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Reports

On the Reports page you will find at least two top-level tabs; Local, and Utah. Under the Local tab you will find at least three tabs; Reports, Report Templates, and Published Reports.



Locally created reports, ones that you and/or your library have created/ modified, are contained within the Local / Reports tab.

Report templates, shared with all users in your organization, are contained within the Report Templates tab. Use these to create your own custom Report based on the settings defined in the Template.

The Published Reports tab contains URL(s) to Report(s) previously published. Each Published Report has a unique URL that is a "perma-link" to the report outputs that are easily shared with others. Access to published reports does not require a secure login, enabling you to easily share your results (the URL) with a wider audience, e.g., via email or posting on a Web site.

The green navigation bar includes links to Library Trend and Ranking Reports.

Library Trend

• Trend reports highlight the longitudinal results for the selected data and periods. The Library Trend report shows a summary of the data for the selected periods and includes a percentage difference (gap) between results in consecutive periods.

Ranking Report

Ranking Reports summarize the results for your organization and/or location versus other
organizations/locations. The Ranking Report includes Minimum, Maximum, and Average values for all
reporting institutions/locations for ease of comparing your results.

Managing Reports

The Report Management Screen is an on-line filing cabinet with folder tabs for organizing reports. By default, you have access to the folders as shown above. With sufficient permissions, Reports can be created using the "Add Report" link or by selecting an existing Report (or Report Template) and then saving as a New Report.

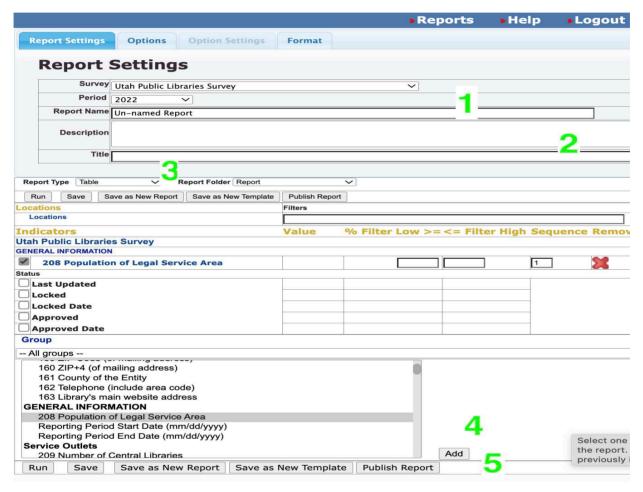


Creating a New Report

To create a new report, click on the "Create Report" link to create a new report in a local folder. This opens the "Report Settings" screen where you can define the Collections (i.e., survey results),



Periods (i.e., data sets), Performance Indicators (PIs), and other settings for each report.



- 1. Select the Collection and the Period(s) from the dropdown menu.
- 2. Name and Describe your report.
- Select the Report Type. Save as a New Report to create a new instance of the report to modify and run.
- 4. Select the Performance Indicators to include in the report and then Add them.
- 5. Save, Run, and optionally Publish your report.

Create a new report by selecting a Collection from the list of available list of Collections, e.g. Utah Public Library Statistics. Once a Collection is selected the screen will refresh with the list of available PIs for that Collection.

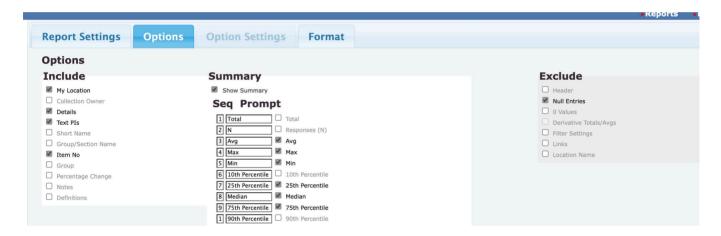


To expedite the selection of specific PIs to include in the Report, you can specify a Group/Section name from the available list. Select one or more PIs (click the PI name to highlight) then click "Add". You can also multi-select PIs by holding down the control key (or command key for Apple users) when selecting PIs.

