OFCC
OHIO FACILITIES CONSTRUCTION COMMISSION

December 13, 2013 *Via E-Mail*

Superintendent David Dunn
ddunn@nortonschools.org
Norton City School District
4128 Cleveland Massillon Road
Norton, Ohio 44203

RE: Classroom Facilities Assistance Program-Segment One (Lapsed)
Notice of Recommendation for Conditional Approval

Dear Superintendent and Board Members:

On behalf of the Ohio School Facilities Commission ("Commission"), this letter serves to formally notify you that your School District is scheduled to be recommended for approval to participate in the Classroom Facilities Assistance Program-Segment One (Lapsed) this year.

The next step in the process is an important matter for the school district, for it is only with your resolution to accept the scope of the project and facilities plan and confirmation of your required local share and maintenance requirement that the Commission will advance your project for a determination of conditional approval.

At this time, we request your Board of Education adopt a "**Resolution to Participate"** in the Program (attached)**,** indicating your agreement to proceed with the scope of the project and facilities plan. Please submit your approved resolution to our office, **to the attention of Janice Parker, on or before January 10, 2014.**

Upon receipt of your approved resolution, the next action involving your project is the Commission's Determination of Conditional Approval, which is scheduled to occur on **January 23, 2014**. The Commission's Resolution of Conditional Approval will then be submitted to the Ohio Controlling Board for approval and certification of funds on February 24, 2014.

Upon approval by the Ohio Controlling Board, we will notify you so the School District may proceed with the steps required to acknowledge that your local share meets the requirements of ORC Section 3318.052 or 3381.084. In addition, you will need to satisfy the maintenance fund obligation through a .5 mil levy or alternative method. **We recommend you seek an opinion from your legal counsel on your compliance with these requirements.**

We look forward to working with you until the successful completion of your project. If you have any questions, please do not hesitate to contact my office for additional information or assistance.

Sincerely,

Richard M. Hickman
Executive Director

/jsp

pc: Stephanie Hagenbush, shangenbush@nortonschools.org
Richard Manoloff, rmanoloff@squiresanders.com
File

RESOLUTION AUTHORIZING THE SCHOOL DISTRICT BOARD TO PARTICIPATE IN THE OHIO SCHOOL FACILITIES COMMISSION CLASSROOM FACILITIES ASSISTANCE PROGRAM-SEGMENT ONE (LAPSED)

WHEREAS, the Board of Education of the ***Norton City School District ("School District'), Summit County,*** Ohio, met in _____ session on _____, 2013, and adopted the following Resolution; and

WHEREAS, the Ohio School Facilities Commission ("Commission") has notified the School District to be approved to participate in the Classroom Facilities Assistance Program-Segment One (Lapsed) this year; and

WHEREAS, the School District project was previously conditionally approved by the Commission pursuant to ORC Section 3318.04, however such conditional approval lapsed under ORC Section 3318.05 and the School District, having now obtained its local share of the funding, requests the Commission to renew its notice of conditional approval of funding; and

WHEREAS, the School District hereby concurs with, and approves the use of, the findings outlined in the final "Facilities Assessment Report" dated ***November, 2001*** with revisions ***October, 2008*** for the purpose of developing a master facilities plan. The School District and Commission understand that the use of the Facilities Assessment Report is for the purpose of developing an estimated project budget and scope and that the potential for the existence of undocumented conditions that could increase the final cost of the project does exist; and

WHEREAS, the School District Board hereby concurs with and approves the use of the Enrollment Projections dated ***April 16, 2013.*** The School District Board and the Commission acknowledge that actual enrollment status will be reviewed annually; and

WHEREAS, the School District acknowledges the Commission recommendation that the School District engage a design and construction professional to assist in the review of the information presented in the Facilities Assessment Report. The School District has provided any information available to aid in the identification of any areas of concern for conditions, which cannot be readily observed by standard assessment procedures throughout the School District's facilities and the School District acknowledges that the scope of services provided by the professional authoring the Facilities Assessment Report does not include invasive facilities and grounds investigation; and

WHEREAS, the School District acknowledges that neither the School District nor Commission have control over conditions which are hidden or otherwise unknown at the conclusion of the assessment report and master facilities plan; and

WHEREAS, the School District Board elects to seek approval of a segment of the entire district Master Facilities Plan per ORC Section 3318.034; and

WHEREAS, the School District desires to proceed with the Scope of the Project and Facilities Plan for Segment One as indicated below:

SCOPE OF THE PROJECT

Segment One:

Build one new high school to house grades 9 thru 12 & Career Tech; allowance to abate and demolish Cornerstone and Grill elementary schools

STATE SHARE:	**$16,354,813**
LOCAL SHARE:	**$15,713,448**
PROJECT BUDGET:	**$32,068,261**

RESOLUTION TO PARTICIPATE

NOW, THEREFORE, BE IT RESOLVED by the Board of Education of the ***Norton City School District, Summit County,*** Ohio that the conditional approval as granted by the Commission for the Classroom Facilities project be hereby accepted in accordance with the provisions of ORC Section 3318.05.

