The Data for Decision Makers (DDM) city profile provides current indicators for Iowa’s cities and counties. The DDMs provide a profile of the city, a way to compare among cities, and a way to compare cities to the counties. They are meant to help Iowa’s residents and policy makers understand the situations and contexts of their communities.

The city DDMs are provided in 2-page or 4-page format depending on the size of the community. Because small population areas typically generate larger margins of error from the American Community Survey,9,10 towns smaller than 350 have the 2-page layout.

This user’s guide provides an overview of the topics in the DDM, gives background information about the indicators, as well as providing other resources about the topics and the data. The DDMs are updated as new releases of data are available. The Data for Decision Makers are accessed from the ISU Extension and Outreach Indicators Portal.2

Population & Demographics - Page One Population for the city, neighboring cities, the county,1 and the state are on page one of the DDM. These data come from the 2000 through 2020 Decennial Censuses carried out by the Census Bureau.3 Also included is the city population by sex along with the most recent population estimates for the city, county, and state. The estimates are updated annually using an administrative records estimation process.4 The population totals are used to calculate the percentage changes that are shown for the cities, the county, and the state.

The data for race and Hispanic origin are from the Decennial Censuses.1 For race, respondents can self-select one or more categories. Those choosing more than one race are counted in the “two or more races” category. Hispanic origin is considered to be an ethnic group, not a race category. Persons of Hispanic origin can be of any race.5

Households, Families, & Age - Page Two Data on households, families, and age are on page two and are from the Decennial Censuses.3 Households (occupied housing units) are the main units for which Census data are collected. There may be from one to several persons living at each location. In order to be classified as a family, a household must have at least two persons living together, one of whom is related to the householder by birth, marriage, or adoption. Non-family households, with no relatives of the householder, frequently are householders who are living alone.

Various age groups are reported along with the median age,6 age dependency ratios,7 and population pyramids.8 The median age shows the midpoint of the age distribution with half of the residents being below the median in age and the other half being above. A higher median age is an indicator of an overall older population.

Age dependency ratios indicate the typically dependent population compared with those of working age and show the population that usually relies on others for the goods and services they consume.7 A higher age dependency ratio can result from larger numbers of children, larger numbers of older persons, or both relative to the working age population.

A population pyramid visually shows the age and sex structure for a region and is a useful way to compare across age and sex groups. Each bar (except the top bar) represents a 5-year age group with females on the right and males on the left. In these visuals, the length of the bar shows the percent of the total population for each age/sex group. Both the city and county pyramids are included.

Socioeconomics - Pages Three & Four The socioeconomic indicators reported in the city DDM come from the American Community Survey (ACS) carried out by the Census Bureau.9 This includes the information on income, housing, educational attainment, occupation, employment, poverty, disability, and health insurance coverage. The ACS is updated annually and provides basic social, economic, and detailed housing information. Because the ACS information is gathered with a sample survey methodology that is different from the Decennial Census, the reporting gives a 5-year pooled estimate rather than a point-in-time count. In addition, margins of error (MOE) are given for each estimate to indicate the level of uncertainty and reliability associated with the estimate.10

An income distribution for households is provided along with median9 housing value and median rent. The age of the housing is indicated by the percentages built by decade. Some communities have significant portions of their housing built before 1940. Median housing values, median rents, and the age of housing units vary significantly among the cities.

Educational attainment, reported for persons age 25 and older, shows those completing at least high school and those with a bachelor’s degree or higher. There are often significant variations among the cities in the percentage of residents who have completed at least a bachelor’s degree.

The five main occupational groups used to classify work are included as well as estimates of earnings, employment and unemployment.11 Median6 earnings are reported by sex. In general, the median earnings for males tends to be higher than that for females. For employment, a portion of the persons categorized as not in the labor force are those who are retired.

Poverty12 is usually thought about in terms of not having enough money to meet basic needs of food, clothing and shelter and it is usually measured by income indicators. Poverty data from the ACS show, based on household or family size and composition, the number or percent of households or persons whose income fell below a set of dollar value thresholds specified by the U.S. Department of Health...
and Human Services. If a family’s or an individual’s income was less than the dollar value of the appropriate threshold, then that family and every individual in it was considered to be in poverty. The dollar value thresholds are revised annually based on inflation in the prices of consumer goods. For some smaller cities, poverty estimates for subgroups may be suppressed which is usually due to the small numbers of persons in these groups that result in poverty estimates that are unreliable with large margins of error. Poverty status is not determined for people who live in group quarters such as college dorms or institutions.

