



U.S. Department of Commerce
BUREAU OF THE CENSUS

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Population Estimates and Projections

Estimates of the Population of Massachusetts Counties and Metropolitan Areas: July 1, 1975 (Revised) and 1976 (Provisional)

This report presents the results of the State census conducted by the Commonwealth of Massachusetts on March 1, 1975, adjusted for time differentials to July 1, 1975, and contains provisional estimates of the July 1, 1976, population. The figures presented in this report are for counties only, with comparable figures for Massachusetts cities and towns published in a later **Current Population Report**.

The population definition employed by the Commonwealth of Massachusetts in conducting the 1975 State census is basically the same as the resident population definition used by the Bureau of the Census in decennial and special censuses, with the exception of the treatment of special populations such as inmates of institutions, college students, and Armed Forces personnel. For these special populations, unique identification was used for enumeration purposes which allowed for the reconstruction of the census results into a resident population definition matching that used by the Bureau of the Census.

Estimates for 1976 were prepared through the use of Component Method II. This method employs vital statistics to measure natural increase (births minus deaths) and relies upon school enrollment to derive net migration. All counties were subsequently adjusted to agree with the provisional July 1, 1976, State estimate published in **Current Population Reports**, Series P-25, No. 642.

County estimates for July 1, 1971, 1972, 1973, 1974, and provisional estimates for July 1, 1975,

were published earlier in **Current Population Reports**, Series, P-26, Nos. 42, 91, 137, and P-25, No. 633. Estimates for 1971 through 1974 were prepared jointly by the Bureau of the Census and the Massachusetts Office of Commerce and Development under the auspices of the Federal-State Cooperative Program for Local Population Estimates. The provisional estimates presented in the last report are superseded by the numbers published here.

Although the figures for 1975 shown in this report are a result of the State census, they are being presented here in lieu of estimates using standard estimating techniques.

Table 2 of this report presents figures for New England County Metropolitan Areas (NECMA's) which are geographically situated in whole or in part in the State of Massachusetts. The titles and definitions of the NECMA's are those currently defined by the Office of Management and Budget, Executive Office of the President. Where a NECMA falls in more than one State (indicated in the NECMA title), information on the other State parts of the area can be obtained by referring to the Series P-26 report for the other States.

Estimates for other States in the Program will be published as they become available. The appendix table shows reports published to date for States in the 1975-76 series, together with those published earlier in the decade.

The 1970 census population for the State and counties shown in the table reflect all corrections to the census count made subsequent to the release of the official State figure. Counties with corrections of 500 or more are Middlesex and Worcester.

The figures presented in the table have been rounded to the nearest hundred without being adjusted to the State total, which was independently rounded to the nearest thousand. Percentages are based on unrounded numbers. Births and deaths are based on reported vital statistics from April 1, 1970,

to December 31, 1975, with extrapolations through June 30, 1976. Net migration is the difference between net change and natural increase.

In addition to the county outline map published in all P-26 and P-25 reports for counties, the reports for July 1, 1975 and provisional July 1, 1976, include two computer-generated maps depicting population change and the rate of net migration. The maps are cross-hatched, the degree of which is in direct proportion to each area's percentage share of the change or migration.

Table 1. ESTIMATES OF THE POPULATION OF MASSACHUSETTS COUNTIES: JULY 1, 1975 AND 1976

(State estimates are shown to the nearest thousand, county estimates to the nearest hundred)

