



# USING I-SHARE SHARED SQL & ACCESS REPORTING TO ASSESS YOUR COLLECTION

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March 20, 2014

IACRL Preconference on Assessment





# Background

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- Reporting in the I-Share Environment
  - CARLI\_Reports\_2009a.mdb
  - Shared SQL posted on CARLI Website:

<http://www.carli.illinois.edu/products-services/i-share/reports>

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## Running & Creating Reports

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- ▶ [Running Access Reports in the I-Share Environment](#)
- ▶ [Shared SQL for Voyager Reports](#)
- ▶ [Resources for Report Writing](#)
- ▶ [Voyager Class Diagrams](#)
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### SYSTEM STATUS

 All Systems Active: All Services are Online

### DOCUMENTATION KEY

#### POPULAR DOCUMENTATION TOPICS

-  [New 2013 I-Share Participating Libraries Resources](#)
-  [I-Share Membership Agreement](#)



# Description of a Library's Collection

## GENERAL

- [Bib records added during date range with normalized ISBN data](#)
- [Bib records of a specific format in a particular location](#)
- [Bibliographic records with particular subject heading strings](#)
- [Calculate the average publication date of my collection](#)
- [Find Item records with copy numbers greater than one](#)
- [List of "Bound withs"](#)
- [List of Titles by Statistical Categories](#)
- [MFHDs added after initial load](#)
- [Shelflist for specific location](#)
- [Title List - Bib Level = s](#)
- [Title List - Medium Videorecordings](#)
- [Titles Within a Call Number Range at a Specific Location](#)



## TITLES WITHIN A CALL NUMBER RANGE AT A SPECIFIC LOCATION

**What it does:** Prompts for a location code, and displays title information for items within a specific call number range in that location.

**This might be useful for:** Collection analysis, inventory.

**Fields in the final report:** LOCATION\_CODE, DISPLAY\_CALL\_NO, Title\_Brief, Author, Publisher, Publisher\_Date

**Estimated timing for query to complete:** less than 1 minute

**Version of Voyager:** tested with V7.2.5

**Author:** Anne Hudson, Cathy Salika and Casey Sutherland

**Author's Library:** CARLI

**Posted:** 11/11/2009; rev. 6/12/2012

**Notes:** The query prompts for the desired Location code and then for the first and last call numbers in the call number range. For an LC library, the call number range can be as broad as A – B or as specific as AC1 to AC2; for a DDC library, the call number range can be as broad as 100 – 200 or as specific as 491.55 – 491.62.

### Main Query:

```
SELECT LOCATION.LOCATION_CODE, MFHD_MASTER.DISPLAY_CALL_NO,  
utf8tol6([bib_text].[TITLE_BRIEF]) AS Title_Brief,  
utf8tol6([bib_text].[AUTHOR]) AS Author,  
utf8tol6([bib_text].[PUBLISHER]) AS Publisher,  
utf8tol6([bib_text].[PUBLISHER_DATE]) AS Publisher_Date  
FROM ((BIB_MFHD INNER JOIN BIB_TEXT ON BIB_MFHD.BIB_ID = BIB_TEXT.BIB_ID)  
INNER JOIN MFHD_MASTER ON BIB_MFHD.MFHD_ID = MFHD_MASTER.MFHD_ID)  
INNER JOIN LOCATION ON MFHD_MASTER.LOCATION_ID = LOCATION.LOCATION_ID  
WHERE (((LOCATION.LOCATION_CODE)=[Enter Location CODE:])  
AND ((MFHD_MASTER.DISPLAY_CALL_NO) Between [First call number in range (case-sensitive):]  
And [Last call num in range + 1 digit (case-sensitive):]))  
ORDER BY MFHD_MASTER.NORMALIZED_CALL_NO;
```



# Conspectus Information

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- Subject divisions and subject categories created by class number mappings published by OCLC:<http://www.oclc.org/collectionanalysis/support/conspectus.xls>
- Institutions could also make their own categories based on LC, Dewey, or other classification.
- Voyager Statistics: the Conspectus Queries:<http://www.carli.illinois.edu/products-services/eres/stats-forum-112213>