You can also add PIs from more than one Collection. To do so, simply select a different Collection from the available list and then Add additional PIs as appropriate.

Report Options

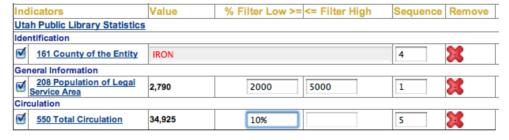
The Options tab reveals the various settings that are available (see below)



The various report Options enable settings for what should be included/excluded from the results. Use the Option settings to include/exclude details, summary data (e.g., Mean, Median, Maximum, Minimum, Total, and Number of Respondents), Notes, Definitions, Null Entries, 0 Values, and more.

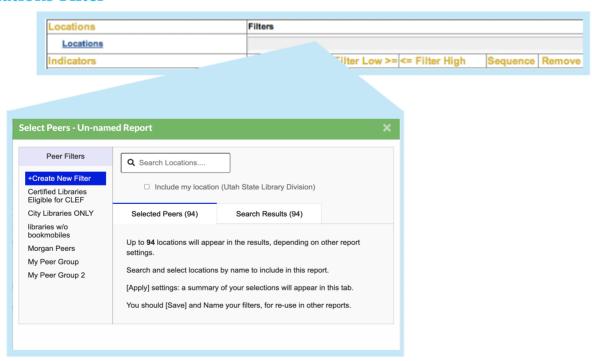


Results Filtering



Any PI added to a Report can be used for filtering results. Percentages (%), Minimum, and/or Maximum values can be defined. Filter settings ensure that only those locations matching the defined filter criteria are included in the results. The "% Filter Low >=" field can also be used to set a percentage range filter. By setting the Filter Low value to 15% for example, the system filters results based on locations within +/-10% of the data values for your location. You can also filter text results (e.g., Library name, City, etc.). Click your cursor while hovering over the associated filter field to get to a pop-up window enabling you to select the values matching your filter criteria. Remember to click Update when you are done.

Locations Filter



Selecting the Locations Filter triggers a pop-up window with all locations. Location filters can be saved and reused across your collections.



LibPAS features many different Report Types, providing you with different views of the results. Most tabular report types feature graph icons linked to pop-up graphs for the selected results and downloadable Excel files enabling you to explore the results off-line.

Table Report

Un-named Report

Utah Public Libraries Survey Period: 2022Start , (2021-07) Months: 12

Location (6)	208 Population of Legal Service Area	550 Total Circulation of Materials	503 Number of registered users	600 Total Number of Library Programs
Beaver Public Library	4,351	40,629	2,285	121
Helper City Library	3,632	13,795	1,418	2
Logan Library	54,436	533,577	21,017	201
Milford Public Library	1,825	6,433	1,035	168
Monroe Public Library	2,569	15,796	810	94
Newton Town Library	789	20,363	291	76
	<u>Liu</u>	£Ū.	<u>kin</u>	<u>Liu</u>

End Note

Locations:

- Beaver Public Library
- Helper City Library
- Logan Library
- · Milford Public Library
- Monroe Public Library
- Newton Town Library

Table Reports provide a view of the data by location for a selected period. The report features interactive column sorting, pagination options, graph icons (to pop-up charts/graphs) and an Excel download link. Results for your location are highlighted (displayed using a different color) in the tabular and graph outputs, for ease of comparison.

Option settings include: summary data (Average, Median, Maximum, Minimum, Total, and Number of Respondents), notes, group names, definitions, etc.; or the exclusion of: Null Entries, 0 Values, Header, etc.

Tips

End notes list the location filters.

