

What Is Connect?

- A powerful, easy to use online statistical tool for creating tables and graphs comparing libraries throughout the country

Who Developed Connect?

- Informata – Baker and Taylor subsidiary
- Company formerly known as
 - Management Dynamics
 - Bibliostat
 - Epixtech

Benefits of Connect

- Shows the community their return on investment in the library
- Organizes numbers into meaningful, easy to read, tables and graphs
- Helps in detecting strengths and weaknesses of the library
- Discover trends by analyzing library statistics

Audience

- In-house use
- Library board
- Local, County and State officials
- Grant funders
- Library patrons
- Community agencies
- Media

Minimum Requirements

- Internet Explorer -- 4.0
- Dial-up 28.8 modem
- Screen resolution – 800 x 600, 256 colors

Help!!

- Contact Informata
 - for technical questions (hardware, connection, etc.)
 - **800-775-3700**
- Contact Jay Bank (KDLA)
 - for passwords, general questions
 - e-mail jay.bank@ky.gov

Where is Connect?

- <http://connect.informata.com>

Navigating

- Setup – goes back to 1st screen
- Log Out – ends session
- How Do I – tutorial
- Help – information on current screen
- Clear All – erases options
- Back/Next – move to another screen
- Four Steps
 1. Libraries
 2. Data
 3. Format
 4. Results

Login Screen

- A Username and Password have been assigned to each library.
- These are unchanged for the new fiscal year.
- Username and Password are not case sensitive.

WebConnect - Login - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media Print Mail News Go

Address <http://connect.informata.com> Go

What's New



login

[How do I?](#) [Help](#)

Username:

Password:

Done Internet

Start | Inbox - ... | CNN.co... | Window... | Microsof... | WebCo... | Jasc Pai... | 160 | [System Tray Icons]

Setup Screen

- Choose Database
 - LJ Index – Library Journal index scores
 - PLSC/Census – seventeen years of national data available (→ FYE 2012)
 - Public Library Data Service Statistical Report – select sample of U.S. libraries
(29 KY libraries, fourteen years → FYE 2011)
 - ARL – Academic libraries (2001 only)
 - States – Includes KY annual report collection
(KY: twelve years → FYE 2013)
- If you are doing a Peer Comparison then select your “Me Library”

Select DataSource

Database:

KENTUCKY

Data collected through a states annual survey.



Select "Me" Library

State:

Kentucky

Library:

Clay County Public Library

The "Me" Library is used as the comparison library when selecting by peers.

Misc Options

- Always show this screen at startup
- Show ToolTips

next

Select by Peers

- To define your peer group click on the 'Select by Peers' button

Saved Lists

Selected Libraries

-None Selected-

- select by peers
- select alphabetically
- select benchmarks

- delete all
- delete selected

next

Choose Peer Criteria

- Click on "+" to expand a folder with data elements
- Click on "+" by percents and ratios to display more measurements
- Click on check boxes to toggle criteria on/off

Available Criteria

- Statistical Data Elements
 - General Information
 - Percents And Ratios
 - % of Total Population are Registered Borrowers
 - Library Square Footage per Capita
 - Registered Borrowers per Capita
 - # of Bookmobiles
 - # of Registered Borrowers
 - Branch Library Square Footage
 - Main Library Square Footage
 - Population of Legal Service Area
 - Total Library Square Footage
 - Expenditures
 - Income
 - Staff
 - Holdings
 - Circulation
 - Programs

Selected Criteria

Statistical Data Elements

Population of Legal Service Area

Clay County Public Library: 24,506

Minimum Value

Maximum Value

of Registered Borrowers

Clay County Public Library: 2,925

Minimum Value

Maximum Value

back next

Minimum and Maximum Values

- Enter a minimum and maximum value for each data element checked. These may be easily adjusted.
- Be sure that the “My Library” figure is between the minimum and maximum values.

Available Criteria

- Statistical Data Elements
 - General Information
 - Percents And Ratios
 - # of Bookmobiles
 - # of Registered Borrowers
 - Branch Library Square Footage
 - Main Library Square Footage
 - Population of Legal Service Area
 - Total Library Square Footage
 - Expenditures
 - Income
 - Staff
 - Holdings
 - Circulation
 - Programs
 - Inter-Library Loans
 - Electronic Measures
 - Miscellaneous
 - Categorical Data Elements
 - General Information

Selected Criteria

Statistical Data Elements

Population of Legal Service Area

Clay County Public Library: 24,506

Minimum Value

Maximum Value

of Registered Borrowers

Clay County Public Library: 2,925

Minimum Value

Maximum Value

back next

Refine Range

- Change the number of peer libraries by adjusting the minimum and maximum date ranges.
- Click “Refine” to bring up a revised list of peers.

