

Appendix A: Collection Capacity of Bookmobile Based on Current Floorplan

Estimates based on Siems & Demmers general shelving capacity formula and capacity schedules¹
Shelving capacity formula: [volumes per linear foot] x [linear feet] x [shelves]=[volumes]

Type of Material	Capacity
Adult Booktapes & Book CDs ² 10 (volumes per linear foot) x 3 (linear feet) x 2 (shelves)	60 volumes
Adult Compact Discs 30 (volumes per linear foot) x 3 (linear feet) x 2 (shelves)	180 discs
Adult DVDs 30 (volumes per linear foot) x 3 (linear feet) x 1 (shelves)	90 discs
Adult Videos 10 (volumes per linear foot) x 3 (linear feet) x 1 (shelves)	40 videos
Fiction Books (including mysteries & westerns) ³ Hardcover: 8 (volumes per linear foot) x 3 (linear feet) x 9 (shelves) Paperbacks: 16 (volumes per linear foot) x 3 (linear feet) x 9 (shelves)	216 volumes 432 volumes
Graphic Novels ⁴ 16 (volumes per linear foot) x 3 (linear feet) x 2 (shelves)	96 volumes
Large Print Materials 8 (volumes per linear foot) x 3 (linear feet) x 4 (shelves)	72 volumes
Non-Fiction (including literacy and career materials) 10 (volumes per linear foot) x 3 (linear feet) x 13 (shelves)	390 volumes
Young Adult Materials ⁵ Hardcover: 12 (volumes per linear foot) x 3 (linear feet) x 2 (shelves) Paperbacks: 16 (volumes per linear foot) x 3 (linear feet) x 3 (shelves)	72 volumes 144 volumes
Children's Booktapes & Book CDs ⁶ 10 (volumes per linear foot) x 3 (linear feet) x 1 (shelves)	30 volumes
Children's Compact Discs 30 (volumes per linear foot) x 3 (linear feet) x 1 (shelves)	90 discs
Children's DVDs 30 (volumes per linear foot) x 3 (linear feet) x 1 (shelves)	90 discs
Children's Easy Readers 20 (volumes per linear foot) x 3 (linear feet) x 3 (shelves)	180 volumes
Children's Picture Books (including board books) ⁷ 20 (volumes per linear foot) x 3 (linear feet) x 12 (shelves)	720 volumes
Children's Read Alongs 20 (volumes per linear foot) x 1 (linear feet) x 2 (shelves)	40 volumes
Juvenile (J) Fiction 13 (volumes per linear foot) x 3 (linear feet) x 6 (shelves)	234 volumes
Juvenile (J) Non-Fiction 13 (volumes per linear foot) x 3 (linear feet) x 6 (shelves)	234 volumes
Total Capacity	3410 volumes

¹ Siems, Earl & Linda Demmers. "Library Stacks and Shelving". Libris Design Project.

<http://www.librisdesign.org/docs/ShelvingforLibraries.pdf>

² This number could be higher, as book CDs are traditionally smaller in size than booktapes

³ Paperbacks & hardcover materials will be integrated together in shelving

⁴ No capacity schedule numbers for graphic novels; estimate is based on numbers associated with young adult paperbacks

⁵ Paperbacks & hardcover materials will be integrated together in shelving

⁶ This number could be higher, as book CDs are traditionally smaller in size than booktapes

⁷ No capacity schedule was available for board books, so they are being integrated with picture books