

Appendix D Table 3 (May 18, 2011)
Dayton Metro Library System - Needs Assessment - Branches

Public Spaces and Collections (currently 1,437,315 volumes)	Unit Type	Units	Basic	Moderate	Optimum	Current	Recommended
<i>Book Collection (volume count reduced by 40% with optimal shelving; volume count reduced by 22% with basic shelving)</i>							
Basic: 13.0 Volumes / SF	Volumes	814,958	62,689				
Mod: 11.5 Volumes / SF	Volumes	814,958		70,866			
Opt: 10.0 Volumes / SF	Volumes	814,958			81,582		81,582
<i>Periodical Collection</i>							
1 Title / SF	Titles	959	959	959	959		959
<i>Periodical Backissue Storage</i>							
1/2 SF / Title for 2 Years	Compound	959	959	959	959		959
<i>Nonprint Items & AV (reduced by 80%)</i>							
10 Items / SF	Items	45,104	4,510	4,510	4,510		4,510
Subtotal Collection Space			69,117	77,294	88,010		88,010
Public Access Computer Spaces							
Basic: 40 SF per Station	Stations	354	14,175				14,175
Mod: 45 SF per Station	Stations	378		17,010			
Opt: 50 SF per Station	Stations	425			21,263		
Subtotal Public Access Computer Space			14,175	17,010	21,263		14,175
Generic Reader Seating Space (current 1141 seats) (to include quite reading rooms)							
Basic: Existing Seats (30SF each)	Seats	1,078	32,347				
Mod: 15% increase	Seats	1,240		37,199			
Opt: 25% Increase	Seats	1,348			40,434		40,434
Subtotal Reader Seating			1,549	32,347	37,199	40,434	40,434
Community Gathering Space (currently 9,424 sq. ft.)							
<i>System Resources (Approximately Branches)</i>							
Meeting Rooms: 50 People = 10SF / Person + 200SF	# of Rooms	16	16,000	16,000	16,000		16,000
Computer Training Lab: 20 People = 50SF / Station + 175SF	# of Labs	5	5,175	5,175	5,175		5,175
Teen/Homework Center: 375SF Each	# of Centers	16	6,000	6,000	6,600		6,000
Quiet Reading Rooms: Basic 300SF Each (10 people)	# of Rooms	16	4,800		0		
Quiet Reading Rooms: Mod: 4500SF Each (15 people)	# of Rooms	16		7,200			7,200
Quiet Reading Rooms: Optimal 600SF Each (20 people)	# of Rooms	16			9,600		
Study/Tutor Rooms: Basic 3 Per branch 100 SF Each	# of Rooms	36	3,600				3,600
Study/Tutor Rooms: Mod: 4 Per branch 100 SF Each	# of Rooms	64		6,400			
Study/Tutor Rooms: Optimal 5 Per branch 100 sq. Each	# of Rooms	80			8,000		
Canteens at smaller Branches: 100SF Each	# of Cafes	13	1,300				
Canteens at smaller Branches: 200SF Each	# of Cafes	13		2,600			2,600
Canteens at smaller Branches: 300SF Each	# of Cafes	13			3,900		
Cafes at Larger Branches: 600SF Each	# of Cafes	3	1,800	1,800	1,800		1,800
Story Rooms: 30 Kids = 15SF / Person + 50SF	# of Rooms	16	8,000	8,000	8,000		8,000

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Subtotal Community Gathering Spaces				46,675	53,175	59,075		50,375
Subtotal Public Spaces				162,315	184,679	208,782	113,164	192,995
Staff Work Space (currently 22,161 sq. ft.)								
Basic: 125 SF per Station	Stations	253		31,625				29,125
Mod: 137.5 SF per Station	Stations	253			34,914			
Opt: 150 SF per Station	Stations	253				37,950		
Subtotal Staff Work Space				31,625	34,914	37,950	22,161	29,125
Subtotal Gross Space				193,940	219,593	246,732	135,325	222,120

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Exhibit Space & Public Art (currently 0 sq. ft.)						
1% of Gross Space	1%	1,939	2,196	2,467	0	2,221
Special Use Space (currently 0 sq. ft.)						
Basic: 10.0% of Gross Space Needs	10.0%	19,394				22,212
Mod: 12.5% of Gross Space Needs	12.5%		27,449			
Opt: 15.0% of Gross Space Needs	15.0%			37,010		
Subtotal Special Use Space		19,394	27,449	37,010	0	22,212
Subtotal Adjusted Gross Space		213,334	247,042	283,742	135,325	244,332
Nonassignable Space (currently 37,602 sq. ft.)						
Basic: 22.5% of Total Space Needs	22.5%	48,000				54,975
Mod: 25.0% of Total Space Needs	25.0%		61,760			
Opt: 27.5% of Total Space Needs	27.5%			78,029		
Subtotal Nonassignable Space		48,000	61,760	78,029	45,344	54,975
Total Square Footage		261,334	308,802	361,771	180,669	299,306
SF per Capita	480,870	0.54	0.64	0.75	0.38	0.62