, 1990 U.S. Census figure of 3,287,116 was used for comparison.

CONNECTICUT POPULATION ESTIMATES AS OF JULY 1, 1997
BY COUNTY AND TOWN
(State Total = 3,269,858)

County	Est. Pop.	County	Est. Pop.
Fairfield	833,315	New Haven	792,200
Hartford	825,141	New London	252,958
Litchfield	181,082	Tolland	131,023
Middlesex	149,010	Windham	105,129

Town	Est. Pop.	Town	Est. Pop	Town	Est. Pop.	Town	Est. Pop.
Andover	2,740	East Hampton	10,994	Monroe	17,982	Sherman	2,943
Ansonia	17,807	East Hartford	47,700	Montville	17,139	Simsbury	21,610
Ashford	3,921	East Haven	26,563	Morris	2,111	Somers	9,414
Avon	13,725	East Lyme	16,170	Naugatuck	30,226	Southbury	16,320
Barkhamsted	3,512	East Windsor	9,892	Newington	28,156	Southington	38,091
Beacon Falls	5,135	Ellington	11,588	Newtown	22,504	South Windsor	22,325
Berlin	17,061	Enfield	43,136	New Britain	70,948	Sprague	2,980
Bethany	4,730	Essex	6,133	New Canaan	17,921	Stafford	11,567
Bethel	17,757	Fairfield	53,491	New Fairfield	13,370	Stamford	109,997
Bethlehem	3,260	Farmington	20,775	New Hartford	6,083	Sterling	2,757
Bloomfield	19,004	Franklin	1,818	New Haven	124,269	Stonington	16,953
Bolton	4,698	Glastonbury	28,275	New London	25,263	Stratford	49,068
Bozrah	2,356	Goshen	2,439	New Milford	25,343	Suffield	11,128
Branford	27,235	Granby	9,399	Norfolk	2,047	Thomaston	7,304
Bridgeport	137,923	Greenwich	58,343	North Branford	13,717	Thompson	9,019
Bridgewater	1,739	Griswold	10,674	North Canaan	3,472	Tolland	12,063
Bristol	59,152	Groton	42,922	North Haven	22,020	Torrington	34,668
Brookfield	14,475	Guilford	19,923	North Stonington	4,987	Trumbull	33,274
Brooklyn	6,940	Haddam	7,153	Norwalk	77,937	Union	662
Burlington	7,622	Hamden	53,165	Norwich	36,190	Vernon	29,580
Canaan	1,059	Hampton	1,600	Old Lyme	6,569	Voluntown	2,248
Canterbury	4,636	Hartford	132,036	Old Saybrook	9,730	Wallingford	40,671
Canton	8,038	Hartland	1,920	Orange	12,440	Warren	1,293
Chaplin	2,212	Harwinton	5,353	Oxford	9,019	Washington	4,045
Cheshire	25,986	Hebron	7,789	Plainfield	14,554	Waterbury	106,082
Chester	3,799	Kent	3,064	Plainville	16,779	Waterford	18,128
Clinton	13,096	Killingly	16,127	Plymouth	12,069	Watertown	21,556
Colchester	12,732	Killingworth	5,449	Pomfret	3,344	Westbrook	5,554
Colebrook	1,423	Lebanon	6,392	Portland	8,823	Weston	8,778
Columbia	4,793	Ledyard	14,839	Preston	5,116	Westport	24,172
Cornwall	1,491	Lisbon	3,912	Prospect	8,111	West Hartford	56,349
Coventry	10,907	Litchfield	8,627	Putnam	8,971	West Haven	51,996
Cromwell	12,521	Lyme	2,013	Redding	8,067	Wethersfield	24,985
Danbury	65,470	Madison	15,956	Ridgefield	21,666	Willington	6,153
Darien	18,125	Manchester	51,259	Rocky Hill	16,377	Wilton	16,320
Deep River	4,455	Mansfield	19,069	Roxbury	1,982	Winchester	11,488
Derby	11,923	Marlborough	5,623	Salem	3,557	Windham	21,703
Durham	6,382	Meriden	57,009	Salisbury	4,131	Windsor	27,446
Eastford	1,425	Middlebury	6,001	Scotland	1,397	Windsor Locks	11,979
Easton	6,573	Middlefield	4,076	Seymour	14,150	Wolcott	14,099
East Granby	4,351	Middletown	43,498	Sharon	2,979	Woodbridge	8,028
East Haddam	7,347	Milford	49,619	Shelton	37,159	Woodbury	8,544
						Woodstock	6,523