

# Hennen's American Public Library Ratings Special Report

*Based on Federal State Cooperative Service Data  
April 2001*

## Nassau and Suffolk County Libraries



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# Section 1. Overview and Scores

## Executive Summary

This report compares the Hennen’s American Library Ratings (HAPLR) scores of Nassau and Suffolk County libraries. The FSCS data elements listed in this report are a bit obscure, so there is an explanation table in the appendix. The opinions expressed are the author’s, not those of Waukesha County Federated Library System. For specific HAPLR scores for specific libraries, see the appendix.

**For Input measures (Section 2):**

**When compared to libraries in the rest of the country, Nassau/Suffolk libraries:**

1. are far better supported financially.
2. devote a smaller share of their budgets to materials.
3. spend more per resident on library materials.
4. are more fully staffed.
5. have more magazines to offer than their national counterpart libraries at all but the smallest population levels.
6. have more books to choose from.

**For Output measures (Section 3):**

**When compared to libraries in the rest of the country, Nassau/Suffolk libraries:**

1. have higher costs per circulation.
2. are visited much more often.
3. have a slightly lower collection turnover rate.
4. lend fewer items per staff member.
5. lend more items per resident.
6. answer more reference questions per resident.
7. check out about the same number of items per open hour except for the 50K population group which checks out many more.
8. are visited more per hour than most U.S. libraries – especially in the 10,000 to 99,999 population range.
9. borrow about the same number of items per visit.

Popul Category	Number of Libraries	HAPLR Score	Average Percentile score of group
100K	1	605	70%
50 K	5	709	84%
25 K	38	627	71%
10 K	36	619	71%
5K	18	616	69%
2.5K	4	672	80%
1K	3	690	84%
0k	3	497	52%
<b>Total/Avg</b>	108	626	71%

## HAPLR Ratings

HAPLR 2000 is featured in the November 2000 issue of American Libraries magazine. The Index uses data provided by nearly 9,000 public libraries in the United States to create comparative rankings. The comparisons are in broad population categories with breaks at 1,000; 2,500; 5,000; 10,000; 25,000; 50,000; 100,000; 250,000; and 500,000.

HAPLR 2000 is based on reports filed by state agencies with FSCS in 1999 (mostly 1998 data). It does not include imputed data for the data used because, as of October of 2000, the Federal State Cooperative Service (FSCS) had not yet supplied the data. Consequently, 1,648 libraries that did not supply the needed data, usually reference queries answered or annual visits, were not included in the third edition. The third edition data are more comparable to the first edition data than the second. The second edition used *imputed* data; neither the first nor the third did so. Imputing means to estimate using statistical means when data elements are not supplied.

Both the first and second editions were based on 1997 reports from FSCS (mostly 1996 data). The first edition was based on what FSCS calls Preliminary data; the second was based on what they call their Early Release data.

The two distinctions between the first and second editions were:

- the number of libraries included: 7,000 in the first edition, nearly 9,000 in the second;
- the population categories used, four in the first edition, 10 in the second.

The second and third editions have used the same 10 population categories used by the FSCS rather than the four arbitrary categories originally devised by the author.

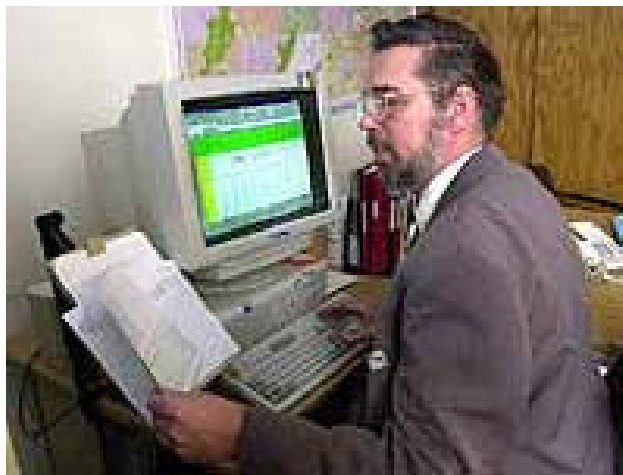
Other limitations of the study:

- **Population Data.** HAPLR uses the FSCS service area populations for each library. The Federal State Cooperative Data have no choice but to ask states to make some rather arbitrary assignments of population. The population served often extends beyond the population of the community that established it and provides its initial support. Library service territories, when added together in some states, exceed the total population. Hence, the FSCS reports both service area populations as reported by the state and unduplicated service populations which arbitrarily re-assign population. Depending on the demographic makeup of the state, there will be inconsistencies in population assignment. Consolidated county and regional library systems are more prevalent in some states and regions than in others, skewing some population data. Take the author's home state and the 15 largest communities there. One community is assigned 1 additional person for every 100 city resident while another is assigned 75 persons for every 100 city residents. The former community, with fewer additional residents assigned, will fare better than the latter community in any per capita comparison. Nearly half of the HAPLR Index is sensitive to population as reported in the FSCS data, so this fact should be considered when interpreting the results.

- **Branch Data are not available.** The data used for the HAPLR Ratings are the data from the Federal State Cooperative Service. That agency does not separate out data for branches of county systems.
- **Building Data are not available.** Unlike Europe and much of Asia, the U.S. does not collect data on size of buildings, number of reader seats, and so forth. Consequently, no data on these key issues can be presented.
- **Electronic Resources data are not available.** The Internet and the explosion of access points to electronically stored data are obvious to all. However, systematic collection on either the performance data or the input measures for electronic and Internet use in libraries is still in its infancy. Library planners are struggling with methods for systematically measuring and comparing electronic library use, but no consensus has emerged. Consequently, there are no national comparison data on these issues. Anecdotal evidence leads many to say that a library needs to be half again as large as formerly because of the Internet and electronic access, but the data are not yet there to support this assertion. Per cubic foot, books and magazines appear to take up a lot less space than seating at computer terminals, but much more research is needed for planners. Consequently, special care must be taken on designing and planning for electronic resource and Internet data.

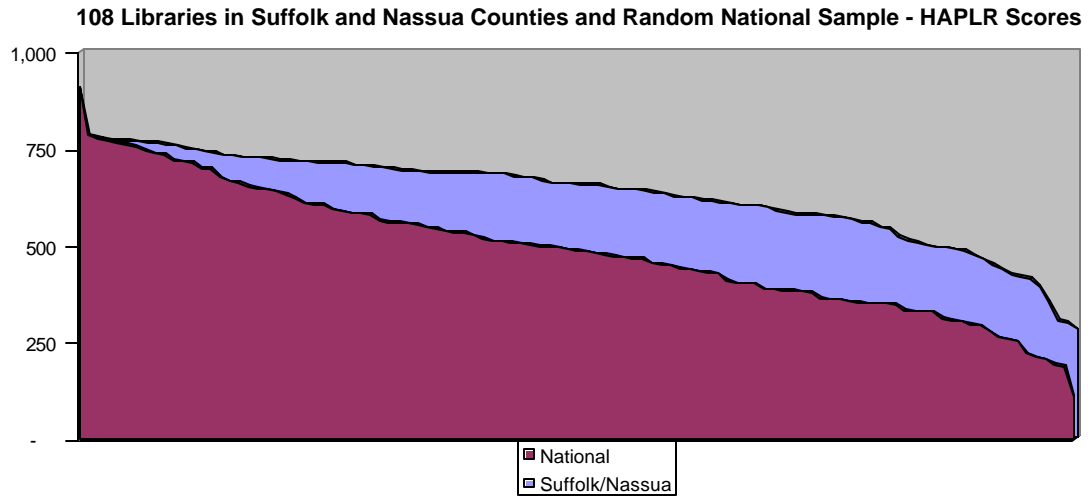
### **Author Biography**

Thomas J. Hennen Jr., the author of the HAPLR Index, has nearly 25 years worth of experience in public libraries. He has published in *Library Journal*, *American Libraries* and in other American Library Association publications. He also had a column on rural library materials for the American Library Association's *Booklist* magazine. He has been a speaker for library associations throughout the U.S. and Canada. He is the Director of the Waukesha County Federated Library System.



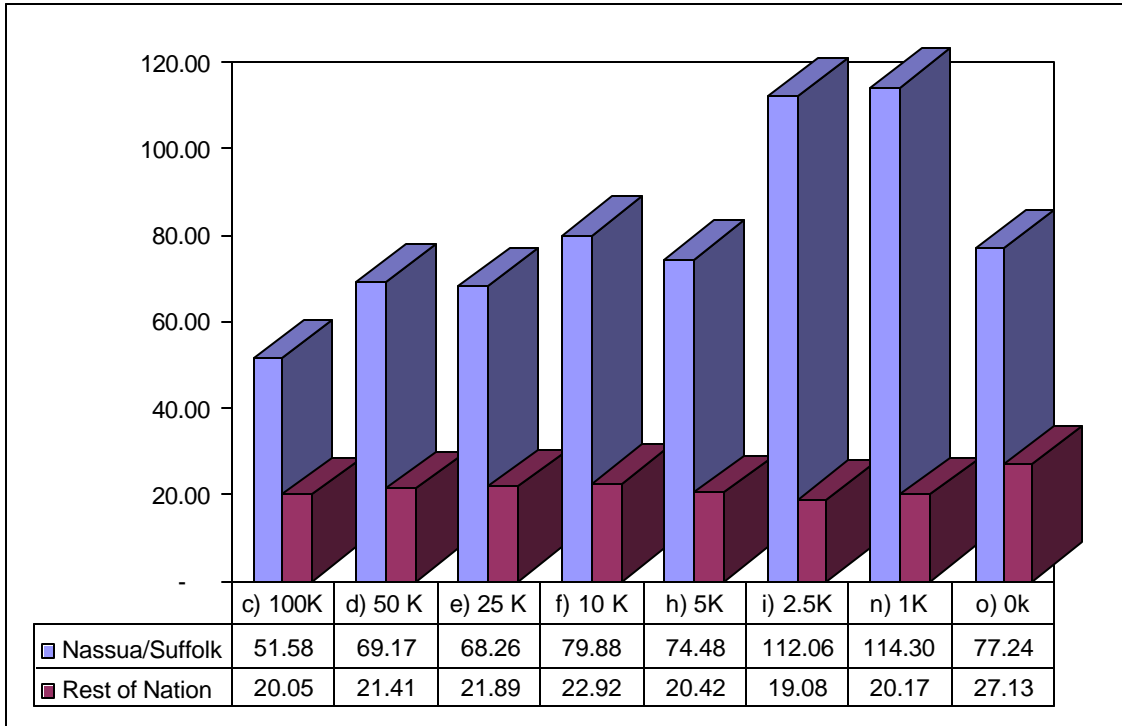
## Graph of HAPLR Scores Nassau/Suffolk and Random Sample

The libraries in both counties consistently outscore their national counterparts on the HAPLR measure.



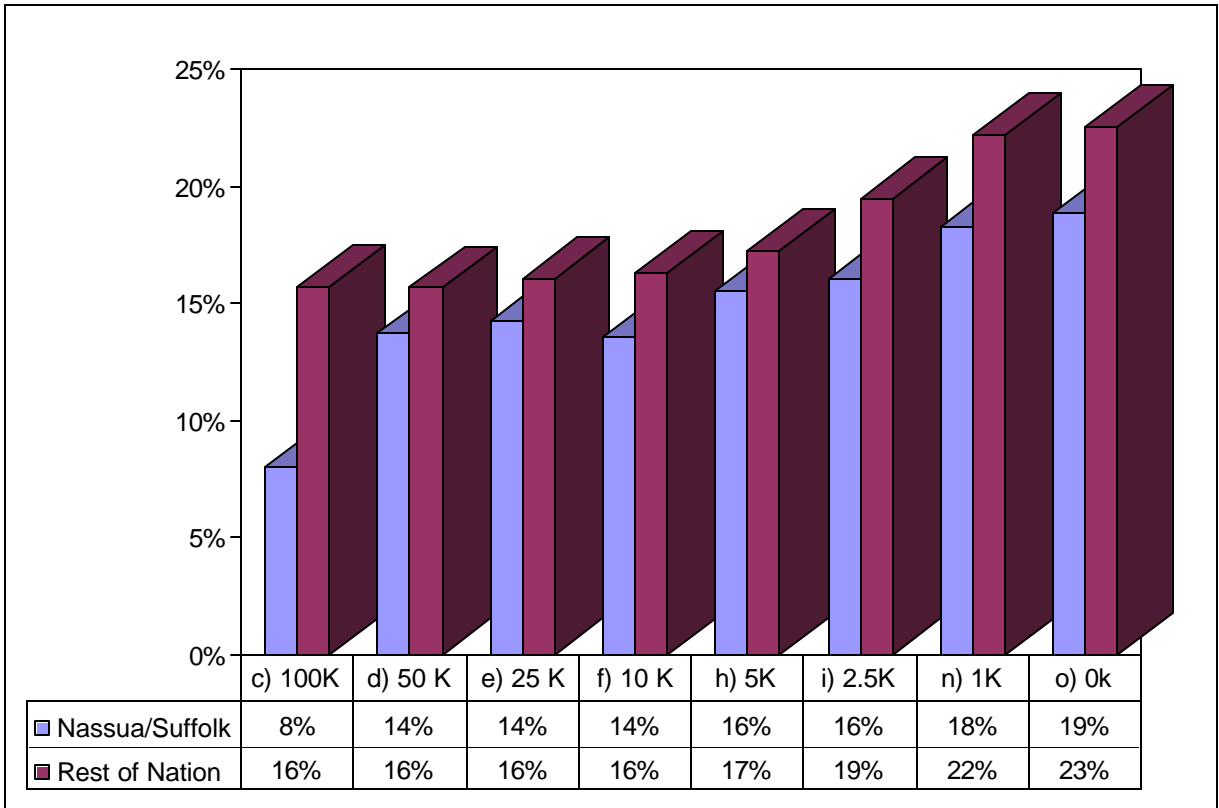
## Section 2. Input Measures in the HAPLR Scores

