



Orientation for the *Upgraded* PURL Reporting System

This is a self-paced overview for FDLP Librarians
on the PURL Reporting System.

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Updated 03 June 2016

U.S. GPO is upgrading the PURL Reporting System to deliver improved reporting & analytics to members of the Federal Depository Library Program.



Questions?

Please email James Mauldin, jmauldin@gpo.gov.

How this overview is organized

- First, we'll do a quick overview of the new features.
- Next, we'll do a step-by-step walk through where you can login to the system and try out the new functionality.
- This overview should take between 30-45 minutes to review and complete 9 interactive exercises.

If you have any questions or feedback on this overview, please email jmauldin@gpo.gov. Thanks!

PURL Reporting Enhancements Overview

- *PURL Reporting now runs like subscription service*
 - Up to 10 hostnames and IP addresses can be set up (by each library)
 - Monthly and historic reports are saved automatically
 - Reports are downloadable for up to 12 months
- *Expanded reporting*
 - All PURL referrals resolved during the reporting period, listed one per line
 - PURL resolution date and timestamp
 - PURL ID (unique identifier) and Target URL (address user sees), plus CGP metadata (i.e, SuDoc number, Title, Author, Year)
- *New reports*
 - All PURL referrals listed by host
 - Top 50 PURL referrals by target URL
- *Reports are downloadable as CSV to allow for custom analysis*

FDLP PURL Referrals

View PURL referral statistics for your institution using the form below. Data is compiled through the previous day for the current month. Historical data is available for a maximum of 12 months. Historical and monthly cumulative reports are available in the [file repository](#) of the FDLP Desktop.

Detailed information about PURL referral logic and computation can be found on the [FDLP.gov Web site](#).

1. Select Timeframe

February 2016

2. Enter Your Hostname(s)

Enter up to 10 combinations below. Use an asterisk (*) as a

(Enter a maximum of 10 entries)

.comcast., *.berkeley.edu, 132.194.3.*

Generate Report

FDLP PURL Referrals

Results for February 2016

Hostname/IP Address	Referrals
.comcast.	2346
*.berkeley.edu	309
132.194.3.*	410
Total	3065

[Export results in CSV format](#)

[<- New Search](#)

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FDLP PURL Referrals

Detailed Report

.comcast. received a total of 2346 referral(s) for February 2016. The following is a listing of referred PURL resources (maximum 50).

PURL	Target URL	# of Referrals
/GPO/LPS71753	http://permanent.access.gpo.gov/lps71753/insurers.pdf	18
/GPO/LPS365	http://www.epa.gov/nscep/	8
/GPO/LPS32988	http://permanent.access.gpo.gov/lps32988/niaid+lymedisbookf2.pdf	6
/GPO/gpo25035	http://www.bls.gov/ooh/	6
/GPO/LPS64369	http://www.gpo.gov/fdsys/pkg/CRPT-109hrpt226/pdf/CRPT-109hrpt226.pdf	6
/GPO/LPS89016	http://www.airspacemag.com/ist/?next=/	6

You may recall the original interface

What is new with PURL Reporting for FDLP Libraries?

- *The PURLs Reporting System now has a modern web-based user interface*
- *The Library Dashboard has improved features*
 - Customizable - Create and edit “patterns” of interest to your library
 - For example, now you can set up patterns, for example *.berkeley.edu*, *.comcast.*, 132.194.3.* and have reports automatically run each month.
 - Immediate validation of search patterns using a test report in real time
 - The “Note” field has been added as a memory aid for users
- *Expanded reporting capabilities*
 - CGP metadata, e.g., SuDoc, title, author and year are now automatically included
 - Reports are created automatically at the end of each month
 - Historic reports are available for 12 months, see “Available Reports”

Welcome to the upgraded GPO PURL Reporting System

The page has been renamed "[FDLP PURL Usage](#)" (previously [FDLP PURL Referrals](#))



Federal Depository Library Program
FDLP PURL Usage

Home

[PURL Usage](#)

[Library Report Dashboard](#)



This site provides reports on PURLs usage and is operated by the U.S. Government Publishing Office.