COUNTY	JULY 1, 1976 (PROVI- SIONAL)	JULY 1, 1975	APRIL 1, 1970 (CENSUS)	CHANGE, 1970 TO 1976		COMPONENTS OF CHANGE, 1970 TO 1976 ¹			
				NUMBER	PERCENT	BIRTHS	DEATHS	NET MIGRATION	
								NUMBER	PERCENT
MASSACHUSETTS.....	5,809,000	5,818,000	5,689,170	120,000	2.1	478,000	350,000	-8,000	-0.1
BARNSTABLE.....	135,900	129,600	96,656	39,300	40.6	8,700	8,600	39,100	40.5
BERKSHIRE.....	148,000	149,000	149,402	-1,400	-0.9	11,800	9,800	-3,400	-2.3
BRISTOL.....	464,100	463,800	444,301	19,800	4.5	40,400	28,800	8,200	1.8
DUKES.....	8,400	8,000	6,117	2,300	37.3	700	600	2,200	36.7
ESSEX.....	625,200	631,200	637,887	-12,700	-2.0	52,800	41,500	-24,000	-3.8
FRANKLIN.....	64,200	63,500	59,210	5,000	8.5	5,300	4,300	3,900	6.7
HAMPDEN.....	460,100	463,800	459,050	1,000	0.2	39,800	28,100	-10,700	-2.3
HAMPSHIRE.....	135,800	133,600	123,981	11,800	9.5	9,100	6,300	9,000	7.3
MIDDLESEX.....	1,397,100	1,399,000	1,398,397	-1,300	-0.1	113,600	75,900	-39,000	-2.8
NANTUCKET.....	5,900	5,700	3,774	2,100	55.0	500	400	2,000	52.4
NORFOLK.....	619,100	620,000	604,854	14,200	2.4	43,500	33,500	4,200	0.7
PLYMOUTH.....	383,700	379,800	333,314	50,400	15.1	35,100	19,300	34,600	10.4
SUFFOLK.....	713,600	722,800	735,190	-21,600	-2.9	61,700	52,900	-30,400	-4.1
WORCESTER.....	648,200	648,100	637,037	11,200	1.8	55,200	40,000	-4,100	-0.6

¹BIRTHS AND DEATHS ARE BASED ON REPORTED VITAL STATISTICS FROM APRIL 1, 1970 TO DECEMBER 31, 1975, WITH EXTRAPOLATIONS TO JUNE 30, 1976. NET MIGRATION IS THE DIFFERENCE BETWEEN NET CHANGE AND NATURAL INCREASE.

Table 2. ESTIMATES OF THE POPULATION OF METROPOLITAN AREAS AND THEIR COMPONENT COUNTIES: MASSACHUSETTS, JULY 1, 1975 AND 1976

(SMSA totals rounded independently of county numbers)

NEW ENGLAND COUNTY METROPOLITAN AREA AND COUNTY	JULY 1, 1976 (PROVI- SIONAL)	JULY 1, 1975	APRIL 1, 1970 (CENSUS)	CHANGE, 1970 TO 1976		COMPONENTS OF CHANGE, 1970 TO 1976 ¹			
				NUMBER	PERCENT	BIRTHS	DEATHS	NET MIGRATION	
								NUMBER	PERCENT
BOSTON-LOWELL-BROCKTON-LAWRENCE- HAVERHILL, MASS.-N.H. (MASS. PORTION) ²	3,738,600	3,752,700	3,709,642	29,000	0.8	306,700	223,200	-54,500	-1.5
ESSEX.....	625,200	631,200	637,887	-12,700	-2.0	52,800	41,500	-24,000	-3.8
MIDDLESEX.....	1,397,100	1,399,000	1,398,397	-1,300	-0.1	113,600	75,900	-39,000	-2.8
NORFOLK.....	619,100	620,000	604,854	14,200	2.4	43,500	33,500	4,200	0.7
PLYMOUTH.....	383,700	379,800	333,314	50,400	15.1	35,100	19,300	34,600	10.4
SUFFOLK.....	713,600	722,800	735,190	-21,600	-2.9	61,700	52,900	-30,400	-4.1
NEW BEDFORD-FALL RIVER, MASS. ³	464,100	463,800	444,301	19,800	4.5	40,400	28,800	8,200	1.8
BRISTOL.....	464,100	463,800	444,301	19,800	4.5	40,400	28,800	8,200	1.8
PITTSFIELD MASS. ⁴	148,000	149,000	149,402	-1,400	-0.9	11,800	9,800	-3,400	-2.3
BERKSHIRE.....	148,000	149,000	149,402	-1,400	-0.9	11,800	9,800	-3,400	-2.3
SPRINGFIELD-CHICOPEE- HOLYOKE, MASS. ⁵	595,800	597,400	583,031	12,800	2.2	48,900	34,400	-1,700	-0.3
HAMPDEN.....	460,100	463,800	459,050	1,000	0.2	39,800	28,100	-10,700	-2.3
HAMPSHIRE.....	135,800	133,600	123,981	11,800	9.5	9,100	6,300	9,000	7.3
WORCESTER-FITCHBURG- LEOMINSTER, MASS. ⁶	648,200	648,100	637,037	11,200	1.8	55,200	40,000	-4,100	-0.6
WORCESTER.....	648,200	648,100	637,037	11,200	1.8	55,200	40,000	-4,100	-0.6
METROPOLITAN.....	5,594,800	5,611,000	5,523,413	71,300	1.3	463,000	336,200	-55,500	-1.0
NONMETROPOLITAN.....	214,400	206,900	165,757	48,600	29.3	15,200	13,800	47,300	28.5