Upon the roll call on the passage of the Resolution, the vote was as follows:

_____, President _____, Vice President

_____ _____

_____ _____

The foregoing is a true and correct excerpt from the minutes of the _____ meeting of _____, 2013, of the Board of Education of the ***Norton City School District, Summit County,*** Ohio showing the passage of the resolution set forth.

_____ _____, 2013

Treasurer **Date**

Ohio | School Facilities Commission

MEMORANDUM TO: *Superintendent David Dunn*

FROM: *Melanie Drerup, K-12 Planning Manager*

DATE: *December 13, 2013*

SUBJECT: *Segmenting Recommendation*
Norton City School District (Summit) – Segment One

The Ohio School Facilities Commission staff has reviewed the segmenting proposal for ***Norton City School District, Summit County*** with the Policy on Segmenting Projects and will make a recommendation to the Ohio School Facilities Commission for approval on July 11, 2013 based on the rationale listed below.

The proposed Segment One includes the following:

Build one new high school to house grades 9 thru 12 & Career Tech; allowance to abate and demolish Cornerstone and Grill elementary schools.

The complete Master Facility Plan for the project includes the following:

Build one new elementary school to house grades PK thru 5; one new middle school to house grades 6 thru 8 and one new high school to house grades 9 thru 12 & Career Tech; allowance to abate and demolish Norton Primary School, Cornerstone and Grill elementary schools, Norton Middle School and Norton High School.

The proposed Segment One meets statutory requirements and furthers the educational delivery of the school district as it continues the development of new school facilities for the PK thru 12 student population. The Segment One is practicable in the overall construction sequence as all of the new construction for 9 thru 12 & Career Tech will be completed under this segment.

NORTON CITY SCHOOLS

4128 CLEVELAND-MASSILLON RD. NORTON, OHIO 44203-5697
PHONE 330-825-0863 FAX 330-825-0929
www.nortonschools.org

January 26, 2010

Bill Prenosil
Planning Director
Ohio School Facilities Commission
1410 Highland Road, Suite 1
Macedonia, OH 44056

RE: Norton City School District (Summit)
CFAP
Segmenting Request Letter

Dear Mr. Prenosil:

Please accept this letter as Norton City School District's (NCSD) request to allow a segmented plan under the CFAP offer of funding for July 2009. The scope of the proposed segment is one (1) New High School to house 750 9-12 Students and 127 Career Tech Students.

The proposed segment meets all the statutory requirements of HB 562 and in compliance with the Commission's Project Segmenting Policy. The proposed segment is consistent with the overall master facilities plan developed for NCSD and will allow us to further our educational delivery by way of addressing our most immediate student needs. Since the proposed plan addresses the needs of our entire 9-12 student population (leaving only the Pk-8 student population for a later segment) both state and local resources have been optimized, inefficiencies avoided and is a practical solution for sequencing and the overall construction schedule.

Thanks you for your consideration on our request.

Please contact me should you have any questions or require additional information.

Sincerely,

David Dunn

David Dunn

Superintendent

cc: Jeffrey S. Tuckerman -- Hammond Construction

Master Plan Name	Norton City SD (Summit) - CFAP - Segment 1 - OSFC 01-23-14 CB 02-24-14
Program	CFAP 2013 1 (Active)
Rank	297
School District	Norton City School District
School District IRN	44552
County	Summit County
Cost Region	8 (New Construction Cost Factor: 104.79%)
Cost Set	2013 *(for everything)*
Bracketing Set	2013
Educational Planner	FutureThink

Projected Enrollment (10 Yr)

Grade	2017–2018
PK	16
K	156
1	159
2	165
3	173
4	188
5	210
6	197
7	218
8	232
9	213
10	213
11	120
12	113
Ungraded	0
Special Education	0
CT Offsite	102
CT Low Bay Comprehensive	36
CT High Bay Comprehensive	22
CT Low Bay Onsite	0
CT High Bay Onsite	0
Total	**2533**

Grade Configurations			
Grades	**Total**	**Placed**	**Remaining**
PK-12	2373	*2431*	***-58***
PK-5	1067	*1067*	***0***
6-8	647	*647*	***0***
9-12	659	*717*	***-58***
PK-8	1714	*1714*	***0***
6-12	1306	*1364*	***-58***
CT	160	*102*	***58***

Project Scope:
Build one (1) New High School to house grades 9-12 and Career Tech..
-Allowance to abate and demolish Cornerstone Elementary and Grill Elementary.

