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MCFARLAND UNIFIED
SCHOOL DISTRICT
DEMOGRAPHIC STUDY 2015

August 2015



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McFarland Unified School District

Demographic Study

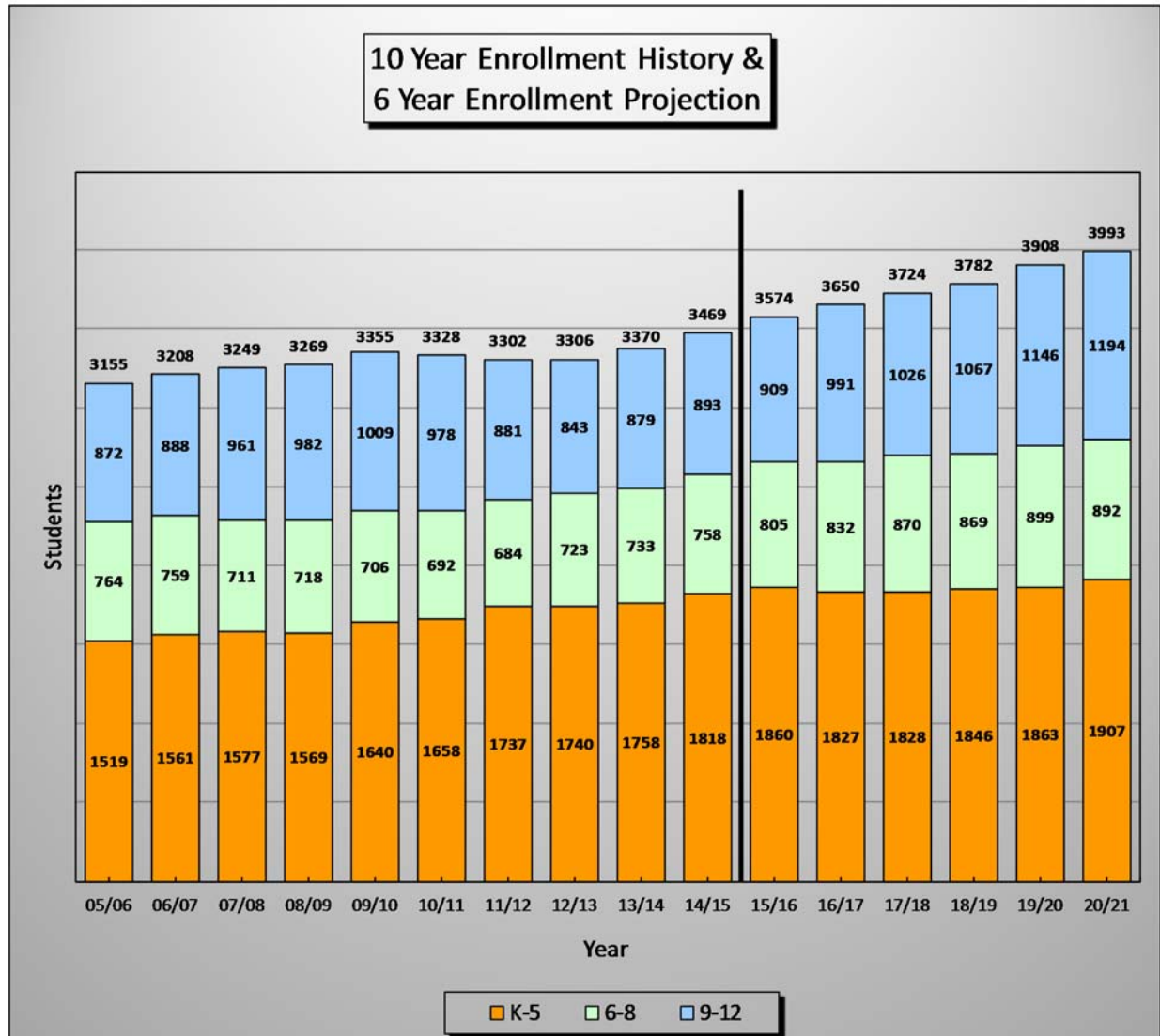
2014-2015

Executive Summary

McFarland Unified School District is projected to grow in enrollment by 3.03% (or 105 students) for the 2015/16 school year. The District is projected to continue growing over the next six years with a projected enrollment of 3,993 students in the 2020/21 school year. This is a total growth of 524 students, which is an increase of 15.11%.

The projections are predicated upon the continued development of 388 housing units over the next six years. If the building rates increase or decrease, then the timeline shown in this report will need to be modified accordingly. These projected new developments in the District's boundary are expected to generate 57 students next year, or a total of 457 students in the next six years.

The District has a total capacity of 4,795 students and a current enrollment of 3,469. This gives McFarland Unified School District a current utilization factor of 72.3%. The projected utilization factor in six years will be 83.3%. This assumes loading standards remain constant and no additional facilities are built or removed.



McFarland Unified School District

Demographic Study

2014-2015

McFarland Unified School District

Enrollment Projections

YEAR 15/16, 1 Year Proj.

<u>School</u>	<u>T K</u>	<u>K</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>TOTAL</u>
Browning Elem	29	106	95	105	115	119	98	0	0	0	0	0	0	0	667
Kern Avenue Elem	31	102	120	135	109	126	127	0	0	0	0	0	0	0	750
Horizon Elem	20	64	76	76	59	65	83	0	0	0	0	0	0	0	443
McFarland Middle	0	0	0	0	0	0	0	278	255	272	0	0	0	0	805
McFarland High	0	0	0	0	0	0	0	0	0	0	229	234	215	163	841
McFarland Independent	0	0	0	0	0	0	0	0	0	0	1	1	6	4	12
San Joaquin High	0	0	0	0	0	0	0	0	0	0	12	23	17	4	56
Totals	80	272	291	316	283	310	308	278	255	272	242	258	238	171	3,574
Current CBEDS	41	276	312	282	305	309	293	261	261	236	251	247	192	203	3,469
Net Change	39	-4	-21	34	-22	1	15	17	-6	36	-9	11	46	-32	105
Cohort Change			15	4	1	5	-1	-15	-6	11	6	7	-9	-21	

These projections assume the transfers between schools remain consistent. If changes in facilities, schedules, programs or policies are made then the patterns may be impacted.

Introduction

This study has been prepared for the McFarland Unified School District using a state-of-the-art GIS (geographic information system) program. Several databases of information have been analyzed including; current and historic student enrollment records, birth rates over the past ten years, projected new housing developments, and school site facilities capacity and utilization. By taking advantage of multi-layered statistical data, this study will provide an accurate view of your Districts current environment and projected future trends.

Methodology

The enrollment projections for each school are generated using a State standard weighted cohort trend analysis. The basic projections are created by studying the individual geographic areas. Once the trends are analyzed for each area, the base projections are modified using the following procedures:

- a) Birth rates are used to project future kindergarten enrollment. It is assumed if the births indicate there was an increase of 4% one year, then there will be a corresponding 4% increase in the kindergarten class five years later.
- b) New Housing Development rates and yield factors are compared to the historical impact of development and if the future projections exceed the historical values, the projections are augmented accordingly.
- c) Inter-District student counts are not included in the base geographic trend analysis since these students reside outside of the District. Therefore, the current number of students-per-school and students-per-grade are added to the base projections.
- d) Intra-District students are those who transfer from one school to another. The number of students transferring into and out of each school are calculated and used to determine the difference between the projections for students living in each attendance area versus those that are projected to attend the school.
- e) The projections for special education students and alternative programs are created by assuming those programs typically serve a percentage of the total District population. Therefore as the District grows or declines, the enrollment in those programs would increase or decrease accordingly.

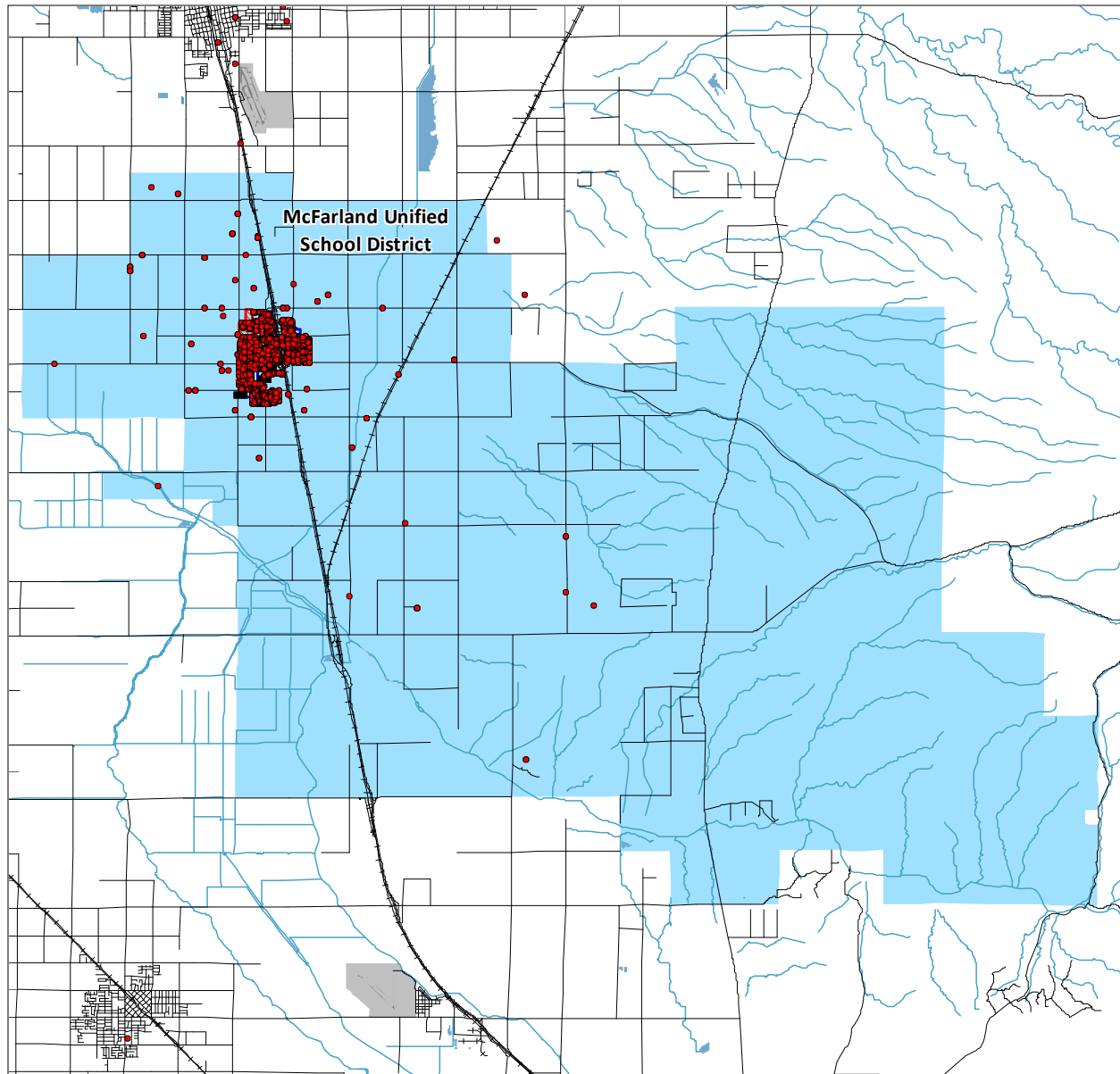
The projections in this study are based on the approved school boundaries and attendance patterns.

