

Appendix B: Changes from Previous Releases

1 CHANGES FROM COUNTER RELEASE 4 (R4)

Changes in the nature of online content and how it is accessed has resulted in the COUNTER Code of Practice evolving in an attempt to accommodate those changes. This evolution resulted in some ambiguities and, in some cases conflicts and confusions within the code of practice. Release 5 (R5) of the COUNTER Code of Practice is focused on improving the clarity, consistency and comparability of usage reporting.

1.1 List of Reports

Release 5 of the COUNTER Code of Practice reduces the overall number of reports by replacing many of the special-purpose reports that are seldom used with general reports that are flexible. All COUNTER R4 reports have either been renamed or eliminated in favour of other COUNTER R5 report options.

COUNTER R4 report	COUNTER R5 report/status	Comments
Book Report 1: Number of Successful Title Requests by Month and Title	Book Requests (Excluding OA_Gold)	The Unique_Title_Requests is equivalent to the full text requests in Book Report 1.
Book Report 2: Number of Successful Section Requests by Month and Title	Book Requests (Excluding OA_Gold)	The Total_Item_Requests is equivalent to full text requests in Book Report 2.
Book Report 3: Access Denied to Content Items by Month, Title and Category	Book Access Denied	Limit_Exceeded and No_License metrics are equivalent to those found in Book Report 3
Book Report 4: Access Denied to Content items by Month, Platform and Category	Platform Master Report	Access denied statistics at the platform level can be retrieved using the Platform Master Report.
Book Report 5: Total Searches by Month and Title	Eliminated (no equivalent)	For most platforms, attempting to track searches by titles is not reasonable since all titles are included in most searches.
Book Report 7: Number of Successful Unique Title Requests by Month and Title in a Session	Book Requests (Excluding OA_Gold)	The Unique_Title_Requests is equivalent to the full text requests in Book Report 7

Consortium Report 1: Number of successful full-text journal article or book chapter requests by month and title	Eliminated	Consortium administrators will request “Journal Requests (Excluding OA_Gold)” for each member. This can be automated via SUSHI using the /members path. Tools will be provided to create consolidated reports that are functionally equivalent to Consortium Report 1.
Consortium Report 2: Total searches by month and database	Eliminated	Consortium administrators will request “Database Usage” for each member. This can be automated via SUSHI using the /members path. Tools will be provided to create consolidated reports that are functionally equivalent to Consortium Report 1.
Consortium Report 3: Number of Successful Multimedia Full Content Unit Requests by Month and Collection	Eliminated	For multimedia collection that or equivalent to databases, consortium administrators will request “Database Usage” for each member. This can be automated via SUSHI using the /members path. Tools will be provided to create consolidated reports that are functionally equivalent to Consortium Report 1.
Database Report 1: Total Searches, Result Clicks and Record Views by Month and Database	Database Usage	Result Clicks and Record Views have been replaced by Total_Item_Investigations. Metrics for regular searches remains unchanged, federated and automated searches are now reported separately. Report also includes access denied and full text metrics.
Database Report 2: Access Denied by Month, Database and Category	Database Access Denied	Report renamed and updated metric types used
Journal Report 1: Number of Successful Full-Text Article Requests by Month and Journal	Journal Requests (Excluding OA_Gold)	Total_Item_Requests is the equivalent to full text total. Html and pdf totals have been eliminated; however, Unique_Item_Requests provides a method evaluating the effect of the user interface on statistics and offers a comparable statistics for cost-per-unique-use analysis.
Journal Report 1 GOA: Number of Successful Gold Open Access Full-Text Article Requests by Month and Journal	Title Master Report	The Title Master Report can be filtered by Access_Type=OA_Gold AND Metric_Type=Total_Item_Requests to obtain equivalent results.
Journal Report 1a: Number of Successful Full-Text Article Requests from an Archive by Month and Journal	Journal Requests by YOP (Excluding OA_Gold)	The R5 report breaks out usage by year of publication to enable evaluation of usage of content for which perpetual access rights are available.

