

Projected Space Needs Update

Belleville Area District Library

July 13, 2011

Service Population Forecast

Information from 2010 census, SEMCOG 2011 forecast & 2005 Service & Space Needs Report prepared by Library Planning Associates, Inc.

	Previous Data		2010 Census	Previous Forecast				Current Forecast	
	2000 Census	2005 Space Needs Report SEMCOG 2030 Projection		SEMCOG Dec. 2009	SEMCOG 2030	SEMCOG Previous 2035 forecast	% Change from 2000 Census	Current 2011 SEMCOG 2035 forecast	% Change from 2010 Census
City of Belleville									
Age 0-4	238	279	247			227	-4.6%	227	-8.1%
Age 5-17	639	669	629			596	-6.7%	596	-5.2%
Age 18-34	952	825	856			644	-32.4%	644	-24.8%
Age 35-64	1,562	1,305	1,676			1,254	-19.7%	1,254	-25.2%
Age 65+	606	1,207	583			1,312	116.5%	1,312	125.0%
TOTAL	3,997	4,285	3,991	4,366	3,988	4,033	0.9%	4,033	1.1%
Sumpter Township									
Age 0-4	908	1,255	502			878	-3.3%	878	74.9%
Age 5-17	2,620	3,411	1,776			2,170	-17.2%	2,170	22.2%
Age 18-34	2,766	4,364	1,812			2,334	-15.6%	2,334	28.8%
Age 35-64	4,686	7,766	4,407			3,967	-15.3%	3,967	-10.0%
Age 65+	876	2,983	1,052			2,777	217.0%	2,777	164.0%
TOTAL	11,856	19,779	9,549	10,825	11,786	12,126	2.3%	12,126	27.0%
Van Buren Township									
Age 0-4	1,684	1,690	1,913			8,329	394.6%	2,966	55.0%
Age 5-17	3,949	3,922	4,980			12,753	222.9%	6,856	37.7%
Age 18-34	7,300	7,649	6,942			7,776	6.5%	7,776	12.0%
Age 35-64	9,075	10,610	12,436			6,856	-24.5%	12,753	2.5%
Age 65+	1,551	5,685	2,550			2,966	91.2%	8,329	226.6%
TOTAL	23,559	29,556	28,821	27,119	35,685	38,680	64.2%	38,680	34.2%
District TOTALS	39,412	53,620	42,361	42,310	51,459	54,839	39.1%	54,839	29.5%

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Collections

Category	2005 Report		Current Collections Data				Projected Collections based on 2035 population		Projected Collections by Department		
	2005 Report Recommendations	Projected Growth from Current	Current Collection Count April 2010	% of Total	2009-2010 Circulation (items)	Turnover rate	Projected Growth from Current	Projected Growth at Average rate	Revised Projected Growth (%)	Revised Projected Growth (Items)	
Print Collections											
Adult											
Books (Hardcover and Paperback):			42,495	55.6%	63,284	1.49		70,792	67%	70,792	
New Books			1,274	1.7%	9,464	7.43		2,122	67%	2,122	
Large Print			1,069	1.4%	3,445	3.22		1,781	67%	1,781	
Reference Books			1,453	1.9%	0	0.00		2,421	67%	2,421	
Juvenile											
Books (Hardcover and Paperback)			26,869	35.2%	26,869	1.00		44,760	67%	44,760	
New Books			64	0.1%	185	2.89		107	67%	107	
Juvenile Reference Books			302	0.4%	0	0.00		503	67%	503	
Teen											
Books (Hardcover and Paperback)			2,846	3.7%	12,024	4.22		4,741	67%	4,741	
TOTAL Print	124,400	63%	76,372		115,271	1.51	127,226	67%	127,226	127,226	
Nonprint Collections											
Audio											
Adult			1,677	17.5%	3,565	2.13		3,566	113%	3,566	
Juvenile			427	4.5%	617	1.44		908	113%	908	
Teen			139	1.5%	165	1.19		296	113%	296	
Video											
Feature Films (DVD)			1,455	15.2%	28,099	19.31		3,094	113%	3,094	
Feature Films (VHS with some DVD)			1,906	19.9%	8,134	4.27		4,053	113%	4,053	
Adult Nonfiction (DVD)			200	2.1%	575	2.88		425	113%	425	
Adult Nonfiction (VHS and DVD)			1,257	13.1%	1,740	1.38		2,673	113%	2,673	
Juvenile Nonfiction (DVD)			93	1.0%	280	3.01		198	113%	198	
Juvenile Nonfiction (VHS and DVD)			241	2.5%	323	1.34		512	113%	512	
Juvenile Browsing (DVD and VHS)			429	4.5%	3,638	8.48		912	113%	912	
Music CDs											
Adult			1,546	16.1%	4,968	3.21		3,287	113%	3,287	
Juvenile			72	0.8%	139	1.93		153	113%	153	
Software											
			131	1.4%	365	2.79		279	113%	279	
TOTAL Nonprint	19,900	108%	9,573		52,608	5.50	20,356	113%	20,356	20,356	
*Subscriptions: Magazines and Newspapers											
Adult Titles			130					157	21%	157	
Juvenile Titles			13					16	21%	16	
Teen Titles			11					13	21%	13	
TOTAL Subscriptions	186	21%	154				186	21%	186	186	
TOTAL Print & Nonprint Items:	144,300		85,945					147,583		147,583	
Nonprint as % of Print	16%		13%				16%	16%		16%	

