

Library	Items	FTE Salary	Amount
Hazen	2,556	39,915	\$245,248 Young Adult
Ward Cunty	3,874	72,280	\$142,448 Young Adult
McLean Mercer Regional (Riverdale)	7,294	15,080	\$200,000 Juvenile, Young Adult
Lake Region (Devil's Lake)	12,642	31,200	\$102,600 Juvenile, e-materials
Valley City Barnes County	16,103	42,000	\$2,604,000 Juvenile, Young Adult
Bismarck Veterans Memorial	1,210,683	79,000	\$334,840,438 Whole collection, including e-materials (Libby and Hoopla)

Average Adult Reading Speed: 200-300 WPM / 1 Hour = 40 pages
 Average Grades 1-6 Reading Speed: 80-185 WPM /
 Average Teen Reading Speed: 195-204 WPM /
 Average # of pages / book: Fiction = 200-400 pages Nonfiction = 150-200 Children's = 32
 Average # of hours / book: Fiction = 5 – 10 Hours Nonfiction = 3.75 – 5 Hours
 Average word count: adult = 90,000 YA = 50,000 – 80,000 middle = 25,000-40,000 Children's = 1000 - 10,000
 52 weeks in a year **

Formulas

of pages . = # of collection items x 300 (average # of pages)
 # of hours . = # of pages / 40 (average pages read per hour)
 # of days . = # of hours / 8 (hour work day)
 # of weeks . = # of days / 5 (days in a work week)
 # of years . = # of weeks / 52 (weeks in a year)
 # of emplo . = # items / 260 (number of books read in a year)

of books 1 . = (7.5 hour day x 40 pages per hour) = 300 (average adult book)
 # of books 5 . = one a book a day
 # of books 260 . = 5 books a week x 52 weeks

Children's Calculations

of books 7.5 . = 1 book (32 pages) x 7.5 hour day
 # of books 37.5 . = books read per day x 5 days per week
 # of books 1,950 . = books read per week x 52 weeks

ACADEMIC LIBRARIES

Library Name	City	FTE/Pop. Served	Year One	Year One Implementation	Year One Total Cost	Year Two	Year Three
North Dakota School for the Deaf Library	Devils Lake	35	\$ 1,000	\$ 1,500	\$ 2,500	\$ 1,050	\$ 1,103
Trinity Bible College and Graduate School	Ellendale	231	\$ 1,470	\$ 1,500	\$ 2,970	\$ 1,544	\$ 1,621
UND Thormodsgard Law Library	Grand Forks	274	\$ 1,470	\$ 1,500	\$ 2,970	\$ 1,544	\$ 1,621
Dakota College at Bottineau Library	Bottineau	724	\$ 2,250	\$ 2,000	\$ 4,250	\$ 2,363	\$ 2,481
Williston State College Library	Williston	785	\$ 2,250	\$ 2,000	\$ 4,250	\$ 2,363	\$ 2,481
Lake Region State College Library	Devils Lake	966	\$ 2,250	\$ 2,000	\$ 4,250	\$ 2,363	\$ 2,481
Mayville State University Library	Mayville	1,012	\$ 2,940	\$ 2,000	\$ 4,940	\$ 3,087	\$ 3,241
University of Jamestown	Jamestown	1,235	\$ 2,940	\$ 2,000	\$ 4,940	\$ 3,087	\$ 3,241
Dickinson State University Library	Dickinson	1,309	\$ 2,940	\$ 2,000	\$ 4,940	\$ 3,087	\$ 3,241
Valley City State University Library	Valley City	1,340	\$ 2,940	\$ 2,000	\$ 4,940	\$ 3,087	\$ 3,241
UND SMHS Library Resources	Grand Forks	1,783	\$ 2,940	\$ 2,000	\$ 4,940	\$ 3,087	\$ 3,241
North Dakota State College of Science Library	Wahpeton	2,240	\$ 4,690	\$ 2,500	\$ 7,190	\$ 4,925	\$ 5,171
Minot State University Library	Minot	2,684	\$ 4,690	\$ 2,500	\$ 7,190	\$ 4,925	\$ 5,171
Bismarck State College Library	Bismarck	2,769	\$ 4,690	\$ 2,500	\$ 7,190	\$ 4,925	\$ 5,171
UND Chester Fritz Library	Grand Forks	11,247	\$ 7,500	\$ 4,000	\$ 11,500	\$ 7,875	\$ 8,269
North Dakota State University Library	Fargo	13,201	\$ 7,500	\$ 4,000	\$ 11,500	\$ 7,875	\$ 8,269
UND Music Library	Grand Forks	NA	\$ 1,000	\$ 1,500	\$ 2,500	\$ 1,050	\$ 1,103
					\$ 92,960	\$ 58,233	\$ 61,145
		41,835					