McFarland Unified School District

Demographic Study

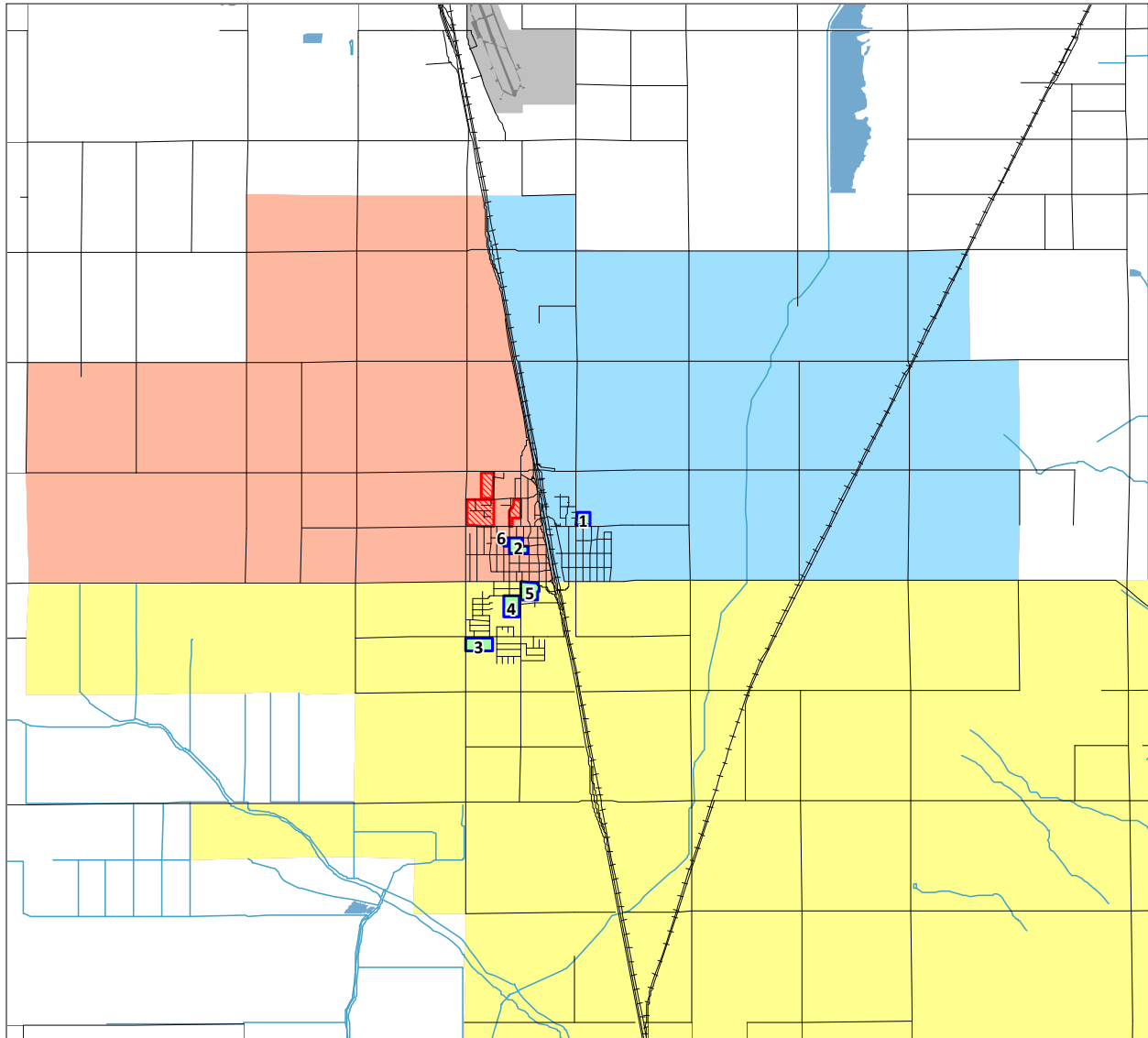
2014-2015

District Map with Student Residential Locations



This map shows the District boundary along with the location of each student based on their residential address. This geographic data is the foundation for our demographic analysis. Any red dots outside the district boundary will represent students attending one of the District schools or programs but have a residence outside the District. This map also identifies different areas of student population density.

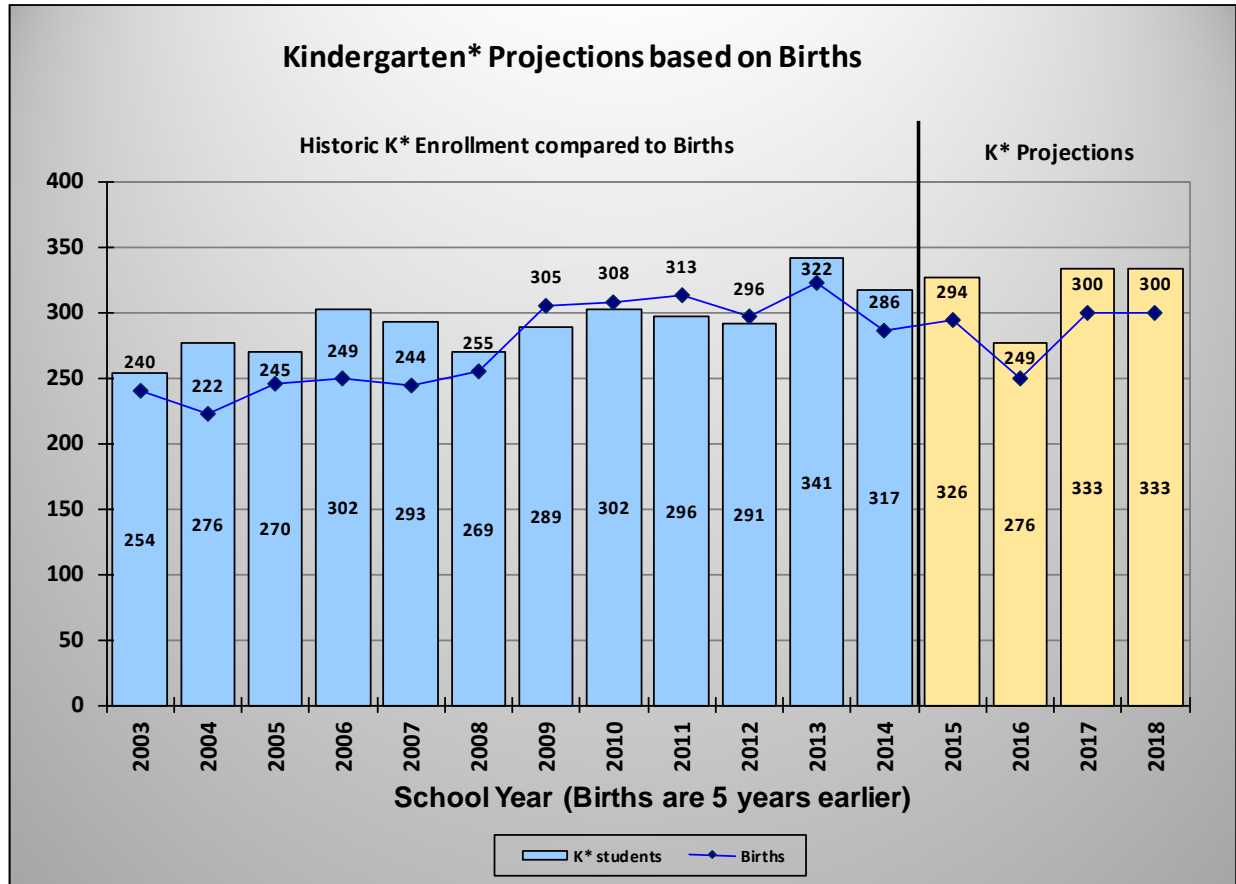
Elementary Boundaries and School Locations



<u>Id</u>	<u>School</u>	<u>Grades</u>	<u>Id</u>	<u>School</u>	<u>Grades</u>
1	Browning Elementary	K-5	8	McFarland Middle	6-8
2	Kern Avenue Elementary	K-5	9	McFarland High	9-12
3	Horizon Elementary	K-5	10	San Joaquin High	9-12

Historic Birth Rates

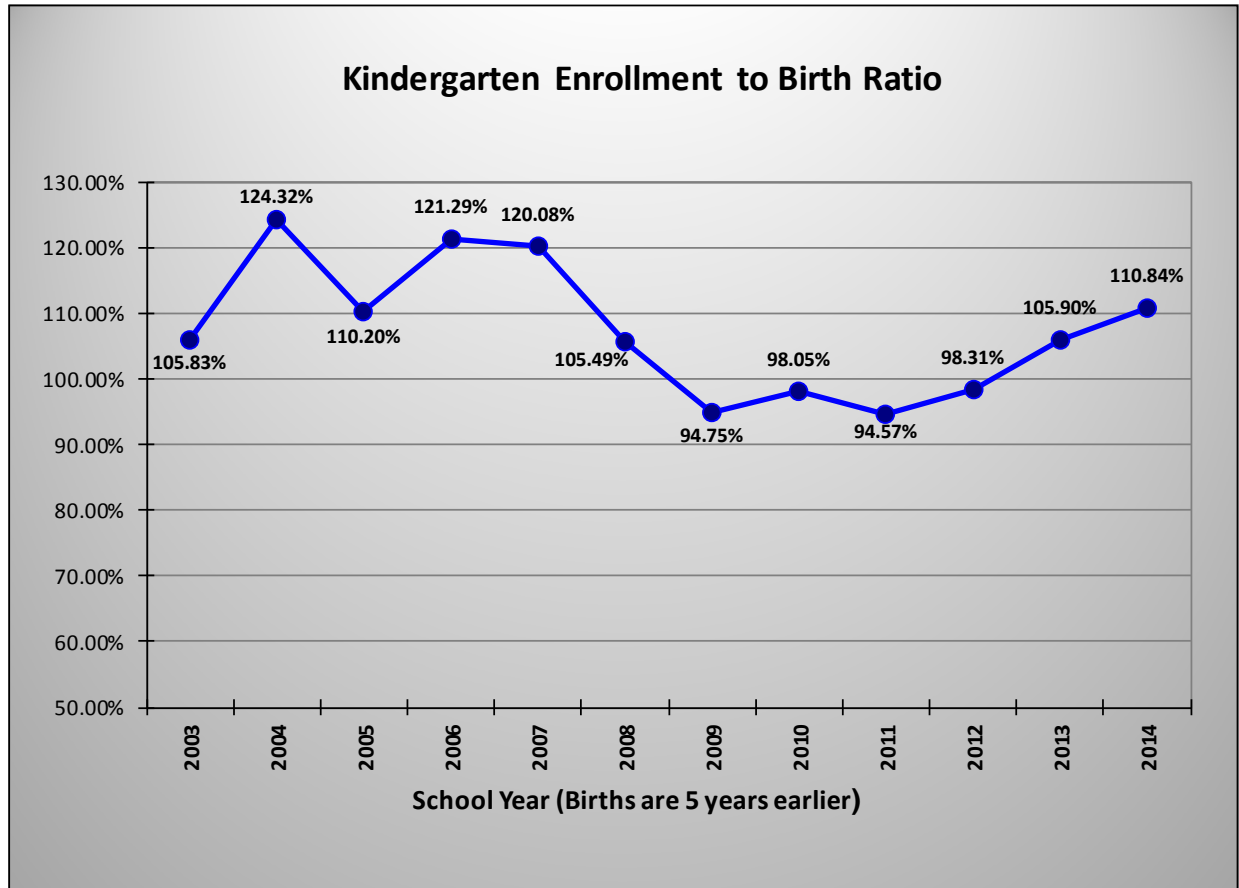
The following section is an analysis of the number of births in the McFarland Unified School District. The number of births are compiled by zip code regions and provided by the Department of Health. The zip code areas do not exactly match the District boundaries and therefore the zip code 93250 which is in the District was used for this analysis.



*Kindergarten Totals may include some Transitional Kindergarten students for the current as well as past two years to more accurately correlate a 12-month period of births to a 12-month period of enrollment.