Disability status includes respondents who report difficulties or life activity limitations in one or more areas of functioning. These include hearing, vision, cognition, ambulation, self-care, or independent living. Health insurance coverage broadly classifies the types of coverage into private or public coverage. Any given respondent may have several kinds of coverage or may have none. Both disability and health insurance coverage are reported only for the civilian, non-institutionalized population.

References and Notes:
1. The city Data for Decision Makers include the communities that are legally designated as incorporated places. They have recognized boundaries, elected officials, and provide services to those who live within the boundaries. Other settlement areas know as census designated places are defined by the Census Bureau for statistical purposes only and are not included in the city Data for Decision Makers profiles. For communities with population in more than one county, the county given in the DDM is the one that contains the most of the city’s population.
2. Data for Decisionmakers for Iowa’s counties, cities, legislative districts, Extension regions, health, and housing are updated as new data become available. They can be found at: https://indicators.extension.iastate.edu. The Data for Decision Makers are part of the Indicators Data and Portal Project that is supported by Iowa State University Extension and Outreach through the data team of Extension to Communities and Economic Development.
3. The Decennial Census surveys and counts every household and person in the United States. A Decennial Census is carried out every 10 years in the years ending in zero and is required by the U.S. Constitution to reapportion Congress. More information can be found at: https://www.census.gov/.
4. The Census Bureau’s Population Estimates Program produces annual estimates of the population for the U.S., states, counties, and towns. The estimates program uses an administrative records estimation process involving current data on births, deaths, and migration to calculate population change since the most recent Decennial Census. More information can be found at: https://www.census.gov/programs-surveys/popest.html.
5. More information regarding the reporting of race and Hispanic origin can be found at: https://www.census.gov/topics/population/race.html and https://www.census.gov/topics/population/hispanic-origin.html.
6. A median is the middle value of a distribution. Half of the values are above the median and half are below.
7. The age dependency ratio compares, by age, those typically not in the labor force with those who typically are in the labor force. Old Age dependency is persons 65+ per 100 persons age 18-64. Child dependency is persons under age 18 per 100 persons age 18-64. The total age dependency ratio is persons under age 18 plus persons 65 or older per 100 persons age 18-64.
8. In a population pyramid, the length of each bar shows the size of each age-sex group relative to the other groups. The length of the bar can represent each group’s percent of the total population or the actual population counts of the group. The pyramid is a useful way to compare across age and sex groups. More information on population pyramids can be found at: https://www.census.gov/newsroom/blogs/random-samplings/2016/06/americas-age-profile-told-through-population-pyramids.html.
9. The American Community Survey (ACS) is an ongoing survey that provides annual information for the U.S., states, counties, towns, and many other geographic regions. The ACS is the primary source for social, economic, and housing data. The home page for the American Community Survey and guidance is: https://www.census.gov/programs-surveys/acs/.
10. Because the ACS data are based on samples of the population, there is some level of uncertainty or sampling error associated with each estimate. The Census Bureau provides a margin of error (MOE) that helps to assess the amount of sampling error and the reliability associated with the estimate. The MOE is reported as +/- a numerical value that should be added to or subtracted from the point estimate value and which give the upper and lower bounds of a 90% confidence interval around the estimate. The interval represents the range within which the true value of the estimate is expected to be with a level of confidence of 90%. A smaller MOE relative to the size of the estimate represents a more precise and reliable estimate. As MOEs become relatively larger, the less confidence there is that the point estimate is close to the true population value. In some cases, especially for small geographic areas or subgroup populations, margins of error can be relatively large. For this DDM, MOEs that are half or more of the size of the point estimate value are considered to be unreliable and the point estimate values and MOE values are suppressed. For areas or subgroups for which the city data are not given, users should use the county level estimates as an approximation of the level in a city. See: https://www.census.gov/programs-surveys/acs/library/handbooks.html.
11. Concepts and measurement of income, earnings, occupation, and employment can be found at: https://www.census.gov/topics/income-poverty/poverty.html; and https://www.census.gov/topics/employment/labor-force.html.
12. Persons in the various types of group quarters who are not included in the population for whom poverty is determined were excluded from the numerator and denominator when calculating poverty rates. Poverty concepts and measurement as used in the ACS can be found at: https://www.census.gov/topics/income-poverty/poverty.html and https://www.census.gov/topics/income-poverty/poverty/publications.html. Federal poverty information and guidelines can be found at: https://aspe.hhs.gov/poverty-guidelines.