# Conspectus.xls as downloaded from OCLC

	A	B	C	D	E
1	DIVISION	CATEGORY	LC CALL NUMBER	DEWEY CALL NUMBER	NLM CALL NUMBER
2	Agriculture	Agriculture, General	S0-790	630	
3				631.58-631.9	
4				631-631.51	
5					
6	Agriculture	Conservation of Natural Resources, Land Conservati	S900-972	333.72	
7					
8	Agriculture	Plant Culture	SB0-9999	363.68	
9				631.52-631.57	
10				632-634.8	
11				635	
12				712	
13				714-717	
14				719	
15					
16	Agriculture	Forestry	SD0-9999	333.75	
17				634.9	
18					
19	Agriculture	Animal Culture	SF0-294.09	636.09	
20			SF311-315	636.1-638	
21			SF360-597	636-636.088	
22				639.7	
23				798.8-798.9	
24					
25	Agriculture	Veterinary Medicine	SF600-1100	636.089	
26					
27	Agriculture	Aquaculture & Fisheries	SH0-400	639.2-639.6	
28				639.8	
29					
30	Agriculture	Wildlife Management	SK351-593	639.9	
31					

# Conspectus categories viewed in CARLI\_Reports\_2009a.mdb

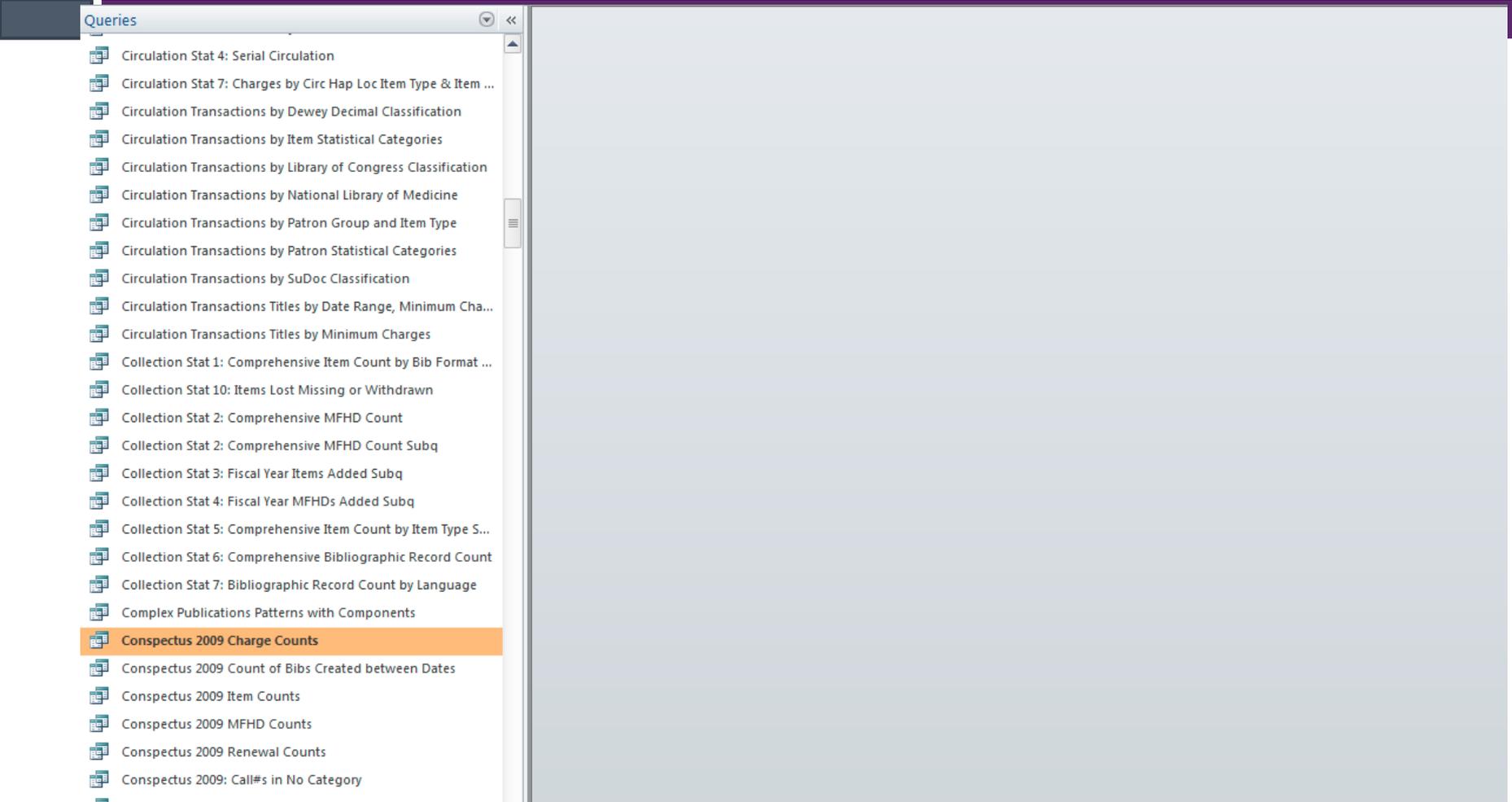
DIVISION	CATEGORY	CALL_NO_R/	LoNum	HiNum	Call_no_typ
Library Science, General	Dictionaries, General Reference	000	000	000.99999	1
Library Science, General	History of Scholarship & Learning	001	001	001.99999	1
Library Science, General	History of Books	002	002	002.99999	1
Mathematics	Mathematical Analysis	003-003.1999	003	003.199999999	1
Mathematics	Probabilities, Math. Stats., Interpolation, Numeri	003.2	003.2	003.299999	1
Computer Science	Special Topics in Computer Science	003.3	003.3	003.399999	1
Computer Science	Cybernetics	003.5-003.55	003.5	003.5599999	1