- Display more libraries: Increase the number of displayed rows at the bottom of the report.
- Sorting: Click on the arrow at the top of any column to sort libraries.
- Printing: For larger print-outs adjust your "Page Setup" i.e. "legal" or "landscape" or download the results into Excel and further adjust the format.
- Bar graphs: To enlarge a bar graph click on "Expand" icon toward bottom right of



PI Report

PI Reports summarize the results for the selected PIs (performance indicators) and Period. By default, the output includes the Average (mean), Total, Variances, and Quartiles for the selected PI(s) (see the example below). Use the Options tab to change the Summary settings, including the sequence and prompts used, as required.

PI Report

Survey: Utah Public Libraries Survey Period 2022

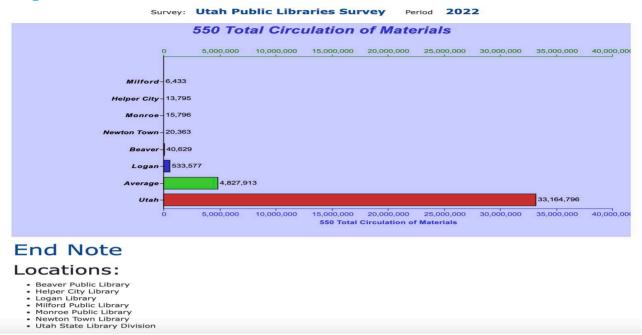
1	Milford Public Library	6,433
	Helper City Library	13,795
	Monroe Public Library	15,796
e V	Newton Town Library	20,363
i	Beaver Public Library	40,629
	Logan Library	533,577
	Total	630,593
	Avg	105,099
	Max	533,577
	Min	6,433
	25th Percentile	13,795
	Median	18,080
	75th Percentile	40,629
	Variance - 25% above average	131,374
	Variance - 25% below average	78,824

End Note

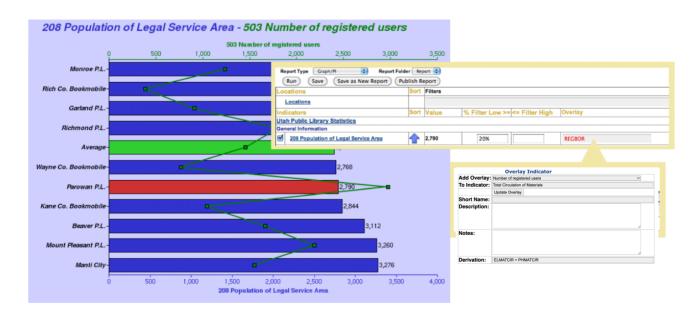
Locations:

- Beaver Public Library
- Helper City Library
- Logan Library
- Milford Public Library
- Monroe Public Library
- Newton Town Library





The Graph/PI report type provides a setting for an "Overlay" that can be displayed on each generated bar graph. The overlay results appear as a line superimposed on the generated bar graph, with the scale for the overlay along the top axis, and the scale for the bar graph along the bottom. This "cross-tabulation" can help to convey the relationship between values of two PIs. To create an overlay, simply click in the appropriate Overlay field to get to the pop-up screen where you can select the desired PI to overlay.





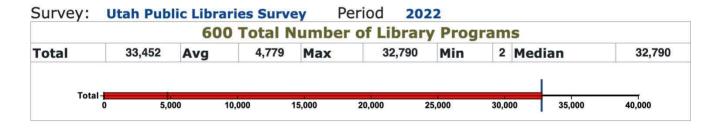
Survey: Utah Public Libraries Survey Period 2022

Name	Total	Avg	Max	Min	Median
550 Total Circulation of Materials	33,795,389	4,827,913	33,164,796	6,433	20,363
600 Total Number of Library Programs	33,452	4,779	32,790	2	121
208 Population of Legal Service Area	67,602	11,267	54,436	789	3,632
503 Number of registered users	1,678,137	239,734	1,651,281	291	1,418

Summary reports display a summary of all selected locations for the chosen PIs and period. Data is shown for the PI Total, Minimum, Maximum, Average, and Median.

Summary Graphs

Summary Graph reports present an overall picture of the selected PI(s) for a given period. There is a marker for Minimum, Maximum, and Median values. The red marker in the middle represents where 50% of the results fall. See below.