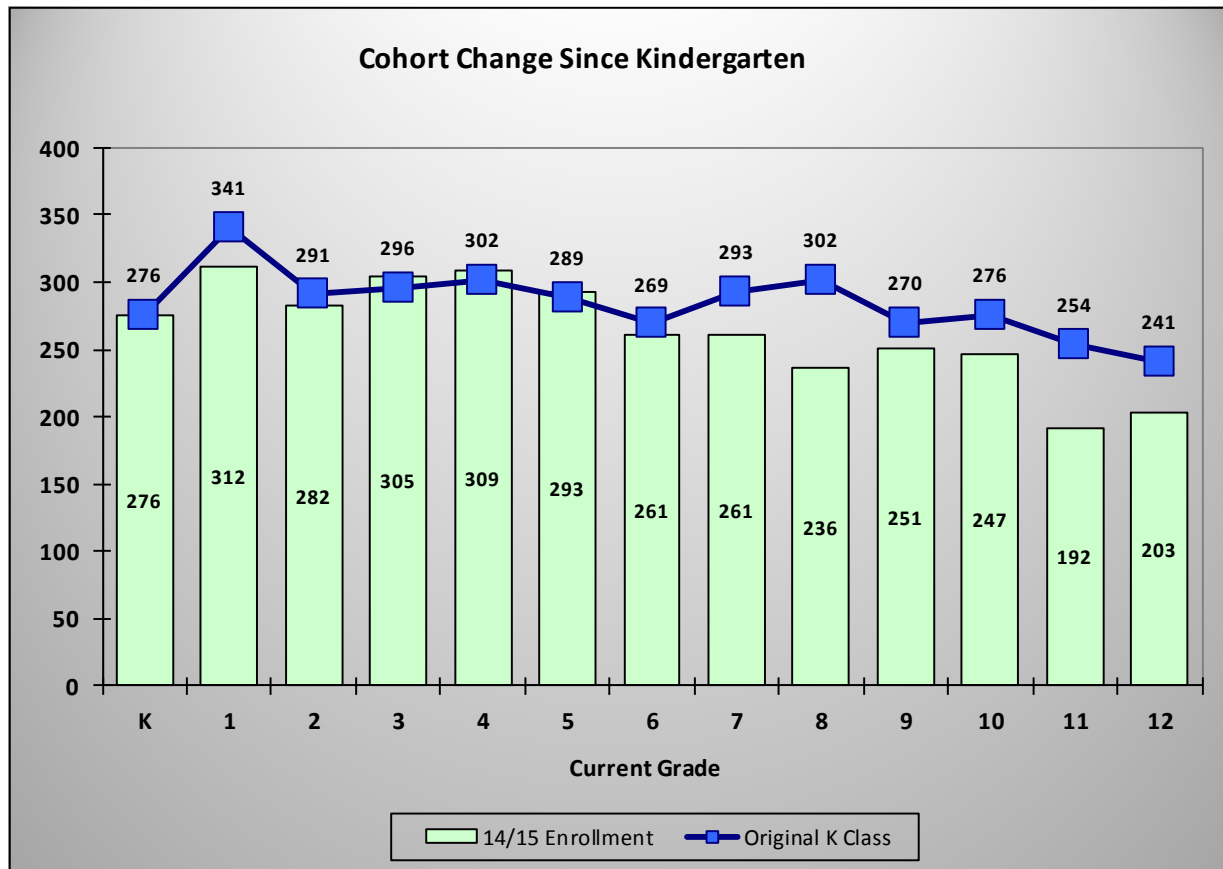
The above figure illustrates the correlation between births in the District area and the number of kindergarten students attending McFarland Unified schools five years later. The number of births between 1998 and 2009 has averaged about 274 per year. The recent birth rates over the past four years (2010 to 2013) which will generate the kindergarten classes for the next four years (2015 to 2018) have been between 276 and 333. We have assumed that the current kindergarten capture rate of 110.84% will be maintained in the future. The kindergarten projections shown here do not account for the impact of any additional housing units.

Historic Kindergarten Capture Rates



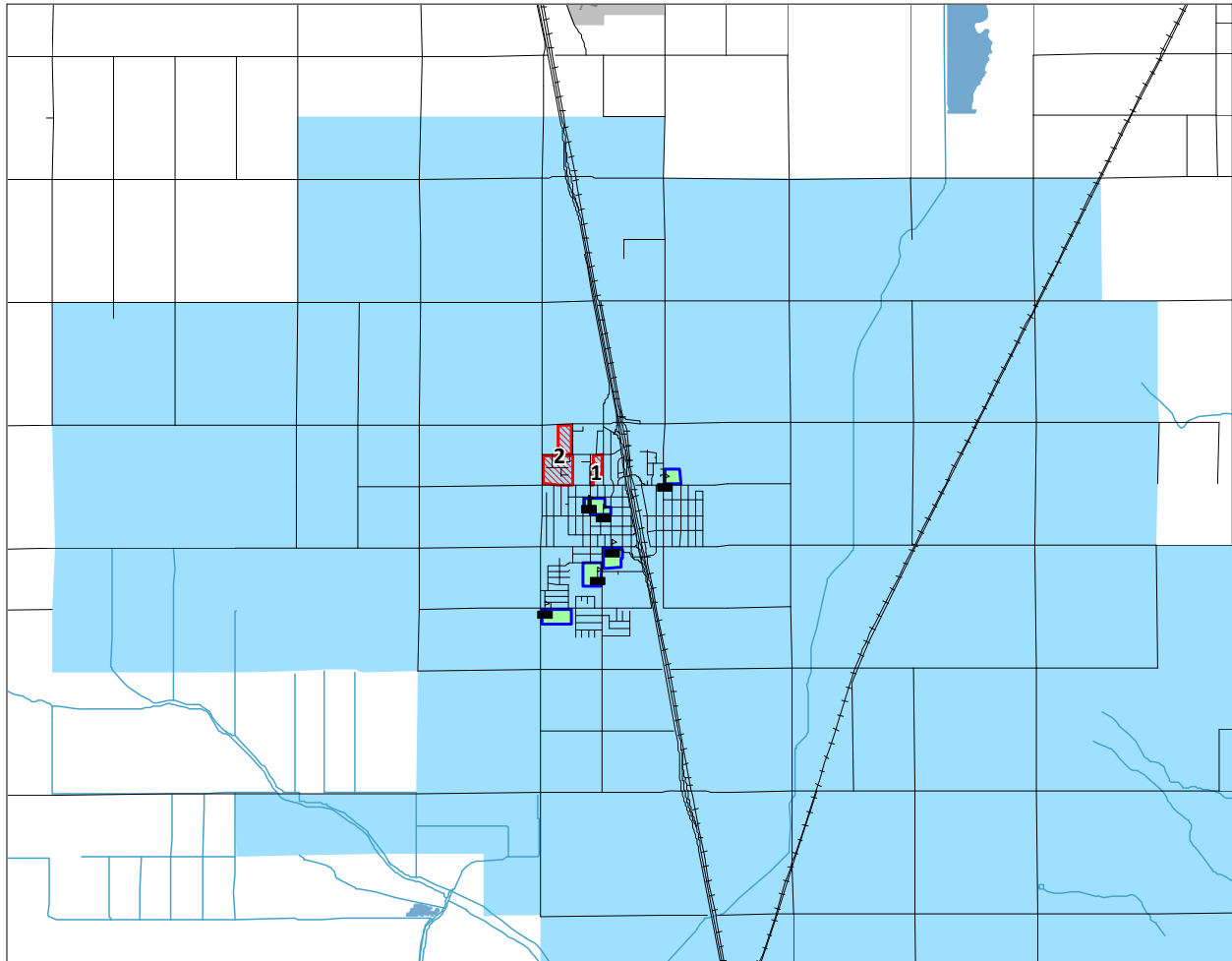
This figure shows the kindergarten capture rates for the past 12 years. Since the birth data is derived from zip code areas, which do not exactly match with the District boundaries, the capture rate also accounts for differences in the coverage areas. Low capture rates are common when a district serves only a portion of a large zip code area. A large capture rate is possible when families move into the area after the children were born, but before they showed up for kindergarten. Overall, the District has had a stable capture rate with a 12 year average of 107.47%.

Retention Rates Since Kindergarten



This chart compares the original kindergarten class size to the current enrollment for each grade. For example, the current 8th grade class has 236 students and eight years ago the kindergarten class had 302 students. Overall the class sizes have decreased since kindergarten.

New Housing Developments



This close up view of the District shows the location of the projected new development areas. These planned developments do not include all future projected new housing for the next six years.

<u>ID</u>	<u>Tract</u>	<u>Remaining Units</u>	<u>6 Year Projection</u>
1	Centerpointe	34	34
2	Villa del Caribe	60	60

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Assuming that 388 units are completed over a six year period, there would be an average of 65 new housing units per year. To determine the impact of the new housing development, each new housing unit is multiplied by the student yield rate. Currently the District student yield rate is 1.178 students per housing unit. This breaks down as follows:

<u>Grade</u>	<u>District</u>	<u>State</u>
K-6	0.673	0.40
7-8	0.159	0.10
9-12	0.346	0.20
Total	1.178	0.70

The yield rate used for new construction eligibility determination in the State building program is 0.70 students per home for K-12 districts. The yield rate in the McFarland Unified School District is significantly larger than the State average.

McFarland Unified School District							
New Development Construction							
Housing Units per Year							
<u>School</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>	<u>18/19</u>	<u>19/20</u>	<u>20/21</u>	<u>Totals</u>
	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>	
Browning Elem	0	0	0	0	50	50	100
Kern Avenue Elem	48	48	48	48	48	48	288
Horizon Elem	0	0	0	0	0	0	0
Elementary Totals	48	48	48	48	98	98	388
McFarland Middle	48	48	48	48	98	98	388
Middle Totals	48	48	48	48	98	98	388
McFarland High	48	48	48	48	98	98	388
High Totals	48	48	48	48	98	98	388

Based on these estimated construction rates, the development will generate 57 students next year and a total of 457 students in the next six years.

McFarland Unified School District

Demographic Study

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Historic Enrollment and Trends

McFarland Unified								
Historic Enrollment and Cohorts								
Grade	CBEDS Enrollment				Historic Cohorts			Weighted Average
	11/12	12/13	13/14	14/15	11 to 12	12 to 13	13 to 14	
T K	0	0	0	41				
K	296	291	341	276	-5	50	-65	-16.7
1	308	297	272	312	1	-19	-29	-20.7
2	296	304	294	282	-4	-3	10	3.3
3	269	292	297	305	-4	-7	11	2.5
4	298	264	287	309	-5	-5	12	3.5
5	270	292	267	293	-6	3	6	3.0
6	234	243	249	261	-27	-43	-6	-21.8
7	240	235	236	261	1	-7	12	3.8
8	210	245	248	236	5	13	0	5.2
9	238	210	241	251	0	-4	3	0.2
10	243	248	228	247	10	18	6	10.7
11	200	211	225	192	-32	-23	-36	-31.0
12	200	174	185	203	-26	-26	-22	-24.0
Totals	3,302	3,306	3,370	3,469	-7.1	-4.1	-7.5	-6.3
Annual Change:		4	64	99				

This chart shows the enrollment by grade level over the past 4 years. The cohort values were calculated for each grade and each year, along with the weighted average for each grade. A positive cohort value indicates that grade is expected to have more students than the previous grade last year. A negative value would mean that the grade has fewer students compared to the previous grade last year.

In general a positive cohort is representative of growth and a negative cohort indicates a decline in enrollment. There are some exceptions. First grade usually has a positive cohort as there are some students that do not attend kindergarten at public schools but show up in first grade.

Another important item to notice is the current breakdown by grade level of the student population. Comparing the number of students in the lower grades to the upper grades can indicate potential increases or decreases in future enrollments. Also, if there is a large class or a small class, it will slowly cause a ripple in the enrollments as it advances a grade each year.

Finally, the annual change at the bottom of this chart indicates the net impact of the changes in enrollment over the past few years.

School Projections

After the boundary map for each school, there is a chart that shows the projected enrollment for the next six years. These charts indicate the actual enrollment at each school over the past four years along with the projected enrollment for the next six years. In addition, the number of students living in the boundary are shown for the same time period. If there are more students attending than live in the area, then there is a net inflow. If more students live in the boundary than attend the school, then there is a net outflow.

The current capacity is shown on these charts to identify if there will be classroom space available for the students. If space is not available then the attendance patterns will likely need to change if the additional facilities are not provided. The capacity for each school was determined by using the following loading standards for each classroom identified:

<u>Grade</u>	<u>Loading Standard</u>
K	25
1-3	25
4-6	30
7-8	30
9-12	24

These loading standards are based on the current loading factors used this year and may change based on the level of funding for schools in the future.

Backup data is provided below each projection chart that shows the calculations of the cohort factors used to determine the enrollment projections for each school.

The number of students living in the boundary are shown which are then used to generate the cohort factors. The weighted average of the 3 years was determined with the current year weighted 50%, the prior year 33.3% and the last year 16.7%. This gives the current trends more value in determining the projections. Those cohorts are then used to determine the students who will be residing in each attendance area for the following years. The kindergarten enrollment is projected using the birth data instead of the cohort factor shown here.