¹BIRTHS AND DEATHS ARE BASED ON REPORTED VITAL STATISTICS FROM APRIL 1, 1970 TO DECEMBER 31, 1975, WITH EXTRAPOLATIONS TO JUNE 30, 1976. NET MIGRATION IS THE DIFFERENCE BETWEEN NET CHANGE AND NATURAL INCREASE.

²NEW ENGLAND COUNTY METROPOLITAN AREA. THE POPULATION OF THE BOSTON SMSA IN 1970 WAS 2,899,101; FOR THE LOWELL, MASS.-N.H. SMSA (MASS. PORTION) IT WAS 212,860; FOR THE BROCKTON SMSA IT WAS 150,416; AND FOR THE LAWRENCE-HAVERHILL, MASS.-N.H. SMSA (MASS. PORTION) IT WAS 221,208.

³NEW ENGLAND COUNTY METROPOLITAN AREA. THE POPULATION OF THE FALL RIVER, MASS.-R.I. SMSA (MASS. PORTION) IN 1970 WAS 142,084; AND FOR THE NEW BEDFORD SMSA IT WAS 161,288.

⁴NEW ENGLAND COUNTY METROPOLITAN AREA. THE POPULATION OF THE PITTSFIELD SMSA IN 1970 WAS 96,817.

⁵NEW ENGLAND COUNTY METROPOLITAN AREA. THE POPULATION OF THE SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN. SMSA (MASS. PORTION) IN 1970 WAS 534,859.

⁶NEW ENGLAND COUNTY METROPOLITAN AREA. THE POPULATION OF THE WORCESTER SMSA IN 1970 WAS 372,144; AND FOR THE FITCHBURG-LEOMINSTER SMSA IT WAS 97,164.

APPENDIX

ESTIMATES PUBLISHED IN SERIES P-26 REPORTS SINCE 1970

(Reports issued under the Federal-State Cooperative Program for Population Estimates, jointly prepared by the Bureau of the Census and designated State agencies)