Mathematics	Probabilities, Math. Stats., Interpolation, Numeri	003.56	003.56	003.5699999	1
Mathematics	Mathematical Analysis	003.7-003.8	003.7	003.899999	1
Computer Science	Computer Science - General	004-004.099	004	004.099999999	1
Computer Science	Special Computers & Systems	004.1-004.15	004.1	004.1599999	1
Computer Science	Computers, General	004.16-004.19	004.16	004.1999999	1
Computer Science	Special Topics in Computer Science	004.2-004.299	004.2	004.29999999	1
Computer Science	Computers, General	004.3-004.35	004.3	004.3599999	1
Computer Science	Special Topics in Computer Science	004.36-004.39	004.36	004.3999999	1
Computer Science	Special Topics in Computer Science	004.4	004.4	004.499999	1
Engineering & Technolo	Electrical Engineering	004.5	004.5	004.599999	1
Computer Science	Computer Networks	004.6-004.609	004.6	004.60999999	1
Engineering & Technolo	Electrical Engineering	004.61	004.61	004.6199999	1
Computer Science	Computer Networks	004.62	004.62	004.6299999	1



# This is all Greek to me...

- What can we learn about our collection with minimal query experience?
  - Information available by using CARLI\_Reports\_2009a.mdb:
    - Age of collection
    - Size of collection
    - Use of collection

# Access Reports Work Area



The screenshot displays the 'Access Reports Work Area' interface. On the left, a 'Queries' panel lists various report options. The 'Conspectus 2009 Charge Counts' query is highlighted with an orange background. The main area on the right is a large, empty light gray rectangle, indicating that the report content is not yet displayed.