Library Name	# of Registered Borrowers	Population of Legal Service Area
Ballard Carlisle Livingston Public Library	3,399	23,272
Clay County Public Library	2,925	24,506
Harvey Helm Memorial	4,870	23,922
Rowan County Public Library	2,204	22,174

Population of Legal Service Area

20,000 30,000

of Registered Borrowers

2,000 5,000

Refine

4 Libraries

back

next

More Libraries?

- Peer libraries are displayed
- Additional peer or manually selected libraries may be added on this screen.
- Click "Next" to continue.

Saved Lists

Selected Libraries

Ballard Carlisle Livingston Public Library
Clay County Public Library
Harvey Helm Memorial
Rowan County Public Library

select by peers

select alphabetically

select benchmarks

delete all

delete selected

next

Census Data

- Connect now includes socio-economic data from the 2010 U.S. Census, which may be used as criteria for creating a peer selection group.
- Census data elements include age, educational attainment, household income, language spoken at home, race and ethnicity, and school enrollment.
- The 2010 Census data is only available in the national PLSC database, and may only be used to create a peer group.

Select Data Elements

- Choose data elements in the same manner that peer criteria were selected.
- Pick the desired years for data by checking the "Available Years" box(es)
- Click the "Next" button when done.

Saved Lists

Available Data Elements

- Circulation
 - Percents And Ratios
 - Adult Fiction Circulation
 - Adult Non Fiction Circulation
 - Juvenile Fiction Circulation
 - Juvenile Non Fiction Circulation
 - Other Printed Material Circulation
 - Total Audiovisual Circulation
 - Total Book Circulation
 - Total Circulation
 - Total Circulation of Bookmobiles
 - Total Circulation of Main Library
 - Programs
 - Inter-Library Loans
 - Electronic Measures
 - Miscellaneous
- Categorical Data Elements
 - General Information
 - Electronic Measures

Selected Data Elements

- Adult Fiction Circulation
- Adult Non Fiction Circulation
- Juvenile Fiction Circulation
- Juvenile Non Fiction Circulation

Available Years

- 2002

Clear All

back

next

Format Screen

- Click on either the table or graph radio button. Graph requires ActiveX controls, and may be unavailable. Graphs are better done by working with tables data in Excel.

"Group By" – arranges data on the X axis. "Data Type" – allows numbers to be shown as standardized, regular, percentile, or rank.

Type of output: Graph Table

Title:

Group By:

Data Type:

X-axis Title:

Y-axis Title:

Color Scheme:

Graph Type:

Decimal:

Labels: Yes No

Show Legend: Yes No

Quick Chart

- Accept all format defaults to produce a quick chart.
- The "Me Library" is highlighted in red.
- Click on any heading to sort data.
- Choose "Export to Excel" to save this table as an Excel .xls file.
- To make changes in the table -- Click on the format button to return to the previous screen
- Print the completed table using the File menu and then Print in Internet Explorer

Export to Excel

2002

Libraries	Adult Fiction Circulation	Adult Non Fiction Circulation	Juvenile Fiction Circulation	Juvenile Non Fiction Circulation
Ballard Carlisle Livingston Public Library	21,256	4,518	16,024	3,056
Clay County Public Library	15,172	8,772	6,639	11,801
Harvey Helm Memorial	32,160	8,366	21,257	2,108
Rowan County Public Library	23,014	6,368	16,345	5,445

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[E-Mail Support](#)

Creating A Graph

- Select the Graph radio button in the format screen.
- Up to 18 libraries can be displayed in graph view
- Input a title for the graph
- Click "Next"

Type of output: Graph Table

Title:

Book Circulation, Peer Libraries

Group By:

Libraries

Data Type:

Regular

X-axis Title:

Y-axis Title:

Color Scheme:

ChartFX 3.0

Graph Type:

Bar

Decimal:

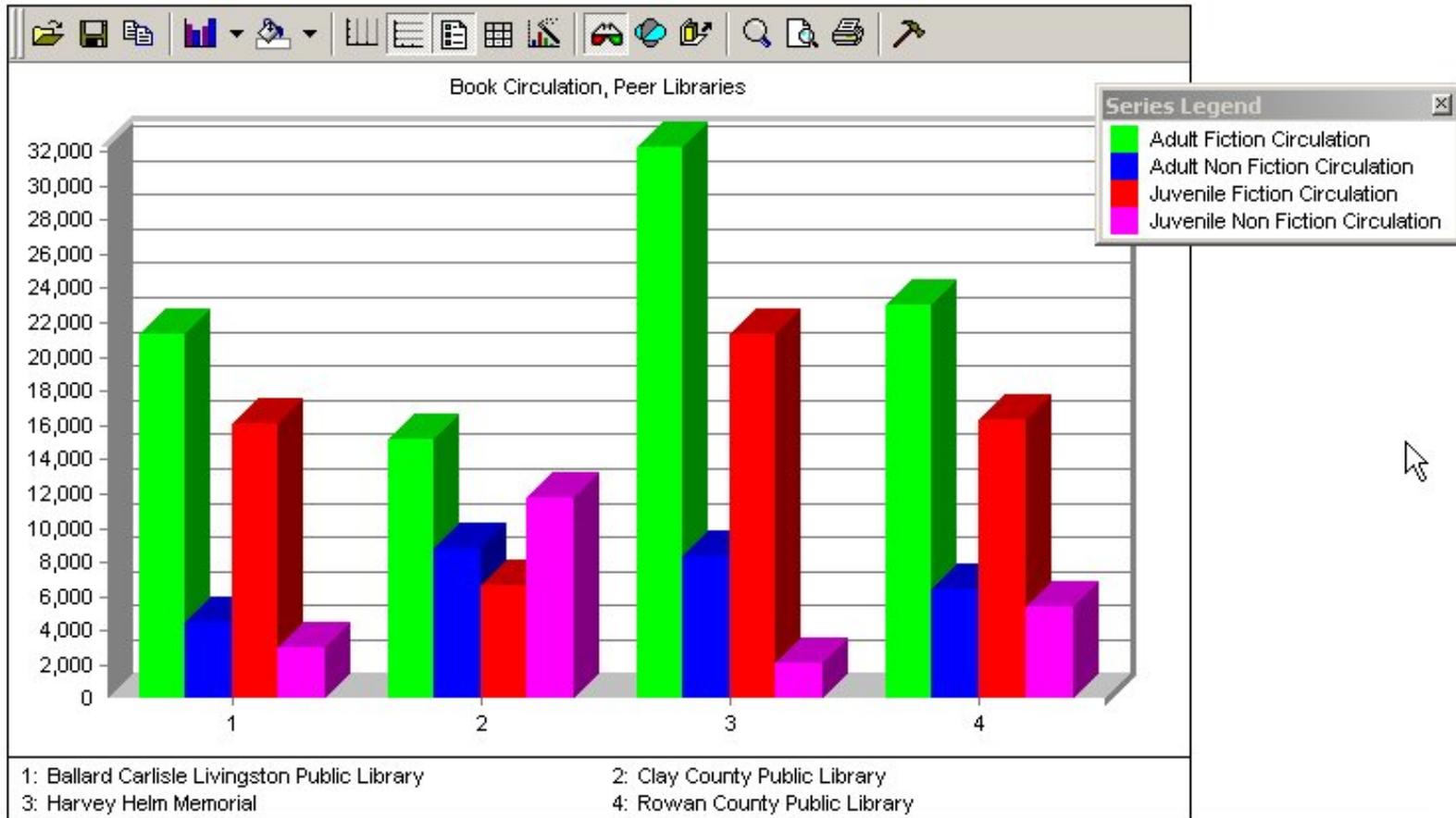
0

Labels: Yes No

Show Legend: Yes No

back next

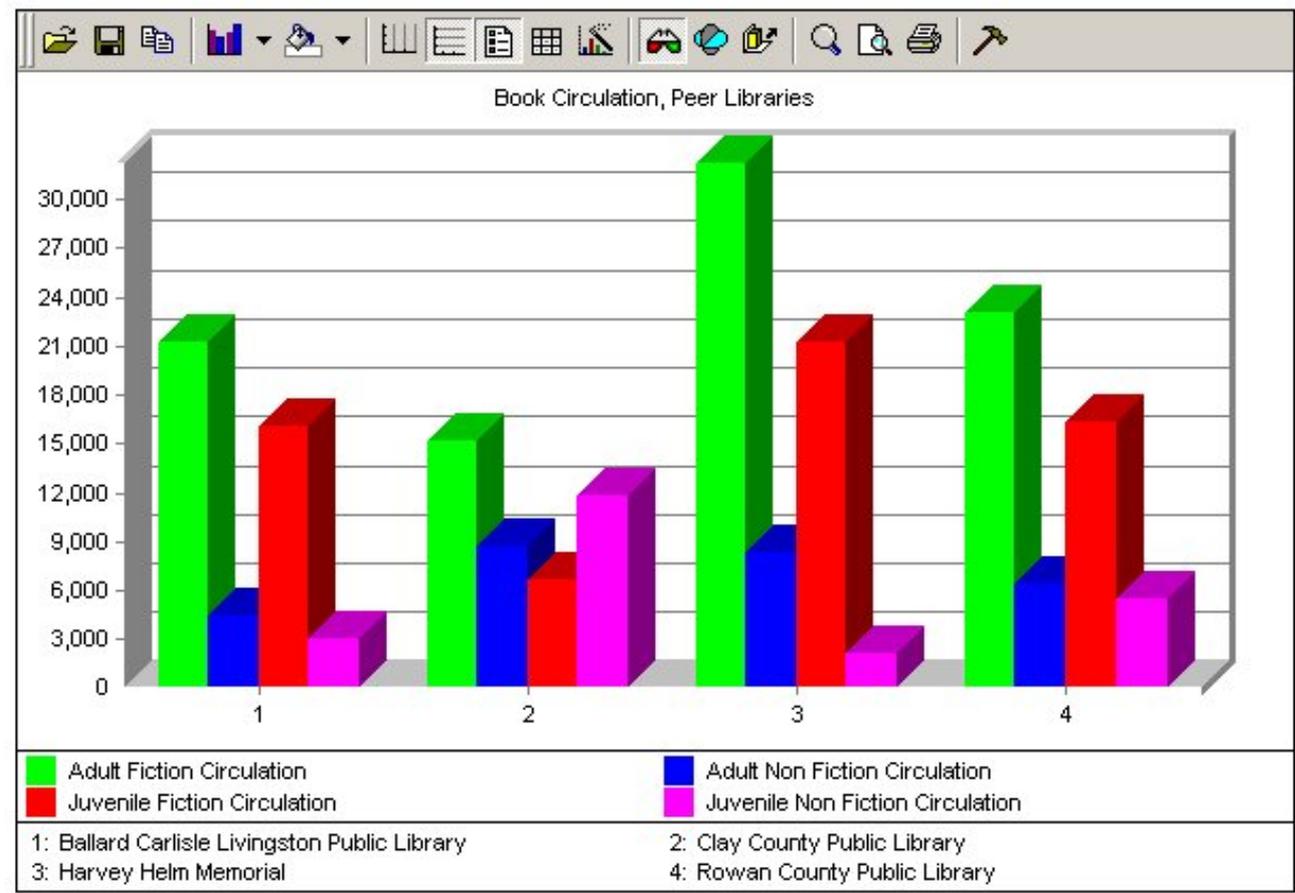
Sort By 2002@Libraries A-Z Sort



Move Legend

- Place the cursor over the legend. Hold the left mouse button and drag the legend to some other screen position.
- Another option is to have the legend turned off.

Sort By 2002@Libraries A-Z Sort



Other Graph Options -- 1



Save – save the current graph



Open – a saved graph may be opened



Copy – image of graph is copied to the clipboard



Gallery – choose from 20 types of graphs: pie, bar, line, area, etc. Some of these graph types are no value whatsoever!



Grids – toggle horizontal or vertical gridlines on or off



Legend – turn the legend on or off



Data Editor – adds data in chart. Limitation is the number of columns (2-3) that fit on screen

Other Graph Options -- 2



Properties – opens graph property window that allows extensive editing features



3D – toggle 3D/2D perspective



Rotate – turn a 3D graph



Z-Clustered – creates stacked bar graph



Zoom – enlarge an area of the graph



Preview – how the printed graph will look



Print – send graph to default printer



Tools – more tools bars and options

Select Alphabetically

- Allows comparison without choosing peer libraries
- Examples:
 - Neighboring libraries or state
 - Libraries with known characteristics
- How to select multiple libraries
 - Hold the 'Ctrl' key and left mouse button click for each library.