### Input Measure 1. Expenditure per capita



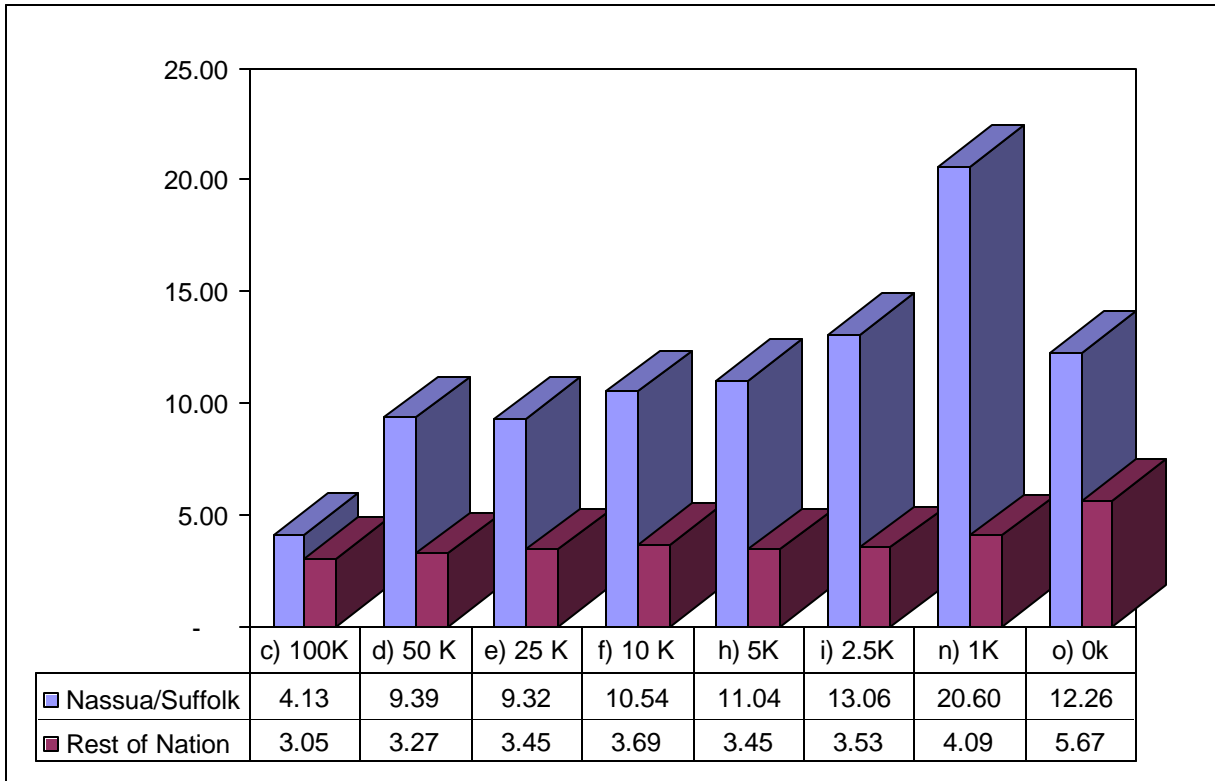
**In every population category, Nassau and Suffolk County libraries far better supported than their counterparts in the rest of the country.**

## Input Measure 2. Percent of Budget to Materials



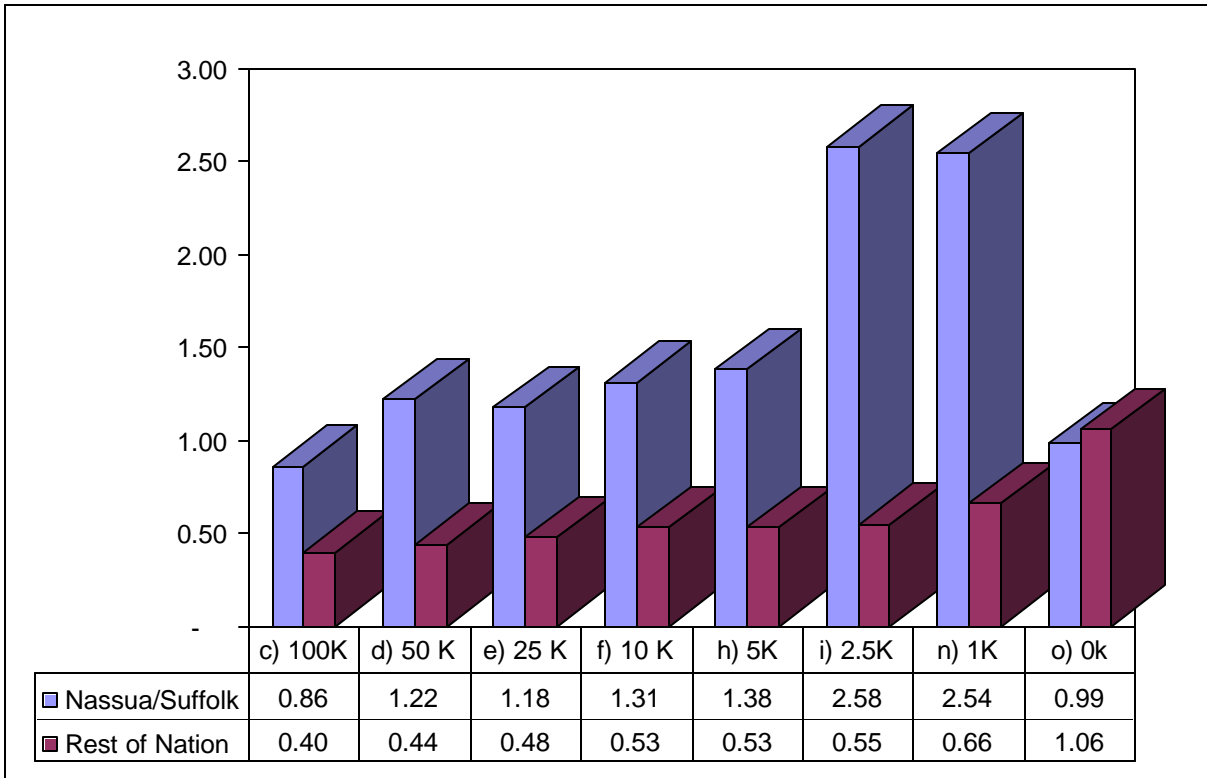
**In every population category, Nassau and Suffolk libraries devote a smaller share of their budgets to materials than is found in the nation at large.**

### Input Measure 3. Materials Expenditure per Capita



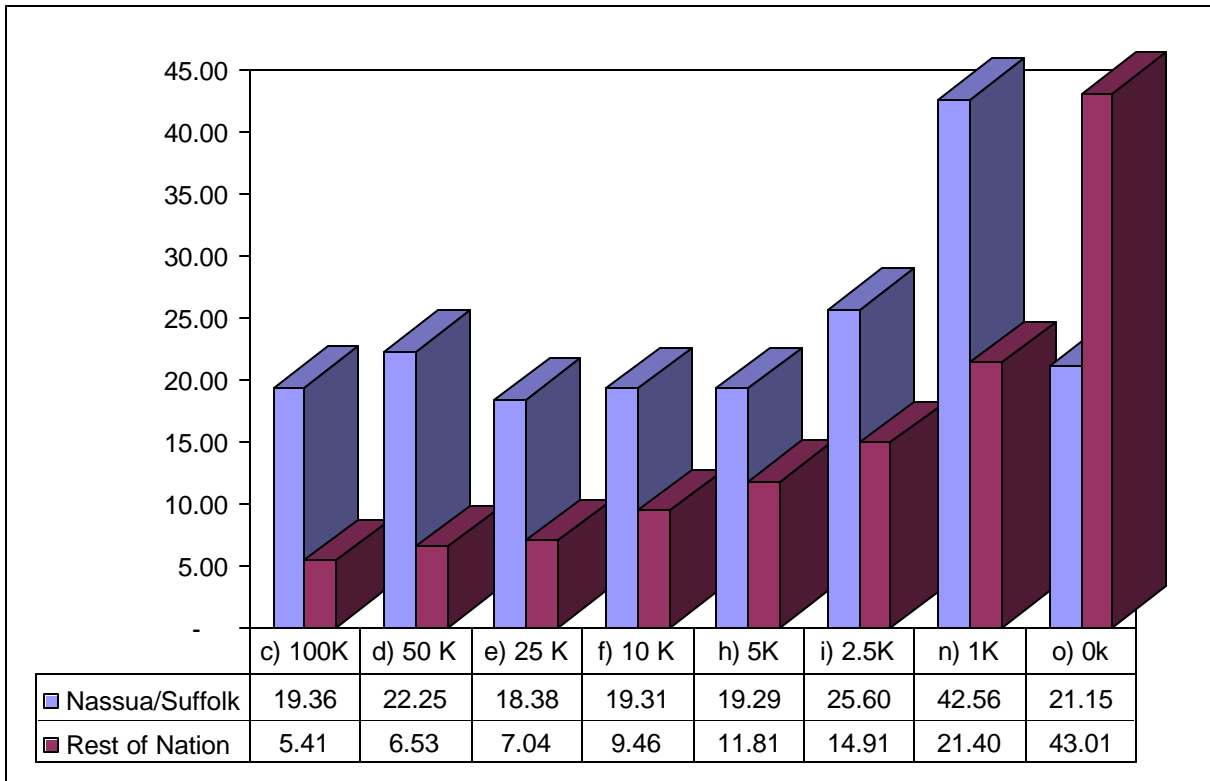
**Regardless of population category, Suffolk/Nassau libraries spend more per resident on library materials than the national average.**

## Input Measure 4. Staffing Levels



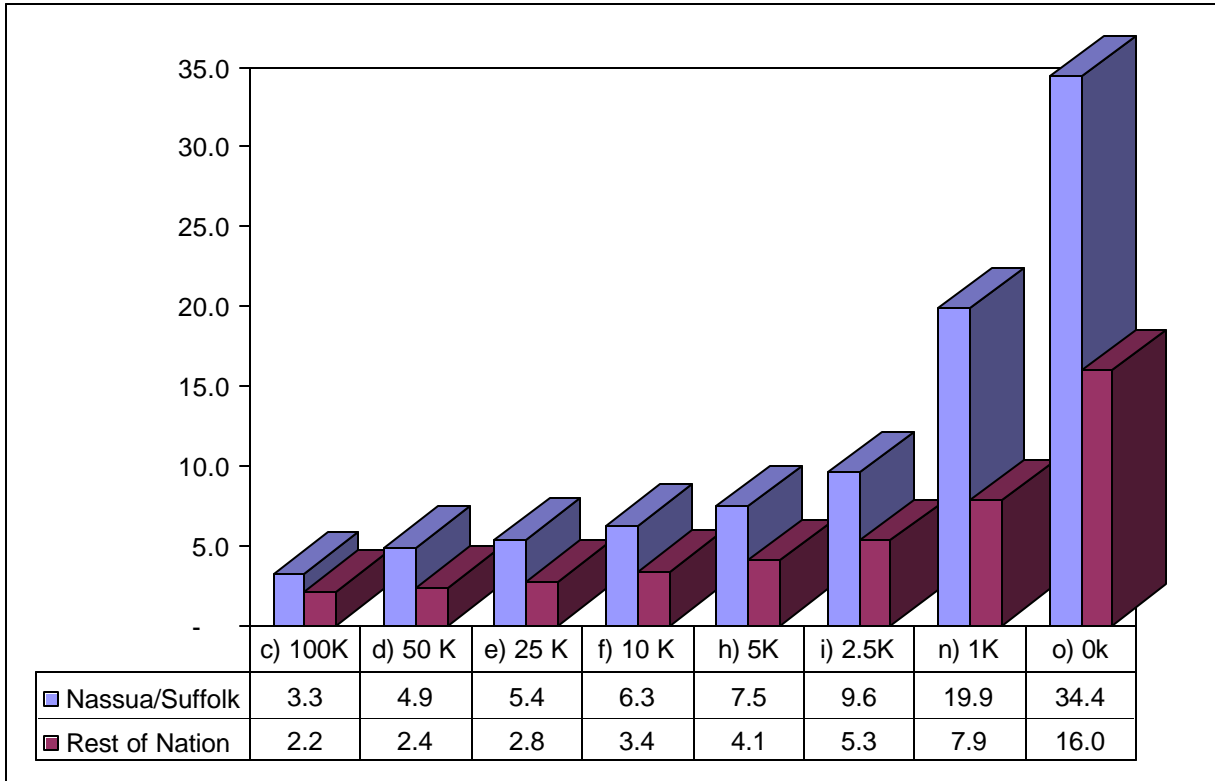
**Regardless of population category, Nassau/Suffolk libraries are more fully staffed than libraries in the rest of the nation.**

## Input Measure 5. Periodicals per capita



**Nassau and Suffolk libraries have many more magazines to offer than their national counterpart libraries at all but the smallest population levels.**