State	Report No.*			State	Report No.*		
	1975 and provisional 1976	1974 and provisional 1975	1973 and provisional 1974		1975 and provisional 1976	1974 and provisional 1975	1973 and provisional 1974
Ala.....	76-1	75-1	125	Mont.....	76-26	75-26	109
Alaska.....	(¹)	(²)	(³)	Nebr.....	76-27	75-27	104
Ariz.....	76-3	75-3	94	Nev.....	76-28	75-28	117
Ark.....	76-4	75-4	115	N. H.....	76-29	75-29	107
Calif.....	76-5	75-5	119	N. J.....	76-30	75-30	135
Colo.....	76-6	75-6	103	N. Mex.....	76-31	75-31	123
Conn.....	76-7	75-7	116	N. Y.....	76-32	(²)	(³)
Del.....	76-8	75-8	111	N. C.....	76-33	75-33	114
Fla.....	76-9	75-9	130	N. Dak.....	76-34	75-34	102
Ga.....		75-10	124	Ohio.....	76-35	75-35	122
Hawaii.....	76-11	75-11	105	Okla.....	76-36	75-36	112
Idaho.....	76-12	75-12	106	Oreg.....		75-37	(³)
Ill.....	76-13	75-13	128	Pa.....	76-38	75-38	136
Ind.....	76-14	75-14	113	R. I.....	76-39	75-39	98
Iowa.....	76-15	75-15	138	S. C.....	76-40	75-40	108
Kans.....	76-16	75-16	129	S. Dak.....	76-41	75-41	101
Ky.....	76-17	75-17	120	Tenn.....	76-42	75-42	133
La.....	76-18	75-18	97	Tex.....		(²)	(³)
Maine.....	76-19	75-19	99	Utah.....	76-44	75-44	96
Md.....	76-20	(²)	(³)	Vt.....	76-45	75-45	95
Mass.....	(¹)	(²)	137	Va.....	76-46	75-46	127
Mich.....	76-22	75-22	110	Wash.....	(¹)	(²)	(³)
Minn.....	76-23	75-23	132	W. Va.....	76-48	75-48	121
Miss.....	76-24	75-24	131	Wis.....	76-49	75-49	126
Mo.....	76-25	75-25	134	Wyo.....	76-50	75-50	100

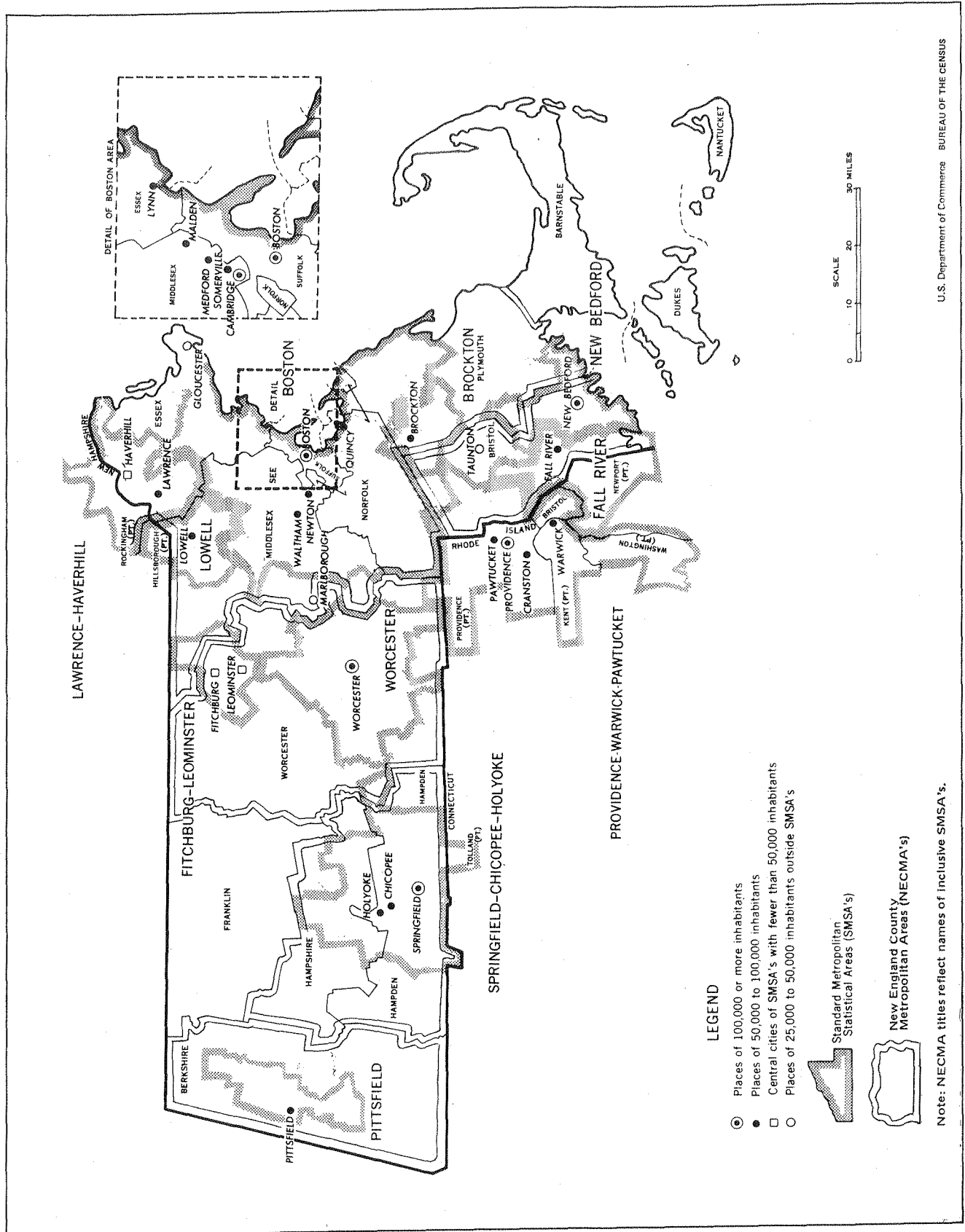
*County estimates for all States for 1971 and provisional 1972 are published in Series P-25, No. 517. County estimates for all States for 1972 and provisional 1973 are published in Series P-26, Nos. 49-93 and Series P-25, Nos. 527, 530, 531, 532, and 535.

