

Collaborative Code Envy: ILS vs. MARC for ACRL Statistics

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Learning Objectives:

- Why MARC does not map to ACRL report categories
- What ILS codes can provide ACRL title and volume counts
- How to map ACRL requirements to report results

Twelve Florida State University System libraries collect statistics every year for the *ACRL Academic Library Trends and Statistics Annual Survey*:

- All use different data collection methods, from electronic macros to tick marks on paper
- All share a common Aleph ILS, but use different collection codes and material type combinations
- In 2019, Technical Services managers collaborated with the centralized Florida Academic Library Services Cooperative (FALSC) to create shared reports that extract data for ACRL statistics

| ACRL REPORT CATEGORIES | INCLUDE | EXCLUDE |
|--------------------------------------|---|---|
| Line 40, Column A (Physical Books) | Print monographs, music scores, and gov docs | Serials, microforms, maps, nonprint |
| Line 40, Column B (eBooks) | Owned/leased, aggregated sets, digitized scores, OA, ETDs | HathiTrust, CRL, Internet Archive, DDA, and PDA |
| Line 41 (Databases) | Open access | Discovery systems |
| Line 42, Column A (Physical Media) | Microforms, audiovisual, maps, graphics, realia | Serial microforms |
| Line 42, Column B (Digital Media) | Media in digital format and streaming media | Serials, image databases and DDA/PDA |
| Line 43, Column A (Physical Serials) | Print periodicals, microform, newspapers, annuals, journals, proceedings, and numbered monographic series | |
| Line 43, Column B (Digital Serials) | Current and ceased titles, open access | |
| Line 40a. Books (Volume Count) | Duplicate copies, bound serial volumes, music scores, and gov docs | Microforms, maps, nonprint |

| ACRL REPORT CATEGORIES | MARC BIB FORMATS |
|--------------------------------------|------------------------|
| Line 40, Column A (Physical Books) | BK, MU |
| Line 40, Column B (eBooks) | BK, MU |
| Line 41 (Databases) | BK, CF, CR, MP, MU, VM |
| Line 42, Column A (Physical Media) | BK, CF, MP, MU, MX, VM |
| Line 42, Column B (Digital Media) | BK, CF, MP, MU, MX, VM |
| Line 43, Column A (Physical Serials) | CF, CR, MP, MU, VM |
| Line 43, Column B (Digital Serials) | CF, CR, MP, MU, VM |
| Line 40a. Books (Volume Count) | BK, CR, MU |

MARC bib format codes were not granular enough to map to ACRL report categories without including complex codes from multiple fields to identify serials, electronic resources, microforms and other material characteristics that meet ACRL requirements. Plus, legacy records in the ILS include both AACR2 and RDA MARC codes.

| MARC BIBLIOGRAPHIC FORMAT MATERIAL TYPE DEFINITIONS | | | |
|---|----------------------|---------------------|---|
| CODE | FORMAT NAME | BIB TYPE | MATERIAL TYPE |
| BK | Books | Monograph | Print, electronic, manuscript, microform textual materials |
| CF | Computer Files | Monograph OR Serial | Software, numeric data, multimedia |
| CR | Continuing Resources | Serial | Print, electronic, manuscript, microform textual materials |
| MP | Maps | Monograph OR Serial | Print, electronic, manuscript, microform cartographic materials |
| MU | Music | Monograph OR Serial | Print, electronic, manuscript, microform music and sound recordings |
| MX | Mixed Materials | Monograph OR Serial | Archival or manuscript collections with mixed forms of materials |
| VM | Visual Materials | Monograph OR Serial | Projected and non-projected media, graphics, 3-D objects, artifacts, kits |
| * | Microforms | Monograph OR Serial | Not a type of record -- coded with primary format characteristic |
| * | Electronic resources | Monograph OR Serial | Not a type of record -- coded with primary format characteristic |

| ALEPH ILS CODES | ACRL CATEGORIES ADDRESSED |
|-----------------|-----------------------------------|
| LOCATION | Title level material type |
| COLLECTION | Title level material type |
| BIB FORMAT | Title level material type |
| MAT TYPE | Item level for print volume count |
| ITEM STATUS | Exclude withdrawn & uncataloged |

Combining MARC Format Codes with ILS Codes helped identify material types for collections that included multiple formats. FALSC developed two reports to extract data from the shared ExLibris ALEPH ILS on demand. A report matrix mapped ACRL categories to material type counts. See the sample below.

| LOC CODE | COLL CODE | BIB FMT | COUNT | ACRL REPORT CATEGORY | COLLECTION NAME | MAT TYPE |
|----------|-----------|---------|---------|--------------------------------------|------------------------|------------|
| NFUCC | GENL | BK | 488,167 | Line 40, Column A (Physical Books) | General Collection | Books |
| NFUCC | GENL | MU | 91 | Line 40, Column A (Physical Books) | General Collection | Music |
| NFUCC | GRNOV | BK | 234 | Line 40, Column A (Physical Books) | Graphic Novels | Books |
| NFUCM | MDSCO | MU | 5,509 | Line 40, Column A (Physical Books) | Media--Music Scores | Scores |
| NFUCC | RFELE | BK | 131 | Line 41 (Databases) | Online--Databases | Electronic |
| NFUCC | ATLS | MP | 175 | Line 42, Column A (Physical Media) | Atlas Collection | Maps |
| NFUCC | FLMAP | MP | 150 | Line 42, Column A (Physical Media) | Florida Docs Maps | Maps |
| NFUCM | MDVDI | VM | 1,546 | Line 42, Column A (Physical Media) | Media--DVD | DVDs |
| NFUCC | PEMFM | BK | 159 | Line 42, Column A (Physical Media) | Periodicals--Microfilm | Microfilm |
| NFUCC | USELE | VM | 353 | Line 42, Column B (Digital Media) | Online--Edocs | Electronic |
| NFUCC | USDC | SE | 2,129 | Line 43, Column A (Physical Serials) | Government Docs | Serial |
| NFUCC | PERI | SE | 4,249 | Line 43, Column A (Physical Serials) | Periodicals--Print | Serial |
| NFUCC | USELE | SE | 5,305 | Line 43, Column B (Digital Serials) | Online--Edocs | Electronic |