

Name of collection: *Computer and Internet Use (Households and Individuals)*

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| <p>Nature of collection If possible, use the classification of collection types shown above e.g. <i>ICT use collection – business</i>. For “other” collections, provide details e.g. <i>Other ICT collection – ISPs</i>.</p> | <p>ICT use collection – Household/individual</p> |
| <p>Collection agency</p> | <p>US Bureau of the Census: http://www.census.gov</p> |
| <p>General references to collection material Metadata, questionnaires etc</p> | <p>Questionnaires, Methodology and Documentation: http://www.bls.census.gov/cps/computer/computer.htm</p> |
| <p>Survey basis or vehicle E.g. Labour Force supplement, standalone survey, administrative byproduct data</p> | <p>Supplement to the monthly Current Population Survey (CPS), a monthly survey of about 50,000 households conducted by the Bureau of the Census for the Bureau of Labor Statistics.</p> |
| <p>Frequency of collection</p> | <p>Variable: approximately every 2-3 years</p> |
| <p>Collection history Reference dates and/or periods from the first to the latest collection</p> | <p>Oct 1997, Dec 1998, Aug 2000, Sept 2001, Oct 2003</p> |
| <p>Whether collection is mandatory or voluntary</p> | <p>Voluntary</p> |
| <p>Scope and coverage of collection Target population in terms of size, industry, population groups etc</p> | <p>The sample is scientifically selected to represent the civilian noninstitutional population. The sample provides estimates for the nation as a whole and serves as part of model-based estimates for individual states and other geographic areas. The survey is household based. For each household, Census Bureau interviewers spoke to a person (called the “respondent”) who was at least 15 years old and was considered knowledgeable about everyone in the household. For purposes of collecting data at the household level (such as type of connection to the Internet), the respondent provided information pertaining to the “householder” or “reference person,” who is an adult in the household who either owns or has signed for the rent on the residence. For purposes of collecting data at an individual level, the respondent provided responses for him or herself and proxy responses for all other members of that household age 3 and older for some questions and age 15 and older for other questions.</p> |
| <p>Main classifications used E.g. industry, size, commodity, occupation</p> | <p>Questionnaires, Methodology and Documentation: http://www.bls.census.gov/cps/computer/computer.htm</p> |
| <p>Collection methodology E.g. face-to-face, mail, Web, telephone interview</p> | <p>Combination face-to-face and telephone. First interview is always face-to-face</p> |
| <p>Reporting and Statistical units Enterprise, establishment, household, etc</p> | <p>Households and individuals</p> |
| <p>Sample frame used</p> | <p>The households surveyed were selected from the 1990 Decennial Census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. The Census divided</p> |

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| | the United States into 2,007 geographic areas, each typically comprised of a county or several contiguous counties. A total of 754 geographic areas were selected for the 2003 CPS survey. |
| Sampling method E.g. stratified random sampling, cluster sampling | A multistage stratified sample http://www.census.gov/prod/2002pubs/tp63rv.pdf |
| Sample size For the most recent collection | Approximately 57,000 sample households yielding information on 134,000 individuals (age 3 and above) |
| Response rate The responding proportion of the live in-scope population, most recent collection | Response rates of 92.7 percent for the basic CPS and 86.9 percent for the Computer and Internet Use supplement |
| Methods for dealing with non-response (item and unit) Indicate whether imputations are made for non-response and a short description of methods used. | The CPS has two sources of non-response. The largest results from non-interview households. This is compensated for in by weighting where essentially the weights of non-interviewed households are distributed among interviewed households. The second source of data loss is from item non-response. Item non-response occurs when a respondent either does not know the answer to a question or refuses to provide the answer. Item non-response is compensated for by imputation. |
| Weighting of results Weighting method e.g. by employment, number of enterprises, revenue | See above |
| Relative standard errors (or coefficients of variation) on main aggregates For the most recent collection. These can be expressed as a range of values. For a given variable, the RSE or CV is equal to the ratio of the square root of the estimate of the sampling variance to the estimated value. It can be expressed as a fraction or a percentage. | Given the size of the sample, calculated standard errors are small. For example, our estimate that 61.8 percent of households have a computer (Figure 1) has a standard error of 0.20, which yields a 90-percent confidence interval of 61.5 to 62.1 percent. However, as the population under consideration becomes smaller, the confidence interval widens. For example, the width of the 90-percent confidence interval for many states exceeds 5 percentage points. See Source and Accuracy Statement for more details (http://www.bls.census.gov/cps/bsrcacc.htm) . |
| Known data quality issues with this collection E.g. non-response bias, comparability problems over time, definitional issues, coverage deficiencies, timeliness of frame, high item non-response (identify topics which are particularly problematic). | Source and Accuracy Statement for details (http://www.bls.census.gov/cps/bsrcacc.htm). Data from 2001 and 2003 reflect 2000 Census-based weights and earlier years are 1990 Census weights |
| Output details Please list (or link to) relevant publications for this collection. You can also email relevant files to the OECD. | A Nation Online: Entering the Broadband Age (Sept 2004) https://www.esa.doc.gov/Reports/NationOnlineBroadband04.pdf |
| Other comments | |
| Contact/s Where available, provide names and email addresses. | Patricia Buckley Patricia.Buckley@esa.doc.gov |