

Estimates of Annual Rates ¹ of Components of Population Change for Iowa and its Counties: 2003-2004

Area	Rate of Population Change ²	July 1, 2003 to July 1, 2004					
		Natural Increase			Net Migration		
		Total	Births	Deaths	Total	International	Internal
Iowa	4.2	3.3	12.9	9.6	0.9	2.0	-1.1
Adair	-5.5	-4.7	9.4	14.1	-0.9	0.1	-1.0
Adams	-15.8	-0.5	12.4	12.9	-15.4	-0.2	-15.2
Allamakee	10.4	2.5	13.4	11.0	7.9	7.2	0.7
Appanoose	0.4	-2.6	11.5	14.0	2.9	0.4	2.6
Audubon	-0.5	-2.6	8.0	10.6	2.2	-0.2	2.3
Benton	13.3	0.5	10.7	10.2	13.0	0.1	12.8
Black Hawk	1.1	4.8	13.3	8.5	-3.6	3.4	-7.1
Boone	8.6	2.4	12.6	10.2	6.3	0.4	5.9
Bremer	1.1	1.7	10.2	8.4	-0.7	0.3	-1.0
Buchanan	7.6	3.3	15.0	11.7	4.3	0.0	4.3
Buena Vista	-4.9	0.7	12.4	11.7	-5.5	7.7	-13.2
Butler	1.3	-2.6	10.2	12.8	3.9	-0.1	3.9
Calhoun	-11.1	-4.2	8.3	12.5	-7.1	0.0	-7.1
Carroll	-6.9	-2.3	11.0	13.3	-4.6	0.3	-4.9
Cass	-6.4	-3.4	11.5	14.8	-3.2	0.1	-3.3
Cedar	0.1	0.4	9.3	8.9	-0.5	0.0	-0.5
Cerro Gordo	-5.7	-1.4	10.8	12.2	-4.3	0.5	-4.8
Cherokee	-5.4	-1.4	10.2	11.7	-4.0	-0.1	-3.9
Chickasaw	-5.2	-0.7	10.1	10.8	-4.4	0.8	-5.2
Clarke	0.9	-0.2	11.0	11.2	1.1	0.8	0.3
Clay	-6.4	-0.7	11.7	12.4	-5.8	0.9	-6.7
Clayton	-2.5	-1.3	10.7	12.0	-1.2	0.5	-1.7
Clinton	1.6	0.0	11.9	11.8	1.6	0.7	0.9
Crawford	1.7	3.4	13.5	10.1	-2.0	4.9	-6.9
Dallas	63.9	5.7	12.7	7.0	58.8	1.8	57.0
Davis	15.0	0.7	12.6	11.9	14.2	0.0	14.2
Decatur	-4.6	0.5	11.0	10.5	-4.9	2.6	-7.5
Delaware	-5.2	4.3	13.1	8.8	-9.6	-0.1	-9.5
Des Moines	-9.4	1.4	12.0	10.5	-10.7	0.6	-11.4
Dickinson	13.2	-1.1	10.0	11.1	14.4	0.2	14.2
Dubuque	5.5	4.3	13.1	8.8	1.1	1.4	-0.3
Emmet	-13.3	-2.0	12.6	14.5	-11.1	0.9	-12.1
Fayette	-12.7	-2.6	8.7	11.4	-10.1	0.6	-10.7
Floyd	-2.4	-0.9	11.4	12.3	-1.4	0.8	-2.2
Franklin	3.6	-2.0	10.7	12.7	5.6	4.4	1.2
Fremont	-11.4	-5.4	8.2	13.6	-5.9	0.6	-6.6
Greene	1.0	-1.4	11.1	12.4	2.3	0.4	1.9
Grundy	2.8	-1.8	10.0	11.8	4.4	0.0	4.4
Guthrie	9.4	-0.5	13.7	14.2	10.0	0.3	9.7
Hamilton	-2.6	0.6	10.8	10.2	-3.3	0.9	-4.2
Hancock	-6.4	-0.2	10.1	10.2	-6.3	0.8	-7.1
Hardin	-6.5	-1.5	10.7	12.1	-5.2	0.9	-6.0
Harrison	7.3	-0.6	11.9	12.5	7.7	0.3	7.4
Henry	-0.2	3.1	13.1	10.0	-3.4	0.4	-3.8
Howard	2.1	0.0	11.4	11.4	2.1	0.0	2.1
Humboldt	-6.0	-3.8	9.5	13.3	-2.2	1.1	-3.3
Ida	-11.9	-2.0	13.5	15.5	-9.9	-0.1	-9.8
Iowa	3.9	2.4	11.5	9.1	1.5	0.1	1.4
Jackson	1.1	-0.1	10.5	10.6	1.1	0.0	1.1
Jasper	-0.2	2.4	12.5	10.0	-2.7	0.8	-3.5
Jefferson	1.8	-2.2	9.0	11.2	3.9	2.2	1.7
Johnson	10.7	7.7	12.6	4.9	2.8	4.9	-2.1
Jones	13.0	3.3	11.1	7.8	9.7	0.1	9.6
Keokuk	-6.7	2.7	14.0	11.3	-9.2	0.1	-9.3
Kossuth	-4.5	-0.7	10.0	10.7	-3.9	0.1	-4.0
Lee	-0.2	1.8	12.0	10.2	-2.0	0.5	-2.5