¹County or county equivalent estimates for 1975 and provisional 1976 are published in Series P-25 for the following States: Washington, No. 707; Alaska, No. 712, and Massachusetts, No. 715.

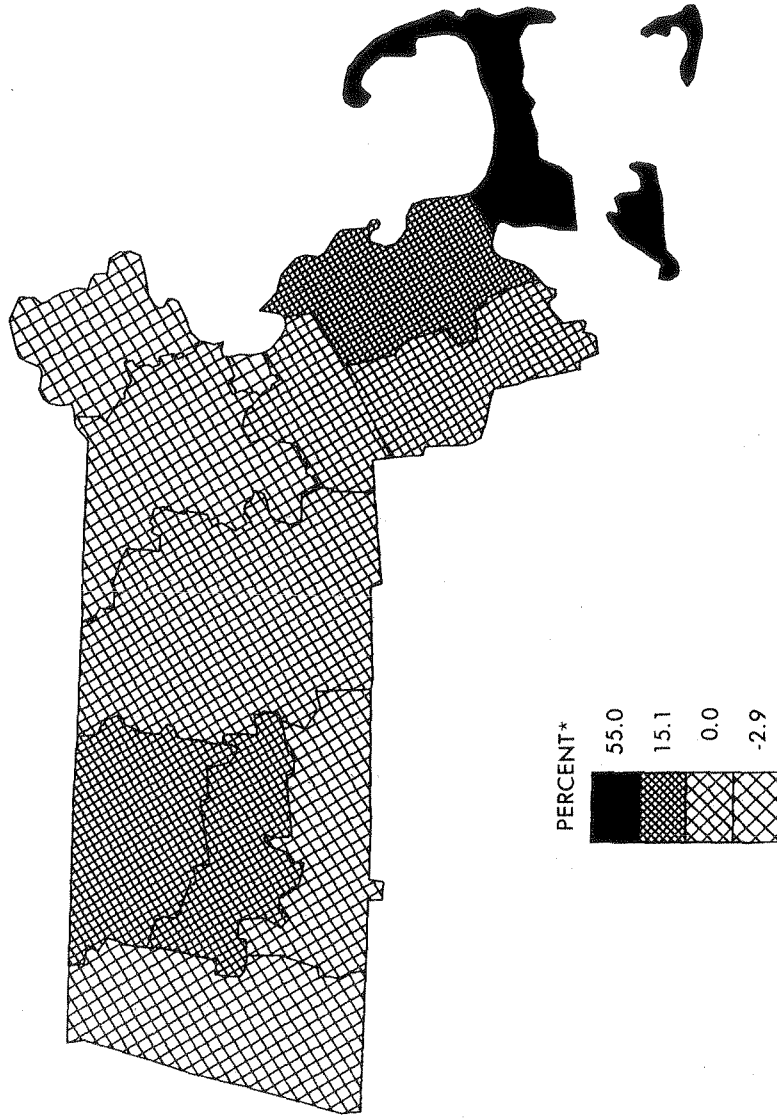
²County or county equivalent for 1974 and provisional 1975 are published in Series P-25 for the following States: Washington, No. 624; Maryland, No. 629; New York, No. 631; Massachusetts, No. 633; Texas, No. 637; and Alaska, No. 638.