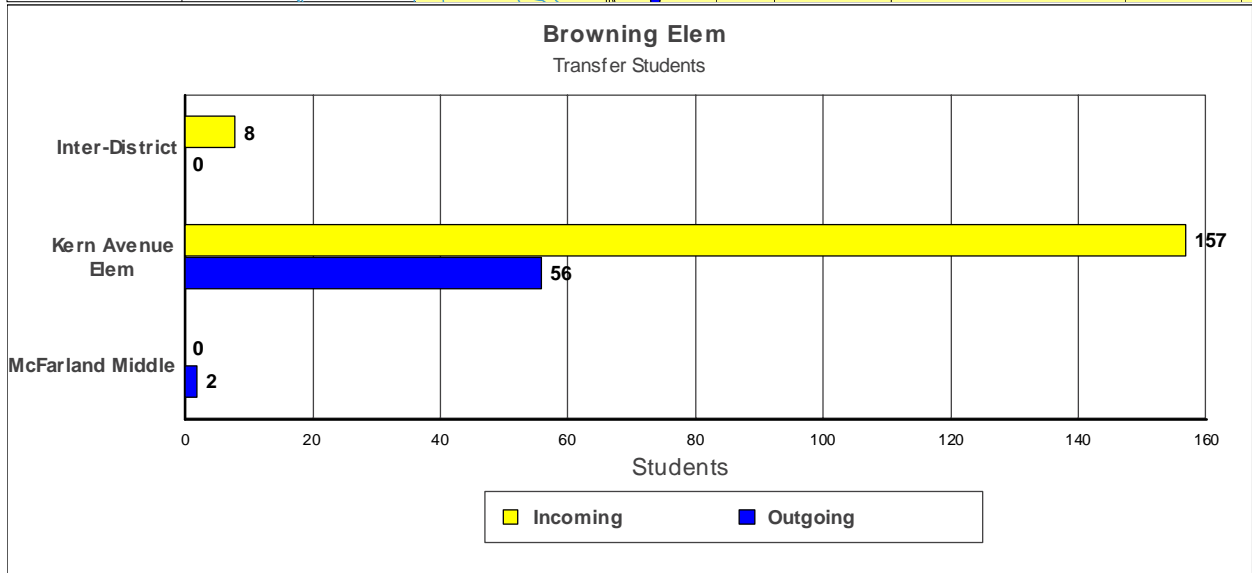
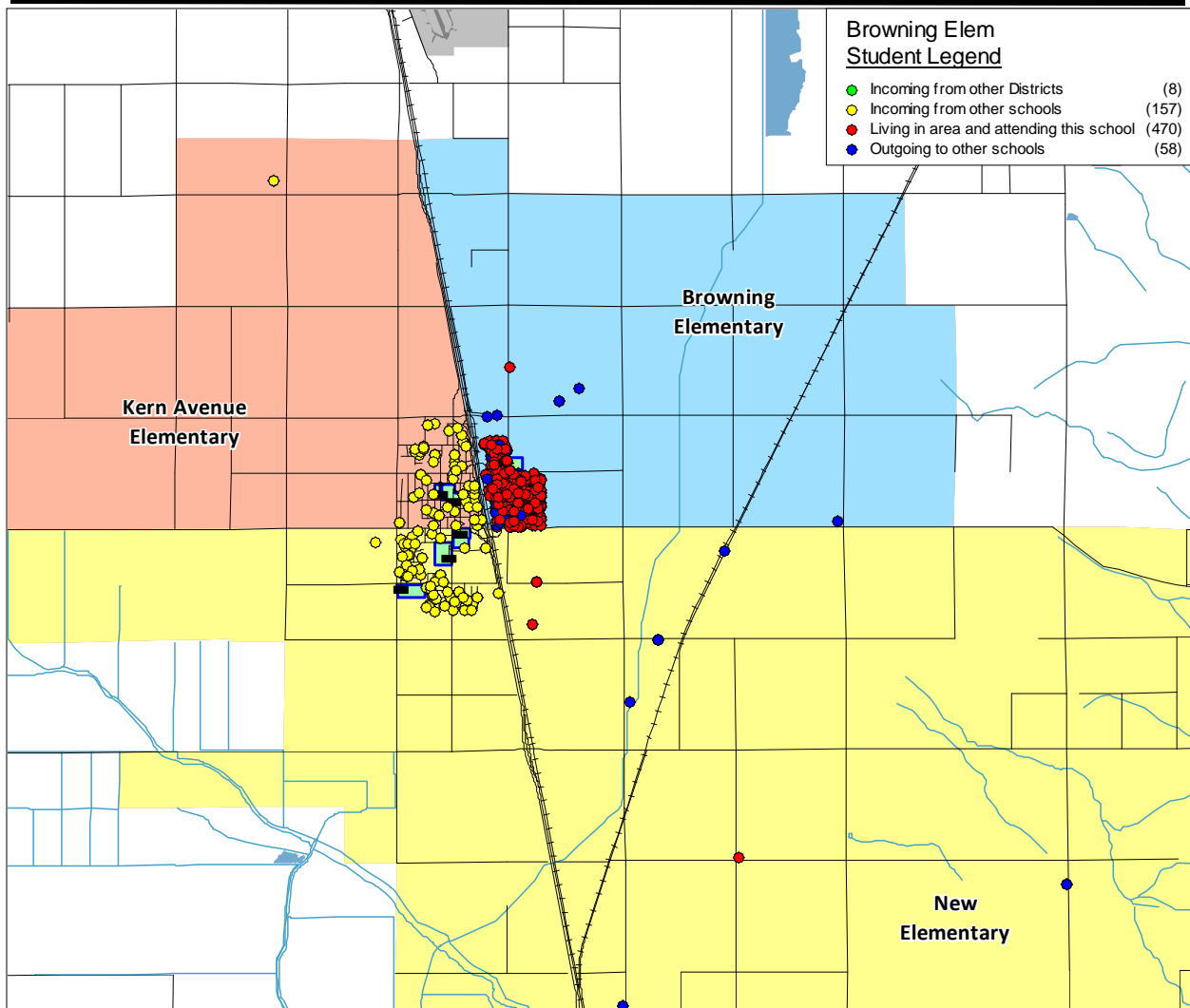
The "Attendance Factors" were determined by analyzing the current year of students to see how many Inter- and Intra-District transfers there are. Once the baseline projections are calculated for the residents in the attendance area, the Intra-District and Inter-District factors are applied to determine the projected enrollment for each school.

The last three columns in the chart "Current Enrollment", "15/16 Projection" and "Net Change" show the current enrollment, next year's projection and net change in enrollment for next year. These are compared by grade to show the details needed for staffing and classroom needs.

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Demographic Study

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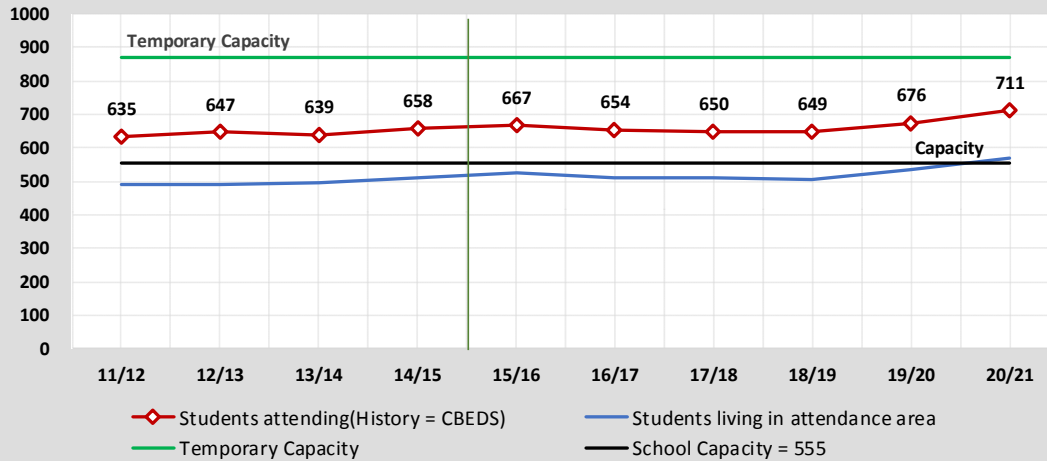
McFarland Unified School District

Demographic Study

2014-2015

Capacity & Projected Enrollment

Browning Elem



District Loading Standards

Traditional School

No Portables Loaded

Classroom Count = 21

Grades Served = K - 5

Classroom Needs Timeline

Year	Total Students*	Annual Change	Spec. Ed. Students	Facility Capacity	Unhoused Students	Annual CR Needed	Total CR's Needed	Available Seats	Projected Housing Units
14/15	658	19	0	555	103	4	4	0	
15/16	667	9	0	555	112	0	4	0	0
16/17	654	-13	0	555	99	0	3	0	0
17/18	650	-4	0	555	95	0	3	0	0
18/19	649	-1	0	555	94	0	3	0	0
19/20	676	27	0	555	121	1	5	0	50
20/21	711	35	0	555	156	1	6	0	50

* Based on Students Attending (Squares on Graph)

Classroom Count = 21

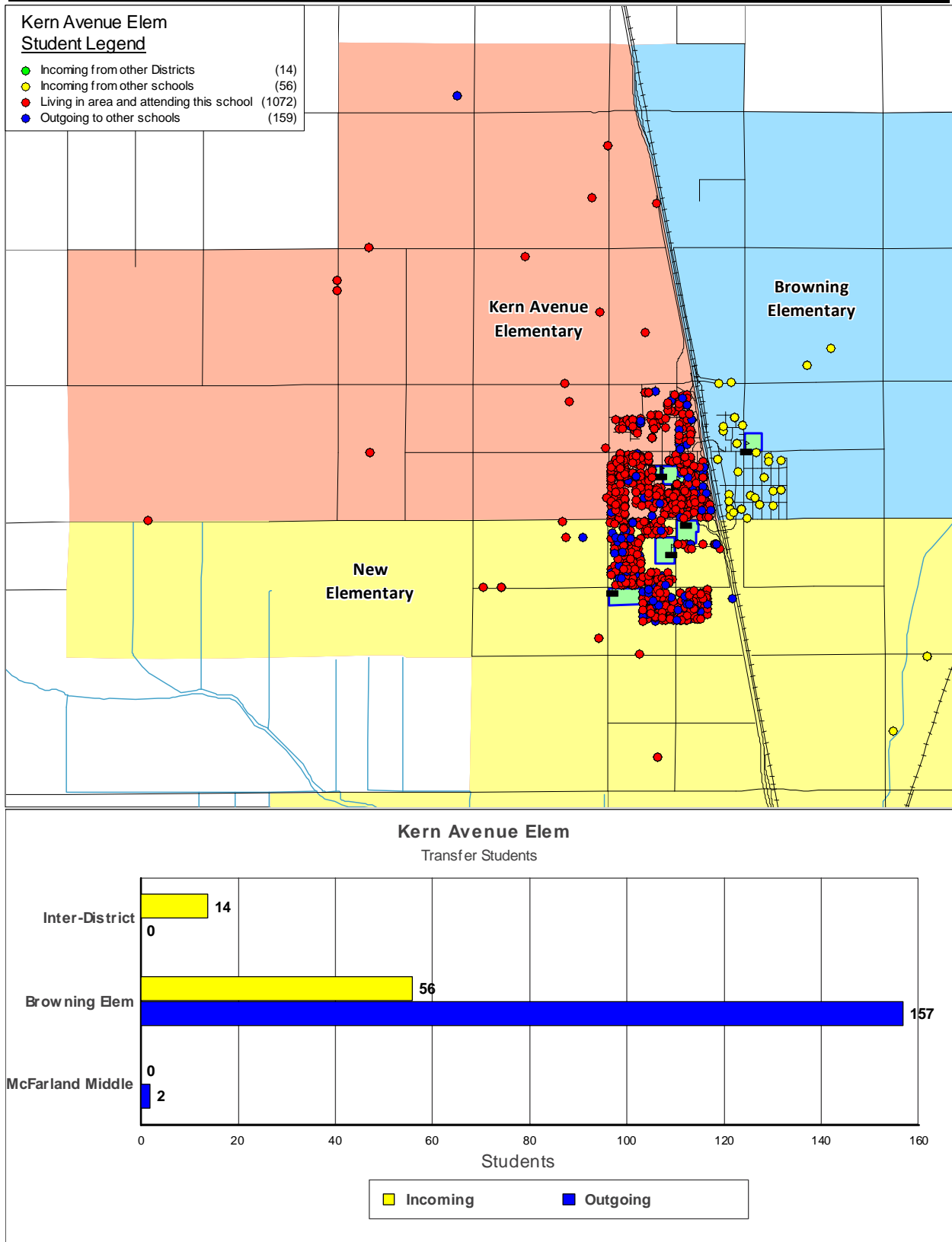
Browning Elem

YEAR:	Students in boundary				Historic Cohorts			Weighted Average	Attendance Factors		Current Enrollment	15/16 Projection	Net Change
	11/12	12/13	13/14	14/15	11 to 12	12 to 13	13 to 14		Intra	Inter			
Grade													
T K	0	3	7	10							18	29	11
K	86	86	90	82	0	4	-8	1	26.8%	1.2%	105	106	1
1	92	86	83	87	0	-3	-3	-1	14.9%	1.1%	102	95	-7
2	82	90	84	84	-2	-2	1	-1	21.4%	1.2%	104	105	1
3	76	82	83	89	0	-7	5	0	33.7%	1.1%	121	115	-6
4	72	76	78	86	0	-4	3	0	32.6%	2.3%	116	119	3
5	82	67	73	74	-5	-3	-4	-4	18.9%	2.7%	92	98	6
Totals	490	490	498	512	-1.2	-2.5	-1.0	-0.8	24.7%	1.6%	658	667	9