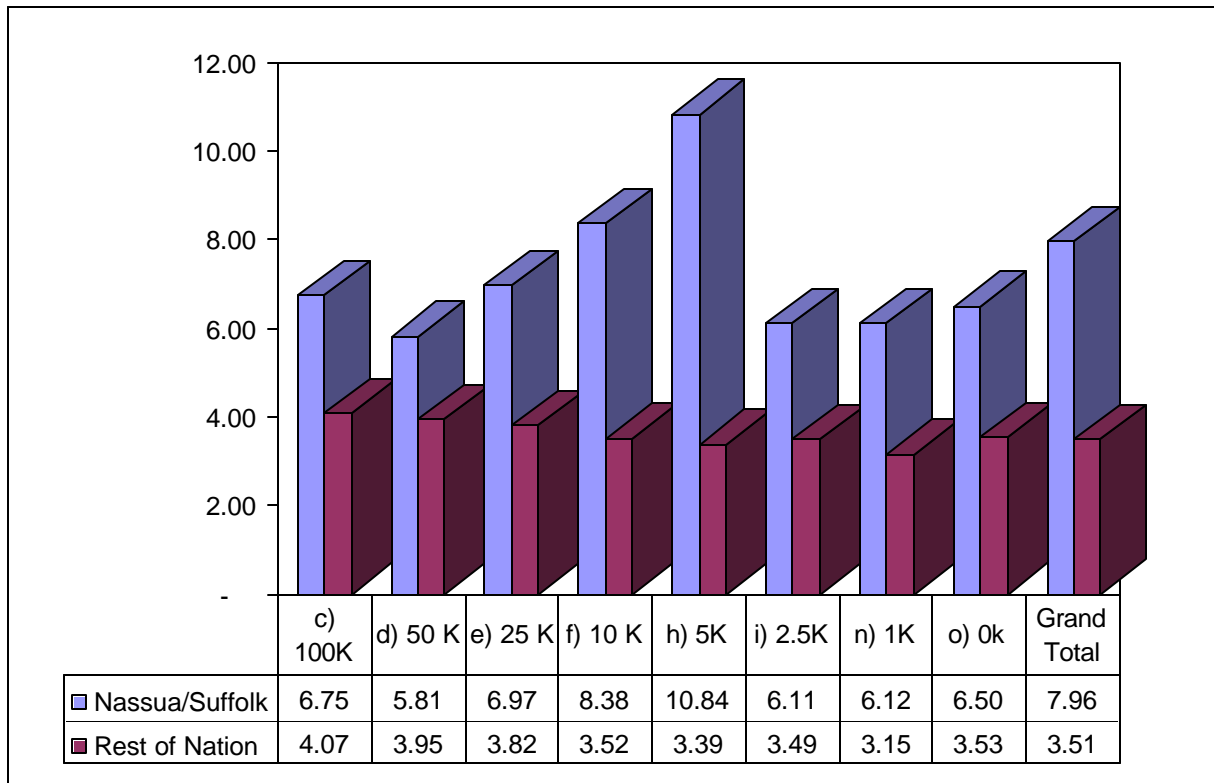
## Input Measure 6. Book volumes per capita



**Nassau/Suffolk residents have more books to choose from than most U.S. residents.**

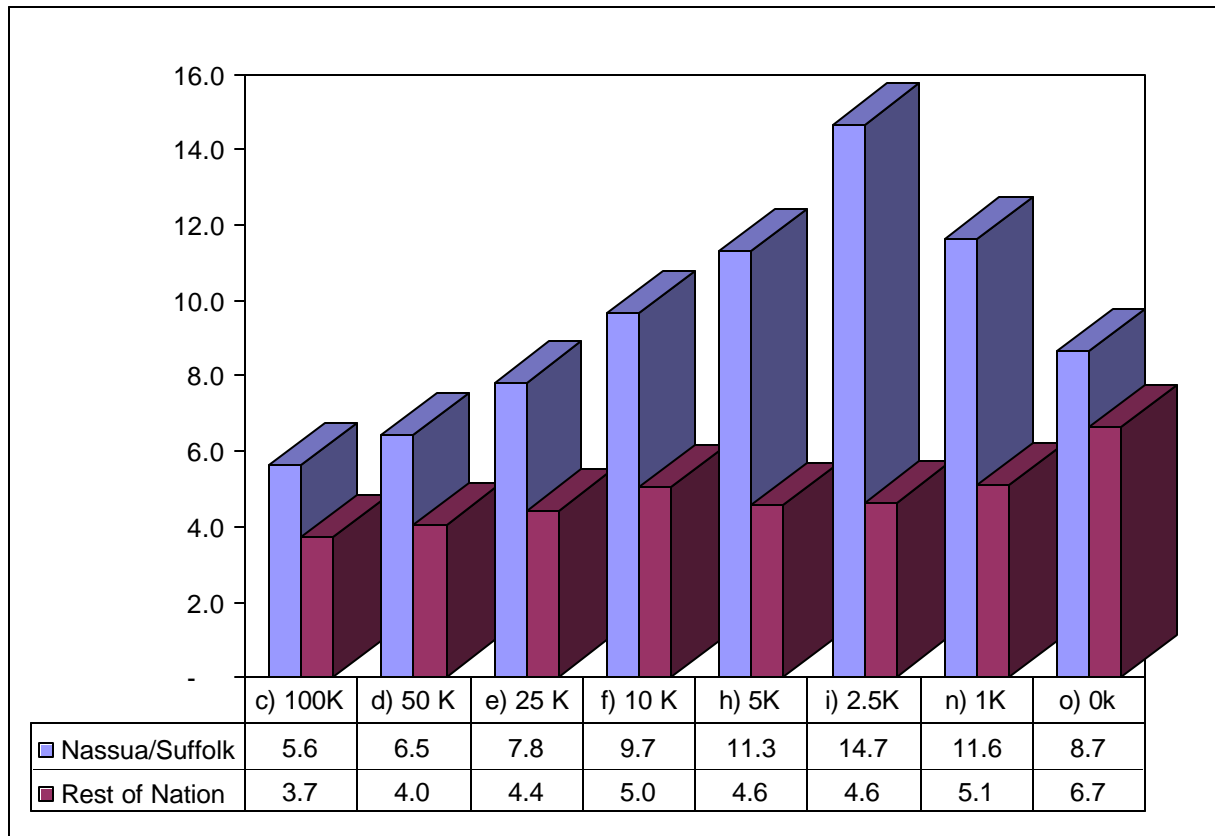
### Section 3. Output Measures

#### Output Measure 1. Average cost per circulation



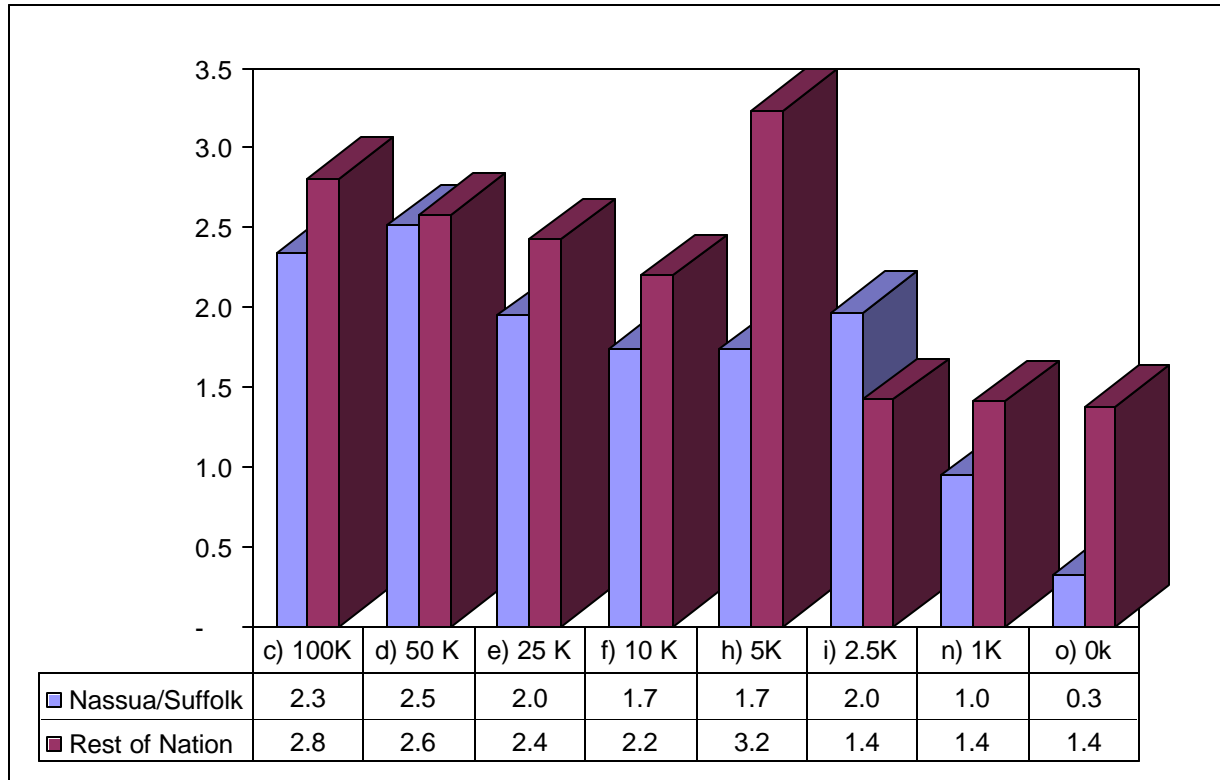
**It costs more on average to circulate an item in Suffolk/Nassau than in most U.S. Libraries.**

## Output Measure 2. Visits per capita



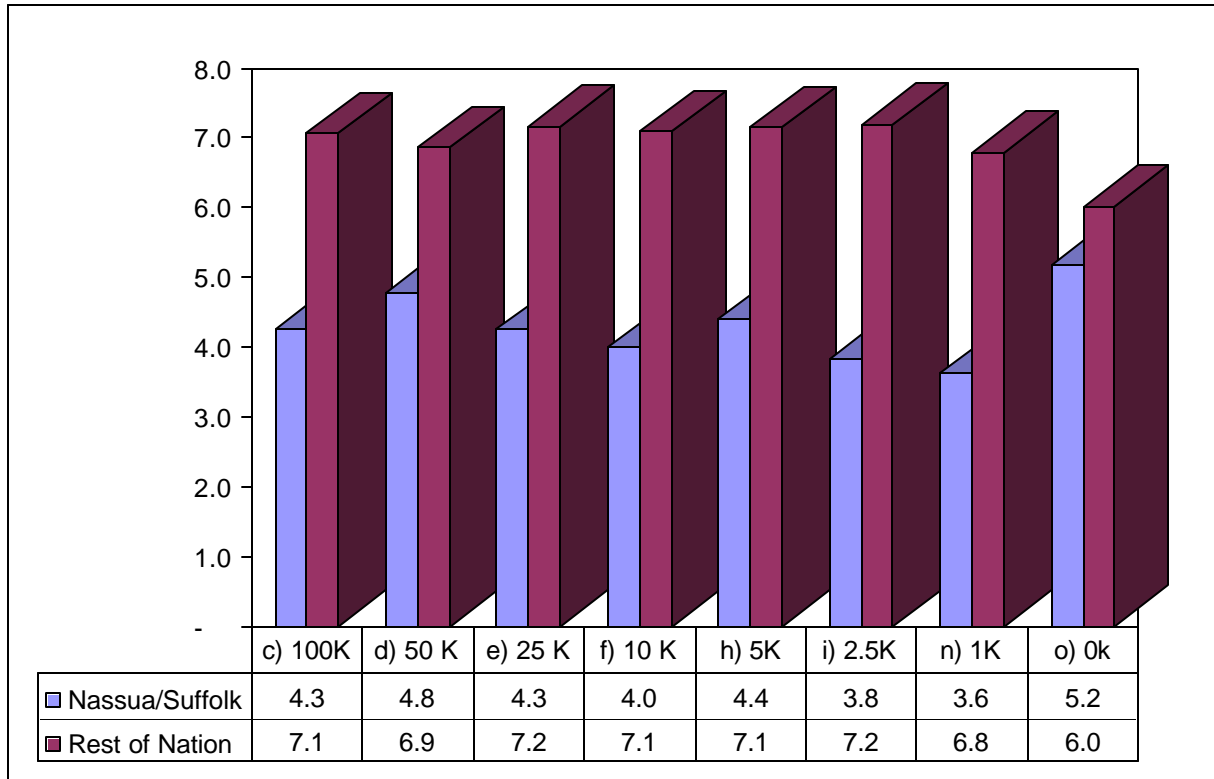
**Nassau and Suffolk libraries are visited more frequently than other U.S. libraries.**

### Output Measure 3. Collection Turnover Rates



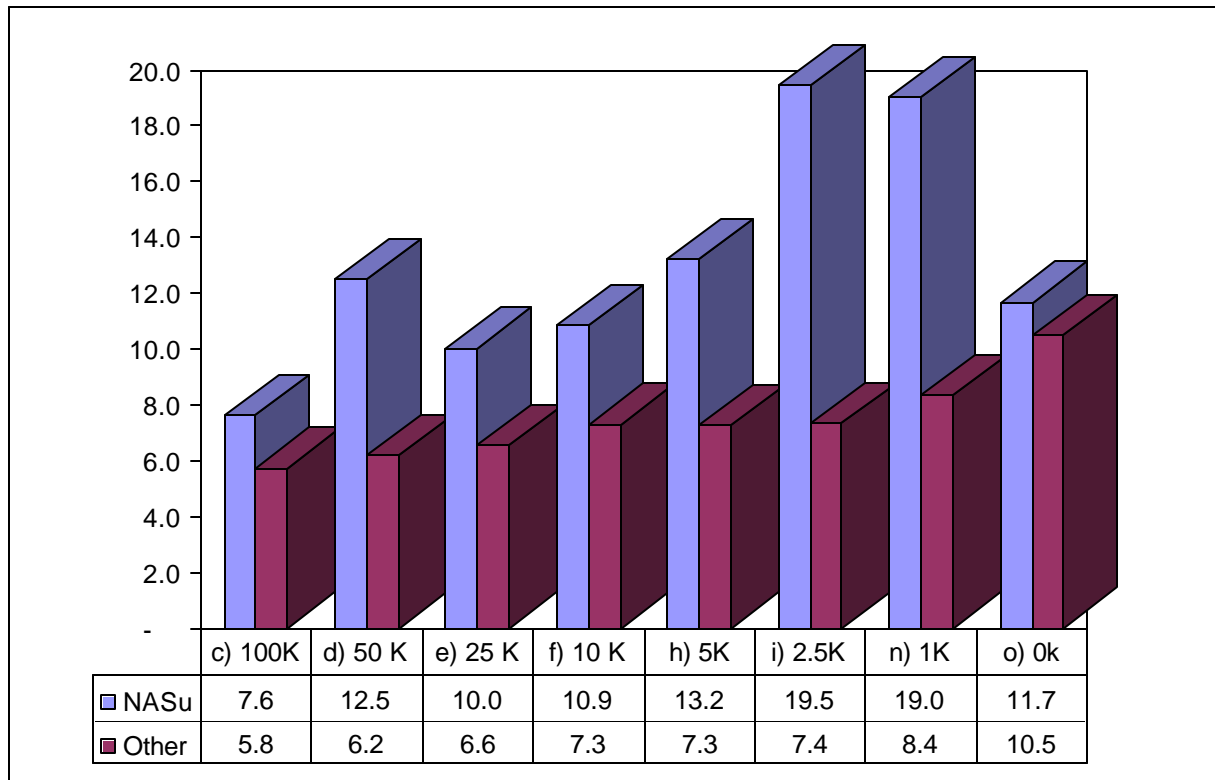
**Collections in Nassau and Suffolk see a turnover rate slightly lower than the rest of the country.**