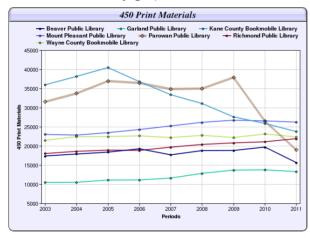




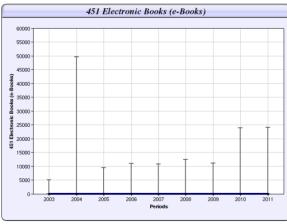
Trend/PI

Survey: Utah Public Libraries S	urvey	Perio	bd	2012 - 2	2022						
503 Number of registered users 👼	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Beaver Public Library 🛍	1,837	1,982	2,119	1,969	2,000	1,885	2,017	2,001	2,084	2,165	2,285
Helper City Library 🛍	617	641	411	462	561	679	808	3,093	3,135	1,321	1,418
Logan Library 🛍	24,863	24,722	24,611	25,802	24,188	24,473	23,924	24,639	24,282	22,950	21,017
Milford Public Library 🛍	1,292	1,012	1,105	1,175	1,094	868	903	943	962	1,003	1,035
Monroe Public Library 🛍	998	1,157	1,278	1,401	1,475	1,543	1,613	1,663	1,664	1,459	810
Newton Town Library 🛍	330	355	376	408	409	337	335	303	280	270	291
Utah State Library Division 🛍		1,593,195		1,789,837	1,801,915	1,741,080	1,752,122	1,752,182	1,762,176	1,617,361	1,651,281
Total	29,937	1,623,064	29,900	1,821,054	1,831,642	1,770,865	1,781,722	1,784,824	1,794,583	1,646,529	1,678,137
Avg	4,990	231,866	4,983	260,151	261,663	252,981	254,532	254,975	256,369	235,218	239,734
Max	24,863	1,593,195	24,611	1,789,837	1,801,915	1,741,080	1,752,122	1,752,182	1,762,176	1,617,361	1,651,281
Min	330	355	376	408	409	337	335	303	280	270	291
Median	1,292	1,157	1,278	1,401	1,475	1,543	1,613	2,001	2,084	1,459	1,418

The Trend/PI report displays the data for the chosen PIs over the selected periods. This report also features a click only graph of the data.



1–9 Locations the pop-up appears as a line graph.



10+ Locations the pop-up appears as a distribution

graph



SUrvey: Utah Public Libraries Survey



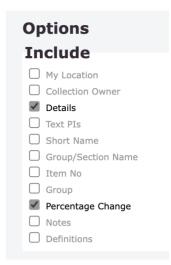
Trend reports enable comparison of results over multiple periods. The reports feature pop-up graphs (graph icon), as per the example shown below. You can include as many time periods as are available. Trend reports support various Options including: details and summary data such as the Number of Respondents (N), the Average (mean), Minimum, Maximum, Median, and Total values. In the example Trend graph (below) the pale red shading in the

background represents the average. Above average results are shown by the blue bars, while below average results are shown in red.

Tips Include "Details" to display the Trend Report with location details, as shown above. Use Filters before running this report to narrow the results.



The Trend report supports various report options. Select the Options Tab to customize trend reports.



Survey: Utah Public Libraries Survey Period 2018 - 2022

Total Circulation of Materials 🔯	2018	Diff(%)	2019	Diff(%)	2020	Diff(%)	2021	Diff(%)	2022
Beaver Public Library 🛍	23,960	34.00%	32,106	13.63%	36,481	4.45%	38,106	6.62%	40,629
Helper City Library 🛍	5,448	50.83%	8,217	27.74%	10,496	-36.17%	6,700	105.90%	13,795
Logan Library 🛍	885,005	-4.61%	844,213	-11.15%	750,121	-17.51%	618,803	-13.77%	533,577
Milford Public Library 🛍	12,621	-6.47%	11,804	-33.87%	7,806	-16.45%	6,522	-1.36%	6,433
Monroe Public Library 🛍	13,175	-1.05%	13,037	-4.69%	12,426	7.57%	13,367	18.17%	15,796
Newton Town Library 🛍	17,610	1.70%	17,909	7.28%	19,213	21.67%	23,377	-12.89%	20,363
Total	957,819	-3.19%	927,286	-9.79%	836,543	-15.50%	706,875	-10.79%	630,593

Shown above is a report with the options to include "Percentage Change" and "Details" selected.