McFarland Unified School District

Demographic Study

2014-2015



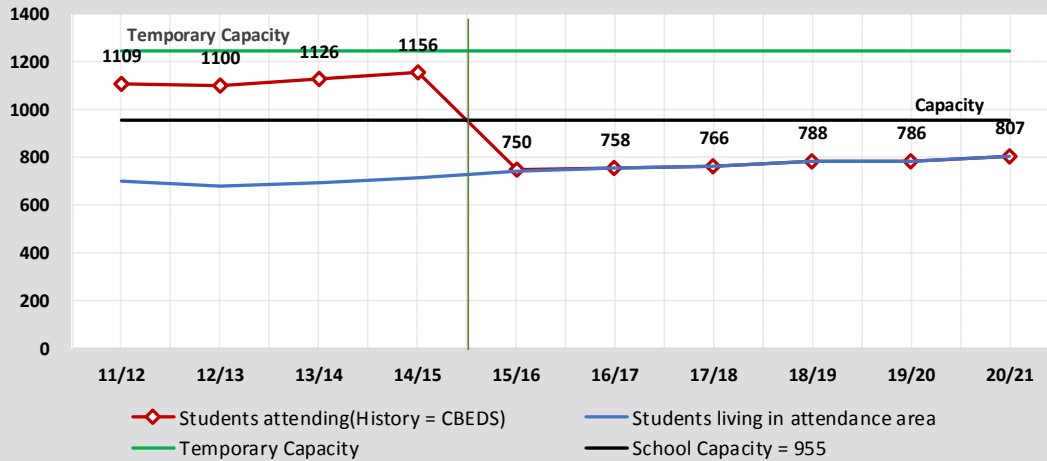
McFarland Unified School District

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Capacity & Projected Enrollment

Kern Avenue Elem



District Loading Standards

Traditional School

No Portables Loaded

Classroom Count = 36

Grades Served = K - 5

Classroom Needs Timeline

Year	Total Students*	Annual Change	Spec. Ed. Students	Facility Capacity	Unhoused Students	Annual CR Needed	Total CR's Needed	Available Seats	Projected Housing Units
14/15	1156	30	0	955	201	8	8	0	
15/16	750	-406	0	955	0	0	-8	205	48
16/17	758	8	0	955	0	0	-7	197	48
17/18	766	8	0	955	0	0	-7	189	48
18/19	788	22	0	955	0	0	-6	167	48
19/20	786	-2	0	955	0	0	-6	169	48
20/21	807	21	0	955	0	0	-5	148	48

* Based on Students Attending (Squares on Graph)

Classroom Count = 36

Kern Avenue Elem

YEAR:	Students in boundary				Historic Cohorts			Weighted	Attendance Factors		Current	15/16	Net
	11/12	12/13	13/14	14/15	11 to 12	12 to 13	13 to 14	Average	Intra	Inter	Enrollment	Projection	Change
Grade													
T K	0	6	13	19							23	31	8
K	127	96	119	102	-31	23	-17	2	-7.8%	2.0%	171	102	-69
1	113	126	99	130	-1	3	11	6	3.8%	3.1%	210	120	-90
2	115	106	127	109	-7	1	10	4	-1.8%	0.9%	178	135	-43
3	118	114	112	130	-1	6	3	3	-6.2%	1.5%	184	109	-75
4	115	115	108	112	-3	-6	0	-3	-5.4%	2.7%	190	126	-64
5	114	117	116	116	2	1	8	5	4.3%	1.7%	200	127	-73
Totals	702	680	694	718	-6.8	4.7	2.5	2.8	-2.2%	2.0%	1156	750	-406

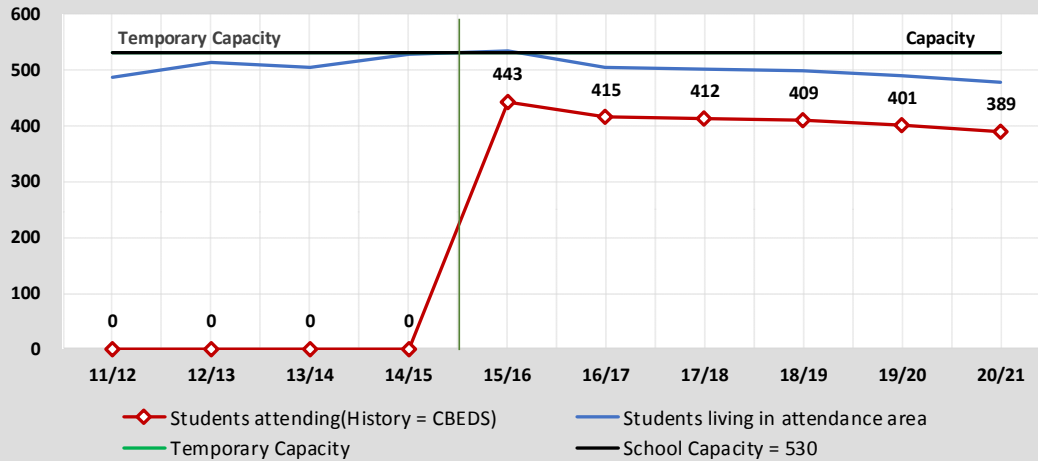
McFarland Unified School District

Demographic Study

2014-2015

Capacity & Projected Enrollment

Horizon Elem



District Loading Standards

Traditional School

No Portables Loaded

Classroom Count = 20

Grades Served = K - 5

Classroom Needs Timeline

Year	Total Students*	Annual Change	Spec. Ed. Students	Facility Capacity	Unhoused Students	Annual CR Needed	Total CR's Needed	Available Seats	Projected Housing Units
14/15	0	0	0	530	0	0	-20	530	
15/16	443	443	0	530	0	0	-4	87	0
16/17	415	-28	0	530	0	0	-5	115	0
17/18	412	-3	0	530	0	0	-5	118	0
18/19	409	-3	0	530	0	0	-5	121	0
19/20	401	-8	0	530	0	0	-5	129	0
20/21	389	-12	0	530	0	0	-5	141	0

* Based on Students Attending (Squares on Graph)

Classroom Count = 20

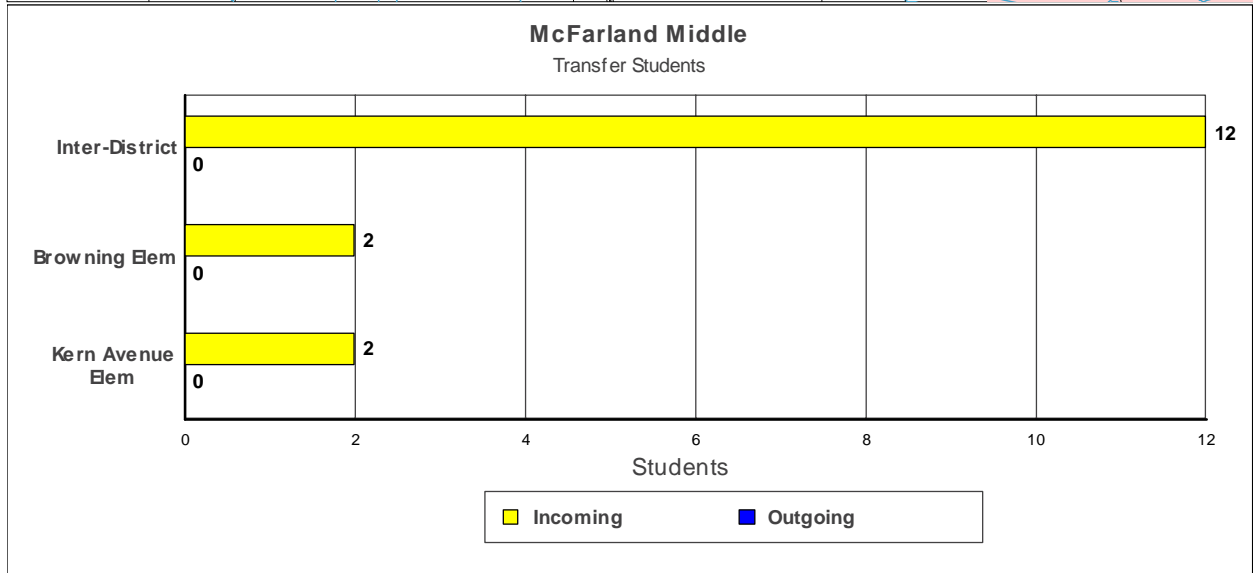
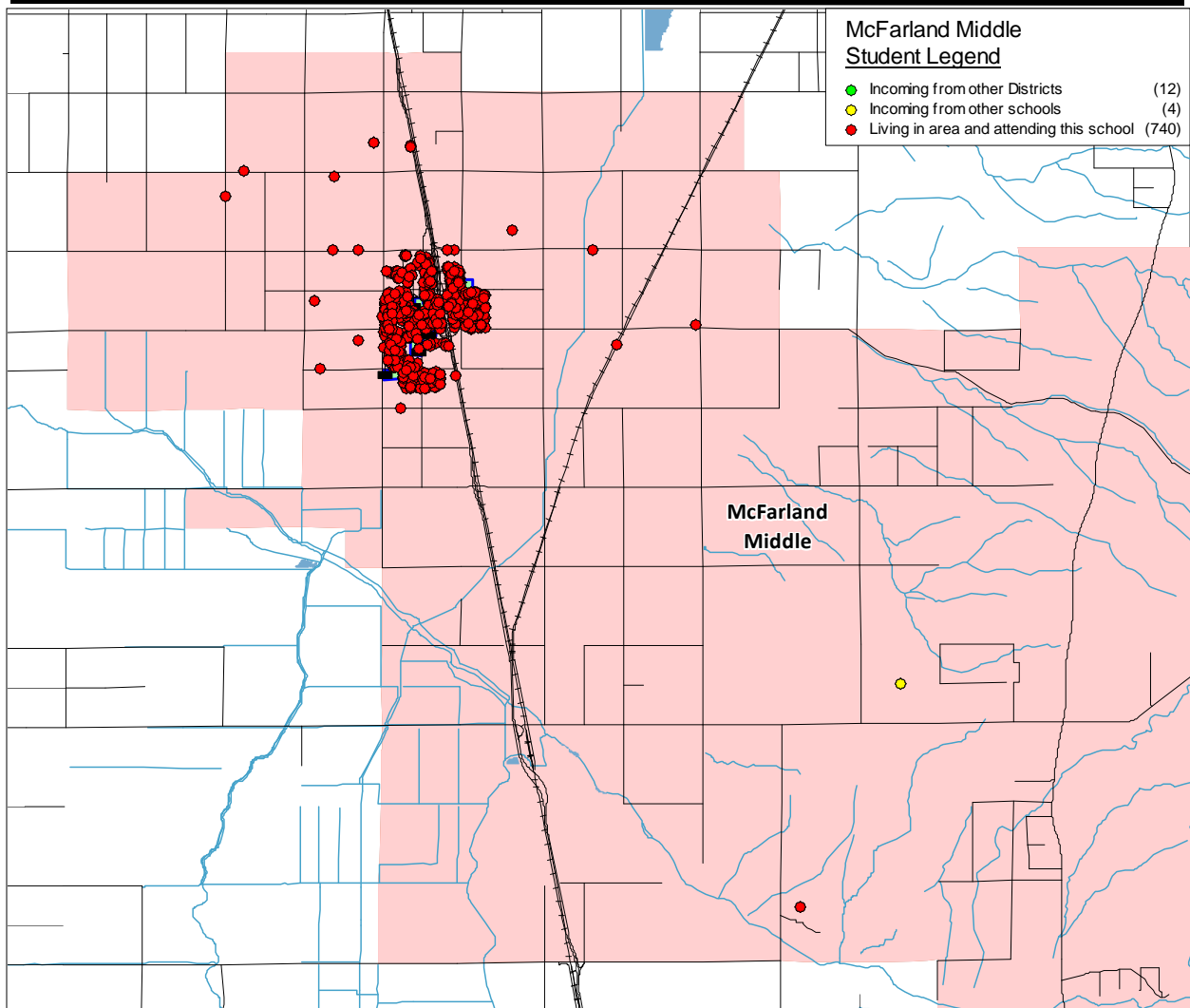
Horizon Elem