Master Planner Commentary:
-Master plan is based on 2013 OSDM Cost Set and Bracketing.
-Master plan utilizes district approved enrollment projections dated April 16, 2013 (2017-18 projected enrollment year).
-Enhanced environmental studies were completed for all buildings in October 2008.
-The project budget for new buildings shown on this plan anticipates attaining the USGBC LEED For Schools (U.S. Green Building Council, Leadership in Energy and Environmental Design) Silver Certification (with a preference for attaining points in the Energy and Atmosphere Categories).
-There is one (1) Site Safety Access Allowances with this plan. The use of these allowances require a ODOT Traffic Impact Study. See specific allowance for details.
-Students will self swing during construction; therefore, there is no swing space allowance required or included in this plan.
Career Tech enrollment calculation is as follows; 36 Low Bay Comprehensive Students + 22 High Bay Comprehensive Students + 102 Low Bay Offsite Students (academic space only) = 160 Total CT Core Space Students.
-The number of Low Bay Comprehensive Students projected do not meet the 50:1 requirement to qualify for CT program space; therefore those students have been included in the 9-12 student population and receive the full sf/student allocation.
-The number of High Bay Comprehensive Students projected do not meet the 30:1 requirement to qualify for CT program space; therefore those students have been included in the 9-12 student population and receive the full sf/student allocation.

Building	Allowance	
New 9-12	Site Access Safety Allowance	$300,000.00

Building	Cornerstone Elementary Master Planning Considerations	Grill Elementary School Master Planning Considerations	*New 9-12* New High
Program	Classroom Facilities Assistance Program (CFAP)	Classroom Facilities Assistance Program (CFAP)	
Cost Set	*[2013]*	*[2013]*	
Assessing Consultant	Hammond Construction	Hammond Construction	
Type	Elementary	Elementary	High
Acres	25.00	5.00	
Grades Housed	K-4	PK-4	
Current Enrollment	283	283	
Additions to Demolish	☐ 1915 Original Building 79% 14,945 ft² ☐ 1935 Classroom Wing 68% 22,255 ft² ☐ 1935 Gymnasium Mezzanine 45% 1,597 ft² ☐ 1959 Administration Classroom Addition 63% 1,971 ft²	☐ 1929 Original Building 144% 6,928 ft² ☐ 1929 Original Building Gymnasium Balcony 43% 609 ft² ☐ 1956 Administration/ Classroom Addition 81% 5,320 ft² ☐ 1965 Classroom Wing Addition 72% 14,267 ft²	
Grades Housed - Proposed			9-12, CT Offsite, CT Low Bay Comprehensive, CT High Bay Comprehensive
Projected Enrollment			717
CT Projected Enrollment			102
Scope of Work	Abate/Demolish	Abate/Demolish	Build New
CEFPI Rating	Borderline	Borderline	
Existing ft²	40,768	27,124	
Cost/ft² (DM)	$250.32	$250.32	
Cost to Replace	$10,205,045.76	$6,789,679.68	$0.00
Cost to Renovate	$7,237,667.06	$6,227,306.79	
Reprogramming	$0.00	$0.00	$0.00
Renovate÷Replace	71%	92%	
Right Replacement			
Right Ratio			
Addition Required	No	No	No

	Addition ft²			**Addition ft²**			**New ft²**					
Proposed Enrollment	Students	sf/Student	sf required	Students	sf/Student	sf required	Students		sf/Student		sf required
Elementary (PK-5)	×	=	0	×	=	0		×		=	0
Middle (6-8)	×	=	0	×	=	0		×		=	0
High (9-12)	×	=	0	×	=	0	717	×	165.93	=	118,972
Career Technical Core Space	×	=	0	×	=	0	102	×	96.79	=	9,873
Total ft² Required											128,844.39
ft² Existing			40,768			27,124					
Oversized ft²											
Less Oversized ft²			40,768			27,124					
CT ft² Existing											
CT ft² Not Programmed											
Less CT ft²			40,768			27,124					
Addition ft²			-40,768			-27,124					128,844
Cost per ft²	*see below*			*see below*			*see below*				
Total Addition Cost											