Journal Report 2: Access Denied to Full-Text Articles by Month, Journal and Category	Journal Access Denied	The Limit_Exceeded and No_license metrics are equivalent to corresponding metrics in R4 report.
Journal Report 3: Number of Successful Item Requests by Month, Journal and Page-type	Title Master Report	The Title Master Report can be configured to show Section_Types, which provides details similar to JR5.
Journal Report 3 Mobile: Number of Successful Item Requests by Month, Journal and Page-type for usage on a mobile device	Eliminated (no equivalent)	Capturing usage by mobile devices is less relevant with the responsive design of most sites. The variety of "mobile" devices also make it difficult to categorize given today's smartphones have screen resolutions that exceed those of some desktops.
Journal Report 4: Total Searches Run By Month and Collection	Eliminated (no equivalent)	To the extent that a journal collection is organized for searching as a discrete collection (rare), usage would be reported in a Database Usage Report.
Journal Report 5: Number of Successful Full-Text Article Requests by Year-of-Publication (YOP) and Journal	Journal Requests by YOP (Excluding OA_Gold)	This R5 report offers a breakdown of journal usage by YOP and the resulting report can be analysed using filters or pivot tables.
Multimedia Report 1: Number of Successful Full Multimedia Content Unit Requests by Month and Collection	Database Usage	Multimedia usage, where multimedia is packaged and accessed as separate collections, would be reported using a Database Usage.
Multimedia Report 2: Number of Successful Full Multimedia Content Unit Requests by Month, Collection and Item Type	Item Report 1: Usage by Month and Item	The Item Report provides a more detailed breakdown by item and includes attributes such as Data_Type. This report can be used to provide summary statistics by type.
Platform Report 1: Total Searches, Result Clicks and Record Views by Month and Platform	Platform Usage	The R5 report provides equivalent metrics as well as additional metrics related to item full text requests.
Title Report 1: Number of Successful Requests for Journal Full-Text Articles and Book Sections by Month and Title	Title Master Report	The Title Master Report offers a single report for books and journals and include the options to show the usage broken down by section type.
Title Report 1 Mobile: Number of Successful Requests for Journal Full-Text Articles and Book Sections by Month and	Eliminated (no equivalent)	Capturing usage by mobile devices is less relevant with the responsive design of most sites. The variety of "mobile" devices also make it difficult to

Title (formatted for normal browsers/delivered to mobile devices AND formatted for mobile devices/delivered to mobile devices)		categorize given today's smartphones have screen resolutions that exceed those of some desktops.
Title Report 2: Access Denied to Full-Text Items by Month, Title and Category	Title Master Report	The Title Master Report offers a single report for books and journals and include the options to show access denied metrics.
Title Report 3: Number of Successful Item Requests by Month, Title and Page Type	Title Master Report	The Title Master Report offers a single report for books and journals and include the options to show the usage broken down by section type and show all relevant metric types.
Title Report 3 Mobile: Number of Successful Item Requests by Month, Title and Page Type (formatted for normal browsers/delivered to mobile devices AND formatted for mobile devices/delivered to mobile devices)	Eliminated (no equivalent)	Capturing usage by mobile devices is less relevant with the responsive design of most sites. The variety of "mobile" devices also make it difficult to categorize given today's smartphones have screen resolutions that exceed those of some desktops.

1.2 Report Format

With R5, all COUNTER reports are structured the same way to ensure consistency between reports as well as between the SUSHI and tabular versions of the reports. All reports will share the same format for the header, the report body is derived from the same set of element names, total rows have been eliminated and data values in the report will be consistent between the SUSHI and tabular versions -- see section 3.2. Release 5 addresses a problem where terminology and report layouts varied from report to report and where SUSHI and tabular versions of the same report could produce different results and still be compliant.

1.3 Metric Types

Release 5 of the COUNTER code of practice strives for simplicity and clarity by reducing the number of metric types and applying these metric types across all reports, as applicable. With R4, book reports had metric types that could be considered different from metric types in journal reports and metric types attempted to reflect additional attributes such as mobile usage, usage by format, etc. Most COUNTER R4 metric types have either been renamed or eliminated in favor of new R5 metric types. The table below show the COUNTER R4 metric types as documented for SUSHI and their R5 state.

COUNTER R4 Metric Types	COUNTER R5 equivalence or status	Comments
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abstract	Total_Item_Investigations Unique_Item_Investigations Unique_Title_Investigations	Actions against an item are tracked using the more generic “Total_Item_Investigations” metrics. Due to the variety of types of item attributes that can be “investigated” COUNTER no longer attempts to track with separate metric types.
audio	Eliminated	This metric was only used in JR3/TR3 reports which saw little implementation or use. The intent was to represent activity of objects embedded in articles.
data_set	Eliminated	When a content-item is a data_set, the “Total_Item_Requests” metrics would be used in combination with a Data_Type of “DataSet”.
ft_epub	Total_Item_Requests Unique_Item_Requests Unique_Title_Requests	More generic “Total_Item_Requests” are now used in place of format-specific metrics.
ft_html	Total_Item_Requests Unique_Item_Requests Unique_Title_Requests	More generic “Total_Item_Requests” are now used in place of format-specific metrics.
ft_html_mobile	eliminated	Tracking of activity by mobile devices is no longer required for COUNTER compliance.
ft_pdf	Total_Item_Requests Unique_Item_Requests Unique_Title_Requests	More generic “Total_Item_Requests” are now used in place of format-specific metrics.
ft_pdf_mobile	eliminated	Tracking of activity by mobile devices is no longer required for COUNTER compliance.
ft_ps	Total_Item_Requests Unique_Item_Requests Unique_Title_Requests	More generic “Total_Item_Requests” are now used in place of format-specific metrics.
ft_ps_mobile	eliminated	Tracking of activity by mobile devices is no longer required for COUNTER compliance.
ft_total	Total_Item_Requests	Total_Item_Requests is a comparable metric.
image	Eliminated	This metric was only used in JR3/TR3 reports which saw little implementation or use. The intent was to represent activity of objects embedded in articles.
multimedia	Total_Item_Requests Unique_Item_Requests Unique_Title_Requests	More generic “Total_Item_Requests” are now used in place of format-specific metrics.