Select DataSource

Database:

FSCS

Federal-State Cooperative System for Public Library Data. This is an annual survey of nearly 9000 public libraries nationwide. Data is checked for quality by the Bureau of the Census and the National Center for Education Statistics.

Select "Me" Library

State:

Library:

The "Me" Library is used as the comparison library when selecting by peers.

Misc Options

- Always show this screen at startup
- Show ToolTips

[next](#)

Select Libraries Alphabetically

- Select the database from the DataSource pull-down menu
- Ignore the Select "Me" Library. We will choose libraries manually

Saved Lists

Selected Libraries

BOONE COUNTY PUBLIC
BOONE-MADISON PUBLIC LIBRARY
BOONSLICK REGIONAL LIBRARY

- select by peers
- select alphabetically
- select benchmarks

- delete all
- delete selected

next

Select Data Elements

- Click on desired data elements for the libraries you have selected
- Tables and graphs are created in the same way as using peer comparisons

Saved Lists

Available Data Elements

- [-] Statistical Data Elements
 - [-] General Information
 - [-] Expenditures
 - [-] Income
 - [-] Percents And Ratios
 - Operating Income From Federal Government
 - Operating Income From Local Government
 - Operating Income From Other
 - Operating Income From State Government
 - Total Operating Income
 - [-] Staff
 - [-] Holdings
 - [-] Circulation
 - [-] Programs
 - [-] Inter-Library Loans
 - [-] Electronic Measures
 - [-] Miscellaneous
- [-] Categorical Data Elements
 - [-] General Information
 - [-] Electronic Measures

Clear All

Selected Data Elements

- Operating Income From State Government
- Operating Income From Other
- Operating Income From Local Government
- Operating Income From Federal Government

