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Local Population Estimates

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Estimates of the Population of Indiana Counties and Metropolitan Areas: July 1, 1981, 1982, and 1983

This report presents total population estimates for July 1981, 1982, and 1983, for counties and metropolitan areas prepared through the Federal-State Cooperative Program for Local Population Estimates. The objective of this program is the development and publication of yearly population estimates for counties using uniform procedures standardized for data input and methodology. The estimates shown here were prepared jointly by the Bureau of the Census and the Division of Public Health Statistics, Indiana State Board of Health. This agency was designated by the Governor to work with the Bureau of the Census in implementing and carrying out the objectives of the Federal-State Cooperative Program for Local Population Estimates.

Annual county population estimates were published for the 1970's in Current Population Reports, Series P-25 or P-26. This report contains updates since the 1980 census for these areas. The estimates contained in this report supersede any estimates published earlier.

The methods used to prepare the estimates were selected jointly by the individual States and the Bureau of the Census. The methods were tested against the 1980 census, and based on these test results the most appropriate methods were selected specifically for each individual State. Therefore, the number of methods used may vary from State to State. For most States the best estimates were obtained from an average of the Ratio-Correlation method and the Administrative Records method estimates. In a few States, Component Method II estimates are averaged with those estimates provided by one or both of the other methods on the basis of the evaluations against the 1980 census. For a more detailed description of the overall estimates program, see Current Population Reports, Series P-26, No. 21. An analysis of the 1980 test results will be published soon in Current Population Reports, Series P-26.

The county estimates are based on the following methods:

1. **The Regression (Ratio-Correlation) method.** In the Regression method, a multiple-regression equation is used to relate changes in the distribution of a number of different data series to changes in the distribution of population among counties. For both the development of the regression equation and the computation of the population estimates, the data for all variables are transformed by calculating ratios of percentage shares in the later year to corresponding percentage shares in the earlier year. These transformations cause the resulting coefficients in the prediction equation to add approximately to 1.0. The series of data used in the Regression method for Indiana are resident births (X_1), resident deaths (X_2), automobile registrations (X_3), school enrollment in grades 1 through 8 (X_4), Federal income tax returns (X_5), and Medicare enrollees (X_6). The regression equation for Indiana is given by

$$\hat{Y} = -0.008 + 0.176(X_1) + 0.152(X_2) + 0.303(X_3) + 0.229(X_4) + 0.218(X_5) - 0.057(X_6)$$

2. **The Administrative Records method.**[1] This is a component method that uses Federal tax data to measure the net intercounty migration of the nongroup quarters population under 65 years old, reported resident birth and death statistics to estimate net natural change, and data on Medicare enrollees to estimate the population 65 years old and over. Tax data are used in the base year and the estimate year to determine the number of persons whose county or residence changed during the period. A net migration rate based on exemptions claimed by the matched cases is applied to the nongroup quarters population under 65 years old. These estimates of migration are then combined with the independent estimates of the population 65 years old and over, inmates of institutions, college students in dormitories, military personnel living in barracks, and the other components of population

[1]For a detailed description of the method, see Current Population Reports, Series P-25, No. 699.

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change (births, deaths, immigration from abroad, and net movement between the military and civilian population) to yield an overall estimate of the total population.

The estimates shown in the tables of this report were developed by (1) using estimates produced by the regression method for counties identified in 1980 with less than 50,000 population, (2) using estimates produced by averaging estimates based on the above-cited independent methods for counties in 1980 with greater than 50,000 population, and (3) controlling these estimates to the corresponding State estimates.