**Queries**

- Circulation Stat 4: Serial Circulation
- Circulation Stat 7: Charges by Circ Hap Loc Item Type & Item ...
- Circulation Transactions by Dewey Decimal Classification
- Circulation Transactions by Item Statistical Categories
- Circulation Transactions by Library of Congress Classification
- Circulation Transactions by National Library of Medicine
- Circulation Transactions by Patron Group and Item Type
- Circulation Transactions by Patron Statistical Categories
- Circulation Transactions by SuDoc Classification
- Circulation Transactions Titles by Date Range, Minimum Cha...
- Circulation Transactions Titles by Minimum Charges
- Collection Stat 1: Comprehensive Item Count by Bib Format ...
- Collection Stat 10: Items Lost Missing or Withdrawn
- Collection Stat 2: Comprehensive MFHD Count
- Collection Stat 2: Comprehensive MFHD Count Subq
- Collection Stat 3: Fiscal Year Items Added Subq
- Collection Stat 4: Fiscal Year MFHDs Added Subq
- Collection Stat 5: Comprehensive Item Count by Item Type S...
- Collection Stat 6: Comprehensive Bibliographic Record Count
- Collection Stat 7: Bibliographic Record Count by Language
- Complex Publications Patterns with Components
- Conspectus 2009 Charge Counts**
- Conspectus 2009 Count of Bibs Created between Dates
- Conspectus 2009 Item Counts
- Conspectus 2009 MFHD Counts
- Conspectus 2009 Renewal Counts
- Conspectus 2009: Call#s in No Category

# Conspectus Charge Counts for 2013

313	Medicine	Nursing	RT0-9999	165
314	Performing Arts	The Theater	PN2000-3307	220
315	Sociology	Family, Marriage, Women, Sexu	HQ0-9999	266
316	Music	Music Instruction & Study	MT0-9999	376
317	Music	Literature on Music	ML0-9999	491
318	Performing Arts	Motion Pictures	PN1993-1999	523
319	Language, Linguistics & Literatu	English Literature	PR0-9999	674
320	Music	Instrumental Music	M5-1490	716
321	Language, Linguistics & Literatu	Juvenile Literature, American &	PZ4.2-10.3	719
322	Language, Linguistics & Literatu	American Literature	PS0-7999	1344
323	Music	Vocal Music	M1495-5000	1435
324				

# Item Count by Classification

CLASS	LOCATION_NAME	CountOfITEM
LE	Book Stacks	2
LF	Book Stacks	14
LG	Book Stacks	1
LJ	Archives	3
LJ	Book Stacks	11
LJ	Reference	2
LT	Book Stacks	4
LT	Curriculum Collectio	1
LT	Juvenile Collection	1
M	Archives	16
M	Book Stacks	136
M	Faculty Publications	4
M	Juvenile Collection	15
M	Music Stacks	10540
M	Music Stacks - Mini :	682
M	Oversize Shelves	13
M	Reference	1
M	Special Collections	6
M	Video Stacks	237
ML	Book Stacks	4169
ML	Faculty Publications	5
ML	Index Stacks	42
ML	Juvenile Collection	24
ML	Leisure Reading	6
ML	Music Stacks	21
ML	Oversize Shelves	39
ML	Ready Reference	2





# Using UB\_Stat\_3

- Information that is available via the monthly reports of Universal Borrowing activity provided by CARLI