- Technical questions? Ask a question through [askGPO](#)

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New features for the familiar referrals reporting system

- More functionality
- Better validation
- Faster performance
- Modern tabbed user interface (rounded corners)

Library Details

FDL # gpo

Institution: U.S. Government Publishing Office

Contact: [REDACTED]

Library: Test library

Email: [REDACTED]

Hostname / IP address registration

Register a set of up to 10 hostname or IP address patterns (full or partial) for your institution here to receive monthly reports of all PURL referrals from those hosts. Data is compiled through the previous day for the current month. Historical data is available for a maximum of 12 months. Historical and monthly cumulative reports are available in the [file repository](#) of the FDLP Desktop.

Detailed information about PURL referral logic and computation can be found on the [FDLP.gov Web site](#).

Use an asterisk (*) as a wildcard to replace any component of the pattern. Search examples: [www.lib.purdue.edu](#), [*.udel.edu](#), [141.217.41.27](#), [203.117.*.*](#), [*.libguides.*](#). You may use the note field as a reminder of what a particular pattern is for.

The following patterns are registered for your library

Pattern	Note
.comcast.	
*.berkeley.edu	
162.140.*.*	US GPO
144.37.*.*	
..csusm.edu	

Usage Reports



Federal Depository Library Program
FDLP PURL Usage

New reports!

1. All PURL referrals by host
2. Top 50 PURL referrals

Select a month and click on **“Get Report”**

Home

PURL Usage

Library Report Dashboard

PURL Usage Reports

All PURL referrals (by host):

Month:

[Get Report](#)

Top 50 PURL referrals (by target):

Month:

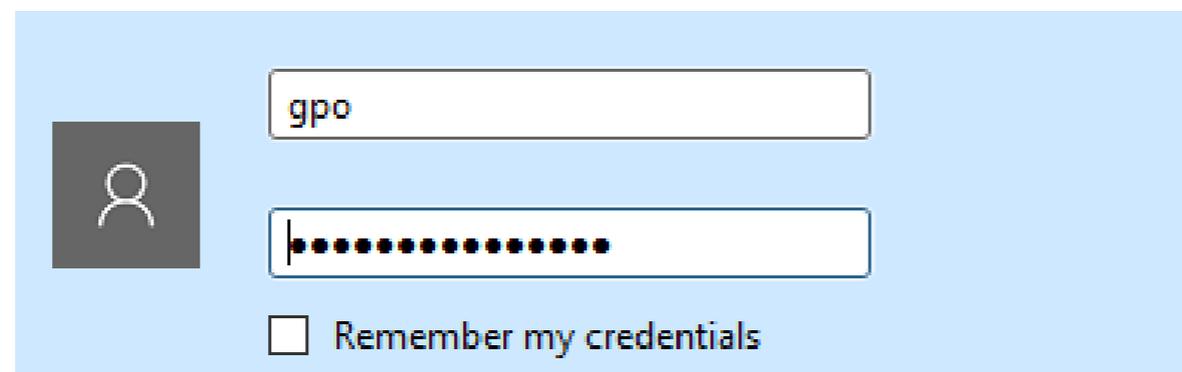
[Get Report](#)

Let's start by logging in to the PURL Referrals System

<http://purlreferrals.fdlp.gov>

Exercise #1

Sign in to the FDL PURL system using your existing GPO assigned credentials.



gpo

.....

Remember my credentials

OK

Cancel

We're logged in as user name "gpo" in this example. You should enter your FDL username and password (issued by GPO), and click on "OK".

Note: This form varies in different browsers. Select "Remember..." if you wish to have details stored for future use.

Please send questions or feedback to jmauldin@gpo.gov

Next, you should see this landing page.

If you have trouble logging in, please email jmauldin@gpo.gov



Federal Depository Library Program FDLP PURL Usage

Home

PURL Usage

Library Report Dashboard



Click on the **Library Report Dashboard** tab

This site provides reports on PURLs usage and is operated by the U.S. Government Publishing Office.

- Technical questions? Ask a question through [askGPO](#)

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Library Details

FDL # gpo
Institution: U.S. Government Publishing Office
Contact: [REDACTED]

Library: Test library
Email: [REDACTED]

Exercise #2

Please confirm that **your** FDL#, institution name and contact name and email are accurate.

Hostname / IP address registration

Register a set of up to 10 hostname or IP address patterns (full or partial) for your institution here to receive monthly reports of all PURL referrals from those hosts. Data is compiled through the previous day for the current month. Historical data is available for a maximum of 12 months. Historical and monthly cumulative reports are available in the [file repository](#) of the FDLP Desktop.

Detailed information about PURL referral logic and computation can be found on the [FDLP.gov Web site](#).