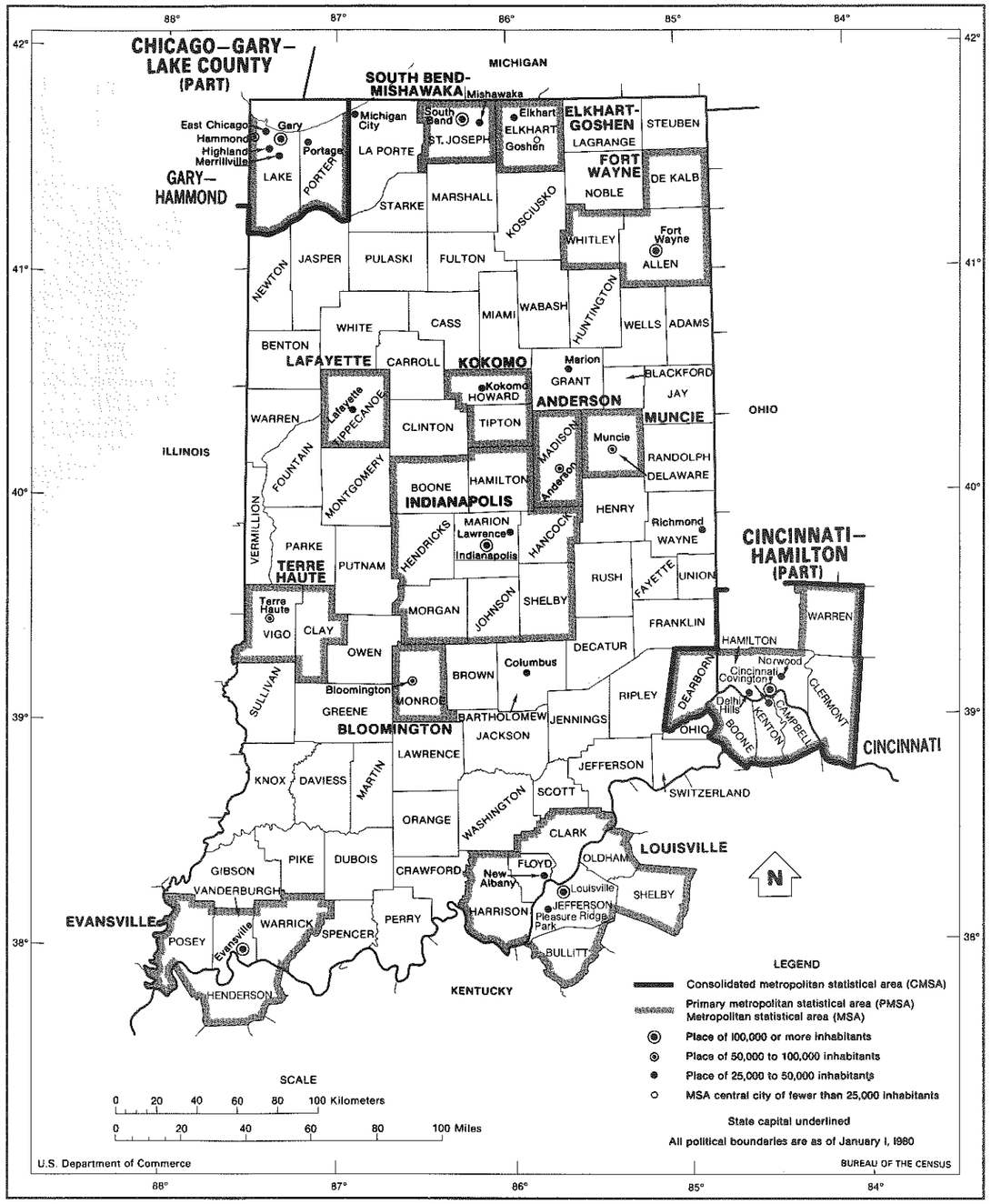
Table 1 presents estimates of the population of all counties. Components of change are from April 1, 1980, to July 1, 1983.