*Due to space constraints, past issues of magazines are only kept for 1-2 years and newspapers for one month. (Local weekly newspapers are kept longer and are also available on microfilm).

Projected Space Needs Update

Belleville Area District Library

July 13, 2011

Revised Space Needs - System-Wide

2005 Report 2030 Service Population 53,620
 Current 2030 Service Population 51,459
 Current 2035 Service Population (2011 data) 54,839

2005 Report Basis						2005 Report Space Recommendations (Moderate)		2011 Space Projections				
								2030 Pop		2035 Pop		
Unit / sf	Percentile ranking	units				items / quantity	Area (sf)	items / quantity	Area (sf)	items / quantity	Area (sf)	
Collection space												
Books (LPA 2005 Goal)	@	11.5 vol/sf	50th	2.32	per capita	124,400	9,736	119,385	9,343	127,226	9,957	
<i>Alt Goal for comparison</i>		10% in circ assumed	<i>75th</i>	<i>3.02</i>	<i>per capita</i>	<i>161,932</i>		<i>155,406</i>		<i>165,614</i>		
Periodial Display	@	1 title / sf				186	186	186	186	186	186	
Periodical Backfiles	@	0.5 sf / title per year		3	years held	167	251	167	251	167	251	
Nonprint	@	10 items / sf 10% in circ	95th	16%	of print	19,900	1,990	19,102	1,719	20,356	1,832	
Public Network Stations	@	40 sf / station	95th	0.95	1000/capita	50	2,000	60	2,400	60	2,400	
Reader Seating Space												
Seating	@	30 sf / seat		3	1000/capita +/-	164	4,920	164	4,920	164	4,920	
Staff Work Space												
Work stations	@	137.5 sf / station				32	4,263	42	5,775	42	5,775	
Meeting Room Space												
Programs room	@	10 sf / seat + 100 sf				200	2,100	150	1,600	150	1,600	
Storytime / Crafts	@	25 sf / seat + 50 sf				45	1,175	45	1,175	45	1,175	
Conference / Board	@	30 sf / seat + 10 guest @10 sf				12	460	12	460	12	460	
SUBTOTAL								27,081		27,829		28,555
Special Use Space	@	15% of gross sf			(optimal setting)		7,064		7,260		7,449	
SUBTOTAL ASSIGNABLE												
Nonassignable Space	@	27.5% of gross building area			(optimal setting)		12,951		13,309		13,657	
GROSS BUILDING AREA								47,096		48,398		49,662

