



## Enrollment History and Projections Fall 2016

### Key Findings

1. The 2016-17 KG-12 enrollment of 25,239 is an increase of 8 students from the 2015-16 enrollment of 25,231.
2. We project slight enrollment increases over the next five years, leading to a projected KG-12 enrollment of 25,482 for the 2021-22 school year.

This report contains a brief enrollment history on the Third Friday of September, the first official enrollment count of the year for MMSD, as well as projected enrollments for the next five academic years. This report also contains an appendix highlighting a change in our projection methodology to account for DLI student attendance patterns.

### Background

Enrollment projections in MMSD are based on historical enrollment patterns and progression rates from grade to grade. Kindergarten classes are projected by comparing local historical births against Kindergarten class sizes to determine what percentage of births we can expect to enroll in MMSD as Kindergarteners. Historical births by year at the municipal level come from the Wisconsin Department of Health Services (DHS); at the time of writing this report the most recent data is for 2014. A linear-forecast of births at the municipal level is used to extend live-birth estimates through 2017, covering the five-year projection period.

Projections do not formally take into account future residential developments. Projecting the number of students who will live in a yet-to-be-built building or residential area is extremely difficult to do with any degree of reliability because it is uncertain how many children will move in, when they will move in, and where they will have moved from. New construction does not necessarily mean that MMSD enrollment will increase; instead, students may simply move from other parts of the district. In addition, housing and employment patterns are subject to random and unpredictable variance at small scales, so implying that we can make these kinds of projections reliably would be irresponsible. When future large-scale development in an area is relatively certain this information is used for planning purposes on a case-by-case basis, particularly in conversations around school capacity and long range planning. Instead, we monitor residential development separately and plan according to the expected future number of students.

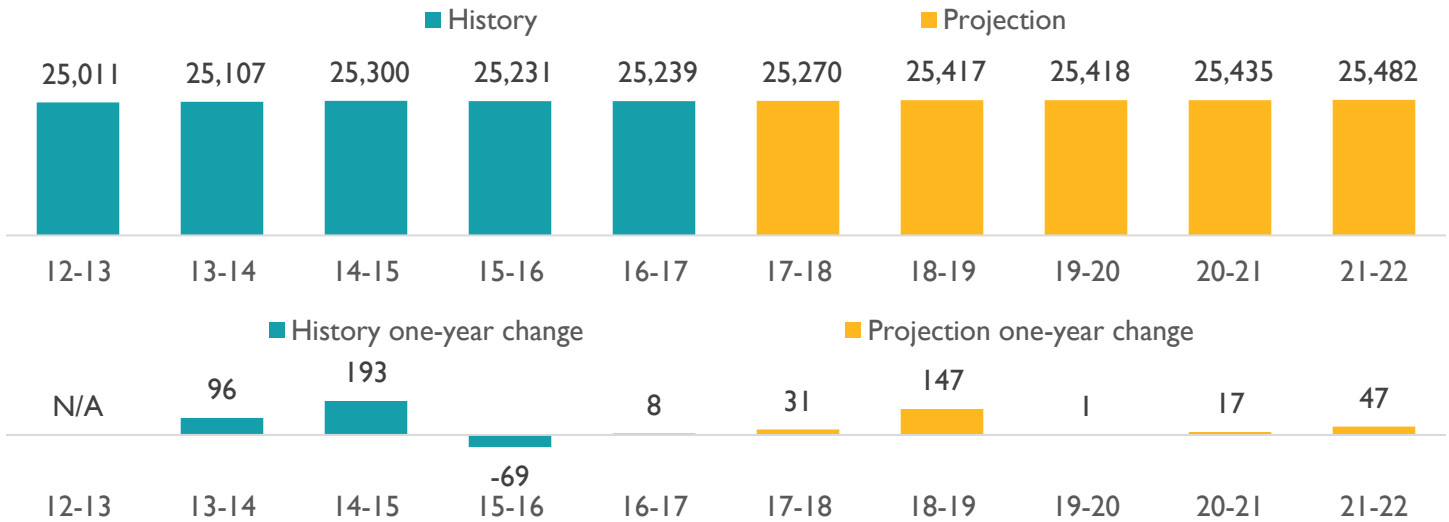
Projected Kindergarteners are assigned to elementary schools based on a three-year average of the distribution of Kindergarteners. Subsequent grades are projected based on a three-year average of the grade-to-grade persistence rates, with fifth and eighth grade students distributed to sixth and ninth grade schools based on the prior year's pattern of enrolling at each middle and high school during the current year. This methodology conforms to best practices across school districts according to a 2013 study of enrollment projection methodology conducted for MMSD by Hanover Research.