Table 2 presents estimates of the population of metropolitan areas and metropolitan counties in the State. The titles and definitions of the metropolitan statistical areas (MSA's), consolidated metropolitan statistical areas (CMSA's), and their primary metropolitan statistical areas (PMSA's) are those currently defined by the Executive Office of the President, Office of Management and Budget. Major changes in metropolitan definitions became effective on June 30, 1983, when MSA's replaced the former metropolitan statistical areas (SMSA's) as the official Federal metropolitan statistical unit. The definitions of the areas include additional changes made through June 1984. Where an MSA, CMSA, or PMSA extends into more than one State (indicated in the area title), information on the other State portions of the area can be obtained by referring to the Series P-26 report for that particular State.

The 1980 census populations for the State and counties shown in the tables reflect corrections to the census counts, if any, made subsequent to the release of the official State figure.

The estimates 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, 1980, to June 30, 1983. Net migration is the residual difference between net total change and net natural change.

INDIANA - Consolidated Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas, Metropolitan Statistical Areas, Counties, and Selected Places



CMSA, PMSA, and MSA boundaries are as defined on June 30, 1983

Table 1. Estimates of the Population of Indiana Counties: July 1, 1981, 1982, and 1983

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

County	July 1, 1983	July 1, 1982	July 1, 1981	April 1, 1980 (census)	Change, 1980-83		Components of change, 1980-83[1]			
									Net migration	
					Number	Percent	Births	Deaths	Number	Percent
Indiana	5,479,000	5,482,000	5,489,000	5,490,260	-11,000	-0.2	275,000	153,000	-133,000	-2.4
Adams	29,600	29,400	29,700	29,619	(Z)	-0.1	1,900	700	-1,200	-4.0
Allen	288,900	290,600	292,500	294,335	-5,400	-1.8	16,000	7,300	-14,200	-4.8
Bartholomew	64,500	64,700	64,500	65,088	-600	-0.9	2,900	1,600	-1,900	-2.9
Benton	10,100	10,100	10,000	10,218	-100	-1.4	500	300	-300	-3.3
Blackford	15,200	15,400	15,600	15,570	-400	-2.3	700	500	-500	-3.4
Boone	38,000	37,900	37,600	36,446	1,600	4.4	1,900	1,100	800	2.3
Brown	12,400	12,300	12,500	12,377	(Z)	0.4	500	300	-200	-1.4
Carroll	19,700	19,700	19,800	19,722	(Z)	-0.1	900	600	-400	-1.8
Cass	40,000	40,300	40,800	40,936	-900	-2.2	2,000	1,200	-1,600	-4.0
Clark	89,700	89,200	88,900	88,838	900	1.0	4,200	2,400	-1,000	-1.1
Clay	24,400	24,200	24,000	24,862	-400	-1.8	1,300	1,000	-800	-3.0
Clinton	32,000	31,800	31,800	31,545	400	1.3	1,600	1,200	100	0.2
Crawford	9,700	9,700	9,800	9,820	-200	-1.6	500	300	-300	-2.9
Daviess	29,200	28,700	28,200	27,836	1,300	4.8	1,500	1,000	800	2.9
Dearborn	35,900	35,000	34,800	34,291	1,600	4.8	1,700	1,000	900	2.7
Decatur	23,900	24,000	23,900	23,841	100	0.4	1,200	800	-300	-1.4
DeKalb	32,700	33,000	33,000	33,606	-900	-2.6	1,600	1,000	-1,600	-4.6
Delaware	124,300	125,600	127,300	128,587	-4,300	-3.3	5,300	3,400	-6,200	-4.8
Dubois	35,000	34,200	34,200	34,238	800	2.3	1,900	900	-300	-0.8
Elkhart	138,800	137,000	136,400	137,330	1,500	1.1	7,500	3,300	-2,700	-2.0
Fayette	28,000	27,800	27,900	28,272	-200	-0.8	1,300	800	-700	-2.5
Floyd	62,900	62,300	62,000	61,205	1,700	2.7	3,000	1,700	400	0.7
Fountain	19,000	19,000	19,100	19,033	(Z)	-0.1	900	600	-300	-1.7
Franklin	20,600	20,400	20,200	19,612	1,000	5.3	1,000	500	600	3.0