Projected Space Needs Update

Belleville Area District Library

July 13, 2011

Revised Space Needs - New Library

2005 Report 2030 Service Population
 Current 2030 Service Population
 Current 2035 Service Population

53,620
 51,459
 54,839

					2011 New Library Space Projection	
					Current 2035 Pop Projections	
	Unit / sf	Percentile ranking	units		items / quantity	Area (sf)
Collection space						
Books	11.5 vol/sf 10% in circ assumed	50th 75th	2.32 3.02	per capita per capita	119,226	9,331
Periodical Display	1 title / sf				166	166
Periodical Backfiles	0.5 sf / title per year		3	years held	166	249
Nonprint	10 items / sf 10% in circ	95th	16%	of print	18,756	1,688
Public Network Stations	40 sf / station	95th	0.95	1000/capita	52	2,080
Reader Seating Space						
Seating	30 sf / seat				152	4,560
Staff Work Space						
Work stations	137.5 sf / station				38	5,225
Meeting Room Space						
Programs room	10 sf / seat + 100 sf				150	1,600
Storytime / Crafts	25 sf / seat + 50 sf				45	1,175
Conference / Board	30 sf / seat + 10 guest @10 sf				12	460
SUBTOTAL						26,534
Special Use Space						
Group Study (for 6-8 persons)	30 sf / seat				16	480
Group Study (for 4 persons)	30 sf / seat				12	360
Tutoring rooms (for 2-3 persons)	30 sf / seat				8	240
Local History	35 sf / seat + 100 sf				6	310
Café	30 sf / seat + 600 sf				20	1,200
Friend's Bookstore/Gift Shop/storage/sorting			allowance			650
Gallery / Display Space			allowance			500
Computer lab (included in public PCs with public access during non training)						
Misc Special Use Space	7.5% of gross sf		(optimal setting)			3,062
SUBTOTAL ASSIGNABLE						
Nonassignable Space	27.5% of gross building area		(optimal setting)			12,690
GROSS BUILDING AREA						46,026

Staffing Work stations includes: CIRC: 3 @ circ, 1 @ registration, 1 @ returns, 2 @ paging/sorting/shelving, 1 @ ILL, 1 @ clerical support, 1 @ Dept supervisor; REFERENCE: 2 @ public service desk, 1 @ dept supervisor, 3 @ librarian support; YOUTH: 2 @ children's desk, 1 @ dept supervisor, 2 @ librarian support, 1 @ future; YA/A-V: 1 @ public service desk; TECH SERVICES: 1 @ acquisitions, 2 @ cataloging, 1 @ data entry, 3 @ processing / repair; ADMIN: 1 @ director, 1 @ assitant director, 1 @ business manager / bookkeeping, 1 @ public relations, 1 @ admin support, 1 @ IT network maintenance, 1 @ IT support, 1 @ computer repair, 1 @ maintenance

Projected Space Needs Update

Belleville Area District Library

July 13, 2011

Revised Space Needs - New Construction for Branch Library

2005 Report 2030 Service Population 53,620
 Current 2030 Service Population 51,459
 Current 2035 Service Population 54,839

						2011 Branch Space Projection			
						items / quantity	Area (sf)	Remarks	
Unit / sf	Percentile ranking	units							
Collection space									
Books	@	11.5 vol/sf 10% in circ assumed	50th 75th	2.32 3.02	per capita per capita	8,000 (more dense environment)	626		
Periodial Display	@	1 title / sf				20	20		
Periodical Backfiles	@	0.5 sf / title per year		0	years held	20	-		
Nonprint	@	11.5 items / sf 10% in circ	95th	20%	of print	1,600 (more dense environment)	125		
Public Network Stations	@	40 sf / station	95th	0.95	1000/capita	8	320		
Reader Seating Space									
Seating	@	30 sf / seat				12	360		
Staff Work Space									
Work stations	@	137.5 sf / station			(Mod setting)	4	550		
includes 2@circ, 1@gen staff, 1@returns/sorting/shelving/ILL									
Meeting Room Space									
Programs room	@	10 sf / seat + 100 sf				30	400	provides additional general reader seating	
Storytime / Crafts	@	25 sf / seat + 50 sf				-			
Conference / Board	@	30 sf / seat + 10 guest @ 10 sf				-			
SUBTOTAL								2,401	
Special Use Space	@	12.5% of gross sf			(Mod setting)		500		
SUBTOTAL ASSIGNABLE									
Nonassignable Space	@	27.5% of gross building area			(Opt setting)		1,101		
GROSS BUILDING AREA								4,002	