YEAR:	Students in boundary				Historic Cohorts			Weighted Average	Attendance Factors		Current Enrollment	15/16 Projection	Net Change
Grade	11/12	12/13	13/14	14/15	11 to 12	12 to 13	13 to 14		Intra	Inter			
T K	0	0	0	0							0	20	20
K	73	87	94	92	14	7	-2	1	-18.5%	0.0%	0	64	64
1	92	75	81	84	2	-6	-10	-3	-14.3%	0.0%	0	76	76
2	91	96	78	79	4	3	-2	1	-10.1%	0.0%	0	76	76
3	65	86	92	78	-5	-4	0	-2	-21.8%	0.0%	0	59	59
4	105	65	94	100	0	8	8	7	-19.0%	0.0%	0	65	65
5	62	103	66	96	-2	1	2	1	-17.7%	0.0%	0	83	83
Totals	488	512	505	529	2.2	1.5	-0.7	0.8	-16.9%	0.0%	0	443	443

McFarland Unified School District

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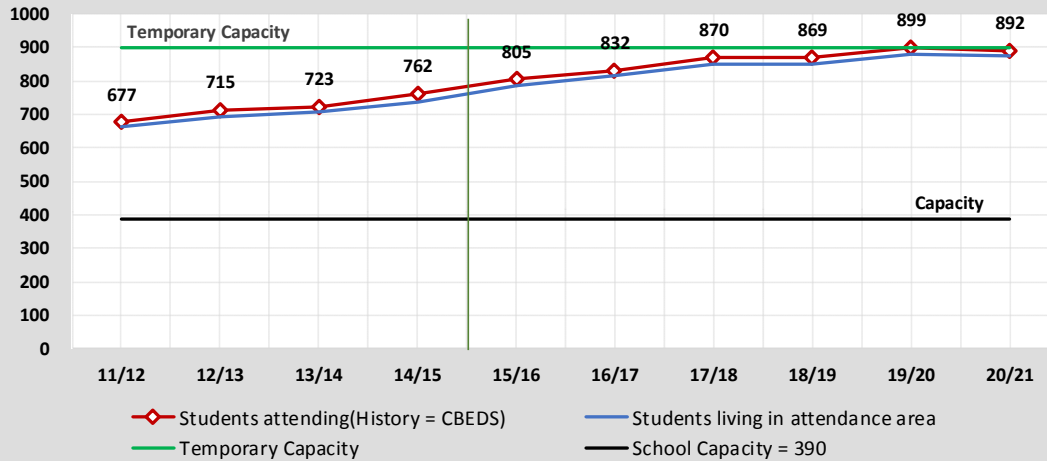
McFarland Unified School District

Demographic Study

2014-2015

Capacity & Projected Enrollment

McFarland Middle



District Loading Standards

Traditional School

No Portables Loaded

Classroom Count = 13

Grades Served = 6 - 8

Classroom Needs Timeline

Year	Total Students*	Annual Change	Spec. Ed. Students	Facility Capacity	Unhoused Students	Annual CR Needed	Total CR's Needed	Available Seats	Projected Housing Units
14/15	762	39	0	390	372	13	13	0	
15/16	805	43	0	390	415	1	14	0	48
16/17	832	27	0	390	442	1	15	0	48
17/18	870	38	0	390	480	1	16	0	48
18/19	869	-1	0	390	479	0	16	0	48
19/20	899	30	0	390	509	1	17	0	98
20/21	892	-7	0	390	502	0	17	0	98

* Based on Students Attending (Squares on Graph)

Classroom Count = 13

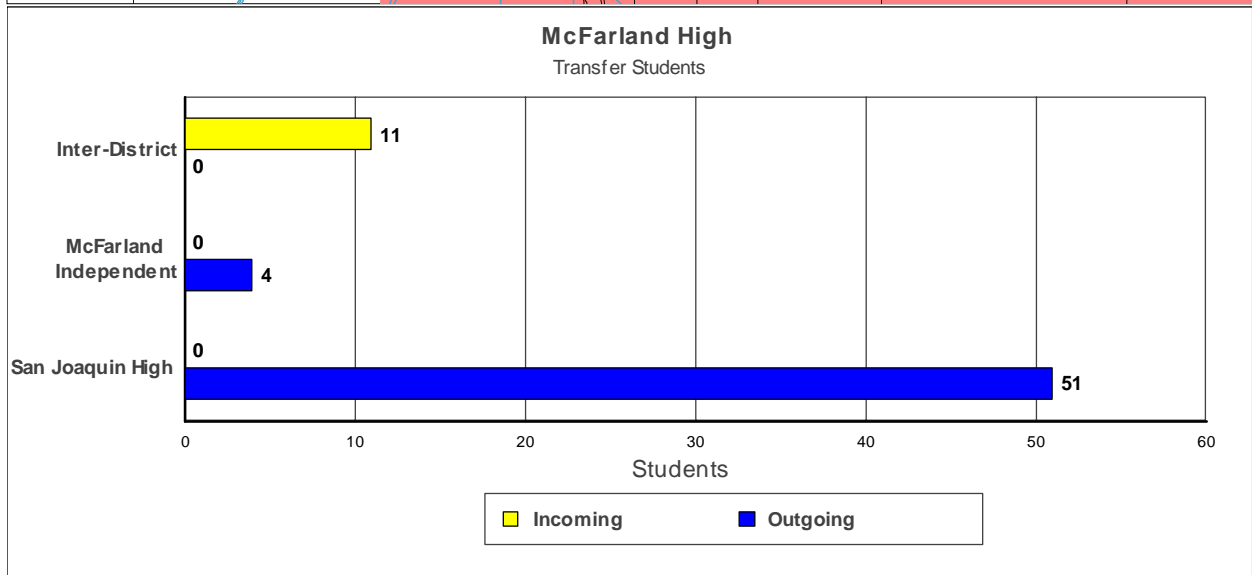
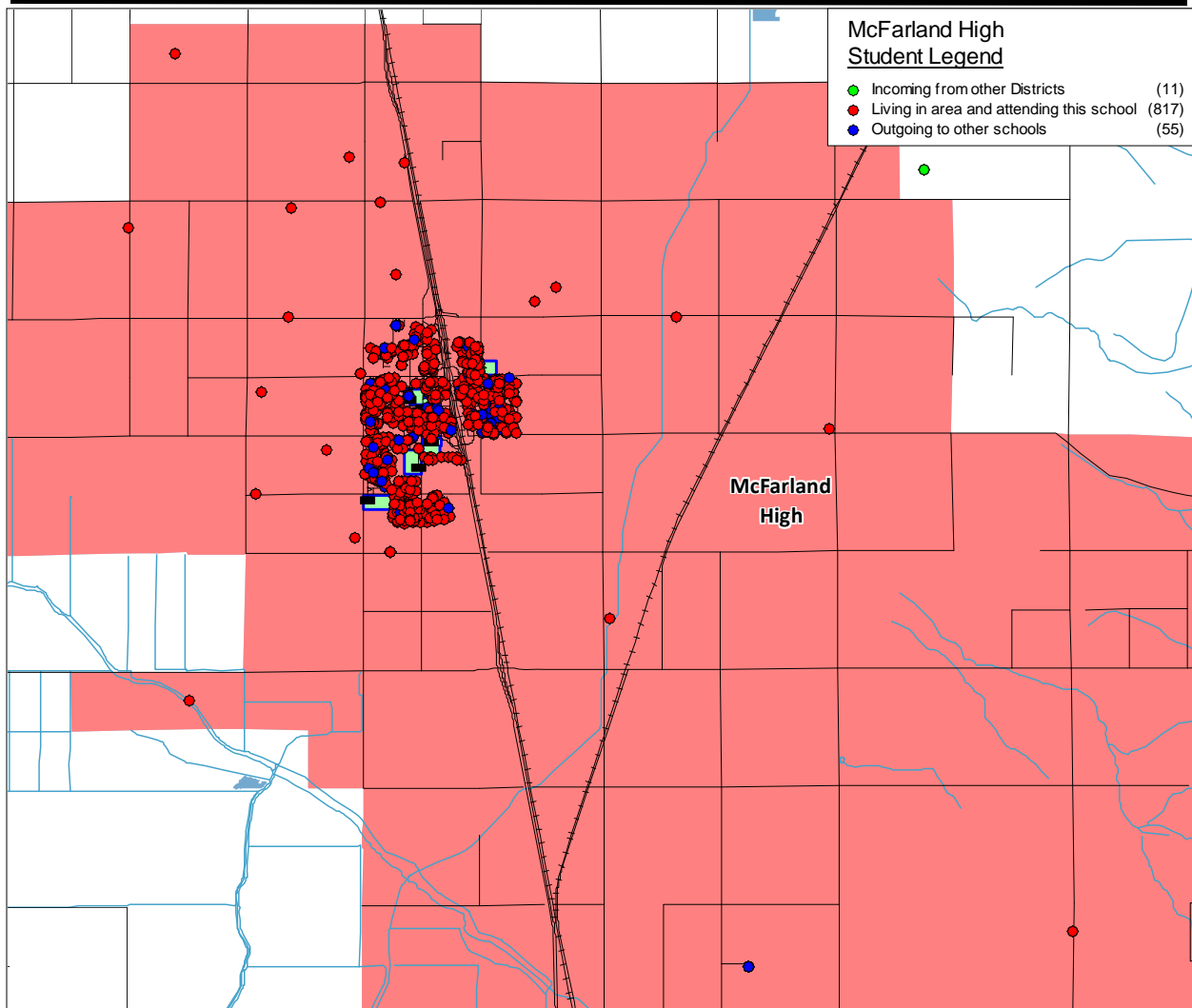
McFarland Middle

YEAR:	Students in boundary				Historic Cohorts			Weighted	Attendance Factors		Current	15/16	Net
	11/12	12/13	13/14	14/15	11 to 12	12 to 13	13 to 14	Average	Intra	Inter	Enrollment	Projection	Change
Grade													
T K	0	14	27	41							0	0	0
K	286	264	296	264	-22	32	-32	4	0.0%	0.0%	0	0	0
1	297	287	263	301	1	-1	5	2	0.0%	0.0%	0	0	0
2	288	292	289	272	-5	2	9	4	0.0%	0.0%	0	0	0
3	259	282	287	297	-6	-5	8	1	0.0%	0.0%	0	0	0
4	292	256	280	298	-3	-2	11	4	0.0%	0.0%	3	0	-3
5	258	287	255	286	-5	-1	6	2	0.0%	0.0%	1	0	-1
6	228	233	245	248	-25	-42	-7	-22	4.0%	1.2%	261	278	17
7	234	228	223	259	0	-10	14	4	-0.4%	1.2%	261	255	-6
8	204	234	239	233	0	11	10	9	-1.3%	2.6%	236	272	36
Totals	2346	2377	2404	2499	-7.2	-1.8	2.7	0.9	0.8%	1.6%	762	805	43

McFarland Unified School District

Demographic Study

2014-2015



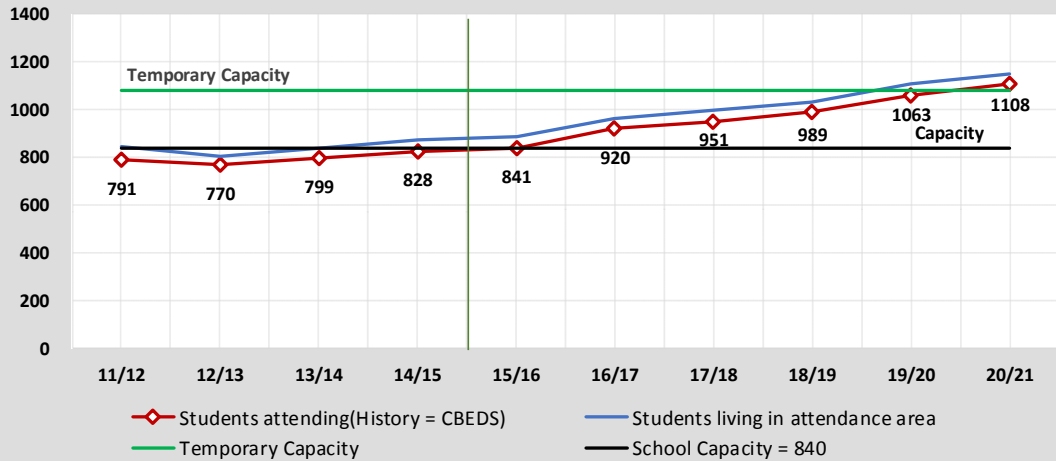
McFarland Unified School District

Demographic Study

2014-2015

Capacity & Projected Enrollment

McFarland High



District Loading Standards

Traditional School

No Portables Loaded

Classroom Count = 35

Grades Served = 9 - 12

Classroom Needs Timeline

Year	Total Students*	Annual Change	Spec. Ed. Students	Facility Capacity	Unhoused Students	Annual CR Needed	Total CR's Needed	Available Seats	Projected Housing Units
14/15	828	29	0	840	0	0	0	12	
15/16	841	13	0	840	1	0	0	0	48
16/17	920	79	0	840	80	3	3	0	48
17/18	951	31	0	840	111	2	5	0	48
18/19	989	38	0	840	149	1	6	0	48
19/20	1063	74	0	840	223	3	9	0	98
20/21	1108	45	0	840	268	2	11	0	98