The enrollment progression rates and distribution rates from grade to grade and school to school are calculated and applied separately for DLI and non-DLI students entering first through twelfth grade. The English Language Learner Three-year Plan is increasing the number of schools offering DLI learning environments, affecting attendance pattern dynamics when students transition from one school level (e.g. a elementary school) to the subsequent level (e.g. a middle school). See Appendix A for additional detail about the treatment of DLI and non-DLI students in the projection.

The progression rate for twelfth grade is decomposed into an 11<sup>th</sup>-to-12<sup>th</sup> grade progression rate and a 12<sup>th</sup>-to-12<sup>th</sup> grade progression rate, where the 12<sup>th</sup>-to-12<sup>th</sup> grade progression rate represents students repeating as twelfth graders. The twelfth grade rate is decomposed into two rates to account for a change in practice to having students who are credit deficient repeat twelfth grade instead of being retained as eleventh graders, which was the practice before the 2015-16 school year.



### KG-12 Enrollment History and Projection



The 2016-17 KG-12 enrollment of 25,239 students is an increase of 8 students (0.03%) from the 2015-16 enrollment of 25,231 students. KG-12 enrollment in MMSD has remained relatively flat for the last five years, increasing by fewer than 500 students. We project that MMSD will continue a trend of modest growth for the next five years.

### By Grade and Level

Grade	History					Projection				
	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22
KG	2257	2271	2258	2127	2074	2134	2237	2214	2231	2248
1	2171	2176	2109	2154	2059	1975	2032	2130	2108	2125
2	2148	2079	2135	2073	2114	2020	1936	1992	2088	2067
3	2033	2071	2017	2059	2016	2051	1959	1874	1928	2021
4	1861	1990	2011	1951	1991	1952	1986	1896	1814	1867
5	1835	1829	1931	1940	1886	1927	1889	1922	1835	1755
<i>Elementary total</i>	<i>12305</i>	<i>12416</i>	<i>12461</i>	<i>12304</i>	<i>12140</i>	<i>12060</i>	<i>12039</i>	<i>12029</i>	<i>12005</i>	<i>12082</i>
6	1882	1789	1782	1882	1868	1847	1885	1847	1882	1798
7	1710	1825	1781	1709	1844	1829	1807	1845	1807	1841
8	1710	1719	1809	1753	1718	1834	1821	1802	1837	1802
<i>Middle total</i>	<i>5302</i>	<i>5333</i>	<i>5372</i>	<i>5344</i>	<i>5430</i>	<i>5511</i>	<i>5513</i>	<i>5494</i>	<i>5526</i>	<i>5441</i>
9	1742	1798	1824	1889	1866	1812	1928	1904	1874	1916
10	1785	1741	1820	1854	1908	1886	1832	1950	1924	1892
11	1968	1974	1896	1824	1848	1975	1954	1898	2020	1993
12	1909	1845	1927	2016	2047	2024	2150	2144	2087	2158
<i>High total</i>	<i>7404</i>	<i>7358</i>	<i>7467</i>	<i>7583</i>	<i>7669</i>	<i>7699</i>	<i>7865</i>	<i>7895</i>	<i>7904</i>	<i>7959</i>
<i>District total</i>	<i>25,011</i>	<i>25,107</i>	<i>25,300</i>	<i>25,231</i>	<i>25,239</i>	<i>25,270</i>	<i>25,417</i>	<i>25,418</i>	<i>25,435</i>	<i>25,482</i>
<i>Change</i>		<i>96</i>	<i>193</i>	<i>-69</i>	<i>8</i>	<i>31</i>	<i>147</i>	<i>1</i>	<i>17</i>	<i>47</i>

Birth rates declined from 2008 to 2010 during the Great Recession and have steadily increased each year since. Middle and high school enrollments are likely to continue to increase in the short term as the larger elementary school enrollments continue onto later grades. In addition to the KG-12 students listed above, a total of 1,808 students are enrolled in MMSD 4K and Pre-K programs (counts by location are listed after projections on page 10).