Use an asterisk (*) as a wildcard to replace any component of the pattern. Search examples: www.lib.purdue.edu, *.udel.edu, 141.217.41.27, 203.117.*.*, *.libguides.*. You may use the note field as a [REDACTED] for.

The following patterns are registered for your library

Pattern	Note
.comcast.	
.charter.	
.windstream.	

Exercise #3

Next, let's add a new pattern. Click on the **green "Edit"** button.

Note: If you're adding your first pattern, the table will already be in edit mode. We added patterns here as examples.

Edit

Select a month to get a test report now: -- Choose --

Available reports



Library Details

FDL # gpo

Institution: U.S. Government Publishing Office

Contact: [REDACTED]

Library: Test library

Email: [REDACTED]

Hostname / IP address registration

Register a set of up to 10 hostname or IP address patterns (full or partial) for your institution here to receive monthly reports of all from those hosts. Data is compiled through the previous day for the current month. Historical data is available for a maximum of 1 Historical and monthly cumulative reports are available in the [file repository](#) of the FDLP Desktop.

Detailed information about PURL referral logic and computation can be found on the [FDLP.gov Web site](#).

Use an asterisk (*) as a wildcard to replace any component of the pattern. Search examples: www.lib.purdue.edu, *.udel.edu, 141.203.117.*, *.libguides.*. You may use the note field as a reminder of what a particular pattern is for.

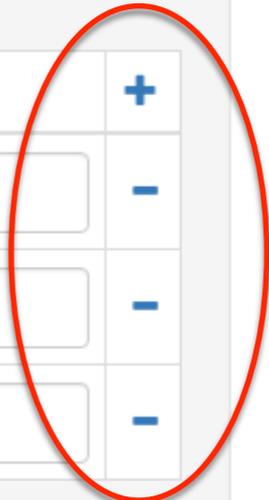
Enter Your Hostname(s) and/or IP Address(es)

Enter **up to 10 combinations** of full or partial hostnames and/or IP addresses in the table below. Click the **+** in the header to add new rows.

Use an asterisk (*) as a wildcard. Search examples: www.lib.purdue.edu, *.udel.edu, 141.217.41.27, 203.117.*

Pattern	Note	
<input type="text" value="*.comcast.*"/>	<input type="text" value="Optional note"/>	<input type="checkbox"/> +
<input type="text" value="*.charter.*"/>	<input type="text" value="Optional note"/>	<input type="checkbox"/> -
<input type="text" value="*.windstream.*"/>	<input type="text" value="Optional note"/>	<input type="checkbox"/> -

Exercise #4
Notice the + and - icons to add or remove a row. Go ahead and click on "+" to create a new pattern.



Save

Cancel



Library Details

FDL # gpo

Institution: U.S. Government Publishing Office

Contact: [Redacted]

Library: Test library

Email: [Redacted]

Hostname / IP address registration

Register a set of up to 10 hostname or IP address patterns (full or partial) for your institution here to receive monthly reports of all PURL referrals from those hosts. Data is compiled through the previous day for the current month. Historical data is available for a maximum of 12 months. Historical and monthly cumulative reports are available in the [file repository](#) of the FDLP Desktop.

Detailed information about PURL referral logic and computation can be found on the [FDLP.gov Web site](#).

Use an asterisk (*) as a wildcard to replace any component of the pattern. Search examples: www.lib.purdue.edu, *.udel.edu, 141.217.41.27, 203.117.*.*, *.libguides.*. You may use the note field as a reminder of what a particular pattern is for.

Enter Your Hostname(s) and/or IP Address(es)

Enter up to 10 combinations of full or partial hostnames and/or IP addresses in the table below. Click the + in the header to add new rows. Use an asterisk (*) as a wildcard. Search examples: www.lib.purdue.edu, *.udel.edu, 141.217.41.27, 203.117.*.*

Pattern	Note	
<input type="text" value="*.comcast.*"/>	<input type="text" value="Optional note"/>	+
<input type="text" value="*.berkeley.edu"/>	<input type="text" value="Optional note"/>	-
<input type="text" value="162.140.*.*"/>	<input type="text" value="Optional note"/>	-

I added berkeley.edu and an IP address. Next click on the green "Save" button.