* Based on Students Attending (Squares on Graph)

Classroom Count = 35

McFarland High

YEAR:	Students in boundary				Historic Cohorts			Weighted Average	Attendance Factors		Current Enrollment	15/16 Projection	Net Change
	11/12	12/13	13/14	14/15	11 to 12	12 to 13	13 to 14		Intra	Inter			
Grade													
T K	0	14	27	41							0	0	0
K	286	264	296	264	-22	32	-32	4	0.0%	0.0%	0	0	0
1	297	287	263	301	1	-1	5	2	0.0%	0.0%	0	0	0
2	288	292	289	272	-5	2	9	4	0.0%	0.0%	0	0	0
3	259	282	287	297	-6	-5	8	1	0.0%	0.0%	0	0	0
4	292	256	280	298	-3	-2	11	4	0.0%	0.0%	0	0	0
5	258	287	255	286	-5	-1	6	2	0.0%	0.0%	0	0	0
6	228	233	245	248	-25	-42	-7	-22	0.0%	0.0%	0	0	0
7	234	228	223	259	0	-10	14	4	0.0%	0.0%	0	0	0
8	204	234	239	233	0	11	10	9	0.0%	0.0%	0	0	0
9	233	195	230	242	-9	-4	3	-1	-3.3%	1.7%	238	229	-9
10	221	233	209	245	0	14	15	12	-9.4%	0.8%	224	234	10
11	184	203	216	183	-18	-17	-26	-22	-6.0%	0.5%	173	215	42
12	209	176	188	202	-8	-15	-14	-13	-6.4%	2.0%	193	163	-30
Totals	3193	3184	3247	3371	-7.7	-2.9	0.2	-1.2	-6.3%	1.2%	828	841	13

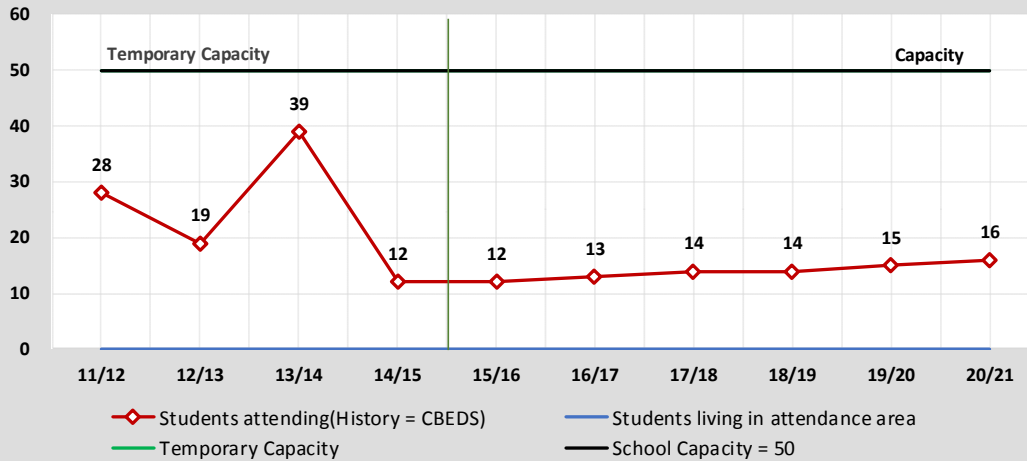
McFarland Unified School District

Demographic Study

2014-2015

Capacity & Projected Enrollment

McFarland Independent



District Loading Standards

Traditional School

No Portables Loaded

Classroom Count = 2

Grades Served = K - 12

Classroom Needs Timeline

Year	Total Students*	Annual Change	Spec. Ed. Students	Facility Capacity	Unhoused Students	Annual CR Needed	Total CR's Needed	Available Seats	Projected Housing Units
14/15	12	-27	0	50	0	0	-2	38	
15/16	12	0	0	50	0	0	-2	38	48
16/17	13	1	0	50	0	0	-1	37	48
17/18	14	1	0	50	0	0	-1	36	48
18/19	14	0	0	50	0	0	-1	36	48
19/20	15	1	0	50	0	0	-1	35	98
20/21	16	1	0	50	0	0	-1	34	98

* Based on Students Attending (Squares on Graph)

Classroom Count = 2

McFarland Independent

YEAR:	Students in boundary				Historic Cohorts			Weighted Average	Attendance Factors		Current Enrollment	15/16 Projection	Net Change
	11/12	12/13	13/14	14/15	11 to 12	12 to 13	13 to 14		Intra	Inter			
Grade													
K	286	278	323	305	-8	45	-18	5	0.0%	0.0%	0	0	0
1	297	287	263	301	1	-15	-22	-8	0.0%	0.0%	0	0	0
2	288	292	289	272	-5	2	9	4	0.0%	0.0%	0	0	0
3	259	282	287	297	-6	-5	8	1	0.0%	0.0%	0	0	0
4	292	256	280	298	-3	-2	11	4	0.0%	0.0%	0	0	0
5	258	287	255	286	-5	-1	6	2	0.0%	0.0%	0	0	0
6	228	233	245	248	-25	-42	-7	-22	0.0%	0.0%	0	0	0
7	234	228	223	259	0	-10	14	4	0.0%	0.0%	0	0	0
8	204	234	239	233	0	11	10	9	0.0%	0.0%	0	0	0
9	233	195	230	242	-9	-4	3	-1	0.0%	0.4%	1	1	0
10	221	233	209	245	0	14	15	12	0.4%	0.0%	1	1	0
11	184	203	216	183	-18	-17	-26	-22	1.6%	1.1%	5	6	1
12	209	176	188	202	-8	-15	-14	-13	1.5%	1.0%	5	4	-1
Totals	3193	3184	3247	3371	-6.6	-3.0	-0.8	-1.9	0.9%	0.6%	12	12	0

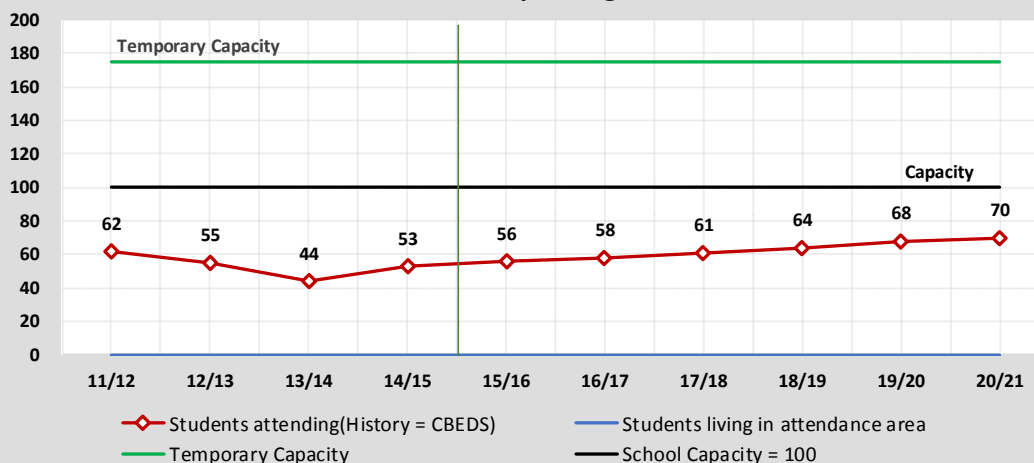
McFarland Unified School District

Demographic Study

2014-2015

Capacity & Projected Enrollment

San Joaquin High



District Loading Standards

Traditional School

No Portables Loaded

Classroom Count = 4

Grades Served = 9 - 12

Classroom Needs Timeline

Year	Total Students*	Annual Change	Spec. Ed. Students	Facility Capacity	Unhoused Students	Annual CR Needed	Total CR's Needed	Available Seats	Projected Housing Units
14/15	53	9	0	100	0	0	-2	47	
15/16	56	3	0	100	0	0	-2	44	48
16/17	58	2	0	100	0	0	-2	42	48
17/18	61	3	0	100	0	0	-2	39	48
18/19	64	3	0	100	0	0	-1	36	48
19/20	68	4	0	100	0	0	-1	32	98
20/21	70	2	0	100	0	0	-1	30	98

* Based on Students Attending (Squares on Graph)

Classroom Count = 4

San Joaquin High

YEAR:	Students in boundary				Historic Cohorts			Weighted Average	Attendance Factors		Current Enrollment	15/16 Projection	Net Change
	11/12	12/13	13/14	14/15	11 to 12	12 to 13	13 to 14		Intra	Inter			
Grade													
K	286	278	323	305	-8	45	-18	5	0.0%	0.0%	0	0	0
1	297	287	263	301	1	-15	-22	-8	0.0%	0.0%	0	0	0
2	288	292	289	272	-5	2	9	4	0.0%	0.0%	0	0	0
3	259	282	287	297	-6	-5	8	1	0.0%	0.0%	0	0	0
4	292	256	280	298	-3	-2	11	4	0.0%	0.0%	0	0	0
5	258	287	255	286	-5	-1	6	2	0.0%	0.0%	0	0	0
6	228	233	245	248	-25	-42	-7	-22	0.0%	0.0%	0	0	0
7	234	228	223	259	0	-10	14	4	0.0%	0.0%	0	0	0
8	204	234	239	233	0	11	10	9	0.0%	0.0%	0	0	0
9	233	195	230	242	-9	-4	3	-1	2.1%	2.9%	12	12	0
10	221	233	209	245	0	14	15	12	-0.4%	9.4%	22	23	1
11	184	203	216	183	-18	-17	-26	-22	1.6%	6.0%	14	17	3
12	209	176	188	202	-8	-15	-14	-13	-3.0%	5.4%	5	4	-1
Totals	3193	3184	3247	3371	-6.6	-3.0	-0.8	-1.9	0.1%	5.9%	53	56	3