³County or county equivalent estimates for 1973 and provisional 1974 are published in Series P-25 for the following States: Maryland, No. 596; Washington, No. 597; New York, No. 599; Oregon, No. 602; Alaska, No. 604; and Texas, No. 609.

COUNTIES, METROPOLITAN AREAS, AND SELECTED PLACES: MASSACHUSETTS

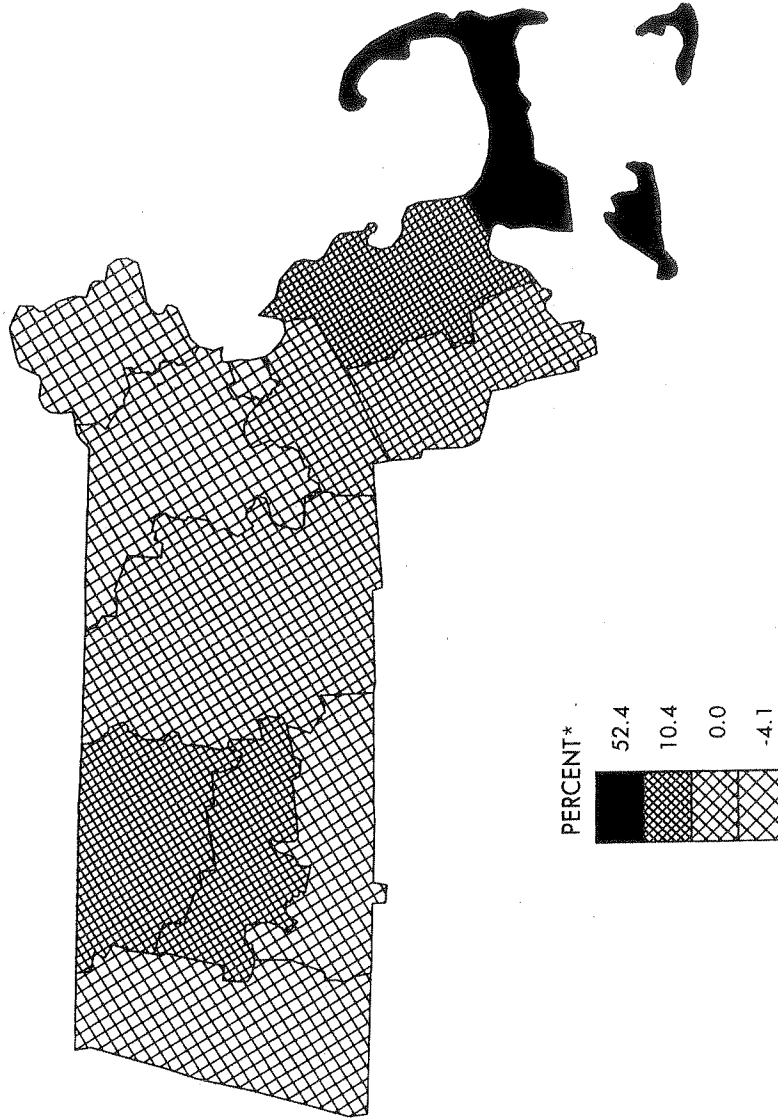


PERCENT CHANGE IN POPULATION OF MASSACHUSETTS COUNTIES
1970 — 1976



*Legend depicts patterns associated with specific values. Other map pattern values may be derived by interpolating between those shown in the legend.

PERCENT NET MIGRATION FOR MASSACHUSETTS COUNTIES
1970 — 1976



*Legend depicts patterns associated with specific values. Other map pattern values may be derived by interpolating between those shown in the legend.