Survey: Utah Public Libraries Survey Period 2012 - 2022

550 Total Circulation of Materials ⊠	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total	1,076,206	1,057,546	1,073,965	1,069,695	1,016,910	938,865	957,819	927,286	836,543	706,875	630,593
Avg	179,368	176,258	178,994	178,283	169,485	156,478	159,637	154,548	139,424	117,813	105,099
Max	998,996	980,503	966,158	960,312	916,967	863,714	885,005	844,213	750,121	618,803	533,577
Min	6,075	3,763	11,729	13,213	2,958	4,216	5,448	8,217	7,806	6,522	6,433
Median	17,397	17,854	20,681	18,678	18,574	19,211	17,610	17,909	19,213	23,377	20,363

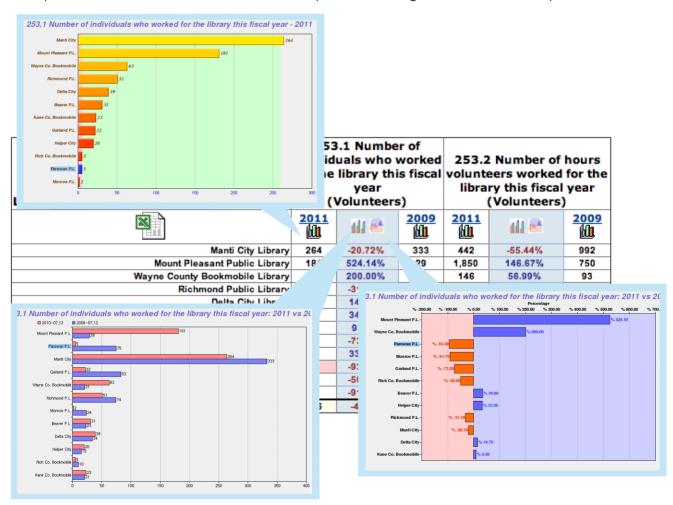
The Trend Report can display the results without any Details. You can choose to add a filter to this report or run the report without a filter to show the results for all respondents. This is a summary Trend Report.



Period Comparison

Locations – 12	253.1 Number of individuals who worked for the library this fiscal year (Volunteers) (Volunteers)					
	2011 111	44 🖷	2009 Ш	2011 11	111 🐸	2009 Ш
Manti City Library	264	-20.72%	333	442	-55.44%	992
Mount Pleasant Public Library	181	524.14%	29	1,850	146.67%	750
Wayne County Bookmobile Library	63	200.00%	21	146	56.99%	93
Richmond Public Library	51	-31.08%	74	411	16.10%	354
Delta City Library	39	14.71%	34	67	-4.29%	70
Beaver Public Library	31	34.78%	23	700	255.33%	197
Kane County Bookmobile Library	23	9.52%	21	35	2.94%	34
Garland Public Library	22	-73.49%	83	1,635	228.97%	497
Helper City Library	20	33.33%	15	1,598	2,119.44%	72
Parowan Public Library	5	-93.33%	75	35	-89.71%	340
Rich County Bookmobile Library	5	-50.00%	10	45	-63.41%	123
Monroe Public Library	2	-91.67%	24	16	-92.86%	224
tota	706	-4.85%	742	6,980	86.33%	3,746

Period comparison reports compare results for two selected periods. This Report Type shows Values for each Period and the Gap (difference). Various Graph icons exist for generating graphs displaying the results of each period and or the differences between each period, including Plus/Minus and Comparative bar charts.