	Cost of Additions			**Cost of Additions**			**Cost to Rebuild**					
Cost Of New SF	SF Required	$/SF	Cost	SF Required	$/SF	Cost		SF Required		$/SF	Cost
Elementary (PK-5)	×	=	$0.00	×	=	$0.00	0	×		=	$0.00
Middle (6-8)	×	=	$0.00	×	=	$0.00	0	×		=	$0.00
High (9-12)	×	=	$0.00	×	=	$0.00	128,844.39	×	$238.02	=	$30,667,541.71
Career Technical Program Space											
CT Existing ft²											
CT New ft²											
CT Total ft²											
CT Program Total			$0.00			$0.00					$0.00
Total Proposed ft²											128,844
Total to Rebuild			$0.00			$0.00					$30,667,541.71
Total to Rebuild All Buildings											
Cost to Reno & Reprogram											$0.00
Total Addition Cost											
Total Career Technical			$0.00			$0.00					$0.00
Project Cost			$0.00			$0.00					$30,667,541.71
Asbestos Abatement			$378,819.38			$416,385.67					$0.00
Demolition			$183,456.00			$122,058.00					$0.00
Specific Allowance			$0.00			$0.00					$300,000.00
Total Building Cost			$562,275.38			$538,443.67					$30,967,541.71
Page Subtotal						$32,068,260.76					
General Allowance						$0.00					
Project Agreement LFI						$0.00					
Co-Funded Project						$32,068,260.76					
Total Project Cost						**$32,068,260.76**					

Building Summary - Cornerstone Elementary (28001)

District: Norton City SD
Name: Cornerstone Elementary
Address: 4138 S Cleveland-Massillon Rd
Norton,OH 44203
Bldg. IRN: 28001

County: Summit **Area:** Northeastern Ohio (8)
Contact: Julie Gulley
Phone: 330-825-3828
Date Prepared: 2008-08-05 **By:** Tony Schorr
Date Revised: 2013-04-23 **By:** Jeff Tuckerman

Current Grades	K-4	Acreage:	25.00
Proposed Grades	N/A	Teaching Stations:	25
Current Enrollment	283	Classrooms:	16
Projected Enrollment	N/A		

Addition	Date	HA	Number of Floors	Current Square Feet
Original Building	1915	2	3	14,945
Classroom Wing	1935	2	3	22,255
Gymnasium Mezzanine	1935	2	1	1,597
Administration Classroom Addition	1959	1	1	1,971
Total				**40,768**

*HA	=	Handicapped Access
*Rating	=1	Satisfactory
	=2	Needs Repair
	=3	Needs Replacement
*Const P/S	=	Present/Scheduled Construction

		FACILITY ASSESSMENT Cost Set: 2013	Rating	Dollar Assessment	C
	A.	Heating System	3	$1,391,004.16	-
	B.	Roofing	3	$122,787.50	-
	C.	Ventilation / Air Conditioning	1	$0.00	-
	D.	Electrical Systems	3	$661,664.64	-
	E.	Plumbing and Fixtures	3	$201,088.00	-
	F.	Windows	1	$0.00	-
	G.	Structure: Foundation	1	$0.00	-
	H.	Structure: Walls and Chimneys	2	$90,221.00	-
	I.	Structure: Floors and Roofs	1	$0.00	-
	J.	General Finishes	3	$761,427.00	-
	K.	Interior Lighting	3	$203,840.00	-
	L.	Security Systems	3	$116,188.80	-
	M.	Emergency/Egress Lighting	3	$40,768.00	-
	N.	Fire Alarm	3	$61,152.00	-
	O.	Handicapped Access	3	$249,913.60	-
	P.	Site Condition	3	$229,145.20	-
	Q.	Sewage System	1	$0.00	-
	R.	Water Supply	1	$0.00	-
	S.	Exterior Doors	3	$12,000.00	-
	T.	Hazardous Material	3	$300,526.80	-
	U.	Life Safety	3	$470,457.60	-
	V.	Loose Furnishings	3	$122,304.00	-
	W.	Technology	3	$516,273.78	-
-	X.	Construction Contingency / Non-Construction Cost	-	$1,356,067.83	-
Total				$6,906,829.91	

CEFPI Appraisal Summary

Section	Points Possible	Points Earned	Percentage	Rating Category
Cover Sheet	—	—	—	—
1.0 The School Site	100	68	68%	Borderline
2.0 Structural and Mechanical Features	200	130	65%	Borderline
3.0 Plant Maintainability	100	77	77%	Satisfactory
4.0 Building Safety and Security	200	141	71%	Satisfactory
5.0 Educational Adequacy	200	128	64%	Borderline
6.0 Environment for Education	200	113	57%	Borderline
LEED Observations	—	—	—	—
Commentary	—	—	—	—
Total	1000	657	66%	Borderline

C=Under Contract	
Existing Square Feet	
Cost per Sq. Ft.	$0.00
Renovation Cost Factor	104.79%
Cost to Renovate (Cost Factor applied)	$0.00
Reprogramming Cost	$0.00
Cost to Renovate w/ Reprogramming	$0.00
Cost to Replace	$0.00
Renovate/Replace	N/A

[These calculations are for the case where none of the Building's Additions are slated for demolition. If the Master Plan suggests partial demolition of this Building, the Master Plan will very probably show a different Renovate/Replace ratio, which is representative of the Building without the demolished additions.]