## By Demographic Identification

	Count of students					Percent of students				
	12-13	13-14	14-15	15-16	16-17	12-13	13-14	14-15	15-16	16-17
<i>Race &amp; ethnicity</i>										
American Indian	94	88	89	89	74	<1%	<1%	<1%	<1%	<1%
Asian	2293	2269	2315	2288	2255	9%	9%	9%	9%	9%
Black or African American	4629	4634	4591	4512	4508	19%	18%	18%	18%	18%
Hispanic or Latino	4607	4814	4978	5163	5322	18%	19%	20%	20%	21%
Pacific Islander	18	24	18	16	13	<1%	<1%	<1%	<1%	<1%
Two or more races	2135	2171	2200	2262	2256	9%	9%	9%	9%	9%
White	11234	11107	11113	10901	10811	45%	44%	44%	43%	43%
<i>Other demographics</i>										
Low-income	11375	11814	12158	12511	12620	45%	47%	48%	50%	50%
English Language Learner	6102	6438	6705	6871	6987	24%	26%	27%	27%	28%
Receiving Special Ed.	3213	3357	3501	3451	3528	13%	13%	14%	14%	14%

Over the past five years the number students and the percent of the student population identifying as Hispanic or Latino has steadily grown. Also, the number of students and the percent of the student population identified as low-income or an English Language Learner has increased. We do not produce projections based on demographic characteristics.

## Projection of Charter and Alternative Schools

At the middle school level, Badger Rock, Spring Harbor, and Wright have modified projections for their sixth grade. Since their charters or school policy guides specify specific numbers of students they can enroll, the projection is set as follows:

*Badger Rock:* The charter effective for the 2016-17 school year specifies that Badger Rock may serve up to 100 students enrolled across grades six, seven, and eight. Their projection is therefore capped at 100 students for the entire school and their sixth grade projection is 35 students to conform to enrollment expectations.

*Spring Harbor:* The school enrollment policy for the 2016-17 school year specifies that up to 90 students may enroll into Spring Harbor's sixth grade. Their sixth grade projection is therefore 90 students.

*Wright:* The charter effective for the 2016-17 school year specifies that Wright may enroll up to 85 students in sixth grade and may serve up to 255 students across all grades. The projection for sixth grade and the school is therefore 85 and 255, respectively.

The difference between what the projection methodology expects and these Charter and policy rules state are handled by modifying the projections of all schools to properly redistribute students according to the current school year's distribution.

At the high school level, Capital High (formerly Innovative & Alternative), Metro, and Shabazz enrollments are projected in the same manner as other high schools. These projections should be seen as more open to variance since at lower grades (9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup>) enrollments are relatively small and fluctuate widely and for 12<sup>th</sup> grade the enrollment number increases greatly as students repeat twelfth grade, transfer from traditional high schools, and enter from outside the district. It is difficult to project this process because it depends on non-typical enrollment patterns and a disproportionate share of these students are not enrolled as eleventh or twelfth graders during the previous school year. The projection methodology smooths this process by assuming that the recent distribution of students across high school grades will hold, therefore students are redistributed between high schools to ensure that school projections conform to recent evidence of enrollment patterns.