Fulton	19,000	19,300	19,300	19,335	-400	-1.8	1,000	600	-700	-3.5
Gibson	34,200	34,400	33,800	33,156	1,100	3.2	1,700	1,100	500	1.4
Grant	78,500	78,300	79,800	80,934	-2,500	-3.0	3,600	2,300	-3,800	-4.7
Greene	30,500	30,700	30,700	30,416	100	0.2	1,300	1,100	-100	-0.3
Hamilton	85,900	84,400	83,900	82,027	3,900	4.8	3,800	1,700	1,800	2.1
Hancock	44,000	43,800	43,900	43,939	100	0.2	2,000	1,000	-800	-1.9
Harrison	28,400	28,600	28,000	27,276	1,100	4.1	1,500	700	300	1.2
Hendricks	72,100	71,500	70,800	69,804	2,300	3.3	3,200	1,500	600	0.8
Henry	50,700	51,600	52,400	53,336	-2,600	-4.9	2,100	1,600	-3,100	-5.9
Howard	84,800	85,200	86,100	86,896	-2,100	-2.4	4,200	2,300	-4,000	-4.6
Huntington	34,000	34,200	34,900	35,596	-1,500	-4.3	1,800	1,200	-2,200	-6.1
Jackson	37,600	37,300	37,000	36,523	1,000	2.8	1,800	1,100	300	0.9
Jasper	26,600	26,800	26,700	26,138	500	1.9	1,400	700	-200	-0.8
Jay	21,900	22,400	23,000	23,239	-1,400	-5.8	1,100	700	-1,700	-7.4
Jefferson	30,900	30,500	30,600	30,419	500	1.7	1,400	900	(Z)	0.1
Jennings	22,600	22,700	22,900	22,854	-200	-1.0	1,000	600	-700	-2.9
Johnson	80,200	79,600	78,700	77,240	2,900	3.8	3,700	1,900	1,100	1.5
Knox	42,900	42,500	42,600	41,838	1,000	2.5	1,900	1,600	700	1.7
Kosciusko	60,300	59,800	59,700	59,555	700	1.2	3,500	1,500	-1,300	-2.2
Lagrange	26,900	26,000	25,700	25,550	1,400	5.4	1,800	600	100	0.3
Lake	506,200	513,600	518,700	522,965	-16,700	-3.2	29,200	14,000	-31,900	-6.1
Laporte	107,400	108,400	108,700	108,632	-1,200	-1.1	5,300	3,200	-3,300	-3.1
Lawrence	41,300	41,400	41,400	42,472	-1,200	-2.8	1,800	1,300	-1,700	-4.0
Madison	134,000	135,100	137,100	139,336	-5,400	-3.8	5,900	3,900	-7,400	-5.3
Marion	772,000	771,000	768,700	765,233	6,800	0.9	42,900	22,100	-14,000	-1.8
Marshall	40,000	39,700	39,400	39,155	800	2.2	2,100	1,200	(Z)	(Z)
Martin	10,800	10,900	11,100	11,001	-200	-2.0	600	300	-500	-4.3
Miami	37,500	37,800	38,500	39,820	-2,300	-5.8	2,200	1,000	-3,500	-8.7
Monroe	101,300	101,200	100,000	98,785	2,600	2.6	3,900	1,800	400	0.4
Montgomery	35,700	35,300	34,900	35,501	200	0.6	1,600	1,100	-300	-0.8
Morgan	52,900	52,600	52,500	51,999	900	1.8	2,500	1,300	-300	-0.6
Newton	14,800	15,100	15,000	14,844	(Z)	-0.3	800	500	-300	-2.3
Noble	35,400	35,300	35,000	35,443	(Z)	-0.1	1,900	1,000	-900	-2.7
Ohio	5,300	5,100	5,200	5,114	100	2.7	200	100	(Z)	0.7
Orange	18,800	18,600	19,000	18,677	100	0.7	900	600	-200	-0.8
Owen	16,300	15,900	15,800	15,841	400	2.7	700	400	200	1.0
Parke	16,800	16,700	16,600	16,372	400	2.4	700	600	300	1.6
Perry	19,200	19,100	19,400	19,346	-100	-0.7	1,000	600	-400	-2.3
Pike	13,200	13,400	13,200	13,465	-200	-1.6	600	500	-300	-2.2
Porter	123,800	123,000	121,100	119,816	3,900	3.3	6,300	2,400	(Z)	(Z)
Posey	26,700	26,900	26,300	26,414	200	0.9	1,400	700	-500	-1.8
Pulaski	13,400	13,200	13,300	13,258	100	0.9	700	400	-100	-1.0
Putnam	30,100	29,500	29,500	29,163	900	3.2	1,100	800	600	2.2
Randolph	28,400	29,000	29,400	29,997	-1,600	-5.2	1,300	900	-1,900	-6.3
Ripley	24,900	24,700	24,600	24,398	500	2.0	1,200	800	(Z)	0.1
Rush	18,900	19,000	19,400	19,604	-700	-3.5	900	700	-900	-4.4
St. Joseph	239,100	239,600	241,200	241,617	-2,500	-1.0	11,800	7,200	-7,100	-3.0
Scott	20,400	20,200	20,200	20,422	(Z)	-0.2	1,000	600	-400	-1.9
Shelby	40,200	39,900	40,000	39,887	300	0.8	1,800	1,100	-400	-0.9
Spencer	20,600	20,000	19,900	19,361	1,300	6.5	1,000	600	900	4.7
Starke	21,100	21,400	21,500	21,997	-900	-4.0	1,100	700	-1,300	-5.8
Steuben	24,500	24,600	24,500	24,694	-200	-0.6	1,100	700	-600	-2.3