Building Component Information - Norton City SD (44552) - Cornerstone Elementary (28001)

Addition	Auditorium Fixed Seating	Corridors	Agricultural Education Lab	Primary Gymnasium	Media Center	Vocational Space	Student Dining	Kitchen	Natatorium	Indoor Tracks	Adult Education	Board Offices	Outside Agencies	Auxiliary Gymnasium
Original Building (1915)		2396												
Classroom Wing (1935)		3564		4550	702		867	856						
Gymnasium Mezzanine (1935)	1597													
Administration Classroom Addition (1959)		320												
Total	1,597	6,280	0	4,550	702	0	867	856	0	0	0	0	0	0

Master Planning Considerations

Building Summary - Grill Elementary School (14662)

District: Norton City SD
Name: Grill Elementary School
Address: 6125 Kungle Rd
Clinton,OH 44216
Bldg. IRN: 14662

County: Summit **Area:** Northeastern Ohio (8)
Contact: Brady Sackett
Phone: 330-825-2677
Date Prepared: 2008-08-05 **By:** Tony Schorr
Date Revised: 2013-04-23 **By:** Jeff Tuckerman

Current Grades	PK-4	Acreage:	5.00
Proposed Grades	N/A	Teaching Stations:	19
Current Enrollment	283	Classrooms:	17
Projected Enrollment	N/A		

Addition	Date	HA	Number of Floors	Current Square Feet
Original Building	1929	2	2	6,928
Original Building Gymnasium Balcony	1929	2	1	609
Administration/ Classroom Addition	1956	2	1	5,320
Classroom Wing Addition	1965	2	2	14,267
Total				**27,124**

*HA	=	Handicapped Access
*Rating	=1	Satisfactory
	=2	Needs Repair
	=3	Needs Replacement
*Const P/S	=	Present/Scheduled Construction

		FACILITY ASSESSMENT Cost Set: 2013	Rating	Dollar Assessment	C
	A.	Heating System	3	$925,470.88	-
	B.	Roofing	3	$51,387.50	-
	C.	Ventilation / Air Conditioning	1	$0.00	-
	D.	Electrical Systems	3	$440,222.52	-
	E.	Plumbing and Fixtures	3	$189,902.50	-
	F.	Windows	3	$124,535.10	-
	G.	Structure: Foundation	3	$75,000.00	-
	H.	Structure: Walls and Chimneys	2	$122,785.00	-
	I.	Structure: Floors and Roofs	2	$18,620.00	-
	J.	General Finishes	3	$479,812.00	-
	K.	Interior Lighting	3	$135,620.00	-
	L.	Security Systems	3	$77,303.40	-
	M.	Emergency/Egress Lighting	3	$27,124.00	-
	N.	Fire Alarm	3	$40,686.00	-
	O.	Handicapped Access	3	$503,124.80	-
	P.	Site Condition	3	$253,623.94	-
	Q.	Sewage System	3	$59,525.00	-
	R.	Water Supply	1	$0.00	-
	S.	Exterior Doors	3	$26,000.00	-
	T.	Hazardous Material	3	$329,337.40	-
	U.	Life Safety	3	$466,796.80	-
	V.	Loose Furnishings	3	$79,545.00	-
	W.	Technology	3	$349,467.70	-
-	X.	Construction Contingency / Non-Construction Cost	-	$1,166,764.14	-
Total				$5,942,653.68	

CEFPI Appraisal Summary

Section	Points Possible	Points Earned	Percentage	Rating Category
Cover Sheet	—	—	—	—
1.0 The School Site	100	72	72%	Satisfactory
2.0 Structural and Mechanical Features	200	126	63%	Borderline
3.0 Plant Maintainability	100	67	67%	Borderline
4.0 Building Safety and Security	200	144	72%	Satisfactory
5.0 Educational Adequacy	200	112	56%	Borderline
6.0 Environment for Education	200	114	57%	Borderline
LEED Observations	—	—	—	—
Commentary	—	—	—	—
Total	1000	635	64%	Borderline

C=Under Contract	
Existing Square Feet	
Cost per Sq. Ft.	$0.00
Renovation Cost Factor	104.79%
Cost to Renovate (Cost Factor applied)	$0.00
Reprogramming Cost	$0.00
Cost to Renovate w/ Reprogramming	$0.00
Cost to Replace	$0.00
Renovate/Replace	N/A

[These calculations are for the case where none of the Building's Additions are slated for demolition. If the Master Plan suggests partial demolition of this Building, the Master Plan will very probably show a different Renovate/Replace ratio, which is representative of the Building without the demolished additions.]