SCHOOL	YEAR	KG	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL K-12
ALLIS	16-17	65	75	82	66	57	51								396
ALLIS	17-18	80	63	74	80	64	55								416
ALLIS	18-19	84	77	61	72	78	62								434
ALLIS	19-20	83	81	75	58	70	75								443
ALLIS	20-21	83	80	79	72	56	68								438
ALLIS	21-22	84	80	78	75	70	55								441
CHAVEZ	16-17	107	105	100	109	90	96								607
CHAVEZ	17-18	103	102	103	97	106	87								598
CHAVEZ	18-19	109	99	100	99	94	102								602
CHAVEZ	19-20	108	104	97	97	96	91								592
CHAVEZ	20-21	110	103	101	93	94	93								595
CHAVEZ	21-22	111	104	101	98	90	91								596
CRESTWOOD	16-17	58	57	52	59	66	55								347
CRESTWOOD	17-18	58	55	56	51	57	64								341
CRESTWOOD	18-19	61	55	54	55	49	55								329
CRESTWOOD	19-20	60	58	54	53	53	48								326
CRESTWOOD	20-21	61	57	57	53	51	52								330
CRESTWOOD	21-22	61	57	56	55	51	49								330
ELVEHJEM	16-17	53	77	71	70	76	49								396
ELVEHJEM	17-18	68	50	76	69	68	74								404
ELVEHJEM	18-19	71	64	49	74	67	66								391
ELVEHJEM	19-20	70	67	63	48	72	65								385
ELVEHJEM	20-21	70	66	66	62	47	70								380
ELVEHJEM	21-22	71	66	65	64	60	45								371
EMERSON	16-17	81	54	68	54	50	54								361
EMERSON	17-18	77	76	53	66	52	48								373
EMERSON	18-19	80	72	75	52	64	51								395
EMERSON	19-20	79	76	71	74	50	62								412
EMERSON	20-21	80	74	74	69	71	49								418
EMERSON	21-22	80	75	73	73	67	69								437
FALK	16-17	56	56	55	48	40	45								300
FALK	17-18	56	53	55	54	46	39								303
FALK	18-19	59	53	52	54	52	45								315
FALK	19-20	58	56	52	51	52	50								320
FALK	20-21	59	55	55	51	49	51								320
FALK	21-22	59	55	54	54	50	48								319
FRANKLIN	16-17	121	105	120											346
FRANKLIN	17-18	118	114	103											335
FRANKLIN	18-19	123	111	112											347
FRANKLIN	19-20	122	116	109											347
FRANKLIN	20-21	123	115	115											352
FRANKLIN	21-22	123	116	113											352
GLENDALE	16-17	77	77	86	69	73	74								456
GLENDALE	17-18	83	75	75	82	67	71								452
GLENDALE	18-19	87	81	73	71	79	64								455
GLENDALE	19-20	86	85	78	69	68	76								462
GLENDALE	20-21	86	84	82	74	67	66								458
GLENDALE	21-22	87	84	81	78	72	64								465
GOMPERS	16-17	34	45	32	43	37	48								239
GOMPERS	17-18	38	32	44	31	42	36								223
GOMPERS	18-19	40	36	32	43	30	40								222
GOMPERS	19-20	39	38	35	31	42	29								215
GOMPERS	20-21	40	37	37	35	30	41								219
GOMPERS	21-22	40	37	37	36	34	29								213
HAWTHORNE	16-17	55	63	69	64	52	57								360
HAWTHORNE	17-18	57	52	62	67	62	50								351
HAWTHORNE	18-19	60	54	51	61	65	60								351
HAWTHORNE	19-20	59	57	53	50	59	63								341
HAWTHORNE	20-21	60	56	56	52	48	57								328
HAWTHORNE	21-22	60	56	55	54	50	47								323



SCHOOL	YEAR	KG	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL K-12
HUEGEL	16-17	88	83	84	64	82	66								467
HUEGEL	17-18	87	83	82	82	62	79								476
HUEGEL	18-19	91	82	82	80	80	60								475
HUEGEL	19-20	90	86	81	80	77	77								492
HUEGEL	20-21	91	85	85	79	77	75								493
HUEGEL	21-22	92	86	84	83	77	75								496
KENNEDY	16-17	74	80	79	90	95	82								500
KENNEDY	17-18	77	70	79	77	87	92								482
KENNEDY	18-19	81	72	69	77	75	84								458
KENNEDY	19-20	79	76	71	67	75	72								441
KENNEDY	20-21	80	75	75	70	65	72								437
KENNEDY	21-22	81	75	74	73	68	63								433
LAKE VIEW	16-17	48	46	39	39	43	43								258
LAKE VIEW	17-18	46	45	45	38	38	42								254
LAKE VIEW	18-19	48	43	45	44	37	37								254
LAKE VIEW	19-20	47	45	43	44	43	36								258
LAKE VIEW	20-21	48	45	45	42	42	42								262
LAKE VIEW	21-22	48	45	44	44	40	41								262
LAPHAM	16-17	69	62	61											192
LAPHAM	17-18	67	65	61											193
LAPHAM	18-19	70	63	64											197
LAPHAM	19-20	69	66	62											197
LAPHAM	20-21	69	65	65											199
LAPHAM	21-22	70	65	64											199
LEOPOLD	16-17	119	122	114	133	92	104								684
LEOPOLD	17-18	115	116	118	109	129	89								675
LEOPOLD	18-19	122	112	112	111	105	124								686
LEOPOLD	19-20	125	118	108	106	108	101								668
LEOPOLD	20-21	128	122	115	102	103	104								675
LEOPOLD	21-22	131	125	118	109	99	99								682
LINCOLN	16-17				158	129	131								418
LINCOLN	17-18				130	153	124								407
LINCOLN	18-19				143	126	148								416
LINCOLN	19-20				121	138	121								380
LINCOLN	20-21				135	117	133								384
LINCOLN	21-22				141	130	113								384
LINDBERGH	16-17	16	29	33	26	35	37								176
LINDBERGH	17-18	25	15	29	32	25	34								160
LINDBERGH	18-19	26	24	15	28	31	24								148
LINDBERGH	19-20	26	25	23	15	27	30								146
LINDBERGH	20-21	26	24	24	23	14	26								138
LINDBERGH	21-22	26	24	24	24	22	14								134
LOWELL	16-17	51	54	59	58	50	49								321
LOWELL	17-18	58	48	53	58	56	48								322
LOWELL	18-19	61	55	47	52	56	54								326
LOWELL	19-20	60	58	54	46	50	54								323
LOWELL	20-21	61	57	57	53	45	49								321
LOWELL	21-22	61	57	56	55	51	43								324
MARQUETTE	16-17				76	68	77								221
MARQUETTE	17-18				60	74	66								199
MARQUETTE	18-19				60	58	71								189
MARQUETTE	19-20				63	58	56								176
MARQUETTE	20-21				61	61	56								177
MARQUETTE	21-22				63	59	59								181
MENDOTA	16-17	58	52	56	45	40	53								304
MENDOTA	17-18	59	55	51	55	44	39								302
MENDOTA	18-19	62	56	54	50	53	42								317
MENDOTA	19-20	61	59	55	53	49	51								327
MENDOTA	20-21	62	58	58	54	51	47								329
MENDOTA	21-22	62	58	57	56	52	49								335