See footnotes at end of table.

Table 1. Estimates of the Population of Indiana Counties: July 1, 1981, 1982, and 1983—Continued

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

County	July 1, 1983	July 1, 1982	July 1, 1981	April 1, 1980 (census)	Change, 1980-83		Components of change, 1980-83[1]			
									Net migration	
					Number	Percent	Births	Deaths	Number	Percent
Sullivan	20,900	20,900	21,300	21,107	-200	-0.9	900	900	-200	-0.9
Switzerland	7,500	7,400	7,200	7,153	300	4.3	300	300	200	3.1
Tippecanoe	124,200	124,000	122,400	121,702	2,500	2.0	5,600	2,500	-600	-0.5
Tipton	15,900	16,200	16,600	16,819	-1,000	-5.7	800	500	-1,300	-7.5
Union	6,800	6,800	6,900	6,860	-100	-1.0	300	200	-200	-2.8
Vanderburgh	167,700	167,300	167,500	167,515	100	0.1	8,200	5,600	-2,500	-1.5
Vermillion	18,000	18,000	18,000	18,229	-200	-1.3	700	700	-200	-1.3
Vigo	111,000	111,800	112,300	112,385	-1,400	-1.3	5,200	3,800	-2,800	-2.5
Wabash	35,200	35,400	35,900	36,640	-1,400	-3.9	1,800	1,100	-2,100	-5.8
Warren	9,000	9,100	9,100	8,976	100	0.7	400	300	(Z)	-0.3
Warrick	44,200	44,000	42,600	41,474	2,700	6.6	2,100	1,000	1,600	4.0
Washington	22,000	22,400	22,100	21,932	100	0.5	1,000	700	-300	-1.3
Wayne	74,000	74,900	75,400	76,058	-2,000	-2.6	3,500	2,400	-3,100	-4.1
Wells	25,100	25,100	25,000	25,401	-300	-1.3	1,300	600	-1,000	-4.0
White	23,700	24,000	23,800	23,867	-200	-0.8	1,200	800	-600	-2.4
Whitley	26,300	26,000	26,300	26,215	100	0.3	1,200	700	-400	-1.7

(Z) Less than 50 persons or 0.05 percent.

