

**Appendix D. Table 2 (May 18, 2011)**  
**Dayton Metro Library System - Needs Assessment - Main Library**

	Unit Type	Units	Basic	Moderate	Optimum	Current	Recommended
<b>Collection Spaces</b>							
<i>Book Collection</i>							
Basic 13 Volumes / SF	Volumes	243,944	18,765				
Mod: 11.5 Volumes / SF	Volumes	243,944		21,213	0		
Optimal 10 Volumes / SF	Volumes	243,944			24,394		24,394
<i>Compact Collection</i>							
Opt: 21 Volumes / SF	Volumes	214,270	10,203	10,203	10,203		10,203
<i>Local History Collection</i>							
Existing Square Footage	Square Feet		1,455	1,819	2,183	1,819	1,455
<i>Special Collections (Microfilm, Maps, Children's Supplies, Etc.)</i>							
Existing Square Footage			2,944	3,680	2,183	3,680	2,944
<i>Government Documents</i>							
Existing Square Footage	Square Feet		2,945	4,909	4,909	4,909	2,945
<i>Circulating Periodical Collection</i>							
1 Title / SF	Square Feet	797	797	797	797	797	797
<i>Periodical Backissue Storage</i>							
Existing Square Footage	Square Feet		3,405	5,675	5,675		3,405
<i>Nonprint Items &amp; A/V</i>							
10 Items / SF	Items	61,000	6,100	6,100	6,100		6,100
<b>Subtotal Collections</b>			<b>27,850</b>	<b>54,396</b>	<b>56,444</b>		<b>52,244</b>
<b>Public Network Stations</b>							
Basic: 40 SF per Station	Stations	200	8,000				
Mod: 45 SF per Station	Stations	200		9,000			
Opt: 50 SF per Station	Stations	200			10,000		10,000
<b>Subtotal Public Access Computers</b>			<b>8,000</b>	<b>9,000</b>	<b>10,000</b>		<b>10,000</b>

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	Unit Type	Units	Basic	Moderate	Optimum	Current	Recommended
<b>Reader Seating Space</b>							
<i>Including Zero-Tolerance Quiet Reading Space and Teen Areas</i>							
Basic: Double the number of Existing Seats							
(30SF each)	Seats	400	12,000				
Mod: 50 Seat Increase	Seats	400		12,000			
Opt: 100 Seat Increase	Seats	400			12,000		12,000
<b>Subtotal Reader Seating</b>			<b>12,000</b>	<b>12,000</b>	<b>12,000</b>		<b>12,000</b>
<b>Community Gathering Space</b>							
<i>Main Library</i>							
Street Entry Lobby and Exhibit Space	# of space	1	5,000	6,000	7,000		7,000
Auditorium: 12.5SF / Seat + 50%	# of Seats	300	5,625	5,625	5,625		5,625
Multi-purpose Room: 20SF / Person	# of People	150	3,000	3,000	3,000		3,000
Tutor/quiet Reading 100 Sq. Ft.	# of Rooms	12	1,200	1,200	1,200		2,500
Conference Rooms: 625SF Each	# of Rooms	4	2,500	2,500	2,500		2,500
Computer Training Labs: 50SF / Seat + 150SF	# of Seats	25	1,400	1,400	1,400		2,650
Friends bookstore & gift shop	# of stores	1	2,500	2,500	2,500		2,500
Teen Gathering Space = 100 teens - 20 sq. ft/teen + 75SF	# of rooms	1	2,075	2,075	2,075		2,075
Café: 2,000SF	# of Cafes	1	2,000	2,000	2,000		2,000
Story Room: 100 Kids = 15SF / Person + 50SF	# of Rooms	2	3,100	3,100	3,100		3,100
<b>Subtotal Community Gathering Spaces</b>			<b>28,400</b>	<b>29,400</b>	<b>30,400</b>		<b>32,950</b>
<b>Subtotal Public Space</b>			<b>76,250</b>	<b>104,796</b>	<b>108,844</b>	<b>29,917</b>	<b>107,194</b>
<b>Public Art</b>							
<b>Public Space Needs</b>			<b>5,101</b>	<b>5,673</b>	<b>6,090</b>		<b>5,768</b>

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	Unit Type	Units	Basic	Moderate	Optimum	Current	Recommended
<b>Staff Work Space</b>							
Basic: 125 SF per Station	Stations	235	29,375				30,000
Mod: 137.5 SF per Station	Stations	235		32,430			
Opt: 150 SF per Station	Stations	235			35,250		
Garage and Receiving Docks	Square Feet		6,000	6,000	6,000		
<b>Subtotal Staff Space</b>			<b>35,375</b>	<b>38,430</b>	<b>41,250</b>	<b>29,668</b>	<b>30,000</b>
<b>Special Use Space</b>							
Basic: 10.0% of Gross Space Needs		10.0%	11,162				
Mod: 12.5% of Gross Space Needs		12.5%		17,903			17,870
Opt: 15.0% of Gross Space Needs		15.0%			22,514		
<b>Subtotal Special Use Space</b>			<b>11,162</b>	<b>17,903</b>	<b>22,514</b>		<b>17,870</b>
<b>Subtotal Adjusted Gross Space</b>			<b>127,889</b>	<b>166,802</b>	<b>178,698</b>	<b>59,585</b>	<b>160,833</b>
<b>Nonassignable Space</b>							
Basic: 22.5% of Total Space Needs		22.5%	28,775				
Mod: 25.0% of Total Space Needs		25.0%		41,700			40,208
Opt: 27.5% of Total Space Needs		27.5%			49,142		
<b>Subtotal Nonassignable Space</b>			<b>28,775</b>	<b>41,700</b>	<b>49,142</b>	<b>36,833</b>	<b>40,208</b>
<b>Total Square Footage</b>			<b>156,664</b>	<b>208,502</b>	<b>227,840</b>	<b>130,133</b>	<b>201,041</b>
<b>SF per Capita</b>		480,870	0.33	0.43	0.47	0.27	