Select a month to get a test report now:



Home

PURL Usage

Library Report Dashboard

Library Details

FDL # gpo

Institution: U.S. Government Publishing Office

Contact: [REDACTED]

Library: Test library

Email: [REDACTED]

Hostname / IP address registration

Register a set of up to 10 hostname or IP address patterns (full or partial) for your institution here to receive monthly reports of all PURL referrals from those hosts. Data is compiled through the previous day for the current month. Historical data is available for a maximum of 12 months. Historical and monthly cumulative reports are available in the [file repository](#) of the FDL.

Detailed information about PURL referral logic and computation can be found on the [FDLP PURL Usage](#) page.

Use an asterisk (*) as a wildcard to replace any component of the pattern. Search examples: *.comcast.*, *.libguides.*. You may use the note field as a reminder of what a particular pattern is for.

The following patterns are registered for your library

Pattern	Note
.comcast.	
*.berkeley.edu	
162.140.*.*	US GPO

Exercise #5 - Next, let's add a Note so we remember what IP address this is. Select "Edit", enter a Note and click on green "Save" button.

Edit

Select a month to get a test report now: -- Choose --

Generate Report

Available reports



Library Details

FDL # gpo

Institution: U.S. Government Publishing Office

Contact: [REDACTED]

Library: Test library

Email: [REDACTED]

Hostname / IP address registration

Register a set of up to 10 hostname or IP address patterns (full or partial) for your institution here to receive monthly reports of all PURL referrals from those hosts. Data is compiled through the previous day for the current month. Historical data is available for a maximum of 12 months. Historical and monthly cumulative reports are available in the [file repository](#) of the FDLP Desktop.

Detailed information about PURL referral logic and computation can be found on the [FDLP.gov Web site](#).

Use an asterisk (*) as a wildcard to replace any component of the pattern. Search examples: [www.lib.purdue.edu](#), [*.udel.edu](#), [141.217.41.27](#), [203.117.*.*](#), [*.libguides.*](#). You may use the note field as a reminder of what a particular pattern is for.

The following patterns are registered for your library

Pattern
.comcast.
*.berkeley.edu
162.140.*.*

Edit

Select a month to get a test report now:

-- Choose --

Generate Report

Available reports

Voila! These patterns will be included in future reports automatically run on your behalf.

Next, select a month and generate a *test* report with your saved patterns.



Library Details

FDL # gpo
Institution: U.S. Government Publishing Office
Contact: [REDACTED]

Library: Test library
Email: [REDACTED]

Hostname / IP address registration

Register a set of up to 10 hostname or IP address patterns (full or partial) for your institution here to receive reports from those hosts. Data is compiled through the previous day for the current month. Historical data is available in the file repository. Historical and monthly cumulative reports are available in the file repository of the FDLP Desktop.

Detailed information about PURL referral logic and computation can be found on the [FDLP.gov Web site](#).

Use an asterisk (*) as a wildcard to replace any component of the pattern. Search examples: www.lib.purdue.edu, 203.117.*.*, *.libguides.*. You may use the note field as a reminder of what a particular pattern is for.

The following patterns are registered for your library

Pattern	
.comcast.	
*.berkeley.edu	
162.140.*.*	US GPO

Edit

Select a month to get a test report now: February 2016

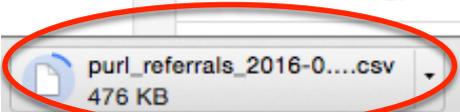
Available reports

Report	Month/Year	Size
purl_referrals_gpo_2016-03.csv	Mar 2016	63 B
purl_referrals_gpo_2016-02.csv	Feb 2016	1.29 MB

Exercise #6 - We will run a test report in realtime to ensure our patterns are valid. Select a month and click on the blue "Generate Report" button.

A CSV file with the test report will automatically download (to the location defined in your browser preferences).

In the future, reports with your library's patterns will be generated at the beginning of each month for the preceding month.