Building Component Information - Norton City SD (44552) - Grill Elementary School (14662)

Addition	Auditorium Fixed Seating	Corridors	Agricultural Education Lab	Primary Gymnasium	Media Center	Vocational Space	Student Dining	Kitchen	Natatorium	Indoor Tracks	Adult Education	Board Offices	Outside Agencies	Auxiliary Gymnasium
Original Building (1929)		703		1317										
Original Building Gymnasium Balcony (1929)		609												
Administration/ Classroom Addition (1956)		988			797			431						
Classroom Wing Addition (1965)		2078												
Total	0	4,378	0	1,317	797	0	0	431	0	0	0	0	0	0

Master Planning Considerations

Return To MasterPlan

Specific Allowances

Building	Category	Name	Amount	Comments	Cost Column
[New] New 9-12	Site Development	Site Access Safety Allowance	$300,000.00	Allowance for Site Access Safety Improvement in the amount of $300,000.	Base CM & A/E Services
Total			$300,000.00		

Return To MasterPlan

Environmental Hazards Assessment Cost Estimates

Owner:	Norton City SD
Facility:	Grill Elementary School
Date of Initial Assessment:	Aug 5, 2008
Date of Assessment Update:	Apr 23, 2013
Cost Set:	2013

District IRN:	44552
Building IRN:	14662
Firm:	Hammond Construction

Scope remains unchanged after cost updates.

Building Addition	Addition Area (sf)	Total of Environmental Hazards Assessment Cost Estimates	
		Renovation	Demolition
1929 Original Building	6,928	$237,992.80	$227,992.80
1929 Original Building Gymnasium Balcony	609	$9,610.90	$9,610.90
1956 Administration/ Classroom Addition	5,320	$23,982.00	$23,982.00
1965 Classroom Wing Addition	14,267	$57,751.70	$57,751.70
Total	27,124	$329,337.40	$319,337.40
Total with Regional Cost Factor (104.79%)	—	$345,112.66	$334,633.66
Regional Total with Soft Costs & Contingency	—	$429,424.72	$416,385.67

Environmental Hazards Assessment Cost Estimates

Owner:	Norton City SD
Facility:	Cornerstone Elementary
Date of Initial Assessment:	Aug 5, 2008
Date of Assessment Update:	Apr 23, 2013
Cost Set:	2013

District IRN:	44552
Building IRN:	28001
Firm:	Hammond Construction

Scope remains unchanged after cost updates.

Building Addition	Addition Area (sf)	Total of Environmental Hazards Assessment Cost Estimates	
		Renovation	Demolition
1915 Original Building	14,945	$226,544.50	$216,544.50
1935 Classroom Wing	22,255	$67,625.50	$67,625.50
1935 Gymnasium Mezzanine	1,597	$4,309.70	$4,309.70
1959 Administration Classroom Addition	1,971	$2,047.10	$2,047.10
Total	40,768	$300,526.80	$290,526.80
Total with Regional Cost Factor (104.79%)	—	$314,922.03	$304,443.03
Regional Total with Soft Costs & Contingency	—	$391,858.43	$378,819.38

Norton City	SCHOOL DISTRICT
Summit	COUNTY
12/11/13	DATE

Norton City SD (Summit) - CFAP - Segment 1 - OSFC 01-23-14 CB 02-24-14 MASTER PLAN

Description of Master Plan:	• Build One (1) New High School to house grades 9-12 and CT • Allowance to Abate/Demolish Cornerstone Elementary and Grill Elementary

CFAP Participant (Segmenting)

Step 1. Assessed Valuation $ 281,527,660

Step 2. Net Bonded Indebtedness $ -

Step 3. Cost of Entire Master Facilities Plan $ 82,511,345

Step 4. Required level of indebtedness 5.96%
.05 + [.0002 x (49 percentile** - 1)]
of assessed valuation* $ 16,779,049

Step 5. To increase the district's net bonded indebtedness to within $5,000 of the required level of indebtedness, the district would need additional bond debt of:

	Worth of Local Share
Step 4:	$ 16,779,049
minus Step 2:	$ -
Total:	$ 16,779,049

Step 6. Required percentage of the project costs 49.00% **
equals (.01 x basic project costs) x 2 49 percentile** $ 40,430,559

Step 7. Amount of Bond issue or Alternative Funding must be the greater of:

a. a required percentage of the project costs $ 40,430,559

b. the amount necessary to raise the net bonded indebtedness of the district to within $5,000 of the required level of indebtedness $ 16,779,049

c. Therefore, the district's share of the **entire MFP** would be for $ 40,430,559