[1]Births and deaths are based on reported vital statistics from April 1, 1980, to June 30, 1983. Net migration is the difference between net change and natural change.

Table 2. Estimates of the Population of Metropolitan Statistical Areas and Their Component Counties: Indiana, July 1, 1981, 1982, and 1983

(MSA totals rounded independently of county numbers)

Metropolitan statistical area and county[1]	July 1, 1983	July 1, 1982	July 1, 1981	April 1, 1980 (census)	Change, 1980-83		Components of change, 1980-83[2]			
									Net migration	
					Number	Percent	Births	Deaths	Number	Percent
Anderson, IN MSA	134,000	135,100	137,100	139,336	-5,400	-3.8	5,900	3,900	-7,400	-5.3
Madison	134,000	135,100	137,100	139,336	-5,400	-3.8	5,900	3,900	-7,400	-5.3
Bloomington, IN MSA	101,300	101,200	100,000	98,785	2,600	2.6	3,900	1,800	400	0.4
Monroe	101,300	101,200	100,000	98,785	2,600	2.6	3,900	1,800	400	0.4
Chicago-Gary-Lake Co.; IL-IN-WI CMSA (IN portion)	630,000	636,600	639,800	642,781	-12,800	-2.0	35,500	16,400	-31,900	-5.0
Gary-Hammond, IN PMSA	630,000	636,600	639,800	642,781	-12,800	-2.0	35,500	16,400	-31,900	-5.0
Lake	506,200	513,600	518,700	522,965	-16,700	-3.2	29,200	14,000	-31,900	-6.1
Porter	123,800	123,000	121,100	119,816	3,900	3.3	6,300	2,400	(Z)	(Z)
Cincinnati-Hamilton, OH-KY-IN CMSA (IN portion)	35,900	35,000	34,800	34,291	1,600	4.8	1,700	1,000	900	2.7
Cincinnati, OH-KY-IN PMSA (IN portion)	35,900	35,000	34,800	34,291	1,600	4.8	1,700	1,000	900	2.7
Dearborn	35,900	35,000	34,800	34,291	1,600	4.8	1,700	1,000	900	2.7
Elkhart-Goshen, IN MSA	138,800	137,000	136,400	137,330	1,500	1.1	7,500	3,300	-2,700	-2.0
Elkhart	138,800	137,000	136,400	137,330	1,500	1.1	7,500	3,300	-2,700	-2.0
Evansville, IN-KY MSA (IN portion)	238,500	238,100	236,400	235,403	3,100	1.3	11,700	7,300	-1,300	-0.6
Posey	26,700	26,900	26,300	26,414	200	0.9	1,400	700	-500	-1.8
Vanderburgh	167,700	167,300	167,500	167,515	100	0.1	8,200	5,600	-2,500	-1.5
Warrick	44,200	44,000	42,600	41,474	2,700	6.6	2,100	1,000	1,600	4.0
Ft. Wayne, IN MSA	347,900	349,600	351,800	354,156	-6,200	-1.8	18,900	8,900	-16,200	-4.6
Allen	288,900	290,600	292,500	294,335	-5,400	-1.8	16,000	7,300	-14,200	-4.8
DeKalb	32,700	33,000	33,000	33,606	-900	-2.6	1,600	1,000	-1,600	-4.6
Whitley	26,300	26,000	26,300	26,215	100	0.3	1,200	700	-400	-1.7
Indianapolis, IN MSA	1,185,500	1,180,600	1,176,100	1,166,575	18,900	1.6	61,700	31,700	-11,200	-1.0
Boone	38,000	37,900	37,600	36,446	1,600	4.4	1,900	1,100	800	2.3
Hamilton	85,900	84,400	83,900	82,027	3,900	4.8	3,800	1,700	1,800	2.1
Hancock	44,000	43,800	43,900	43,939	100	0.2	2,000	1,000	-800	-1.9
Hendricks	72,100	71,500	70,800	69,804	2,300	3.3	3,200	1,500	600	0.8
Johnson	80,200	79,600	78,700	77,240	2,900	3.8	3,700	1,900	1,100	1.5
Marion	772,000	771,000	768,700	765,233	6,800	0.9	42,900	22,100	-14,000	-1.8
Morgan	52,900	52,600	52,500	51,999	900	1.8	2,500	1,300	-300	-0.6
Shelby	40,200	39,900	40,000	39,887	300	0.8	1,800	1,100	-400	-0.9