# UB\_Stat\_3 Example

	C	D	E	F	G	H	I
1	3/4/13	patron grp:	UBReg	GT525 .M323 2003	Classic ten : the true story of	MacDonell Si	Penguin Boo
1	3/8/13	patron grp:	UBReg	OVSIZE. GT605 .H55 2	American menswear : from t	Hill, Daniel D	Texas Tech U
1	3/28/13	patron grp:	UBReg	PS3552.A45 G51988	Giovanni's room /	Baldwin, Jam	Dell,
1	3/21/13	patron grp:	UBReg	TK910.5.K76 A34 198	Grinding it out : the making c	Kroc, Ray, 19	St. Martin's F
1	3/1/13	patron grp:	UBLong	305.4201 T665f	Feminist thought : a more co	Tong, Rosem	Westview Pr
1	3/5/13	patron grp:	UBReg	306.470973 A211d	Definition : the art and desig	Adams, Cey.	Collins Desig
1	3/6/13	patron grp:	UBReg	306.77 G259d	Deviant desires : incredibly s	Gates, Katha	Juno Books,
1	3/28/13	patron grp:	UBReg	306.77 R946d	Drag queens at the 801 Caba	Rupp, Leila J.	University of
1	3/8/13	patron grp:	UBReg	391.016 O48F	Fashion and costume in Ame	Oliver, Valeri	Greenwood f
1	3/7/13	patron grp:	UBLong	428.24 H646c	Classroom instruction that w	Hill, Jane, 19	Association f
1	3/7/13	patron grp:	UBReg	782.421642 R691P19	Jimmie Rodgers : the life and	Porterfield, M	University of
1	3/4/13	patron grp:	UBReg	791.4572 H842c	Chasing zebras : the unoffici	Barnett, Bark	ECW Press,
1	3/4/13	patron grp:	UBReg	792.8097292 N475d	Dance Jamaica : renewal and	Nettleford, R	Ian Randle, P
1	3/21/13	patron grp:	UBReg	812.6 D245w	Wittenberg : a tragical-comic	Davalos, Dav	Oberon Book
1	3/12/13	patron grp:	UBReg	812.6 M154c	Charlie Cox runs with scissor	McKeever, M	Dramatic Pub
1	3/4/13	patron grp:	UBReg	909.82 S446f	Secret histories : hidden trut		Picador,
1	3/22/13	patron grp:	UBReg	959.7 H572C	Cover-up: [the Army's secret	Hersh, Seym	Random Hou
n	3/19/13	patron grp:	UBReg	BS1515.3 .O84 1998	Book of Isaiah.	Oswalt, John	Eerdmans,

# UB\_Stat\_3 + Conspectus Categories

Psychology	Occult Sciences	BF1403-9999	1
Psychology	Parapsychology	131	2
Psychology	Parapsychology	134-135.3	1
Psychology	Psychology	150.2-150.9	1
Psychology	Special Aspects	158.7	1
Sociology	Communities, Classes, Races	305.5	4
Sociology	Communities, Classes, Races	305.9	2
Sociology	Communities, Classes, Races	307.3-307.9	1
Sociology	Communities, Classes, Races	309	1
Sociology	Communities, Classes, Races	326	2
Sociology	Criminology, Criminal Justice	362.28	2
Sociology	Criminology, Criminal Justice	364-365	22
Sociology	Family, Marriage, Women, Sexual Life	305.23-305.29	6
Sociology	Family, Marriage, Women, Sexual Life	305.3-305.4	25
Sociology	Family, Marriage, Women, Sexual Life	306.7-306.81	15
Sociology	Family, Marriage, Women, Sexual Life	306.84-306.9	2
Sociology	Family, Marriage, Women, Sexual Life	363.9	2
Sociology	Family, Marriage, Women, Sexual Life	646.77-646.79	1
Sociology	Family, Marriage, Women, Sexual Life	HQ0-9999	1
Sociology	Social History, Social Problems, Social Reform	307.14	1
Sociology	Social History, Social Problems, Social Reform	HN0-9999	1
Sociology	Social Work, Social & Public Welfare	361.3-361.9	7
Sociology	Social Work, Social & Public Welfare	362.29-363.109	4
Sociology	Sociology, General & Theoretical	301.8-302.1	2
Sociology	Sociology, General & Theoretical	301-301.6	13
Sociology	Sociology, General & Theoretical	302.3-303	15



# Looking forward

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- Cost per use: circulation transactions + invoice line item price
- Box to Shelf time: receipt date + available status
- Other useful queries you can think of?

# Thank you!

- More information:
- <http://www.carli.illinois.edu/products-services/i-share/reports>
- Email: [support@carli.illinois.edu](mailto:support@carli.illinois.edu)