McFarland Unified School District
Demographic Study
2014-2015

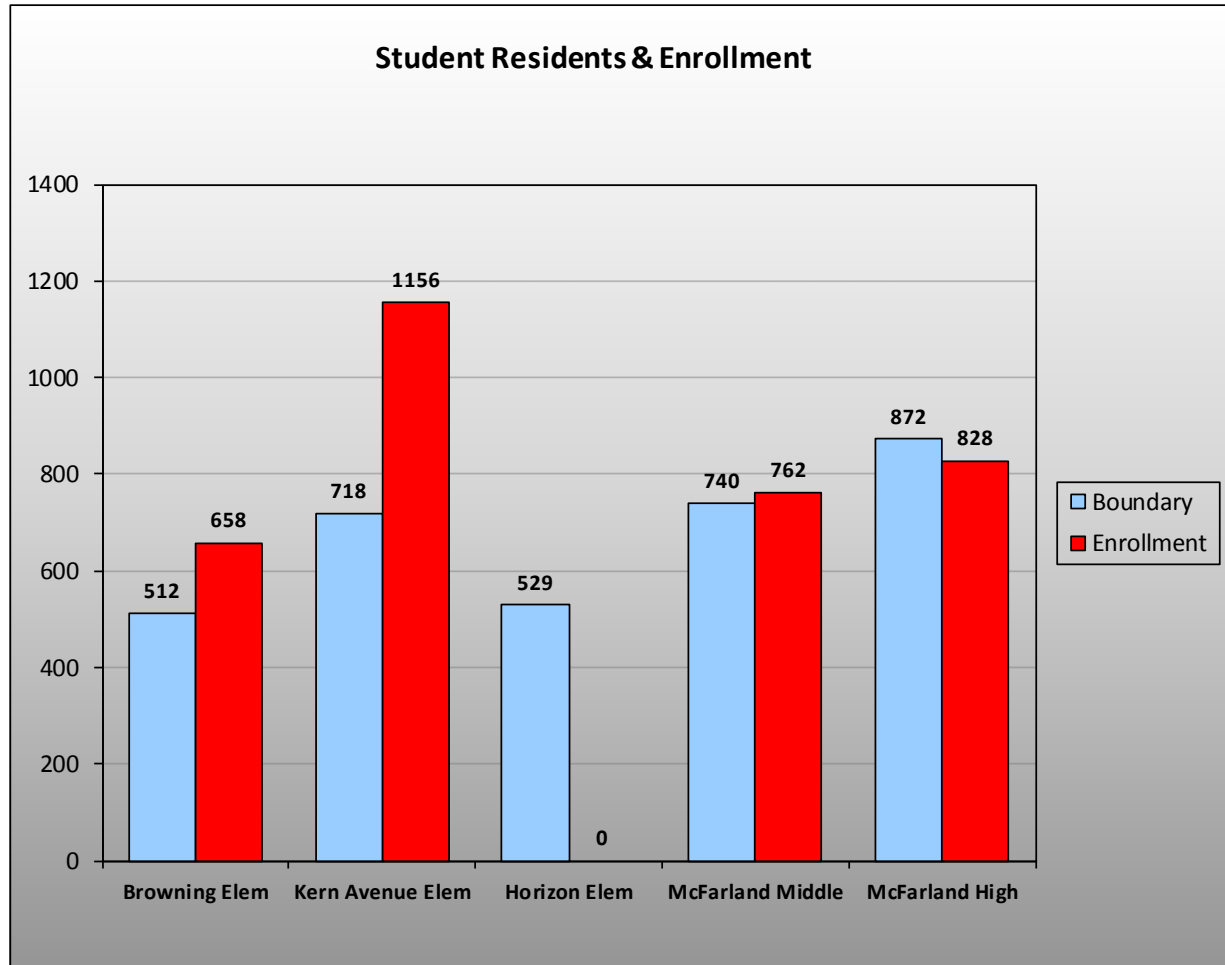
Student Attendance Matrix

ATTENDANCE MATRIX							
R E S I D E N C E	SCHOOL OF ATTENDANCE						
	SCHOOL: AREA	Browning Elem	Kern Avenue Elem	McFarland Middle	McFarland High	McFarland Independent	San Joaquin High
	Inter-District	8	14	12	11	1	1
	Browning Elem	470	56	2	0	0	0
	Kern Avenue Elem	157	1,072	2	0	0	0
	McFarland Middle	0	0	740	0	0	0
	McFarland High	0	0	0	817	4	51
	McFarland Independent	0	0	0	0	0	0
	San Joaquin High	0	0	0	0	0	0
	Correction Factor*	23	14	6	0	7	1
Total Attending		658	1,156	762	828	12	53
Intra-Ins		157	56	4	0	11	52
Inter-Ins		8	14	12	11	1	1
Total In-Flow		165	70	16	11	12	53
Intra-Outs		58	159	0	55	0	0
% In Flow Students		25.1%	6.1%	2.1%	1.3%	100.0%	100.0%
% Out Flow Students		11.0%	12.9%	0.0%	6.3%	0.0%	0.0%

* The correction factor represents the difference between the student data download counts and the actual Calpads counts.

This chart summarizes the transfers in and out of each school as were seen by the yellow dots and blue dots on the school attendance maps. In addition, the data has been analyzed to determine the total in-flow and out-flow rates for each school. The school with the largest in-flow rate was Browning Elementary and the school with the largest out-flow rate was Kern Avenue Elementary.

Student Residency and Enrollment Comparison



This chart compares each individual elementary school enrollment to the students that reside within the school attendance boundary. Utilizing this data helps make it easy to see which schools have the largest and smallest enrollments as well as which boundaries are most populated. Schools with more students enrolled than those living in the boundary have a net transfer into the school. This is typically found at schools with special programs such as Gate or Dual Immersion, schools housing students from overcrowded or PI schools, and schools with more capacity than the student population living in the boundary.

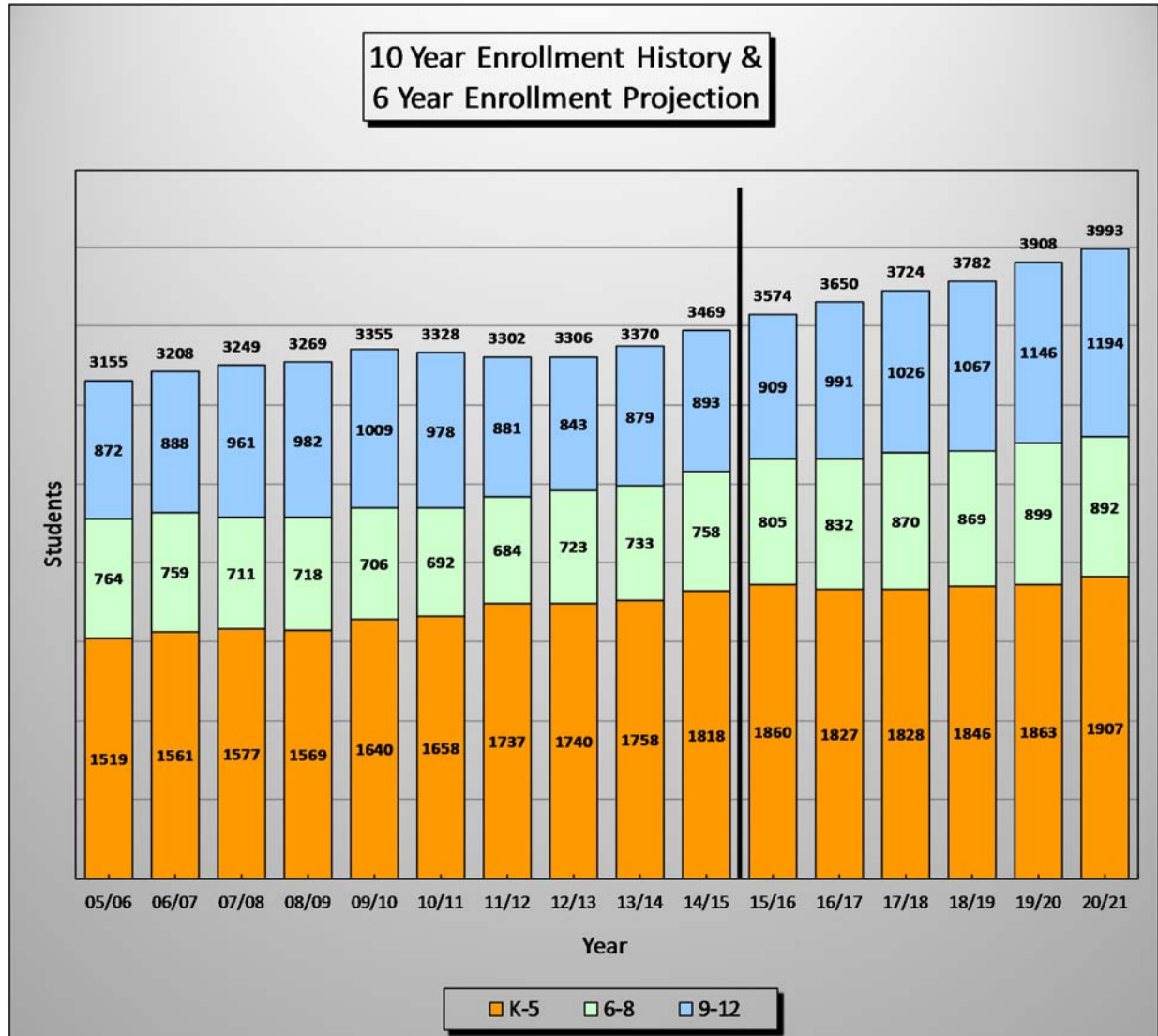
McFarland Unified School District

Demographic Study

2014-2015

District Projections

This graph shows a summary of the projections for the entire District. It shows the current enrollment for 2014/15, the historic enrollment for the past nine years, and the projected enrollment for the next six years. The end result is a total of 3,993 students in the District in six years.



McFarland Unified School District

Demographic Study

2014-2015

One Year Enrollment Projection Summary

McFarland Unified School District															
Enrollment Projections															
YEAR 15/16, 1 Year Proj.															
School	T K	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
Browning Elem	29	106	95	105	115	119	98	0	0	0	0	0	0	0	667
Kern Avenue Elem	31	102	120	135	109	126	127	0	0	0	0	0	0	0	750
Horizon Elem	20	64	76	76	59	65	83	0	0	0	0	0	0	0	443
McFarland Middle	0	0	0	0	0	0	0	278	255	272	0	0	0	0	805
McFarland High	0	0	0	0	0	0	0	0	0	0	229	234	215	163	841
McFarland Independent	0	0	0	0	0	0	0	0	0	0	1	1	6	4	12
San Joaquin High	0	0	0	0	0	0	0	0	0	0	12	23	17	4	56
Totals	80	272	291	316	283	310	308	278	255	272	242	258	238	171	3,574
Current CBEDS	41	276	312	282	305	309	293	261	261	236	251	247	192	203	3,469
Net Change	39	-4	-21	34	-22	1	15	17	-6	36	-9	11	46	-32	105
Cohort Change			15	4	1	5	-1	-15	-6	11	6	7	-9	-21	

The projection for next year (2015/16) shows an increase of 105 students. The largest declines will be seen at grades 1 and 3. The largest increases are at grades 2, 8 and 11.

These projections assume the transfers between schools remain consistent. If changes in facilities, schedules, programs or policies are made then the patterns may be impacted.

McFarland Unified School District
Demographic Study
2014-2015

Enrollment Projection Summary by Grade

McFarland Unified School District Enrollment Projection Summary by Grade							
Grade	Current Enrollment						
	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>	<u>18/19</u>	<u>19/20</u>	<u>20/21</u>
TK	41	80	75	81	82	82	82
K	276	272	253	280	280	290	300
1	312	291	287	268	295	300	310
2	282	316	295	291	272	304	309
3	305	283	317	296	292	278	310
4	309	310	288	322	301	302	288
5	293	308	312	290	324	307	308
6	261	278	294	299	277	315	287
7	261	255	272	288	293	276	314
8	236	272	266	283	299	308	291
9	251	242	279	273	291	312	321
10	247	258	248	287	281	304	325
11	192	238	249	239	279	274	297
12	203	171	215	227	216	256	251
Total K-5	1,818	1,860	1,827	1,828	1,846	1,863	1,907
Total 6-8	758	805	832	870	869	899	892
Total 9-12	893	909	991	1,026	1,067	1,146	1,194
District Totals	3,469	3,574	3,650	3,724	3,782	3,908	3,993

McFarland Unified School District
Demographic Study
2014-2015

Enrollment Projection Summary by School

McFarland Unified School District Enrollment Projection Summary by School							
	Current Enrollment						
<u>School</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>	<u>18/19</u>	<u>19/20</u>	<u>20/21</u>
Browning Elem	658	667	654	650	649	676	711
Kern Avenue Elem	1,156	750	758	766	788	786	807
Horizon Elem	0	443	415	412	409	401	389
Elementary Totals	1,814	1,860	1,827	1,828	1,846	1,863	1,907
McFarland Middle	762	805	832	870	869	899	892
Middle Totals	762	805	832	870	869	899	892
McFarland High	828	841	920	951	989	1,063	1,108
High Totals	828	841	920	951	989	1,063	1,108
McFarland Independent	12	12	13	14	14	15	16
San Joaquin High	53	56	58	61	64	68	70
Other Totals	65	68	71	75	78	83	86
District Totals	3,469	3,574	3,650	3,724	3,782	3,908	3,993
Annual Change		105	76	74	58	126	85

McFarland Unified School District

Demographic Study

2014-2015

School Facility Utilization

The following chart shows the current and projected utilization rates for each school. It has been color coded with blue representing schools with a utilization rate of under 70%, yellow representing a utilization rate of at least 70% but under 80% and red for the schools that have over 100% utilization.

School Facility Utilization			2014/15	2020/21	2014/15	2020/21
		District	Current	Projected	Current	Projected
<u>Elementary Schools</u>	<u>Classrooms</u>	<u>Capacity</u>	<u>Enrollment</u>	<u>Enrollment</u>	<u>Utilization</u>	<u>Utilization</u>
Browning Elem	33	875	658	711	75.2%	81.3%
Kern Avenue Elem	47	1,245	1,156	807	92.9%	64.8%
Horizon Elem	20	530	0	389	0.0%	73.4%
Sub-Totals	100	2,650	1,814	1,907	68.5%	72.0%
 <u>Middle Schools</u>						
McFarland Middle	30	840	762	892	90.7%	106.2%
Sub-Totals	30	840	762	892	90.7%	106.2%
 <u>High Schools</u>						
McFarland High	45	1,080	828	1,108	76.7%	102.6%
Sub-Totals	45	1,080	828	1,108	76.7%	102.6%
 <u>Other Schools</u>						
McFarland Independent	2	50	12	16		
San Joaquin High	7	175	53	70		
Sub-Totals	9	225	65	86		
 District Totals	 184	 4,795	 3,469	 3,993	 72.3%	 83.3%

For 2014, the most under-utilized school was Browning Elementary and the highest utilization was at Kern Avenue Elementary.