Making an Ally Out of Statistics: Program Advocacy and Patron Success

Statistics can be an ally for developing mission-critical library and information center programs. Library patrons also need assistance in understanding and applying statistics appropriately in their research. This two-day course will clarify the range of economic statistics, their properties, and sources so that participants will:

- Interpret statistical data and see through misleading statistical presentations
- Be able to assist patron in finding and using economic statistics appropriately
- Utilize statistical analysis to improve their own reports and presentations

**Date**
Thursday, April 20 - Friday, April 21, 2006

**Time**
9:00 a.m. - 4:00 p.m. (Registration begins at 8:30 a.m. There is no entrance to the Library of Congress prior to 8:30 a.m.)

**Place**

**Metro**
Capitol South (Orange and Blue Lines)

**Sponsor**
FLICC Education Working Group

**Information**
Call FLICC (202) 707-4813; TTY (202) 707-4995

**Registration**
$275 (charge to FEDLINK Training Account/FT)
$296 (for all other transactions)
Limited to 35 participants.

To register online, visit the FLICC Educational Programs Web site at http://www.loc.gov/flicc/feveform.html, or complete and fax the form below to (202) 707-4825.

Request ADA Accommodations five business days in advance at (202) 707-6362 TTY or ada@loc.gov.

**Cancellations**
Cancellations must be called into the FLICC office (202-707-4813) 48 hours prior to the start of an educational program or the full fee will be charged.

Register online at http://www.loc.gov/flicc/feveform.html or fax the form below to FPE Registration (202) 707-4825.

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**Name______________________________________________________Title______________________________________________________**

**Organization____________________________________________________________________________________________**

**Address____________________________________________________________________________________________**

**City, State, Zip________________________________________________________________________________________**

**Phone ( )_________________Fax ( )_________________Email________________________________________**

**Payment Method:**

- Bill the $275 registration fee to my agency’s FEDLINK Education/Training (FT) account. To establish an FT account or add funds to an existing account, contact the FEDLINK Fiscal Hotline at 202-707-4900.

  - **FEDLINK ID_________________OCLC Symbol_________________**

- Attached is a standard government training form (e.g. SF182 or DD1556) or other billable document for the registration fee of $296. The Library of Congress will bill my agency based on this document. Originals of these forms must be submitted onsite at registration.

- Charge the $296 registration fee to my agency’s government credit card. (Do not include the account number; FEDLINK will contact the credit card holder listed below.)

  - **CARD HOLDER________________________________PHONE________________________**

Registrations are not complete until your FT account balance has been verified or other appropriate documentation is received.
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Program Highlights

U.S. Statistical System
Decentralization
Range of information available
  Administrative data
  Census data
  Survey data
Non-government data

Statistical Properties and Principles
Averages
Distributions
Seasonal adjustments
Annualized rates
Currency, timeliness, revisions
Change, real and nominal
Survey design, standard error

Presenting data
Tables
Charts
Content
Organization
Statistical Reports

Identifying the right statistic
Classification issues
Definitions
Time periods
Historical trends
Most current
Forecasts
Geography

Interpreting and using statistics
Avoiding the misuse of statistics
Sample size and whether it is representative
Source – independence and possible bias
Comparison to other statistical yardsticks

Displaying data in chart
Using charts to convey data, interpret data

Review of Major Statistical Series
Social and Demographic
Vital statistics (births, deaths, etc.)
Industry
Economic indicators
Prices and Inflation
Compensation
Occupations