Discounted Package Rate

List Rate

Library Name	City	FTE/Pop. Served	Year One	Year One Implementation	Year One Total Cost	Year Two	Year Three
North Dakota School for the Deaf Library	Devils Lake	35	\$ 2,100	\$ 2,000	\$ 4,100	\$ 2,205	\$ 2,315
Trinity Bible College and Graduate School	Ellendale	231	\$ 2,100	\$ 2,000	\$ 4,100	\$ 2,205	\$ 2,315
UND Thormodsgard Law Library	Grand Forks	274	\$ 2,100	\$ 2,000	\$ 4,100	\$ 2,205	\$ 2,315
Dakota College at Bottineau Library	Bottineau	724	\$ 4,200	\$ 3,750	\$ 7,950	\$ 4,410	\$ 4,631
Williston State College Library	Williston	785	\$ 4,200	\$ 3,750	\$ 7,950	\$ 4,410	\$ 4,631
Lake Region State College Library	Devils Lake	966	\$ 4,200	\$ 3,750	\$ 7,950	\$ 4,410	\$ 4,631
Mayville State University Library	Mayville	1012	\$ 4,200	\$ 3,750	\$ 7,950	\$ 4,410	\$ 4,631
University of Jamestown	Jamestown	1235	\$ 4,200	\$ 3,750	\$ 7,950	\$ 4,410	\$ 4,631
Dickinson State University Library	Dickinson	1309	\$ 4,200	\$ 3,750	\$ 7,950	\$ 4,410	\$ 4,631
Valley City State University Library	Valley City	1340	\$ 4,200	\$ 3,750	\$ 7,950	\$ 4,410	\$ 4,631
UND SMHS Library Resources	Grand Forks	1783	\$ 4,200	\$ 3,750	\$ 7,950	\$ 4,410	\$ 4,631
North Dakota State College of Science Library	Wahpeton	2240	\$ 6,700	\$ 3,750	\$ 10,450	\$ 7,035	\$ 7,387
Minot State University Library	Minot	2684	\$ 6,700	\$ 3,750	\$ 10,450	\$ 7,035	\$ 7,387
Bismarck State College Library	Bismarck	2769	\$ 6,700	\$ 3,750	\$ 10,450	\$ 7,035	\$ 7,387
UND Chester Fritz Library	Grand Forks	11247	\$ 10,000	\$ 6,000	\$ 16,000	\$ 10,500	\$ 11,025
North Dakota State University Library	Fargo	13201	\$ 10,000	\$ 6,000	\$ 16,000	\$ 10,500	\$ 11,025
UND Music Library	Grand Forks	NA	\$ 2,100	\$ 2,000	\$ 4,100	\$ 2,205	\$ 2,315
				\$	\$ 143,350	\$ 84,000	\$ 90,515

SCHOOL LIBRARIES

Library Name	City	FTE/Pop. Served	Year One	Year One Implementation	Year One Total Cost	Year Two	Year Three
North Dakota School for the Deaf Library	Devils Lake	35	\$ 500	\$ 1,000	\$ 1,500	\$ 525	\$ 551
Finley-Sharon School Library	Finley	88	\$ 500	\$ 1,000	\$ 1,500	\$ 525	\$ 551
Hope-Page School Library	Hope	93	\$ 500	\$ 1,000	\$ 1,500	\$ 525	\$ 551
Grafton Elementary School Library	Grafton	145	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Hatton School Library	Hatton	170	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Midway School Libraries	Inkster	179	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Divide County High School Library	Crosby	180	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Larimore High School Library	Larimore	182	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
North Border Waihalla School Library	Waihalla	182	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Larimore Elementary School Library	Larimore	184	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Mandaree School Libraries	Mandaree	195	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Maple Valley School Library	Tower City	212	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Napoleon School Libraries	Napoleon	221	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Dickinson Trinity High School Library	Dickinson	233	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Hillsboro Public and High School Library	Hillsboro	238	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Carrington High School	Carrington	244	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
Hillsboro Elementary School Library	Hillsboro	256	\$ 1,000	\$ 1,000	\$ 2,000	\$ 1,050	\$ 1,103
Grafton High School Library	Grafton	266	\$ 1,000	\$ 1,000	\$ 2,000	\$ 1,050	\$ 1,103
New England Public School	New England	270	\$ 1,000	\$ 1,000	\$ 2,000	\$ 1,050	\$ 1,103
Carrington Elementary School	Carrington	310	\$ 1,000	\$ 1,000	\$ 2,000	\$ 1,050	\$ 1,103
Northwood School Library	Northwood	334	\$ 1,000	\$ 1,000	\$ 2,000	\$ 1,050	\$ 1,103
Cavaller School Libraries	Cavaller	376	\$ 1,000	\$ 1,000	\$ 2,000	\$ 1,050	\$ 1,103
Dickinson Public Schools	Dickinson	491	\$ 1,000	\$ 1,000	\$ 2,000	\$ 1,050	\$ 1,103
North Border Pembina School Library	Pembina	1914	\$ 2,000	\$ 1,250	\$ 3,250	\$ 2,100	\$ 2,205
Divide County Public & Elementary School Library	Crosby	2466	\$ 2,000	\$ 1,250	\$ 3,250	\$ 2,100	\$ 2,205
Billings County Schools Library	Medora	NA	\$ 750	\$ 1,000	\$ 1,750	\$ 788	\$ 827
					\$ 49,500	\$ 24,150	\$ 25,358