### Output Measure 4. Circulation per Staff Member



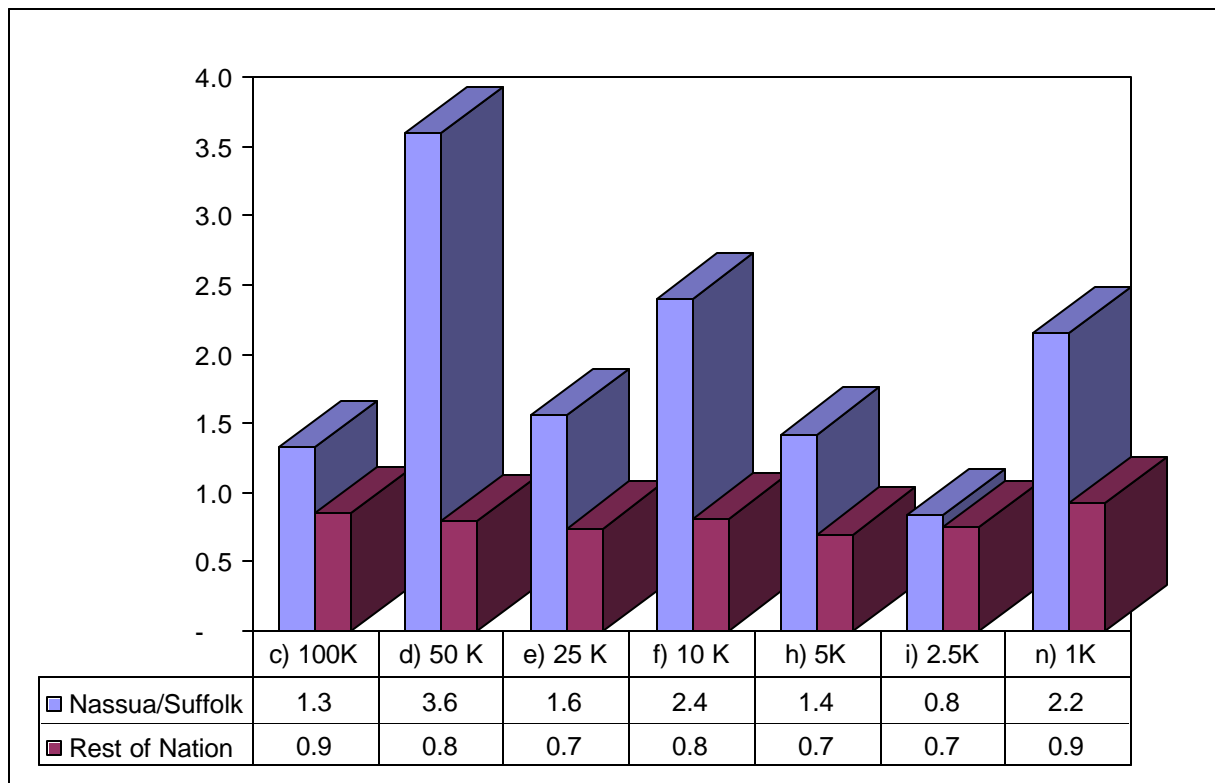
**Nassau and Suffolk libraries lend fewer items per staff member than other libraries in the nation**

### Output Measure 5. Circulation per capita



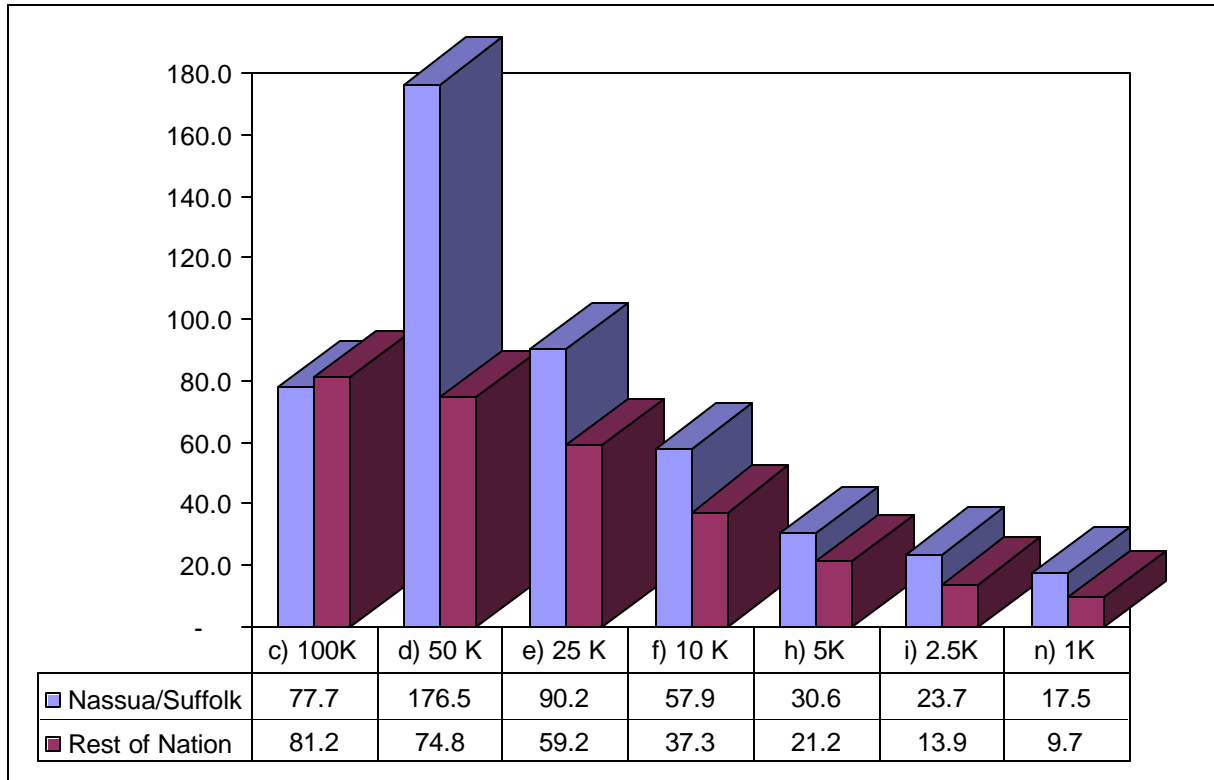
**On average, residents of Suffolk and Nassau Counties borrow more materials than other Americans.**

## Output Measure 6. Reference Per capita



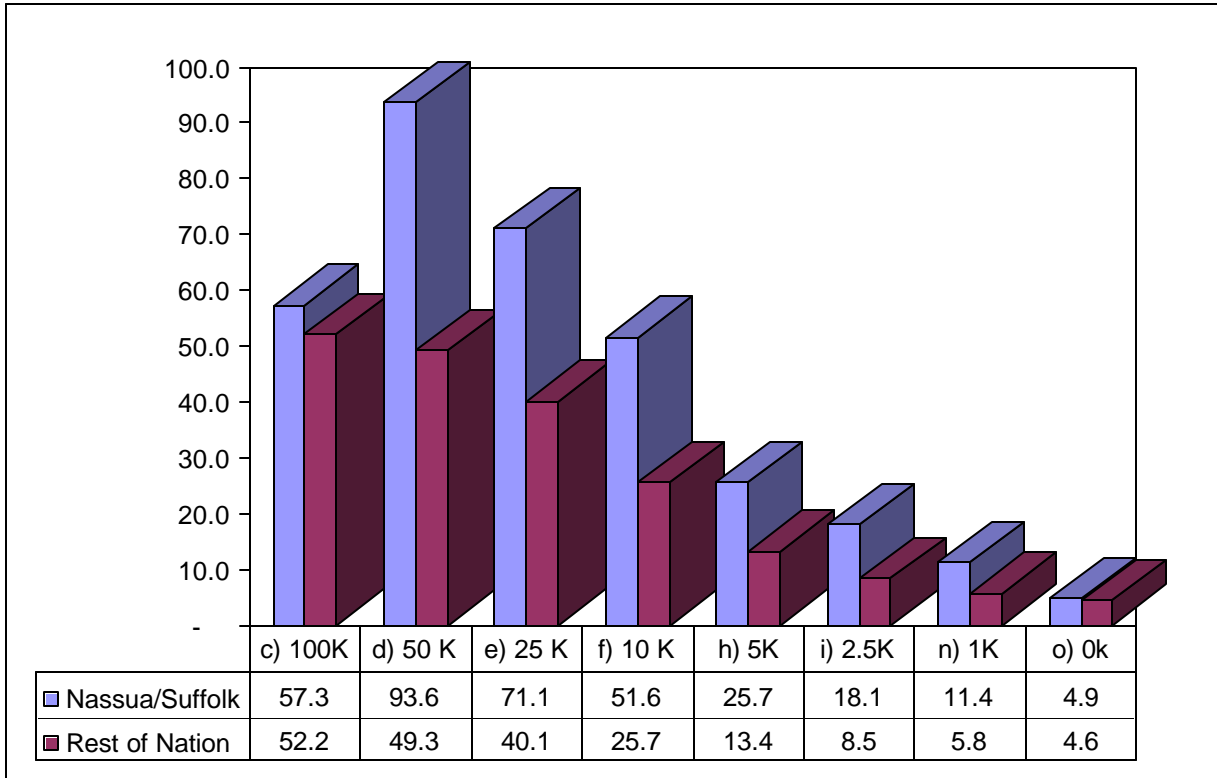
**Suffolk and Nassau libraries answer more reference questions per resident than most U.S. libraries.**

**Output Measure 7. Circulation per hour open.**



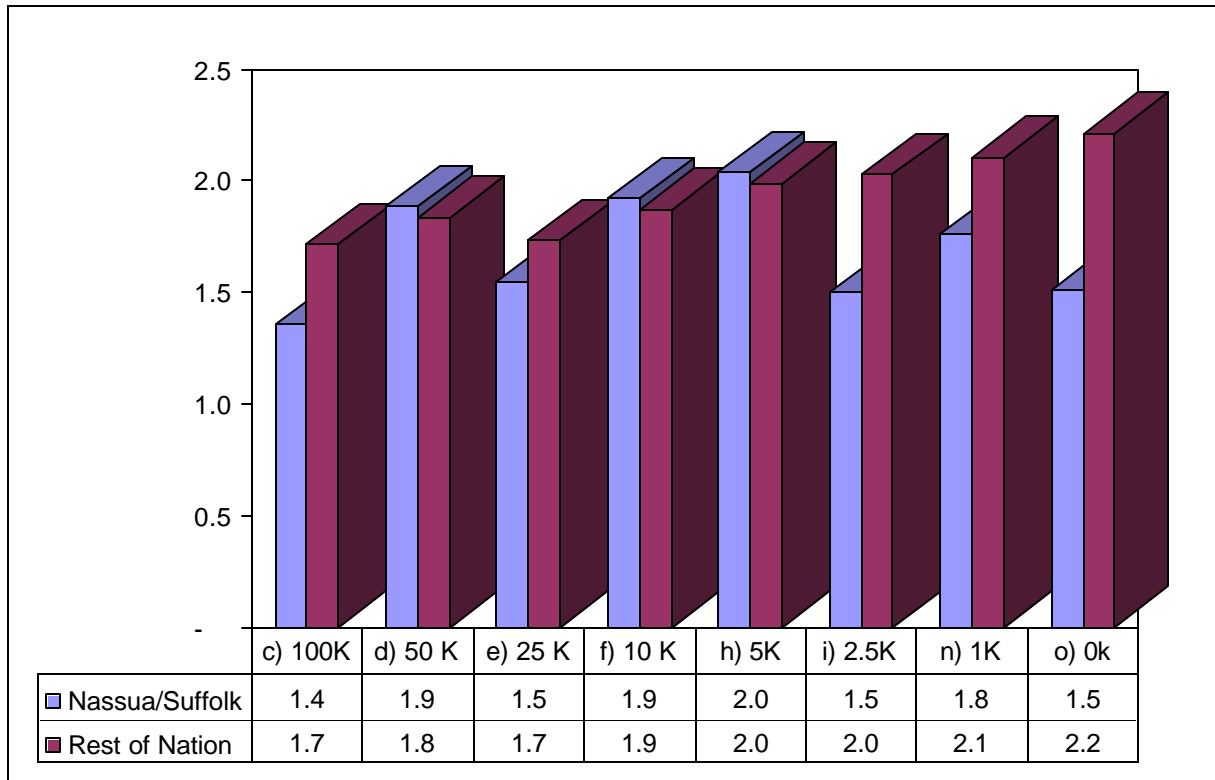
**Suffolk and Nassau libraries are visited per hour about as frequently as most U.S. libraries -- except for the 50K population group which is visited much more often.**