STATE $	42,080,786	51%
LOCAL $	40,430,559	49% *not including required LFI*
TOTAL $	82,511,345	

Step 8. Minimum Local Share Calculation

Assessed Valuation	**Minimum Local Share**
Assessed Valuation x 2.0% 281,527,660	**$ 5,630,553**

proposed segment size	local share of proposed segment
32,068,261	15,713,448

Is proposed segment > minimum project size? **yes**

Therefore, the budget for the proposed segment would be:

STATE $	16,354,813	51%
LOCAL $	15,713,448	49%
TOTAL $	32,068,261	

*District's valuation for the year preceding the year in which the Controlling Board approved the project under 3318.04 of the O.R.C.

**Percentile in which the district ranks. (By law, the minimum State share is 5%; therefore, all districts in the 95-100 percentile are shown as 95%).

Ohio School Facilities Commission
Certification of Net Bonded Indebtedness

	$ -0-	Par Value of Net Bonded Indebtedness (ORC3318.01F)
-	$ -0-	Less Balance of Bond Retirement Account
=	$ -0-	Certified Net Bonded Indebtedness

The School District Treasurer and Bond Counsel do hereby certify that the amount shown above is a true statement of the Net Bonded Indebtedness as of June 30, 2013.

SCHOOL DISTRICT

Treasurer

Stephanie Hagenbush
Print Name

Norton City School District
Summit County
School District & County

4-12-13
Date

BOND COUNSEL

Bond Counsel

Richard D. Manoloff
Print Name

Squire Sanders (US) LLP
Firm Name

April 12, 2013
Date

Master Plan Name	Norton City SD (Summit) - CFAP - Complete - OSFC 01-23-14 CB 02-24-14
Program	CFAP 2013 1 (Active)
Rank	297
School District	Norton City School District
School District IRN	44552
County	Summit County
Cost Region	8 (New Construction Cost Factor: 104.79%)
Cost Set	2013 *(for everything)*
Bracketing Set	2013
Educational Planner	FutureThink

Projected Enrollment (10 Yr)

Grade	2017–2018
PK	16
K	156
1	159
2	165
3	173
4	188
5	210
6	197
7	218
8	232
9	213
10	213
11	120
12	113
Ungraded	0
Special Education	0
CT Offsite	102
CT Low Bay Comprehensive	36
CT High Bay Comprehensive	22
CT Low Bay Onsite	0
CT High Bay Onsite	0
Total	**2533**

Grade Configurations			
Grades	**Total**	**Placed**	**Remaining**
PK-12	2373	*2431*	***-58***
PK-5	1067	*1067*	***0***
6-8	647	*647*	***0***
9-12	659	*717*	***-58***
PK-8	1714	*1714*	***0***
6-12	1306	*1364*	***-58***
CT	160	*102*	***58***

Project Scope:
-Build one (1) New Elementary School to house grades PK-5.
-Build one (1) New Middle School to house grades 6-8.
-Build one (1) New High School to house grades 9-12 and Career Tech..
-Allowance to abate and demolish Cornerstone Elementary, Grill Elementary, Norton Primary, Norton Middle School and Norton High School.

Master Planner Commentary:
-Master plan is based on 2013 OSDM Cost Set and Bracketing.
-Master plan utilizes district approved enrollment projections dated April 16, 2013 (2017-18 projected enrollment year).
-Enhanced environmental studies were completed for all buildings in October 2008.
-The project budget for new buildings shown on this plan anticipates attaining the USGBC LEED For Schools (U.S. Green Building Council, Leadership in Energy and Environmental Design) Silver Certification (with a preference for attaining points in the Energy and Atmosphere Categories).
-There are three (3) Site Safety Access Allowances with this plan. The use of these allowances require a ODOT Traffic Impact Study. See specific allowance for details.
-Students will self swing during construction; therefore, there is no swing space allowance required or included in this plan.
Career Tech enrollment calculation is as follows; 36 Low Bay Comprehensive Students + 22 High Bay Comprehensive Students + 102 Low Bay Offsite Students (academic space only) = 160 Total CT Core Space Students.
-The number of Low Bay Comprehensive Students projected do not meet the 50:1 requirement to qualify for CT program space; therefore those students have been included in the 9-12 student population and receive the full sf/student allocation.
-The number of High Bay Comprehensive Students projected do not meet the 30:1 requirement to qualify for CT program space; therefore those students have been included in the 9-12 student population and receive the full sf/student allocation.