no_license	no_license	No change
other	eliminated	“other” usage provides no value.
podcast	Eliminated	This metric was only used in JR3/TR3 reports which saw little implementation or use. The intent was to represent activity of objects embedded in articles.
record_view	Total_Item_Investigations Unique_Item_Investigations Unique_Title_Investigations	Actions against an item are tracked using the more generic “Total_Item_Investigations” metrics. Due to the variety of types of item attributes that can be “investigated” COUNTER no longer attempts to track with separate metric types.
reference	Total_Item_Investigations Unique_Item_Investigations Unique_Title_Investigations	Actions against an item are tracked using the more generic “Total_Item_Investigations” metrics. Due to the variety of types of item attributes that can be “investigated” COUNTER no longer attempts to track with separate metric types.
result_click	Total_Item_Investigations Unique_Item_Investigations Unique_Title_Investigations	Actions against an item are tracked using the more generic “Total_Item_Investigations” metrics. Due to the variety of types of item attributes that can be “investigated” COUNTER no longer attempts to track with separate metric types.
search_fed	Searches_Federated Searches__Automated	The R4 automated and federated search metrics have been separated in two separate metrics since the nature of the activity is very different.
search_reg	searches_regular searches_platform	For database reports, use “searches_regular”. When reporting at the platform level use “searches_platform”
sectioned_html	Total_Item_Requests Unique_Item_Requests Unique_Title_Requests	More generic “Total_Item_Requests” are now used in place of format-specific metrics.
toc	Total_Item_Investigations Unique_Item_Investigations Unique_Title_Investigations	Actions against an item are tracked using the more generic “Total_Item_Investigations” metrics. Due to the variety of types of item attributes that can be “investigated” COUNTER no longer attempts to track with separate metric types.
turnaway	Limit_Exceeded	Renamed to provide more clarity into the nature of the access denied event.

video	Eliminated	This metric was only used in JR3/TR3 reports which saw little implementation or use. The intent was to represent activity of objects embedded in articles.
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1.3 New elements and attributes introduced

With Release 4 the nature of the usage sometimes had to be inferred based on the name of the report. In an effort to provide more consistent and comparable reporting, Release 5 introduces some additional attributes that content providers will track with the usage and use to offer breakdowns and summaries of usage.

Attribute	Description	Values
Access_Type	Used in conjunction with Item_Requests, this attribute indicates if, at the time of the request, access to the item was controlled (e.g. subscription or payment required) or was available as open access other free-to-read option.	Controlled OA_Delayed [reserved for future] OA_Gold Other_Free_to_Read
Access_Method	This attribute is currently used to distinguish between regular usage (users accessing scholarly information for research purposes) and usage for the purpose of Text and Data Mining (TDM).	Regular TDM
Data_Type	Used to generally classify the nature of item usage is being presented for.	Article Book Book Segment Collection Database Dataset Journal Multimedia Newspaper or Newsletter Other Platform Report Repository Item Dissertation or Thesis
Publisher_ID	A unique identifier for the publishers, preferable a standard identifier such as ISNI. For SUSHI version of the report, the type and value are separate. For tabular, the format is <i>type=format</i>	isni=123334445
Section_Type	Used in conjunction with Data_Type, this attribute tracks requests to the level of the section requested. Used mostly with eBooks where content may be delivered by	Article Book Chapter

	chapter or section, this element defines the nature of the section retrieved.	Other Section
YOP	Used in conjunction with Item_Requests, this attribute records the year of publication of the item. The YOP attribute replaces the year-of-publication ranges in COUNTER R4's JR5 report.	A 4-digit year, e.g. 2012 0001 for Unknown 9999 for Articles in Print