Show All x

Edit

Select a month to get a test report now: February 2016 Generate Report

Available reports

Report	Month/Year	Size
purl_referrals_gpo_2016-02.csv	Feb 2016	1.29 MB
purl_referrals_gpo_2016-01.csv	Jan 2016	951.62 kB
purl_referrals_gpo_2015-12.csv	Dec 2015	1.17 MB
purl_referrals_gpo_2015-11.csv	Nov 2015	2.21 MB
purl_referrals_gpo_2015-10.csv	Oct 2015	1.46 MB
purl_referrals_gpo_2015-09.csv	Sep 2015	1.12 MB
purl_referrals_gpo_2015-08.csv	Aug 2015	932.33 kB
purl_referrals_gpo_2015-07.csv	Jul 2015	641.37 kB
purl_referrals_gpo_2015-06.csv	Jun 2015	1.81 MB
purl_referrals_gpo_2015-05.csv	May 2015	769.7 kB
purl_referrals_gpo_2015-04.csv	Apr 2015	2.08 MB
purl_referrals_gpo_2015-03.csv	Mar 2015	1.1 MB

Exercise #7

Click the link to the report you've generated. It automatically downloads the CSV file to the location set in your Web browser preferences.

Note: Up to 12 months of PURL Usage Reports are saved for your library.

purl_referrals_gpo_20....csv

All x

A	B	C	D	E	F	G	H
Timestamp	Host	PURL	Target	SuDoc Number	Title	Author	Year
2/1/16 0:24	c-73-52-15-242.hsd1.pa.comcast.net	/GPO/gpo57940	http://www.gpo.gov	Y 4.C 73/7:S.HRG.113-	Cruise industry oversig	United States.Congress.	2015
2/1/16 0:30	c-76-123-56-3.hsd1.va.comcast.net	/GPO/LPS114842	http://www.nrel.gov	E 9.22:NREL/PR-540-4:	Thermal evaluation of	Lustbader, Jason.	2008
2/1/16 1:50	ucbvnp-208-66.vpn.berkeley.edu	/GPO/LPS59322	http://lcweb2.loc.gov	LC 1.54/3-2:J 23	The James Madison pa	Madison, James,	1723
2/1/16 2:11	c-76-101-182-164.hsd1.fl.comcast.net	/GPO/LPS14822	http://permanent.	HE 20.3965/2:H 15	Hallucinogens and dissociative drugs : including		2001
2/1/16 2:57	c-98-235-180-238.hsd1.pa.comcast.net	/GPO/gpo18569	http://www.gpo.gov	Y 4.ED 8/1:112-48	Keeping college within	United States.Congress.	2012
2/1/16 6:07	c-73-222-100-172.hsd1.ca.comcast.net	/GPO/LPS25587	http://permanent.	ED 1.310/2:447199	Using critical thinking t	Brem, Sarah K.	2000
2/1/16 6:14	c-68-62-196-23.hsd1.fl.comcast.net	/GPO/LPS117983	http://permanent.	Y 3.L 71:2 R 22/2009	Put reading first [electr	Armbruster, Bonnie B.	2009
2/1/16 7:58	24-151-116-60.dhcp.nwtn.ct.charter.com	/GPO/gpo62962					
2/1/16 8:00	c-73-142-230-85.hsd1.ma.comcast.net	/GPO/LPS106136	http://permanent.	E 1.96/3:	Currents [electronic re	Los Alamos National Lab	2008
2/1/16 8:20	24-151-116-60.dhcp.nwtn.ct.charter.com	/GPO/gpo4115	http://www.gpo.gov	Y 4.EC 7:S.HRG.111-78	New evidence on the g	United States.Congress.	2011
2/1/16 8:25	24-151-116-60.dhcp.nwtn.ct.charter.com	/GPO/LPS114050	http://www.gao.gov	GA 1.5/2:GAO-09-621	Women's pay [electror	Sherrill, Andrew.	2009
2/1/16 8:34	24-151-116-60.dhcp.nwtn.ct.charter.com	/GPO/LPS113385	http://permanent.	GA 1.13:GAO-09-279	Women's pay [electror	United States.Governm	2009
2/1/16 10:31	c-71-232-217-254.hsd1.ma.comcast.net	/GPO/FDLP623	http://www.				2006
2/1/16 10:42	c-76-18-152-35.hsd1.tn.comcast.net	/gpo/lps7702	http://factfir				1999
2/1/16 10:48	c-24-4-71-128.hsd1.ca.comcast.net	/GPO/gpo15521	http://www.				2009
2/1/16 10:50	c-24-4-71-128.hsd1.ca.comcast.net	/GPO/gpo49984	http://perma				2012
2/1/16 10:50	c-24-4-234-105.hsd1.ca.comcast.net	/GPO/LPS3987	http://perma				1994
2/1/16 10:57	h142.121.232.68.dynamic.ip.windstream	/GPO/gpo46777	http://perma				2011

Here we're looking at a PURL Referrals Report in spreadsheet format.