**Output Measure 8. Visits per open Hour**



**Suffolk and Nassau libraries are visited more per hour than must U.S. libraries – especially in the 10,000 to 99,999 population range.**

**Output Measure 9. Circulation per visit**



**On an average visit, most Nassau and Suffolk library users borrow about the same number of items as other U.S. library users.**

## Section 4. Comparison Percentiles.

This section indicates the national average percentile comparisons for libraries in each population grouping. Individual libraries can judge for themselves how their library compares to these national percentile measures. Individualized or special county or regional reports are available from the author at the haplr-index.com web site at: <http://www.haplr-index.com>

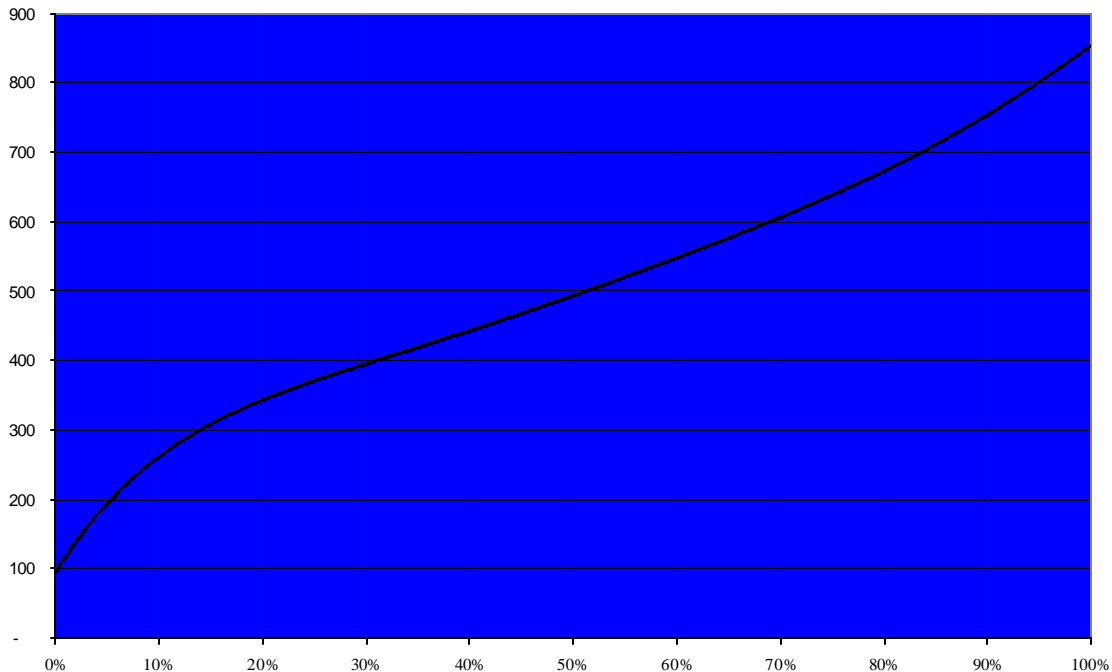
**The following provides only a rough scoring for HAPLR, not a precise number, but an interested party should be able to calculate an approximate score. Only the 95<sup>th</sup>, 75<sup>th</sup>, 50<sup>th</sup>, 25<sup>th</sup>, and 5<sup>th</sup> percentiles are indicated in order to save space. The actual method uses the precise percentile measures.**

**For the “Sample Library” on the next page, we observe the following:**

On Expenditure per Capita, the library is approximately in the 75<sup>th</sup> percentile. The HAPLR weight is three for this measure. We then multiply the percentile rank by the weight and then divide the total by 0.029 for a score of 78 out of a maximum possible of 103.

Applying the same procedure for all 15 measures results in a score of 659 out of a total of 1,000 possible points. Once one knows the HAPLR score one need only use the graph for that population category to arrive at a rough estimate of the percentile rank of the library on the composite measure. For the 100K population chart here, for instance, a library with a score of 600 would read across to find the graph line intersection at about the 70<sup>th</sup> percentile.

Composite HAPLR Score and Percentile Ranks 100 K Popul.

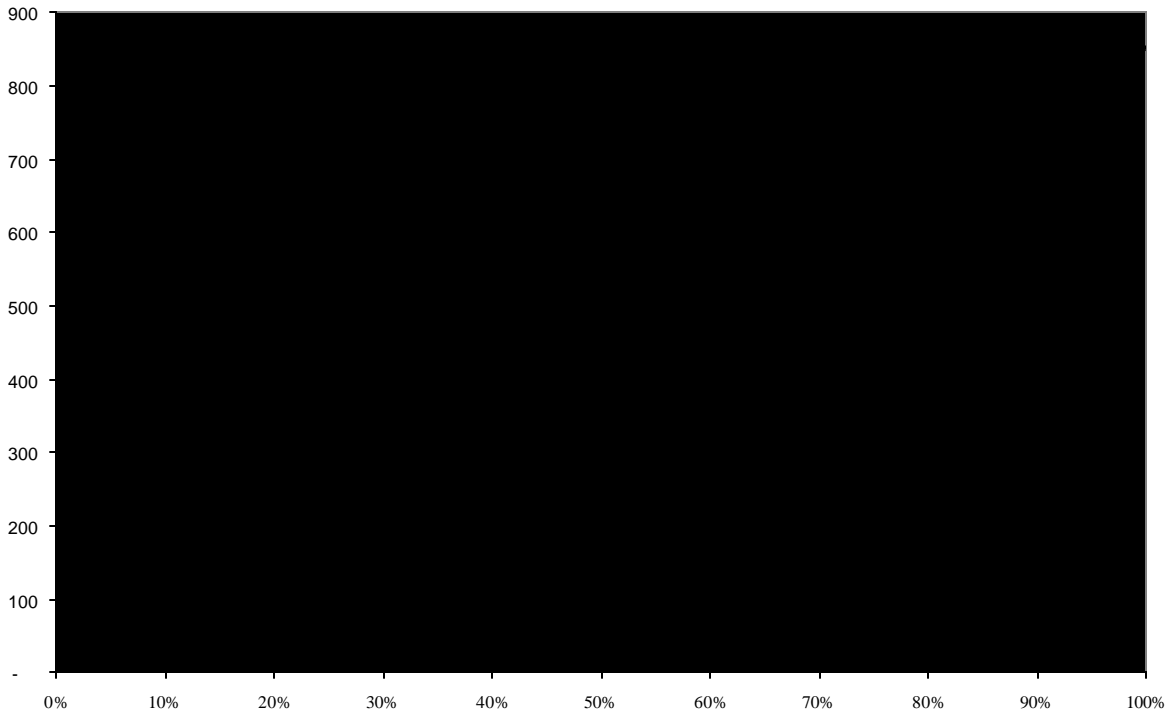


### Percentile Comparison 1: 100K Population category

Factor	95	75	50	25	5
Expend. per capita	\$42.97	\$25.63	\$17.57	\$11.16	\$6.18
Percent Budget to materials	23.5%	18.0%	15.3%	12.2%	8.9%
Materials Expend. Per capita	\$7.04	\$3.77	\$2.59	\$1.80	\$0.91
FTE staff per 1,000 popul	0.8	0.5	0.4	0.3	0.1
Periodicals per 1000 residents	12.3	6.8	4.1	3.1	1.4
Volumes per Capita	4.2	2.7	2.0	1.4	0.9
Cost per circulation (low to high)	\$1.86	\$2.72	\$3.40	\$4.43	\$7.89
Visits per capita	7.5	4.8	3.3	2.4	0.8
Collection turnover	5.1	3.5	2.7	1.9	1.0
Circulation per FTE Staff Hour	12.0	8.4	6.6	5.3	3.0
Circulation per Capita	12.3	7.6	4.9	3.3	1.6
Reference per capita	2.2	1.1	0.6	0.3	0.1
Circulation per hour	215.5	99.4	59.8	35.3	16.7
Visits per hour	132.5	68.2	41.8	24.3	9.6
Circulation per visit	3.2	1.9	1.5	1.2	0.8

Factor	Sample Library	HALPR Weight	Percentile	HALPR score (Weight times Percentile)divided by 0.029	HALPR maximum
Expend. per capita	\$27.02	3	75%	78	103
Percent Budget to materials	16.9%	2	50%	34	69
Materials Expend. Per capita	\$4.56	2	75%	52	69
FTE staff per 1,000 popul	0.41	2	50%	34	69
Periodicals per 1000 residents	4.6	1	50%	17	34
Volumes per Capita	2.5	1	50%	17	34
Cost per circulation (low to high)	\$2.28	3	75%	78	103
Visits per capita	4.6	3	50%	52	103
Collection turnover	4.7	2	75%	52	69
Circulation per FTE Staff Hour	13.9	2	95%	66	69
Circulation per Capita	11.9	2	75%	52	69
Reference per capita	0.01	2	5%	3	69
Circulation per hour	379.7	2	95%	66	69
Visits per hour	148.5	1	95%	33	34
Circulation per visit	2.6	1	75%	26	34
Combined		29		659	1,000

**Composite HAPLR Score and Percentile Ranks 100 K Popul.**

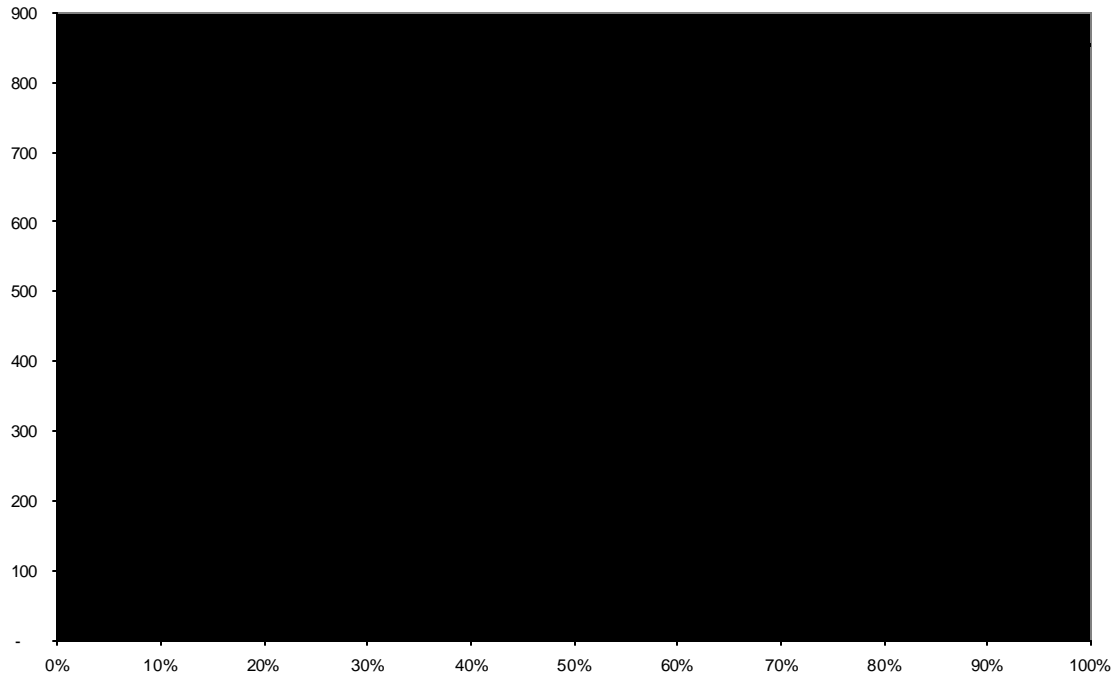


**Percentile Comparison 2: 50K Population category**

Measurement Category	95th Percentile	75	50	25	5th Percentile
<b>Expend. per capita</b>	\$51.55	\$28.43	\$17.65	\$10.99	\$5.68
<b>Percent Budget to materials</b>	23.9%	18.5%	15.1%	12.3%	8.5%
<b>Materials Expend. Per capita</b>	\$8.01	\$4.32	\$2.73	\$1.66	\$0.70
<b>FTE staff per 1,000 popul</b>	0.9	0.6	0.4	0.3	0.2
<b>Periodicals per 1000 residents</b>	15.4	7.3	5.0	3.2	1.6
<b>Volumes per Capita</b>	4.8	3.1	2.2	1.6	1.0
<b>Cost per circulation (low to high)</b>	\$7.93	\$2.58	\$3.38	\$4.36	\$1.77
<b>Visits per capita</b>	9.1	5.3	3.6	2.4	0.9
<b>Collection turnover</b>	4.8	3.4	2.5	1.7	0.7
<b>Circulation per FTE Staff Hour</b>	12.4	8.6	6.5	4.9	2.9
<b>Circulation per Capita</b>	15.0	8.3	5.3	3.3	1.6
<b>Reference per capita</b>	2.4	1.0	0.6	0.3	0.1
<b>Circulation per hour</b>	208.3	106.8	55.6	28.3	12.0
<b>Visits per hour</b>	128.7	69.3	41.1	20.0	6.9
<b>Circulation per visit</b>	3.0	2.0	1.5	1.2	0.7

Factor	HALPR Weight	Sample Library	Percentile	HALPR score (Weight times percentile divided by .0029)	HALPR maximum
Expend. per capita	3	\$30.40	75%	78	103
Percent Budget to materials	2	15.7%	50%	34	69
Materials Expend. Per capita	2	\$4.76	75%	52	69
FTE staff per 1,000 popul	2	0.77	75%	52	69
Periodicals per 1000 residents	1	10.5	75%	26	34
Volumes per Capita	1	3.2	75%	26	34
Cost per circulation (low to high)	3	\$3.80	25%	26	103
Visits per capita	3	1.7	5%	5	103
Collection turnover	2	2.5	50%	35	69
Circulation per FTE Staff Hour	2	5.0	25%	17	69
Circulation per Capita	2	8.0	75%	52	69
Reference per capita	2	1.2	75%	52	69
Circulation per hour	2	72.1	50%	34	69
Visits per hour	1	15.7	5%	2	34
Circulation per visit	1	4.6	95%	33	34
<b>Combined</b>	<b>29</b>			<b>523</b>	<b>1,000</b>