The PI Gap Report is useful in comparing two data elements. The paired ordering of PIs in the report output is determined by their Sequence value in the Report settings screen. The PI Gap Report features downloadable Excel results, and click-only icons to pop-up graphs.

Locations – 10		otal FTE of Libr vs otal FTE of Paid		550 Total Circulation vs 551 Circulation of Children's Materials			
	<u>601,</u>	41 🥌	<u>£0</u> ,	<u>tu</u>	111 @	<u>£0</u> 1	
Manti City Library	3.00	-9.1%	3.30	29,067	57%	18,509	
Beaver Public Library	2.20	-5.2%	2.32	17,189	81%	9,497	
Mount Pleasant Public Library	1.00	-57.4%	2.35	81,224	96.5%	41,328	
Parowan Public Library	1.00	-44.4%	1.80	34,925	241%	10,243	
Monroe Public Library	0.75	-50%	1.50	11,643	235%	3,476	
Richmond Public Library	0.75	-57.1%	1.75	52,169	68.8%	30,906	
Garland Public Library	0.65	-49.2%	1.28	35,286	44.5%	24,423	
Wayne County Bookmobile Library	0.56	-27.3%	0.77	18,320			
Kane County Bookmobile Library	0.35	-42.6%	0.61	15,685	53.7%	10,202	
Rich County Bookmobile Library	0.10	-83.3%	0.60	3,864			
Total	10.36	-36.36%	16.28	299,372	101.48%	148,584	

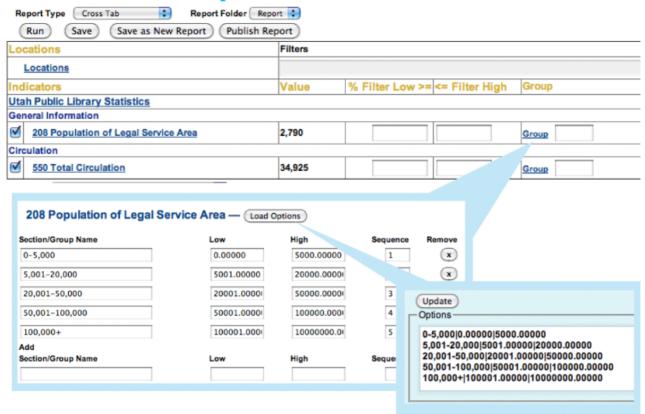
Cross Tab

	208 F	opulation	Of Legal So	ervice Area			
550 Total Circulation	0-5,000	5,001-20,000	20,001-50,000	50,001-100,000	100,000+	Row Total	
0–20000	90 47.4	1 10 4.8	0 0 0	0 0 0	0 0 0	10 16.1	
20001-40000	9 75 47.4	3 25 14.3	0 0 0	0 0 0	0 0 0	12 19.4	
40001-60000	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0	
60001-80000	0 0 0	<u>4</u> 80 19	0 0 0	1 20 50	0 0 0	5 8.1	
80001+	1 2.9 5.3	13 37.1 61.9	14 40 100	1 2.9 50	<u>6</u> 17.1 100	35 56.5	
Column Total	19 30.6	21 33.9	14 22.6	2 3.2	6 9.7	62 100	
Note:First values in each table cell are actual location counts. Blue numbers in each cell are percentages(%) of row values in that cell. Green numbers in each cell are percentages(%) of column values in that cell. Links enable drill-down to specific details for selected entries.							

A Cross Tab Report compares a range of results for one PI versus another. You can generate several cross tab tables in one report. Each selected PI in the report is compared against the first PI (defined by Sequence.) The Cross Tab Report provides counts and percentage values of row and column totals in each cell of the report. Cross Tab Reports also feature links, from the counts, that enable a drill-down to a listing of the corresponding locations and their values for the PIs in the Cross Tab Report.