SCHOOL	YEAR	KG	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL K-12
MIDVALE	16-17	135	155	137											427
MIDVALE	17-18	151	132	150											433
MIDVALE	18-19	158	147	128											432
MIDVALE	19-20	155	154	142											452
MIDVALE	20-21	156	152	149											457
MIDVALE	21-22	157	153	147											457
MUIR	16-17	58	83	67	46	70	62								386
MUIR	17-18	72	55	82	65	45	68								387
MUIR	18-19	76	68	54	80	63	43								385
MUIR	19-20	75	72	67	53	77	61								405
MUIR	20-21	75	71	70	66	51	75								408
MUIR	21-22	76	71	70	69	64	49								399
NUESTRO MUNDO	16-17	51	54	51	53	54	48								311
NUESTRO MUNDO	17-18	52	51	52	47	51	52								305
NUESTRO MUNDO	18-19	55	52	49	48	46	49								299
NUESTRO MUNDO	19-20	54	55	50	45	46	44								294
NUESTRO MUNDO	20-21	54	54	53	46	44	44								296
NUESTRO MUNDO	21-22	55	54	52	49	45	42								296
OLSON	16-17	83	63	70	64	63	59								402
OLSON	17-18	76	78	62	68	62	61								408
OLSON	18-19	80	72	77	61	66	60								416
OLSON	19-20	79	75	71	75	59	64								423
OLSON	20-21	79	74	74	69	73	57								427
OLSON	21-22	80	75	73	73	67	71								438
ORCHARD RIDGE	16-17	46	36	52	51	57	42								284
ORCHARD RIDGE	17-18	50	43	35	51	49	55								284
ORCHARD RIDGE	18-19	52	47	43	35	49	48								274
ORCHARD RIDGE	19-20	52	49	46	42	34	48								270
ORCHARD RIDGE	20-21	52	49	48	45	40	33								267
ORCHARD RIDGE	21-22	52	49	48	47	44	39								279
RANDALL	16-17				107	135	136								378
RANDALL	17-18				118	104	131								353
RANDALL	18-19				101	115	100								316
RANDALL	19-20				110	98	111								319
RANDALL	20-21				107	106	95								308
RANDALL	21-22				112	104	103								319
SANDBURG	16-17	81	61	79	71	60	60								412
SANDBURG	17-18	74	79	59	75	69	58								414
SANDBURG	18-19	78	72	76	57	73	66								422
SANDBURG	19-20	77	76	70	73	55	70								420
SANDBURG	20-21	77	74	73	67	70	53								415
SANDBURG	21-22	78	75	72	70	65	68								427
SCHENK	16-17	85	71	79	66	80	64								445
SCHENK	17-18	76	82	70	77	64	78								447
SCHENK	18-19	80	74	80	68	75	62								439
SCHENK	19-20	79	77	72	76	66	72								442
SCHENK	20-21	79	76	75	68	74	64								437
SCHENK	21-22	80	77	74	72	66	71								439
SHOREWOOD	16-17	89	81	66	71	79	55								441
SHOREWOOD	17-18	85	84	80	65	69	77								459
SHOREWOOD	18-19	90	81	83	78	62	67								460
SHOREWOOD	19-20	88	84	79	81	76	61								469
SHOREWOOD	20-21	89	83	83	78	78	73								484
SHOREWOOD	21-22	89	84	82	81	75	76								487
STEPHENS	16-17	77	89	107	79	90	70								512
STEPHENS	17-18	87	73	88	105	77	87								515
STEPHENS	18-19	91	82	71	86	101	74								505
STEPHENS	19-20	89	85	80	70	83	98								506
STEPHENS	20-21	90	84	84	79	68	80								485
STEPHENS	21-22	91	85	83	82	76	66								483



