

Individual Object Statistics Reports for Faculty and Research Collection

Purpose - Individual Object Statistics Reports:

In RUCore public record display, provide a link to view the record's statistics for file downloads, full record view and top country views. Embargoed datastreams will not have their access statistics displayed.

Statistics Reports Screen 1:

The figure 1 shows the record's statistics by clicking "View Impact Statistics". The result has "Total visits" and "File Downloads" two sessions. "Total visits" would signify a view resulting from a handle/citation URL visit to the "showfed" page and the full record view. "File Downloads" would signify a PDF file downloads based on the date when the object is ingested.

Total Visits

	Views	
Test record to practice de-duping duplicate faculty collections	460	Top CountryView

File Downloads

	Views	
PDF- 1	127	Top CountryView
PDF - 2	27	Top CountryView

Figure 1

- We will list all DataStream IDs (PDF-1, PDF-2, Jpeg-1 etc.) for file downloads. For example, we will show pdf-1 and pdf-2 separately.

Statistics Reports Screen 2:

By clicking on the right side link "Top Country View", you will get the figure2 below and it shows the download for PDF-1. In this screen, we will show both a pie chart and a table view and limit to the top ten countries. The remaining data will be shown as "Other".

Individual Object Statistics Reports for Faculty and Research Collection

Type	Views	
PDF- 1	127	Top Countries
		Views
United States of America	46	
Brazil	17	
China	17	
Germany	11	
India	9	
Russian Federation	8	
Indonesia	5	
United Kingdom	4	
Ukraine	3	
Spain	2	
other	5	

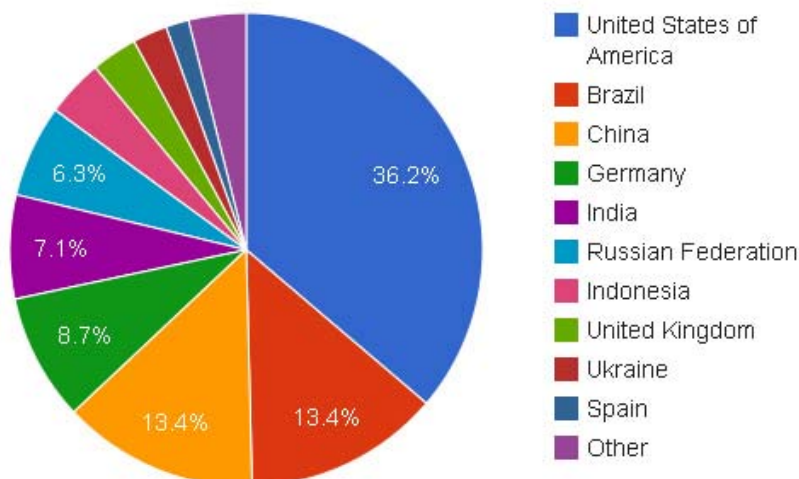


Figure 2

- There is a link to the statistics display will be shown on the full record and showed.
- For use of the commercial database*, we recommended that we take the option of paying for 2 million queries for a price of \$200. We will use their service to update our three databases.

Implementation:

Database:

- Add field datastream_ID to stats_downloads table and pre-populate this field based on the file types
- Add field countryCode to stats_identity table and pre-populate this field based on the IP address using the commercial Geo database.

Stats API:

- Update DB method: update the download statistics and full record view by calling this method. While the user is viewing the a search result full record display or a record through a persistent URL, "Record" will be stored in the datastream_ID field. While the user is downloading a PDF or Jpeg etc., "PDF-1" or "JPEG-

Individual Object Statistics Reports for Faculty and Research Collection

1" will be stored in the datastream_ID field for stats_downloads. In the meantime countryCode will be updated for stats_identity table by using the commercial Geo database.

- View Stats method: Retrieve stats information for an object based on the user's pick and display it in the same window frame by calling the view stats API method. This method will provide the total view and file downloads information and details of the top countries views.

RUcore Display:

- When viewing a resource in a portal that has statistics viewing enabled a link to "View Impact Statistics" will be offered. This is expected in both the search result full record display and a handle resolution record view.
- Information icons and "help" text will be provided next to the Total Visits and File Downloads headings.
- The link to the "View Impact Statistics" will result in an AJAX call that will obtain relevant statistics using the appropriate Statistics API methods. Once obtained those statistics will be displayed on screen to the user.
- The display and format of the statistical report must follow the figures shown in the specification.
- When viewing a search result full record display or a record through a persistent URL resolution that visit must be logged with the Statistics API.

* **Commercial Geodatabase:** <http://www.maxmind.com> Educational Institutions: 30%

If you're looking for more accurate IP Address Lookups, a commercial database maintains a great level of accuracy. GeolP Country database is a more accurate version. It determines the Internet visitor's country based on the IP address.

Product Price: \$50 for site license

with Updates: \$12 per month

GeolP City Database, determines country, region, city, US postal code, US metro code, latitude, and longitude for IP addresses worldwide. The downloadable database is only available to established businesses.

Product Price: \$370 for site license

with Updates: \$90 per month

Also we can get the Web Services from them without databases or software to install. The web services are based on the HTTP protocol. See the price below:

GeolP Country Web Service: 200,000 queries / \$20

GeolP Country Edition Web Service, 2,000,000 queries \$200.00

GeolP City/ISP/Organization Web Service: 50,000 queries / \$20