To Create a Cross Tab Report



- 1. Create a report, set the Report Type to Cross Tab.
- 2. Setup Group breakouts for the Cross Tab Report click on the Group link to set the groups you would like to use to breakout the data.
- 3. The Load Options feature can be used to update the Section/Group names and values or copy-and-paste to reuse the list in other PI (performance indicator) Groupings.



Custom Format

Custom Format Reports provide you with more customizable options including the ability to style the output using Cascading Style Sheets (CSS.) Custom reports also provide a unique URL link that can be inserted into any merge document; thus providing users with a way to integrate results directly into custom formatted documents (e.g. Word, Excel, etc.). Each time the document is opened, the most recent data can be fetched from LibPAS. This feature is very handy for auto-creation of standard Monthly, Quarterly, and Annual reports that typically include several Custom Reports throughout the Document.

Utah Public Libraries

	150 FSCS ID	151 Library Code	153 Street Address	154 City (of street address)	155 ZIP Code (of street address)	208 Population of Legal Service Area
Davis County Library	UT0019	DAVSCO1100	38 SOUTH 100 EAST	FARMINGTON	84025	307,856
Orem Public Library	UT0059	UTAHCO1400	58 NORTH STATE STREET	OREM	84057	88,328
Provo City Library	UT0062	UTAHCO1700	550 NORTH UNIVERSITY AVENUE	PROVO	84601	112,488
Salt Lake City Public Library	UT0048	SLTLAK1200	210 EAST 400 SOUTH	SALT LAKE CITY	84111	186,440
Salt Lake County Library System	UT0049	SLTLAK1300	2197 EAST FORT UNION BLVD.	SALT LAKE CITY	84121	800,724
Utah County Bookmobile Library	UT0056	UTAHCO1100	125 WEST 400 NORTH	MAPLETON	84664	92,637
Washington County Library	UT0066	WASHCO1100	88 WEST 100 SOUTH	ST. GEORGE	84770	138,451
Weber County Library System	UT0069	WEBRCO1100	2464 JEFFERSON AVENUE	OGDEN	84401	232,228
Utah State Library Division						
Total	0	0	0	0	0	1,959,152

Table Report - Utah Public Libraries

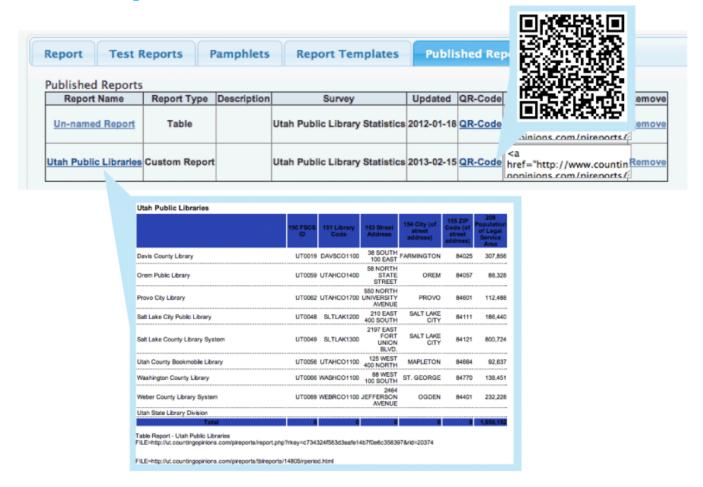
FILE=http://ut.countingopinions.com/pireports/report.php?rkey=c734324f563d3eafe14b7f0e6c356397&rid=20374

FILE=http://ut.countingopinions.com/pireports/tblreports/14805/rperiod.html

The URL at the bottom of the report can be embedded into an offline document. This enables the results from this report (and others) to be populated directly into a standard document template (e.g. Word, Excel, etc.)



Published Reports



All reports can be published and shared with others by sending via email, text message, twitter or posting on a Web site or blog. You can also use the QR-Code feature to post links to reports in print materials. Users are not required to login to see the results and can use all the interactive features supported in the reports (e.g., downloads, pop-up graphs, drill-downs)