SCHOOL	YEAR	KG	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL K-12
THOREAU	16-17	66	59	80	73	62	59								399
THOREAU	17-18	69	62	58	78	71	60								398
THOREAU	18-19	72	65	61	57	76	69								400
THOREAU	19-20	72	68	64	60	55	73								392
THOREAU	20-21	73	68	67	63	58	53								381
THOREAU	21-22	73	68	67	66	61	56								391
VAN HISE	16-17	73	65	65	64	66	60								393
VAN HISE	17-18	68	69	64	64	62	64								390
VAN HISE	18-19	71	64	68	63	62	60								387
VAN HISE	19-20	70	67	63	66	61	60								387
VAN HISE	20-21	71	66	66	62	64	59								388
VAN HISE	21-22	71	67	65	65	60	62								390
BADGER ROCK	16-17							20	36	20					76
BADGER ROCK	17-18							35	20	36					90
BADGER ROCK	18-19							35	34	19					89
BADGER ROCK	19-20							32	34	34					100
BADGER ROCK	20-21							35	31	34					100
BADGER ROCK	21-22							35	34	31					100
BLACK HAWK	16-17							144	127	118					389
BLACK HAWK	17-18							156	141	126					423
BLACK HAWK	18-19							130	153	140					423
BLACK HAWK	19-20							125	127	152					405
BLACK HAWK	20-21							125	123	127					375
BLACK HAWK	21-22							134	122	122					378
CHEROKEE	16-17							193	160	124					477
CHEROKEE	17-18							208	188	160					556
CHEROKEE	18-19							186	202	189					577
CHEROKEE	19-20							233	181	204					618
CHEROKEE	20-21							207	227	182					615
CHEROKEE	21-22							200	202	228					630
HAMILTON	16-17							241	316	269					826
HAMILTON	17-18							235	236	314					784
HAMILTON	18-19							254	230	234					718
HAMILTON	19-20							224	249	228					701
HAMILTON	20-21							219	219	247					685
HAMILTON	21-22							216	214	218					648
JEFFERSON	16-17							170	161	173					504
JEFFERSON	17-18							179	166	160					505
JEFFERSON	18-19							204	175	165					545
JEFFERSON	19-20							168	200	174					542
JEFFERSON	20-21							205	165	198					568
JEFFERSON	21-22							202	200	164					566
O'KEEFFE	16-17							159	157	182					498
O'KEEFFE	17-18							152	156	156					464
O'KEEFFE	18-19							139	149	155					442
O'KEEFFE	19-20							153	136	148					437
O'KEEFFE	20-21							140	150	135					425
O'KEEFFE	21-22							132	137	149					418
SENNETT	16-17							244	214	208					666
SENNETT	17-18							207	238	214					660
SENNETT	18-19							236	202	239					677
SENNETT	19-20							228	230	203					661
SENNETT	20-21							246	222	231					699
SENNETT	21-22							234	240	223					697
SHERMAN	16-17							166	131	121					418
SHERMAN	17-18							161	162	130					453
SHERMAN	18-19							148	157	162					467
SHERMAN	19-20							163	145	157					465
SHERMAN	20-21							179	159	145					483
SHERMAN	21-22							145	175	160					479