Available Years

- 2001
- 2000
- 1999
- 1998
- 1997
- 1996

back

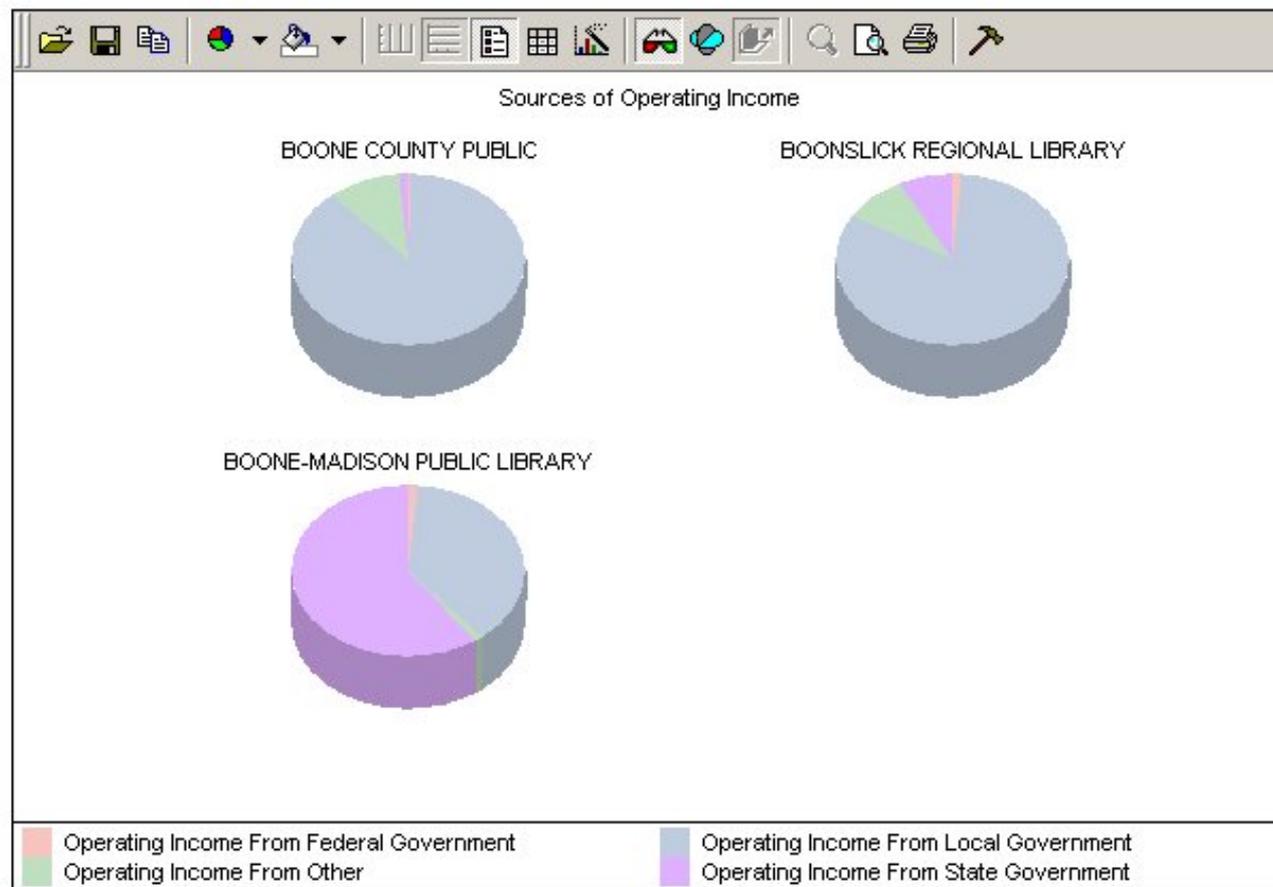
next

Examples of Graphs

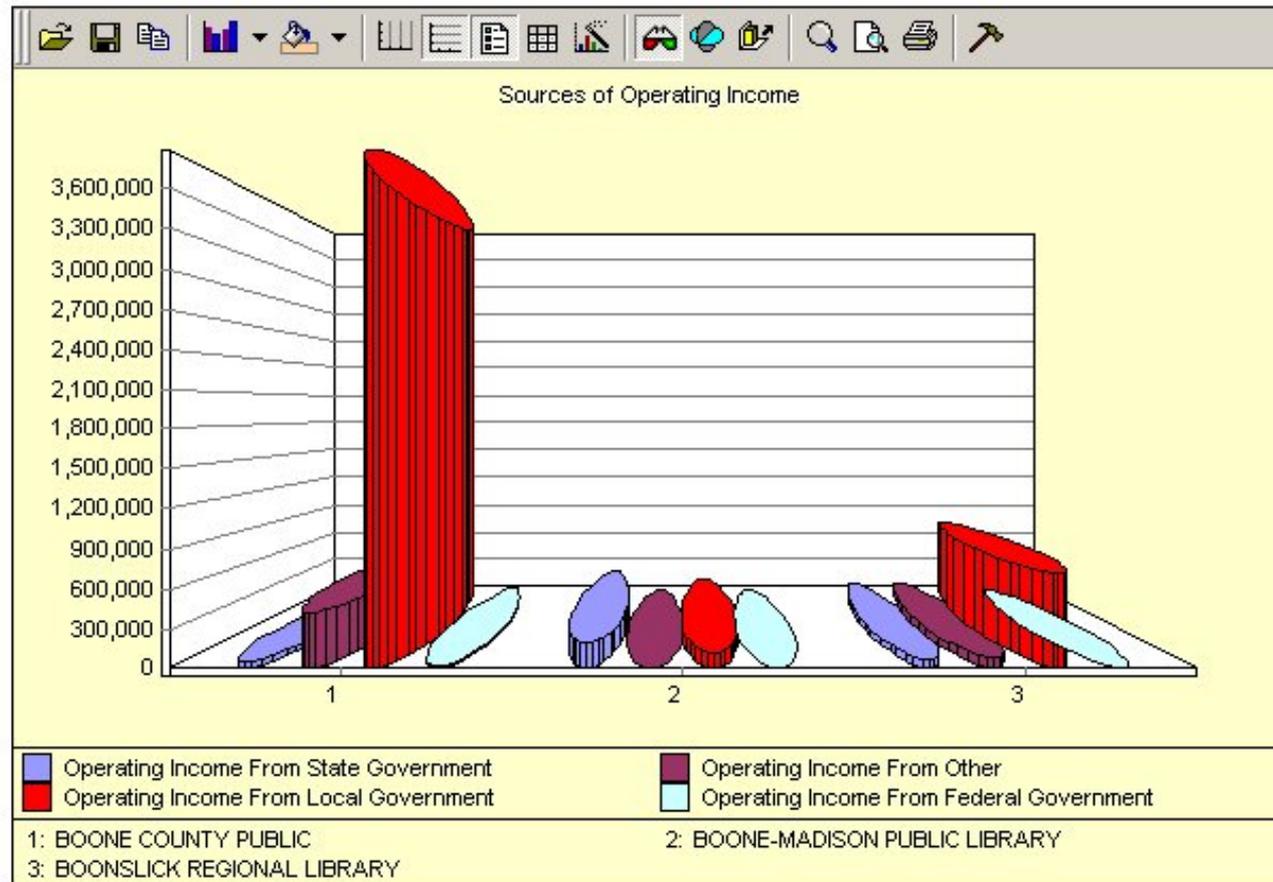
- Some of the graph options are used on the following pages