Composite HAPLR Score and Percentile Ranks 50 K Popul

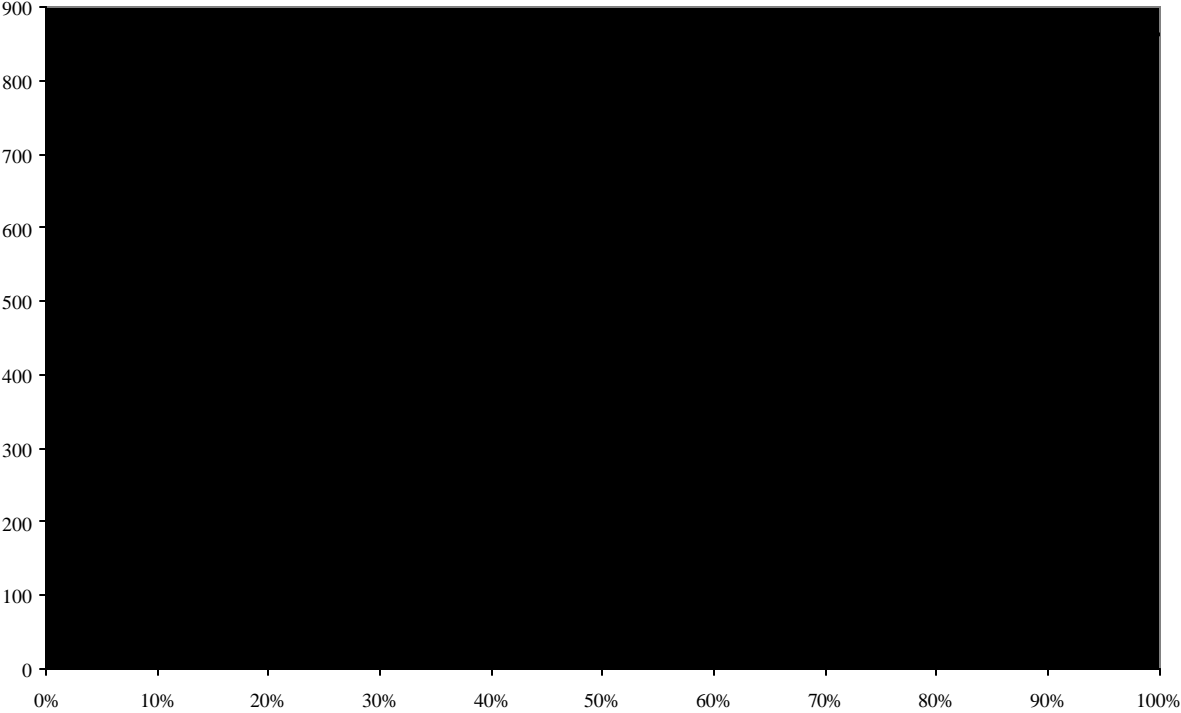


**Percentile Comparison 3: 25 K Population category**

Measurement Category	95th Percentile	75	50	25	5th Percentile
<b>Expend. per capita</b>	\$65.69	\$30.48	\$19.72	\$11.39	\$4.24
<b>Percent Budget to materials</b>	24.0%	18.5%	15.6%	12.9%	9.0%
<b>Materials Expend. Per capita</b>	\$9.72	\$4.93	\$3.09	\$1.67	\$0.63
<b>FTE staff per 1,000 popul</b>	1.2	0.7	0.4	0.3	0.1
<b>Periodicals per 1000 residents</b>	18.7	9.5	6.5	4.0	1.7
<b>Volumes per Capita</b>	6.0	3.7	2.6	1.8	1.0
<b>Cost per circulation (low to high)</b>	\$8.09	\$2.41	\$3.28	\$4.44	\$1.56
<b>Visits per capita</b>	11.1	6.2	4.1	2.2	0.9
<b>Collection turnover</b>	4.7	3.1	2.2	1.6	0.8
<b>Circulation per FTE Staff Hour</b>	13.0	8.4	6.4	4.8	2.8
<b>Circulation per Capita</b>	15.4	9.4	5.9	3.4	1.6
<b>Reference per capita</b>	2.4	1.1	0.5	0.3	0.1
<b>Circulation per hour</b>	165.7	85.4	48.3	25.9	11.1
<b>Visits per hour</b>	106.4	59.1	36.1	16.7	6.0
<b>Circulation per visit</b>	3.2	1.9	1.5	1.2	0.7

Factor	HALPR Weight	Sample Library	Percentile	HALPR score (Weight times percentile divided by .0029)	HALPR maximum
Expend. per capita	3	\$20.75	50%	52	103
Percent Budget to materials	2	23.4%	95%	66	69
Materials Expend. Per capita	2	\$4.86	75%	52	69
FTE staff per 1,000 popul	2	0.46	50%	34	69
Periodicals per 1000 residents	1	10.5	75%	26	34
Volumes per Capita	1	3.0	50%	17	34
Cost per circulation (low to high)	3	\$4.50	25%	26	103
Visits per capita	3	2.4	25%	26	103
Collection turnover	2	1.5	25%	17	69
Circulation per FTE Staff Hour	2	4.8	25%	17	69
Circulation per Capita	2	4.6	25%	17	69
Reference per capita	2	0.6	50%	34	69
Circulation per hour	2	34.8	25%	17	69
Visits per hour	1	18.1	25%	9	34
Circulation per visit	1	1.9	75%	26	34
<b>Combined</b>	<b>29</b>			<b>436</b>	<b>1,000</b>

**Composite HAPLR Score and Percentile Ranks: 25 K Population**

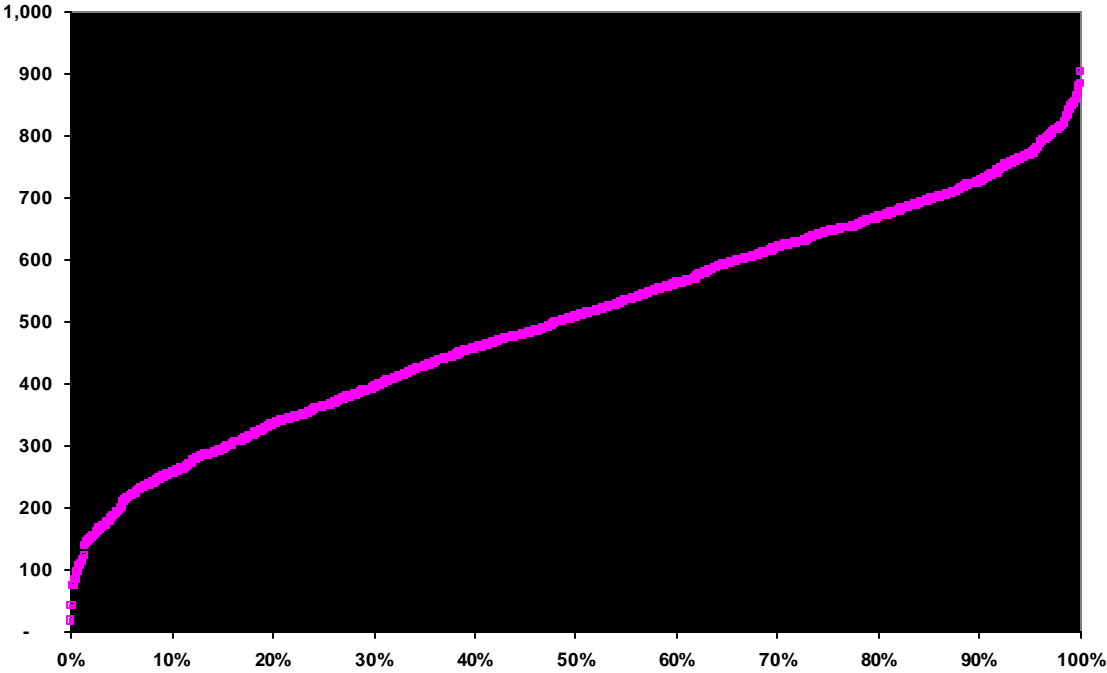


**Percentile Comparison 4: 10 K Population category**

Measurement Category	95th Percentile	75	50	25	5th Percentile
<b>Expend. per capita</b>	\$62.62	\$31.23	\$19.67	\$11.19	\$4.62
<b>Percent Budget to materials</b>	25.6%	19.3%	15.8%	12.7%	8.3%
<b>Materials Expend. Per capita</b>	\$10.30	\$5.12	\$3.05	\$1.69	\$0.63
<b>FTE staff per 1,000 popul</b>	1.2	0.7	0.5	0.3	0.2
<b>Periodicals per 1000 residents</b>	20.7	12.3	8.5	5.0	2.0
<b>Volumes per Capita</b>	6.8	4.5	3.2	2.3	1.2
<b>Cost per circulation (low to high)</b>	\$7.55	\$2.16	\$2.98	\$4.16	\$1.32
<b>Visits per capita</b>	12.7	7.1	4.3	2.3	0.9
<b>Collection turnover</b>	4.2	2.8	2.1	1.4	0.7
<b>Circulation per FTE Staff Hour</b>	12.8	8.7	6.5	4.8	2.8
<b>Circulation per Capita</b>	16.3	10.0	6.6	4.1	1.6
<b>Reference per capita</b>	2.5	1.0	0.5	0.2	0.1
<b>Circulation per hour</b>	86.1	51.9	32.3	19.7	9.1
<b>Visits per hour</b>	66.0	36.4	21.0	11.8	4.9
<b>Circulation per visit</b>	3.8	2.0	1.5	1.1	0.7

Factor	HALPR Weight	Amount	Percentile	HALPR score (Weight times Percentile divided by .0029)	HALPR maximum
Expend. per capita	3	\$37.02	75%	78	103
Percent Budget to materials	2	12.7%	25%	17	69
Materials Expend. Per capita	2	\$4.70	75%	52	69
FTE staff per 1,000 popul	2	0.88	75%	52	69
Periodicals per 1000 residents	1	8.8	50%	17	34
Volumes per Capita	1	3.7	50%	17	34
Cost per circulation (low to high)	3	\$3.22	50%	52	103
Visits per capita	3	13.0	95%	98	103
Collection turnover	2	3.1	75%	52	69
Circulation per FTE Staff Hour	2	6.3	50%	34	69
Circulation per Capita	2	11.5	75%	52	69
Reference per capita	2	0.5	50%	34	69
Circulation per hour	2	46.8	75%	52	69
Visits per hour	1	53.0	75%	26	34
Circulation per visit	1	0.9	5%	2	34
<b>Combined</b>	<b>29</b>			<b>634</b>	<b>1,000</b>

Composite HAPLR Score and Percentile Rank: 10K Population Category

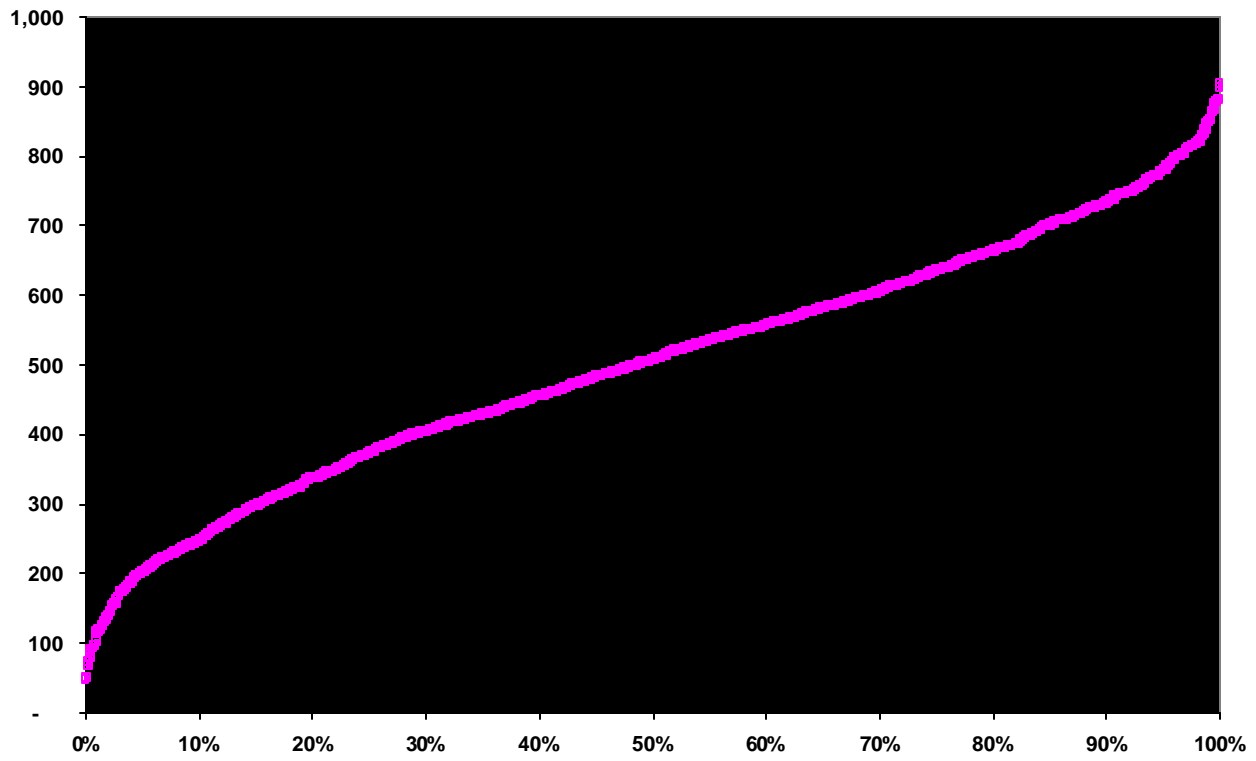


**Percentile Comparison 5: 5 K Population category**

Measurement Category	95th Percentile	75	50	25	5th Percentile
<b>Expend. per capita</b>	\$55.56	\$27.06	\$17.48	\$10.53	\$4.46
<b>Percent Budget to materials</b>	28.6%	20.6%	16.6%	13.1%	7.9%
<b>Materials Expend. Per capita</b>	\$9.28	\$4.66	\$2.89	\$1.68	\$0.58
<b>FTE staff per 1,000 popul</b>	1.2	0.7	0.5	0.3	0.1
<b>Periodicals per 1000 residents</b>	24.8	15.5	10.5	6.3	2.0
<b>Volumes per Capita</b>	7.6	5.1	3.9	2.8	1.7
<b>Cost per circulation (low to high)</b>	\$6.69	\$1.97	\$2.67	\$3.92	\$1.17
<b>Visits per capita</b>	12.3	6.2	3.9	2.2	0.8
<b>Collection turnover</b>	3.6	2.2	1.7	1.2	0.6
<b>Circulation per FTE Staff Hour</b>	13.4	8.6	6.5	4.7	2.7
<b>Circulation per Capita</b>	17.2	9.5	6.5	4.0	1.6
<b>Reference per capita</b>	2.4	0.9	0.4	0.2	0.1
<b>Circulation per hour</b>	45.5	27.3	19.1	12.6	5.6
<b>Visits per hour</b>	34.7	17.6	11.3	7.1	3.1
<b>Circulation per visit</b>	4.0	2.1	1.6	1.2	0.7