Discounted Package Rate

List Rate

Library Name	City	FTE/Pop. Served	Year One	Year One Implementation	Year One Total Cost	Year Two	Year Three
North Dakota School for the Deaf Library	Devils Lake	35	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Finley-Sharon School Library	Finley	88	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Hope-Page School Library	Hope	93	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Grafton Elementary School Library	Grafton	145	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Hatton School Library	Hatton	170	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Midway School Libraries	Inkster	179	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Divide County High School Library	Crosby	180	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Larimore High School Library	Larimore	182	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
North Border Waihalla School Library	Waihalla	182	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Larimore Elementary School Library	Larimore	184	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Mandaree School Libraries	Mandaree	195	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Maple Valley School Library	Tower City	212	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Napoleon School Libraries	Napoleon	221	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Dickinson Trinity High School Library	Dickinson	233	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Hillsboro Public and High School Library	Hillsboro	238	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Carrington High School	Carrington	244	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Hillsboro Elementary School Library	Hillsboro	256	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Grafton High School Library	Grafton	266	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
New England Public School	New England	270	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Carrington Elementary School	Carrington	310	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Northwood School Library	Northwood	334	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Cavaller School Libraries	Cavaller	376	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
Dickinson Public Schools	Dickinson	491	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
North Border Pembina School Library	Pembina	1914	\$ 2,500	\$ 1,500	\$ 4,500	\$ 3,150	\$ 3,308
Divide County Public & Elementary School Library	Crosby	2466	\$ 3,600	\$ 1,500	\$ 4,500	\$ 3,150	\$ 3,308
Billings County Schools Library	Medora	NA	\$ 1,300	\$ 1,250	\$ 2,550	\$ 1,365	\$ 1,433
					\$ 70,200	\$ 39,060	\$ 41,013

MEDICAL-GOVT LIBRARIES

Library Name	City	FTE/Pop. Served	Year One	Year One Implementation	Year One Total Cost	Year Two	Year Three
Cameron Medical Library	Minot	1	\$ 2,000	\$ 1,500	\$ 3,500	\$ 2,100	\$ 2,205
North Dakota State Hospital - Health Sciences Libr	Jamestown	50	\$ 2,000	\$ 1,500	\$ 3,500	\$ 2,100	\$ 2,205
Sanford Health Sciences Library	Fargo & Bismarck	50	\$ 2,000	\$ 1,500	\$ 3,500	\$ 2,100	\$ 2,205
North Dakota Supreme Court Law Library	Bismarck	2	\$ 2,000	\$ 1,500	\$ 3,500	\$ 2,100	\$ 2,205
North Dakota State Library	Bismarck	64,751	\$ 23,000	\$ 7,500	\$ 30,500	\$ 24,150	\$ 25,358
North Dakota Vision Resource Center	Grand Forks	20	\$ 2,700	\$ 2,700	\$ 5,400	\$ 2,835	\$ 2,977
					\$ 49,900	\$ 35,385	\$ 37,154

Discounted Package Rate

Library Name	City	FTE/Pop. Served	Year One	Year One Implementation	Year One Total Cost	Year Two	Year Three
Cameron Medical Library	Minot	1	\$ 2,700	\$ 2,700	\$ 5,400	\$ 2,835	\$ 2,977
North Dakota State Hospital - Health Sciences Libr	Jamestown	50	\$ 2,700	\$ 2,700	\$ 5,400	\$ 2,835	\$ 2,977
Sanford Health Sciences Library	Fargo & Bismarck	50	\$ 2,700	\$ 2,700	\$ 5,400	\$ 2,835	\$ 2,977
North Dakota Supreme Court Law Library	Bismarck	2	\$ 2,700	\$ 2,700	\$ 5,400	\$ 2,835	\$ 2,977
North Dakota State Library	Bismarck	64,751	\$ 44,100	\$ 7,500	\$ 51,600	\$ 46,305	\$ 48,620
North Dakota Vision Resource Center	Grand Forks	20	\$ 2,700	\$ 2,700	\$ 5,400	\$ 2,835	\$ 2,977
					\$ 78,600	\$ 60,480	\$ 63,504

List Rate