(they look much better in color!)

Sort By 2001@Data Elements A-Z Sort



Sort By 2001@Libraries [A-Z] Sort



Easy to Create Reports

- Use Connect to create graphs and tables that may be copied into Excel, Word, and most other Windows programs.
- An example is on the following page

Report Example

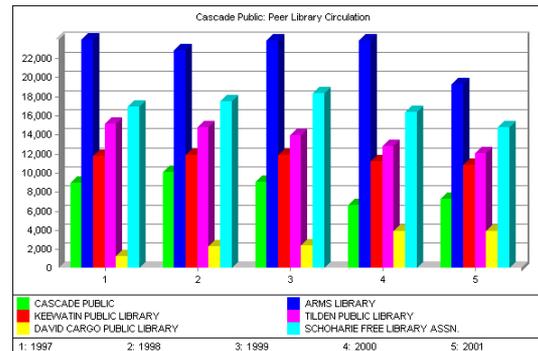
A Sample Connect Report

In the following example we are using the Cascade Public Library (Idaho) as the 'Me' library. The FSCS nation database has been selected. 'Population' and 'Total Income' were data elements used to pick peer libraries. We wanted to compare Circulation for the most current FSCS data.

The following is the default table that we created, saved to Excel, and then inserted into this Microsoft Word document:

Libraries	State	Total Circulation Transactions
ARMS LIBRARY	MA	19,293
CASCADE PUBLIC	ID	7,296
DAVID CARGO PUBLIC LIBRARY	NM	3,911
KEEWATIN PUBLIC LIBRARY	MN	10,870
SCHOHARIE FREE LIBRARY ASSN.	NY	14,819
TILDEN PUBLIC LIBRARY	NE	12,016

The above table indicates relative circulation of Cascade's peer group. A better way to illustrate this would be to use a graph. We have added trend data for the same libraries in the graph:



Tips

- You may only select two of the following:
 - Multiple libraries
 - Multiple data elements
 - Multiple years of data
- Type first letter of the library in pull-down menus
- Libraries are listed by their name, not county, in the Kentucky database. Jefferson County, for example, is shown as Louisville Free Public Library
- In a graph it is usually better to group by data elements. In a table it is usually best to group by libraries, the default.

Glossary -- 1

- ActiveX – Microsoft program code for interaction between web servers, clients, add-ins and Microsoft Office applications. Similar to Java code. Used in Bibliostat Connect to display graphs.
- Alphabetical comparison – choose known libraries
- Benchmark comparison – calculations based on averages of various data elements. For example, use this to compare a local library with state and national averages
- Force Colors (print preview) – This will allow gray scale printout for those not using color printers
- FSCS – Federal State Cooperative System. Joint effort of various library agencies to create a national database of a common core of public library statistics. The “FSCS” database still exists in the Connect program, although this agency’s task is now part of IMLS.

Glossary -- 2

- Load list – (data page) adds saved libraries to existing selected libraries
- "Me" Library – The library selected as a basis for choosing peer institutions. Typically, your library.
- Peer comparison – select libraries that share user defined criteria
- Percentile – Good to use on extremely large data sets. Numbers closer to 100 represent top scores.
- Rank – Best used on data sets of less than 200 libraries. Lower numbers represent top scores. '1' means ranks first in this data set.
- Saved list – (data page) list of libraries (up to 15) that may be reused. For example, neighboring counties or a good peer group.

Glossary -- 3

- Stacked Bar Chart – Each bar contains all of the elements of the whole. For example, each type of income is in a single bar, one bar for each library. To do this select Z-clustered, turn off 3-D, and choose stacked from pull down menu in the general properties tab.
- Standardized values – tell how many standard deviation units away from the average a particular value is. Useful for comparison of data types not normally compared together.