Factor	HALPR Weight	Sample Library	Percentile	HALPR score (Weight times Percentile divided by 0.0029)	HALPR maximum
Expend. per capita	3	\$40.38	89%	92	103
Percent Budget to materials	2	17.3%	55%	38	69
Materials Expend. Per capita	2	\$7.00	89%	61	69
FTE staff per 1,000 popul	2	1.05	93%	64	69
Periodicals per 1000 residents	1	13.8	67%	23	34
Volumes per Capita	1	5.1	75%	26	34
Cost per circulation (low to high)	3	\$2.29	64%	66	103
Visits per capita	3	9.9	91%	94	103
Collection turnover	2	3.4	94%	65	69
Circulation per FTE Staff Hour	2	8.1	70%	48	69
Circulation per Capita	2	17.7	95%	66	69
Reference per capita	2	1.7	91%	63	69
Circulation per hour	2	58.6	98%	67	69
Visits per hour	1	32.7	94%	32	34
Circulation per visit	1	1.8	60%	21	34
<b>Combined</b>	<b>29</b>			<b>827</b>	<b>1,000</b>

Composite HAPLR Score and Percentile Rank: 5 K Population Category

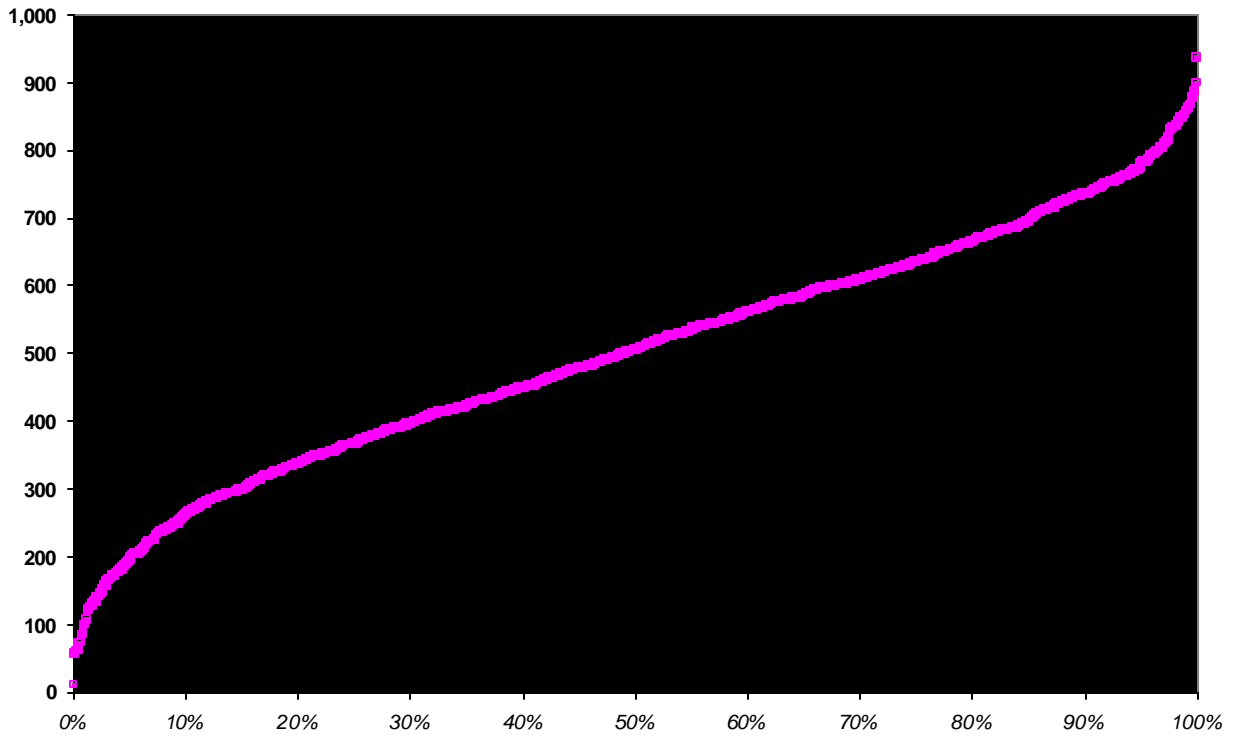


**Percentile Comparison 6: 2.5 K Population category**

Measurement Category	95th Percentile	75	50	25	5th Percentile
<b>Expend. per capita</b>	\$48.61	\$23.87	\$15.30	\$9.80	\$4.00
<b>Percent Budget to materials</b>	34.0%	23.9%	18.6%	14.0%	7.4%
<b>Materials Expend. Per capita</b>	\$8.01	\$4.52	\$2.84	\$1.75	\$0.58
<b>FTE staff per 1,000 popul</b>	1.2	0.7	0.5	0.3	0.2
<b>Periodicals per 1000 residents</b>	32.9	19.7	13.1	8.0	1.9
<b>Volumes per Capita</b>	10.1	6.6	4.9	3.6	2.1
<b>Cost per circulation (low to high)</b>	\$6.89	\$3.55	\$2.46	\$3.55	\$1.10
<b>Visits per capita</b>	12.3	5.8	3.6	2.2	0.8
<b>Collection turnover</b>	2.9	1.8	1.3	0.9	0.5
<b>Circulation per FTE Staff Hour</b>	14.3	9.0	6.5	4.3	2.4
<b>Circulation per Capita</b>	16.8	9.5	6.3	3.8	1.6
<b>Reference per capita</b>	2.6	0.9	0.4	0.2	0.0
<b>Circulation per hour</b>	29.8	17.6	12.6	8.2	4.0
<b>Visits per hour</b>	20.4	10.7	7.3	4.7	2.1
<b>Circulation per visit</b>	4.0	2.2	1.7	1.3	0.8

Factor	HALPR Weight	Sample Library	Percentile	HALPR score (Weight times Percentile divided by .0029)	HALPR maximum
Expend. per capita	3	\$18.93	63%	65	103
Percent Budget to materials	2	20.1%	58%	40	69
Materials Expend. Per capita	2	\$3.80	66%	46	69
FTE staff per 1,000 popul	2	0.40	39%	27	69
Periodicals per 1000 residents	1	18.4	72%	25	34
Volumes per Capita	1	8.3	86%	30	34
Cost per circulation (low to high)	3	\$1.79	74%	76	103
Visits per capita	3	2.4	29%	30	103
Collection turnover	2	1.3	51%	35	69
Circulation per FTE Staff Hour	2	12.7	92%	63	69
Circulation per Capita	2	10.6	80%	55	69
Reference per capita	2	0.4	52%	36	69
Circulation per hour	2	15.9	68%	47	69
Visits per hour	1	3.6	15%	5	34
Circulation per visit	1	4.4	97%	33	34
<b>Combined</b>	<b>29</b>			<b>613</b>	<b>1,000</b>

Composite HAPLR Score and Percentile Rank: 2.5 K Population Category

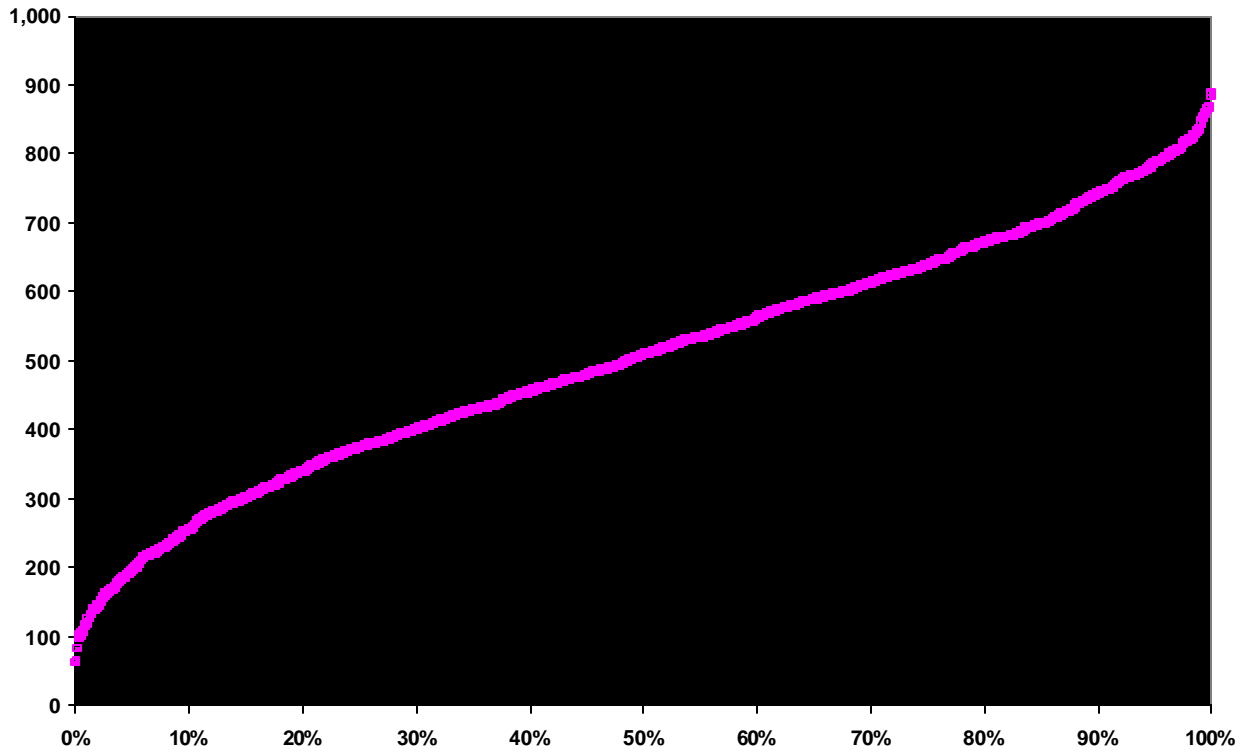


**Percentile Comparison 7: 1 K Population category**

Measurement Category	95th Percentile	75	50	25	5th Percentile
<b>Expend. per capita</b>	\$50.15	\$25.64	\$16.55	\$10.15	\$4.77
<b>Percent Budget to materials</b>	39.6%	26.8%	20.7%	14.9%	8.2%
<b>Materials Expend. Per capita</b>	\$9.90	\$5.53	\$3.41	\$2.01	\$0.68
<b>FTE staff per 1,000 popul</b>	1.5	0.8	0.6	0.4	0.2
<b>Periodicals per 1000 residents</b>	49.6	30.8	19.1	9.8	1.3
<b>Volumes per Capita</b>	15.4	9.7	7.4	5.2	3.1
<b>Cost per circulation (low to high)</b>	\$6.50	\$1.71	\$2.41	\$3.45	\$0.98
<b>Visits per capita</b>	12.6	6.6	4.1	2.4	0.9
<b>Collection turnover</b>	2.4	1.4	1.0	0.6	0.3
<b>Circulation per FTE Staff Hour</b>	14.4	8.7	6.1	4.0	1.9
<b>Circulation per Capita</b>	21.6	11.2	6.9	4.1	1.7
<b>Reference per capita</b>	3.0	1.0	0.4	0.2	0.0
<b>Circulation per hour</b>	21.7	13.1	8.5	5.5	2.5
<b>Visits per hour</b>	12.7	7.5	5.0	3.2	1.4
<b>Circulation per visit</b>	4.3	2.3	1.7	1.3	0.8

Measurement Category	HALPR Weight	Sample Library	Percentile	HAPLR Score (Weight times Percentile divided by 0.0029)	HALPR maximum
Expend. per capita	3	\$24.70	75%	78	103
Percent Budget to materials	2	22.7%	50%	34	69
Materials Expend. Per capita	2	\$5.59	75%	52	69
FTE staff per 1,000 popul	2	0.5	50%	34	69
Periodicals per 1000 residents	1	21.8	50%	17	34
Volumes per Capita	1	6.5	25%	9	34
Cost per circulation (low to high)	3	\$2.61	25%	26	103
Visits per capita	3	5.1	50%	52	103
Collection turnover	2	1.5	75%	52	69
Circulation per FTE Staff Hour	2	8.5	75%	52	69
Circulation per Capita	2	9.4	50%	34	69
Reference per capita	2	0.2	25%	17	69
Circulation per hour	2	12.0	75%	52	69
Visits per hour	1	6.5	50%	17	34
Circulation per visit	1	1.8	50%	17	34
Combined	29			543	1,000