See footnotes at end of table.

Table 2. Estimates of the Population of Metropolitan Statistical Areas and Their Component Counties: Indiana, July 1, 1981, 1982, and 1983—Continued

(MSA totals rounded independently of county numbers)

Metropolitan statistical area and county[1]	July 1, 1983	July 1, 1982	July 1, 1981	April 1, 1980 (census)	Change, 1980-83		Components of change, 1980-83[2]			
									Net migration	
					Number	Percent	Births	Deaths	Number	Percent
Kokomo, IN MSA	100,600	101,400	102,700	103,715	-3,100	-3.0	5,000	2,700	-5,300	-5.1
Howard	84,800	85,200	86,100	86,896	-2,100	-2.4	4,200	2,300	-4,000	-4.6
Tipton	15,900	16,200	16,600	16,819	-1,000	-5.7	800	500	-1,300	-7.5
Lafayette, IN MSA	124,200	124,000	122,400	121,702	2,500	2.0	5,600	2,500	-600	-0.5
Tippecanoe	124,200	124,000	122,400	121,702	2,500	2.0	5,600	2,500	-600	-0.5
Louisville, KY-IN MSA (IN portion)	181,000	180,100	178,900	177,319	3,700	2.1	8,700	4,800	-200	-0.1
Clark	89,700	89,200	88,900	88,838	900	1.0	4,200	2,400	-1,000	-1.1
Floyd	62,900	62,300	62,000	61,205	1,700	2.7	3,000	1,700	400	0.7
Harrison	28,400	28,600	28,000	27,276	1,100	4.1	1,500	700	300	1.2
Muncie, IN MSA	124,300	125,600	127,300	128,587	-4,300	-3.3	5,300	3,400	-6,200	-4.8
Delaware	124,300	125,600	127,300	128,587	-4,300	-3.3	5,300	3,400	-6,200	-4.8
South Bend-Mishawaka, IN MSA	239,100	239,600	241,200	241,617	-2,500	-1.0	11,800	7,200	-7,100	-3.0
St. Joseph	239,100	239,600	241,200	241,617	-2,500	-1.0	11,800	7,200	-7,100	-3.0
Terre Haute, IN MSA	135,400	136,000	136,300	137,247	-1,900	-1.4	6,400	4,800	-3,500	-2.6
Clay	24,400	24,200	24,000	24,862	-400	-1.8	1,300	1,000	-800	-3.0
Vigo	111,000	111,800	112,300	112,385	-1,400	-1.3	5,200	3,800	-2,800	-2.5
Metropolitan	3,716,600	3,720,000	3,721,100	3,718,844	-2,200	-0.1	189,600	99,700	-92,200	-2.5
Nonmetropolitan	1,762,700	1,762,400	1,767,600	1,771,416	-8,700	-0.5	85,600	53,500	-40,800	-2.3

(Z) Less than 50 persons or 0.05 percent.

[1]May consist of consolidated MSA's (CMSA's) and their component primary MSA's (PMSA's).

[2]Births and deaths are based on reported vital statistics from April 1, 1980, to June 30, 1983. Net migration is the difference between net change and natural change.