



## Intermediate Workshop for CSPro (Census and Survey Processing System)

Two-Week Workshop: May 20 – May 31, 2013  
U.S. Census Bureau, Washington, DC

This workshop, for intermediate users of the Census and Survey Processing System (CSPro), will introduce features of the program that streamline the creation of dynamic and powerful applications. Participants will learn about ways to automate data processing tasks, how to design CAPI applications for enumeration on tablets, how to implement hotdecks for data editing, how to create advanced tables, and how to use CSPro's web dissemination tools. Participants will also learn from each other about how other organizations handle data processing tasks. The CSPro programming language will be the primary focus of the workshop.

The workshop focuses on processing a demographic census or survey, but participants are encouraged to bring any questionnaire relevant to their job responsibilities. It will be conducted in a hands-on, product-oriented environment. Each participant will have exclusive use of a computer and will receive the latest version of the CSPro software.

### Contents of the two-week workshop:

- Design principles
- Dictionary macros and relations
- Work with external files
- Advanced CAPI
- Debugging and error detection
- Batch editing and exporting
- Production automation
- Advanced tabulation and area processing
- Internet-based dissemination tools
- Interface CSPro with MySQL databases
- Develop specifications for CSPro applications
- Develop prototype CSPro applications
- Design overall data processing systems with emphasis on quality assurance
- Examples of various applications

### Audience and prerequisites:

This is a course oriented toward computer programmers and IT professionals who currently use CSPro to implement data processing systems or who wish to understand this process in more detail. This course is not geared towards subject-matter specialists, though some may find it useful if they are heavily involved in CSPro data processing tasks. Ideally, participants will have fully processed at least one census or survey in CSPro and can easily write basic CSPro logic.

**Date:** May 20 – May 31, 2013

**Place:** U.S. Census Bureau Headquarters  
Suitland, Maryland (near Washington, DC)

**Tuition:** US \$3,000

The workshop will be limited to 10 participants and take place over nine working days. Those who complete the application requirements will be accepted on a first-come, first-served basis. The workshop will be conducted in English. For more information or to receive an application, email [ipcta@lists.census.gov](mailto:ipcta@lists.census.gov).