Composite HAPLR Score and Percentile Rank: 1K Population Group

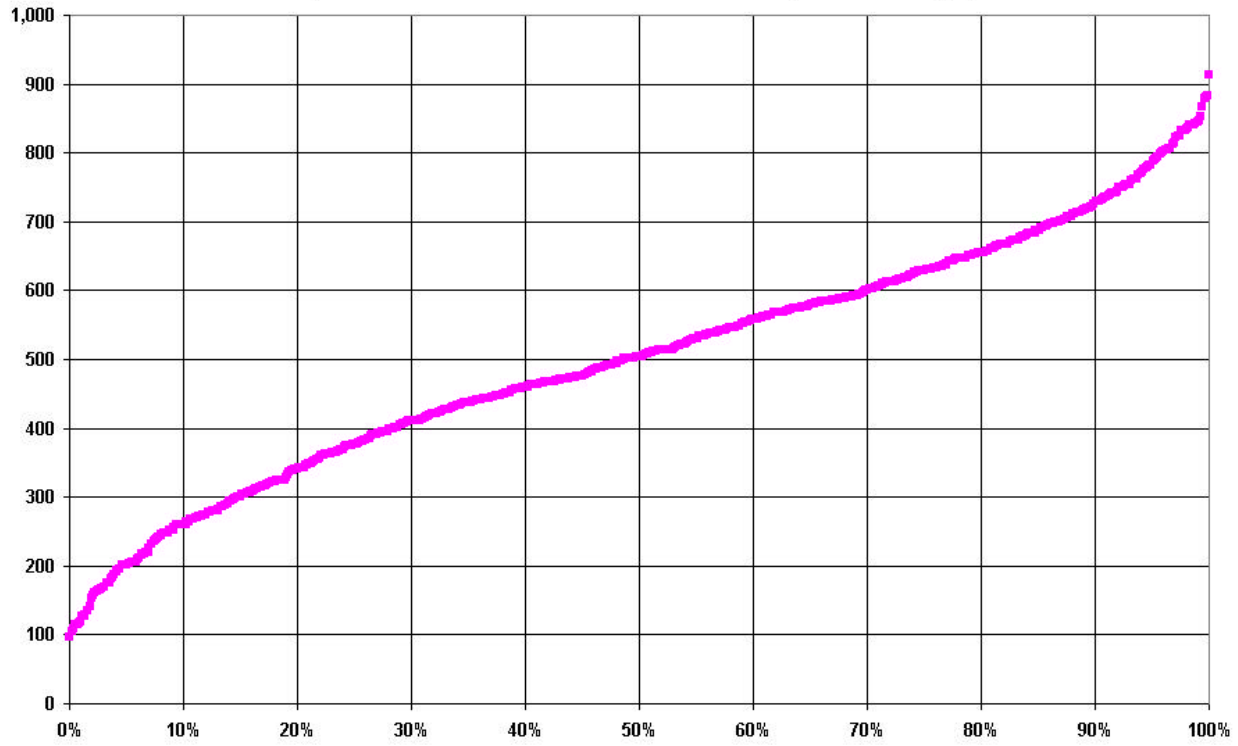


**Percentile Comparison 8: Under 1 K Population category**

Measurement Category	95th Percentile	75	50	25	5th Percentile
<b>Expend. per capita</b>	\$78.90	\$35.06	\$20.28	\$13.30	\$5.96
<b>Percent Budget to materials</b>	46.1%	28.3%	20.6%	14.4%	2.8%
<b>Materials Expend. Per capita</b>	\$15.19	\$7.53	\$4.31	\$2.26	\$0.42
<b>FTE staff per 1,000 popul</b>	2.6	1.3	0.8	0.6	0.3
<b>Periodicals per 1000 residents</b>	130.1	56.9	31.5	13.4	-
<b>Volumes per Capita</b>	37.1	20.3	13.6	9.1	5.5
<b>Cost per circulation (low to high)</b>	\$8.21	\$1.61	\$2.49	\$3.79	\$0.88
<b>Visits per capita</b>	18.6	8.9	5.4	2.9	1.0
<b>Collection turnover</b>	2.0	1.1	0.6	0.4	0.2
<b>Circulation per FTE Staff Hour</b>	15.1	7.9	5.0	3.2	1.2
<b>Circulation per Capita</b>	31.3	14.5	8.5	4.9	1.9
<b>Reference per capita</b>	3.7	1.2	0.5	0.2	0.0
<b>Circulation per hour</b>	19.0	9.1	5.8	3.5	1.4
<b>Visits per hour</b>	10.4	5.5	3.5	2.0	0.8
<b>Circulation per visit</b>	4.7	2.4	1.6	1.2	0.7

Measurement Category	HALPR Weight	Sample Library	Percentile	HAPLR Score (Weight times Percentile divided by .0029)	HALPR maximum
<b>Expend. per capita</b>	3	\$36.16	75%	78	103
<b>Percent Budget to materials</b>	2	13.9%	25%	17	69
<b>Materials Expend. Per capita</b>	2	\$5.02	50%	34	69
<b>FTE staff per 1,000 popul</b>	2	1.3	75%	52	69
<b>Periodicals per 1000 residents</b>	1	48.5	50%	17	34
<b>Volumes per Capita</b>	1	18.6	50%	17	34
<b>Cost per circulation (low to high)</b>	3	\$2.60	50%	52	103
<b>Visits per capita</b>	3	9.8	75%	78	103
<b>Collection turnover</b>	2	0.7	50%	34	69
<b>Circulation per FTE Staff Hour</b>	2	5.2	50%	34	69
<b>Circulation per Capita</b>	2	13.9	75%	52	69
<b>Reference per capita</b>	2	1.4	75%	52	69
<b>Circulation per hour</b>	2	8.0	50%	34	69
<b>Visits per hour</b>	1	5.7	75%	26	34
<b>Circulation per visit</b>	1	1.4	25%	9	34
<b>Combined</b>	29			586	1,000

Composite HAPLR Scores and Percentiles: OK Population Category



## Appendix Data

### Explanation of Data Elements in the FSCS Measures

LIBID	Library ID number assigned by state library
LIBNAME	Library Name
ADDRESS	Address of the main library
CITY	City in which library is located
STABR	State
ZIP1	Five digit zip code
ZIP2	Extended zip code
PHONE	Phone number of main library
POPU	Population of library service area as assigned by state library
CENTLIB	Central Library
BRANLIB	Branch library
BKMOB	Bookmobile
MASTER	Librarians with masters degree
LIBRARIAN	Librarians without masters degree
OTHPAID	Other paid staff
TOTPEMP	Total staff
LOGVGT	Local government revenues
STGVT	State government revenue
FEDGVT	Federal government revenue
OTHINCM	Other income
TOTINCM	Total Income
SALARIES	Salary costs
BENEFIT	Benefit costs
TOTEXP	Total salaries and benefits expenditures
TOTEXPCOL	Total expenditures on library materials
OTHOPEXP	Expenditures on other
TOTOPEXPI	Total operating expenditures
CAPITAL	Capital expenditures
BKVOL	Book volumes owned
AUDIO	Audio items owned
VIDEO	Video items owned
SUBSCRIPT	Subscriptions to periodicals
DUPLI	Hours open at all service outlets
ATTEND	Annual visits to the library
REFERENCE	Reference questions answered
TOTCIR	Total Circulation
LOANTO	Interlibrary loans to the library
LOANFM	Interlibrary loans from the library
KIDCIRCL	Children's circulation
KIDATTEND	Attendance at children's programs

## HAPLR Scores and Percentile Ranks for Nasau and Suffolk Libraries

Pop Cat	Library	HAPLR Score	Percentile
c) 100K	Smithtown Library	605	70%
d) 50 K	Brentwood Public Library	575	64%
	East Meadow Public Library	711	85%
	Longwood Public Library	766	91%
	Middle Country Public Library	767	91%
	Sachem Public Library	724	87%
e) 25 K	Baldwin Public Library	653	76%
	Bay Shore-Brightwaters Public Library	576	62%
	Brookhaven Free Library	302	16%
	Central Islip Public Library	606	66%
	Connetquot Public Library	767	93%
	Copiague Memorial Public Library	710	86%
	Deer Park Public Library	568	60%
	East Islip Public Library	539	56%
	Elmont Public Library	519	53%
	Emma S. Clark Memorial Library	784	94%
	Farmingdale Public Library	690	83%
	Freeport Memorial Library	595	64%
	Great Neck Library	686	82%
	Half Hollow Hills Community Library	633	71%
	Hempstead Public Library	471	45%
	Henry Waldinger Memorial Library	508	51%
	Hicksville Public Library	556	58%
	Huntington Public Library	612	67%
	Levittown Public Library	641	73%
	Lindenhurst Memorial Library	710	86%
	Long Beach Public Library	420	37%
	Massapequa Public Library	645	74%
	Mastics-Moriches-Shirley Community Lib	681	81%
	North Babylon Public Library	574	61%
	North Bellmore Public Library	631	70%
	Northport Public Library	640	72%
	Oceanside Library	727	89%
	Patchogue-Medford Library	712	87%
	Peninsula Public Library	639	72%
	Plainview-Old Bethpage Library	716	88%
	Port Washington Public Library	664	78%
	Riverhead Free Library	619	68%
	Shelter Rock Public Library	675	81%
South Country Library	739	90%	
South Huntington Public Library	684	82%	
Syosset Public Library	671	80%	

Pop Cat	Library	HAPLR Score	Percentile
25k cont'd	West Babylon Public Library	655	76%
	West Islip Public Library	598	65%
f) 10 K	Amityville Public Library	543	57%
	Babylon Public Library	703	87%
	Bayport-Blue Point Public Library	600	67%
	Bellmore Memorial Library	623	71%
	Bethpage Public Library	653	78%
	Bryant Library	683	83%
	Commack Public Library	N/A	
	Comsewogue Public Library	756	93%
	East Rockaway Public Library	504	49%
	Floral Park Public Library	581	63%
	Franklin Square Public Library	671	81%
	Garden City Public Library	714	88%
	Glen Cove Public Library	562	60%
	Harborfields Public Library	736	91%
	Hewlett-Woodmere Public Library	720	89%
	Hillside Public Library	485	46%
	Island Trees Public Library	417	33%
	Islip Public Library	684	83%
	Jericho Public Library	702	86%
	Lynbrook Public Library	490	47%
	Manhasset Public Library	657	78%
	Merrick Library	744	92%
	Mineola Memorial Library	411	33%
	North Merrick Public Library	483	46%
	North Shore Public Library District	710	88%
	Oyster Bay-East Norwich Public Library	686	83%
	Plainedge Public Library	619	70%
	Rockville Centre Public Library	716	89%
	Rogers Memorial Library	686	83%
	Roosevelt Public Library	296	15%
	Sayville Library	724	90%
	Seaford Public Library	697	85%
Uniondale Public Library	576	62%	
Wantagh Public Library	640	74%	
West Hempstead Public Library	699	86%	
Westbury Memorial Public Library	496	48%	
h) 5K	Bayville Free Library	586	66%
	Center Moriches Free Public Library	775	95%
	Cold Spring Harbor Library	656	78%
	East Hampton Library	767	94%
	Floyd Memorial Library	656	79%
	Hampton Bays Public Library	755	93%

Pop Cat	Library	HAPLR Score	Percentile
5K cont'd	Island Park Public Library	446	38%
	John Jermain Memorial Library	729	89%
	Lakeview Public Library	352	22%
	Locust Valley Library	572	63%
	Malverne Public Library	492	47%
	Mattituck-Laurel Library	761	93%
	New Hyde Park Public Library	391	28%
	Port Jefferson Free Library	779	95%
	Sea Cliff Village Library	460	41%
	Southold Free Library	724	88%
	Williston Park Public Library	746	91%
	Wyandanch Public Library	435	36%
	i) 2.5K	Cutchogue Free Library	763
East Williston Public Library		555	59%
Montauk Library		686	84%
Westhampton Free Library		683	83%
n) 1K	Amagansett Free Library	691	84%
	Shelter Island Public Library Society	684	83%
	The Hampton Library	694	84%
o) 0k	Baiting Hollow Free Library	279	13%
	Fishers Island Library Association	612	72%
	Quogue Library	601	70%
Averages		626	71%

## Sources for Further Information:

"*Great American Public Libraries: HAPLR Ratings 200,*" by Thomas J. Hennen Jr. in **American Libraries**, October 2000. Pages 50 to 54. Available on the World Wide Web at: <http://www.ala.org/online/archive/hennen2.pdf>

"*Great American Public Libraries: HAPLR Ratings, Round Two,*" by Thomas J. Hennen Jr. in **American Libraries** magazine. September 1999. Pages 64 to 67.

"*Go Ahead, Name Them: America's Best Public Libraries.*" By Thomas J. Hennen Jr. **American Libraries** magazine. January 1999. Pages 72 to 76.

### *Hennen's American Public Library Rating Index Home Page*

<http://haplr-index.com>

The author has a home page on the World Wide Web with further information on the rankings and scoring for libraries. It also includes ordering information for individualized ratings for public libraries.

### *Federal-State Cooperative System*

<http://nces.ed.gov/surveys/public.html#contents>

Nationwide public library statistics are collected and disseminated annually through the Federal-State Cooperative System for public library data (FSCS). FSCS completed the collection of 1991 data in July 1992. Statistics are collected from nearly 9,000 public libraries.

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