The timestamp uses the 24 hour format and is based on US EST. Also, notice the SuDoc #, Title, Author and Year are now included.

FDLP Libraries have all the raw data to sort, analyze and visualize PURLs data.



Federal Depository Library Program FDLP PURL Usage

Now, let's quickly look at the two new reports. They are located on the **PURL Usage** tab.

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PURL Usage

Library Report Dashboard

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Exercise #8 - Let's run the All PURL Referrals report for February 2016. Select the month and click the blue "Get Report" button.

PURL Usage Reports

All PURL referrals (by host):

Month: February 2016

[Get Report](#)

Top 50 PURL referrals (by target):

Month: -- Choose --

[Get Report](#)



You'll receive a report that specifies all referrals during a given month.

Results for February 2016

Show 10 entries

Host	Referrals
catalog-koha.lib.fit.edu	102035
nkugateway.nku.edu	73933
wan-217-190.usouthal.edu	21111
137.216.139.21	16064
springy25.springshare.com	15349
mail.softlinkliberty.net	12384
homer.lms.kent.edu	7437
catalog.gpo.gov	7039
undcflper005.ad.und.edu	6545
de1.browshot.com	6032

Results are shown in 10, 25, 50 or 100 entry increments per page. Results can be sorted ascending or descending.

Search:

Supports wide to increasingly more narrow searching, e.g., "umd", "umd.edu", "lib.umd.edu"

Click on a row to get a report of the top 50 PURLs accessed by this host (see a later slide for the Top 50 report format)

Showing 1 to 10 of 23,831 entries

Previous 1 2 3 4 5 ... 2384

Next



PURL Usage Reports

All PURL referrals (by host):

Month:

[Get Report](#)

Top 50 PURL referrals (by target):

Month:

[Get Report](#)

Exercise #9 - Our final exercise is to generate the Top 50 PURL Referrals by month. Select a month & click the blue **“Get Report”** button.

Top 50 PURL referrals during March 2016

Show entriesSearch:

PURL	Target URL	# of Referrals	SuDoc Number
/GPO/LPS86068	http://permanent.access.gpo.gov/permanent.access.gpo.gov/ncs_ser_pa_dres_espanol.pdf	1957	HE 20.3352:SI 2
/GPO/LPS4708	http://www.ncbi.nlm.nih.gov/sites/entrez?db=PubMed	1682	HE 20.3627:
/GPO/gpo55219	http://permanent.access.gpo.gov/gpo55219/11771802.pdf	1576	A 13.137:1177-1802-SDTDC
/GPO/gpo32905	http://permanent.access.gpo.gov/gpo32905/	1519	D 104.2:C 73/3
/GPO/gpo48681	http://permanent.access.gpo.gov/gpo48681/NCA3_Highlights_LowRes.pdf	1443	PREX 30.2:IM 7/HIGH.
/GPO/gpo51589	http://www.gpo.gov/fdsys/pkg/CHRG-113shrg88820/pdf/CHRG-113shrg88820.pdf	1313	Y 4.F 49:S.HRG.113-343
/GPO/gpo55427	http://permanent.access.gpo.gov/gpo55427/95-27-1184-2-10-20150130.pdf	1289	SI 1.29:98
/GPO/gpo52516	http://www.gpo.gov/fdsys/pkg/CHRG-110shrg85529/pdf/CHRG-110shrg85529.pdf	1269	Y 4.P 96/10:S.HRG.110-1247
/GPO/gpo31685	http://www.gpo.gov/fdsys/pkg/CHRG-112hrg70669/pdf/CHRG-112hrg70669.pdf	1165	Y 4.J 89/1:112-142
/GPO/gpo52923	http://www.gpo.gov/gpo52923/cmhPub_74-5.pdf	1090	D 114.2:C 42

Showing 1 to 10 of 50 entries

[Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [Next](#)[Export results in CSV format](#)

Download the results as CSV for further analysis.

Experiment with changing the sort order.

SuDoc Number is now available & is searchable.

Recap of the **updated** PURL Referral Reporting System for FDLP Members

- Modern user interface
- Allows for robust patterns, e.g., strings, IP addresses
- Immediate validation
- Note field as a memory aid
- CGP metadata automatically included
- Immediately view a test report to validate your library's patterns
- Historical reports available for 12 months





Thanks for working through this self-guided overview for FDLP Member Libraries!