SCHOOL	YEAR	KG	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL K-12
SPRING HARBOR	16-17							90	89	90					269
SPRING HARBOR	17-18							90	88	88					266
SPRING HARBOR	18-19							90	88	87					266
SPRING HARBOR	19-20							90	88	87					266
SPRING HARBOR	20-21							90	88	87					266
SPRING HARBOR	21-22							90	88	87					266
TOKI	16-17							178	212	185					575
TOKI	17-18							196	174	210					581
TOKI	18-19							214	192	173					579
TOKI	19-20							201	209	191					601
TOKI	20-21							210	197	208					614
TOKI	21-22							192	205	196					593
WHITEHORSE	16-17							177	152	144					473
WHITEHORSE	17-18							141	173	151					465
WHITEHORSE	18-19							163	138	172					472
WHITEHORSE	19-20							142	159	137					439
WHITEHORSE	20-21							140	139	158					438
WHITEHORSE	21-22							132	137	138					408
WRIGHT	16-17							85	87	83					255
WRIGHT	17-18							85	83	86					255
WRIGHT	18-19							85	83	83					250
WRIGHT	19-20							85	83	84					251
WRIGHT	20-21							85	83	83					251
WRIGHT	21-22							85	83	83					251
EAST	16-17										419	405	376	394	1594
EAST	17-18										430	405	400	363	1598
EAST	18-19										425	416	400	382	1622
EAST	19-20										463	410	410	384	1668
EAST	20-21										465	449	405	395	1713
EAST	21-22										416	448	444	390	1697
LA FOLLETTE	16-17										397	384	374	403	1558
LA FOLLETTE	17-18										392	391	387	372	1542
LA FOLLETTE	18-19										416	387	394	382	1580
LA FOLLETTE	19-20										450	411	390	390	1641
LA FOLLETTE	20-21										388	442	414	388	1632
LA FOLLETTE	21-22										435	383	444	410	1671
MEMORIAL	16-17										467	494	470	480	1911
MEMORIAL	17-18										471	472	508	490	1940
MEMORIAL	18-19										485	475	486	525	1971
MEMORIAL	19-20										451	489	489	508	1938
MEMORIAL	20-21										478	456	504	509	1948
MEMORIAL	21-22										520	482	472	522	1995
WEST	16-17										559	579	533	520	2191
WEST	17-18										496	573	579	552	2200
WEST	18-19										577	510	573	598	2259
WEST	19-20										515	592	511	598	2217
WEST	20-21										519	530	593	540	2181
WEST	21-22										521	533	531	573	2158
CAPITAL HIGH	16-17							0	2	0	16	24	56	200	298
CAPITAL HIGH	17-18							0	2	0	16	24	60	198	299
CAPITAL HIGH	18-19							0	2	0	17	23	59	210	311
CAPITAL HIGH	19-20							0	2	0	16	25	58	209	310
CAPITAL HIGH	20-21							0	2	0	16	24	61	204	307
CAPITAL HIGH	21-22							0	2	0	16	24	60	211	313
METRO SCHOOL	16-17							2	2	2	3	2	5	9	25
METRO SCHOOL	17-18							2	2	2	3	2	5	9	25
METRO SCHOOL	18-19							2	2	2	3	2	5	9	26
METRO SCHOOL	19-20							2	2	2	3	2	5	9	26
METRO SCHOOL	20-21							2	2	2	3	2	5	9	26
METRO SCHOOL	21-22							2	2	2	3	2	5	9	26





SCHOOL	YEAR	KG	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL K-12
SHABAZZ	16-17										5	20	34	42	101
SHABAZZ	17-18										5	20	36	42	102
SHABAZZ	18-19										5	19	36	44	104
SHABAZZ	19-20										5	20	35	44	104
SHABAZZ	20-21										5	20	37	43	105
SHABAZZ	21-22										5	20	37	44	106
TOTAL	16-17	2074	2059	2114	2016	1991	1886	1869	1846	1719	1866	1908	1848	2048	25244
TOTAL	17-18	2134	1975	2020	2051	1952	1927	1847	1829	1834	1812	1886	1975	2024	25270
TOTAL	18-19	2237	2032	1936	1959	1986	1889	1885	1807	1821	1928	1832	1954	2150	25417
TOTAL	19-20	2214	2130	1992	1874	1896	1922	1847	1845	1802	1904	1950	1898	2144	25418
TOTAL	20-21	2231	2108	2088	1928	1814	1835	1882	1807	1837	1874	1924	2020	2087	25435
TOTAL	21-22	2248	2125	2067	2021	1867	1755	1798	1841	1802	1916	1892	1993	2158	25482



### 4K/PK Enrollment by Site

Our enrollment reports generally focus on students in grades K-12. However, we also enroll nearly 2000 students in 4K/PK programs. The tables below show 4K/PK enrollment by site for the 2016-17 Third Friday count and a recent history of 4K/PK enrollment at the district-level. We do not produce location-level enrollment projections for 4K/PK because enrollment at the location level is dependent upon programmatic decisions at the district level and parental decisions and not on attendance boundaries.