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		Total	Births	Deaths	Total	International	Internal
Linn	6.4	5.9	14.0	8.1	0.4	1.6	-1.1
Louisa	-10.2	8.0	16.2	8.1	-18.0	2.7	-20.7
Lucas	20.1	0.3	10.4	10.1	19.8	-0.1	20.0
Lyon	2.3	1.1	13.6	12.5	1.1	0.3	0.8
Madison	23.9	4.5	14.3	9.9	19.4	0.0	19.4
Mahaska	3.9	1.8	11.2	9.4	2.0	1.0	1.0
Marion	6.4	4.4	13.9	9.4	1.9	0.3	1.7
Marshall	6.5	3.0	14.8	11.8	3.3	3.6	-0.3
Mills	10.6	3.1	10.7	7.6	7.5	0.3	7.2
Mitchell	9.3	-1.9	12.1	14.0	11.2	-0.1	11.3
Monona	-8.0	-3.4	12.7	16.1	-4.5	-0.1	-4.4
Monroe	0.5	-1.1	10.8	12.0	1.5	-0.1	1.7
Montgomery	5.2	-4.5	12.1	16.6	9.6	0.6	9.0
Muscatine	9.9	7.0	15.7	8.7	2.8	1.9	0.9
O'Brien	-17.0	-2.5	10.3	12.8	-14.6	0.6	-15.2
Osceola	-1.8	-0.7	11.5	12.2	-1.2	0.6	-1.8
Page	-7.1	-1.4	11.9	13.3	-5.8	0.3	-6.1
Palo Alto	3.8	-1.2	10.6	11.8	5.0	0.5	4.5
Plymouth	6.4	2.0	12.0	10.0	4.4	0.7	3.7
Pocahontas	-18.4	-6.0	8.3	14.3	-12.3	0.6	-12.9
Polk	11.1	8.5	15.9	7.4	2.5	3.9	-1.4
Pottawattamie	8.4	3.9	13.5	9.6	4.5	0.6	3.8
Poweshiek	3.3	-0.7	10.2	10.9	3.9	1.4	2.5
Ringgold	-11.9	-5.1	9.8	14.9	-7.1	-0.2	-7.0
Sac	-5.4	-4.4	8.7	13.1	-0.9	0.6	-1.5
Scott	4.3	5.6	14.0	8.4	-1.3	1.5	-2.9
Shelby	-2.7	-0.5	12.5	13.1	-2.3	0.2	-2.4
Sioux	4.4	4.0	14.7	10.7	0.3	1.9	-1.6
Story	1.8	5.8	11.7	5.9	-3.9	7.3	-11.2
Tama	3.9	3.4	12.2	8.8	0.3	0.6	-0.2
Taylor	-11.1	-0.3	14.7	15.0	-10.7	1.0	-11.7
Union	3.4	1.4	12.4	10.9	1.9	0.3	1.6
Van Buren	-4.9	-4.7	10.4	15.0	-0.3	-0.1	-0.1
Wapello	-2.1	0.4	11.9	11.6	-2.5	1.0	-3.5
Warren	9.4	3.8	11.7	7.9	5.5	0.4	5.1
Washington	2.9	2.2	13.1	10.9	0.6	0.8	-0.1
Wayne	-8.6	-5.1	10.3	15.4	-3.8	0.2	-3.9
Webster	-9.6	-0.3	11.9	12.1	-9.3	0.9	-10.1
Winnebago	-4.3	-4.2	8.3	12.5	-0.1	2.4	-2.5
Winneshiek	-1.6	-0.8	8.1	8.9	-0.8	1.9	-2.7
Woodbury	-1.2	5.8	15.4	9.6	-6.9	4.0	-10.8
Worth	-1.0	-3.9	9.1	13.0	2.9	0.3	2.6
Wright	-11.6	-6.0	9.9	15.9	-5.6	2.5	-8.2

¹ Rates per 1,000 average population at the midpoint of the time period - See "State and County Terms & Definitions" for calculation

² Total population change includes residual - see "State and County Terms & Definitions"

Note: The April 1, 2000 Population Estimates base reflects changes to the Census 2000 population from the Count Question Resolution program and geographic program revisions. Dash (-) represents zero or rounds to zero. (X) Not applicable

Source: U.S. Census Bureau, Population Division, (301) 457-2422, Released April 14, 2005

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