4K/PK in MMSD Schools		4K/PK Locations	
Location	Count	Location	Count
<i>MMSD 4K Total</i>	<i>1012</i>	<i>4K/PK Locations Total</i>	<i>796</i>
Allis	99	4K PK Off Site	88
Chavez	66	Animal Crackers	12
Crestwood	18	Bernie's Place	16
Elvehjem	51	Big Oak Childcare	12
Emerson	34	Creative Learning	21
Falk	58	Eagle's Wing	20
Franklin	55	Goodman Center	30
Glendale	58	Headstart-East Msn	47
Gompers	18	Headstart-Northport	16
Hawthorne	36	Headstart-NS ED	8
Huegel	33	Headstart-Packers	11
Lapham	46	Headstart-Red Arrow	78
Lincoln	32	Headstart-South Msn	65
Lindbergh	18	Kennedy Hts	10
Lowell	25	Kindercare-London	11
Mendota	25	Kindercare-Old Sauk	10
Midvale	31	LaPetite-N. Gammon	13
Muir	35	Learning Gardens	25
Olson	38	MATC-Downtown	3
Orchard Ridge	50	MATC-Truax	11
Sandburg	58	Meeting House	46
Shorewood	31	Monona Grove Nursery	31
Stephens	64	New Morning	38
Thoreau	33	Orchard Rdg. Nursery M-F	24
		Orchard Rdg. Nursery M-R	24
		Preschool of the Art	26
		Red Caboose	6
		Univ. Ave Discovery	18
		Univ. House Preschool	6
		Univ. Preschool Linden	25
		Waisman	23
		YMCA-East	10
		YMCA-West	12

Enrollment History 4K/PK				
12-13	13-14	14-15	15-16	16-17
2084	2079	1975	1918	1808



## Appendix A: Projection of DLI and non-DLI students

As indicated earlier in this report, MMSD's enrollment projection methodology has been updated to account for students participating in Dual Language Immersion (DLI) learning environments.

The two processes that have been modified are the progression rates from a grade to the subsequent grade and the distribution rates of students between schools at transition points. The modification of the progression rates has a small effect on the projection caused by the changing mix of DLI and non-DLI students. The modification of distribution rates has no effect for most schools and a large impact for some school attendance patterns that have new DLI programs.

### Progression rates from grade-to-grade

The progression rates from grade-to-grade are relatively similar for DLI and non-DLI students. The average for DLI students at the elementary school level is 96% and at the middle school level it is 101%, while for non-DLI students it is 97% and 98%, respectively. For high school grades the regular student progression rates were used because the DLI student population is too small to build reliable rates.

### Distribution rates between schools

The distribution of students between schools (e.g. distributing projected sixth graders to middle schools based on fifth graders and their elementary schools) are substantially different for DLI and non-DLI students in some cases. These rates are based on the end of year student count, the Third Friday of September student count and whether or not the students participated in DLI during the end of year count school year.

The observed rates between elementary schools with fifth grade students at schools with DLI programs into middle schools with DLI programs are listed here. Most of the differences in transition rates for DLI and non-DLI students are small but some are substantial and the updated projections take this observed reality into account. The effect of DLI expansion on attendance patterns is to increase the likelihood that students participating in DLI programming in elementary school are sometimes more likely to select a middle school with DLI programming than are elementary students not participating in DLI programming.

As an example, Leopold has both students participating in DLI and non-DLI learning environments. The fifth grade DLI population at Leopold continued onto Cherokee (a DLI middle school) 76% of the time while the non-DLI population continued onto Cherokee only 60% of the time. In our projection, an increase in Leopold's DLI population will lead to an increase in Cherokee's projected enrollment because Leopold DLI students are more likely than non-DLI students to attend Cherokee.

End of Year School	September School	DLI Student Distribution Rate	Regular Student Distribution Rate	Difference
Glendale	Sennett	95%	94%	0%
Leopold	Cherokee	76%	60%	16%
Leopold	Sennett	5%	2%	3%
Leopold	Sherman	0%	2%	-2%
Lincoln	Cherokee	63%	26%	37%
Lincoln	Sennett	0%	4%	-4%
Lincoln	Sherman	0%	2%	-2%
Nuestro Mundo	Cherokee	2%	—	—
Nuestro Mundo	Sennett	93%	—	—
Sandburg	Cherokee	0%	3%	-3%
Sandburg	Sennett	0%	3%	-3%
Sandburg	Sherman	97%	83%	14%

Since the ELL Three-year Plan is only in its second-year, the effects of DLI expansion at schools will not be fully realized for several more years. Where observed distribution rates for schools are not available because it is the first year the program exists or program expansion is planned for future years in our five-year projection we have used the regular student distribution rates. As more evidence on DLI and non-DLI attendance patterns accumulate our ability to project enrollment will improve.