Building	Allowance	
New PK-5	Site Access Safety Allowance	$300,000.00
New 6-8	Site Access Safety Allowance	$300,000.00
New 9-12	Site Access Safety Allowance	$300,000.00

Building	Cornerstone Elementary Master Planning Considerations	Grill Elementary School Master Planning Considerations	Norton Primary School Master Planning Considerations	Norton Middle Master Planning Considerations
Program	Classroom Facilities Assistance Program (CFAP)	Classroom Facilities Assistance Program (CFAP)	Classroom Facilities Assistance Program (CFAP)	Classroom Facilities Assistance Program (CFAP)
Cost Set	*[2013]*	*[2013]*	*[2013]*	*[2013]*
Assessing Consultant	Hammond Construction	Hammond Construction	Hammond Construction	Hammond Construction
Type	Elementary	Elementary	Elementary	Middle
Acres	25.00	5.00	25.00	5.00
Grades Housed	K-4	PK-4	K-4	5-8
Current Enrollment	283	283	358	574
Additions to Demolish	☐ 1915 Original Building 79% 14,945 ft² ☐ 1935 Classroom Wing 68% 22,255 ft² ☐ 1935 Gymnasium Mezzanine 45% 1,597 ft² ☐ 1959 Administration Classroom Addition 63% 1,971 ft²	☐ 1929 Original Building 144% 6,928 ft² ☐ 1929 Original Building Gymnasium Balcony 43% 609 ft² ☐ 1956 Administration/ Classroom Addition 81% 5,320 ft² ☐ 1965 Classroom Wing Addition 72% 14,267 ft²	☐ 1956 Original Building 71% 25,873 ft² ☐ 1999 Gymnasium/Classroom Wing 51% 6,465 ft²	☐ 1966 Original Building Norton Middle School 66% 66,059 ft² ☐ 1996 Classroom Wing Addition 59% 7,296 ft²
Grades Housed - Proposed				
Projected Enrollment				
CT Projected Enrollment				
Scope of Work	Abate/Demolish	Abate/Demolish	Abate/Demolish	Abate/Demolish
CEFPI Rating	Borderline	Borderline	Borderline	Satisfactory
Existing ft²	40,768	27,124	32,338	73,355
Cost/ft² (DM)	$250.32	$250.32	$250.32	$236.84
Cost to Replace	$10,205,045.76	$6,789,679.68	$8,094,848.16	$17,373,398.20
Cost to Renovate	$7,237,667.06	$6,227,306.79	$5,447,415.19	$11,938,776.70
Reprogramming	$0.00	$0.00	$0.00	$0.00
Renovate÷Replace	71%	92%	67%	69%
Right Replacement				
Right Ratio				
Addition Required	No	No	No	No
	Addition ft²	**Addition ft²**	**Addition ft²**	**Addition ft²**
Proposed Enrollment	Students × sf/Student = sf required	Students × sf/Student = sf required	Students × sf/Student = sf required	Students × sf/Student = sf required
Elementary (PK-5)	× = 0	× = 0	× = 0	× = 0
Middle (6-8)	× = 0	× = 0	× = 0	× = 0
High (9-12)	× = 0	× = 0	× = 0	× = 0
Career Technical Core Space	× = 0	× = 0	× = 0	× = 0
Total ft² Required				
ft² Existing	40,768	27,124	32,338	73,355
Oversized ft²				
Less Oversized ft²	40,768	27,124	32,338	73,355
CT ft² Existing				
CT ft² Not Programmed				
Less CT ft²	40,768	27,124	32,338	73,355
Addition ft²	-40,768	-27,124	-32,338	-73,355
Cost per ft²	*see below*	*see below*	*see below*	*see below*
Total Addition Cost				
	Cost of Additions	**Cost of Additions**	**Cost of Additions**	**Cost of Additions**
Cost Of New SF	SF Required $/SF Cost	SF Required $/SF Cost	SF Required $/SF Cost	SF Required $/SF Cost
Elementary (PK-5)	× = $0.00	× = $0.00	× = $0.00	× = $0.00
Middle (6-8)	× = $0.00	× = $0.00	× = $0.00	× = $0.00
High (9-12)	× = $0.00	× = $0.00	× = $0.00	× = $0.00
Career Technical Program Space				
CT Existing ft²				
CT New ft²				
CT Total ft²				
CT Program Total	$0.00	$0.00	$0.00	$0.00
Total Proposed ft²				
Total to Rebuild	$0.00	$0.00	$0.00	$0.00
Total to Rebuild All Buildings				
Cost to Reno & Reprogram				
Total Addition Cost				
Total Career Technical	$0.00	$0.00	$0.00	$0.00
Project Cost	$0.00	$0.00	$0.00	$0.00
Asbestos Abatement	$378,819.38	$416,385.67	$158,729.32	$398,584.89
Demolition	$183,456.00	$122,058.00	$145,521.00	$330,097.50
Specific Allowance	$0.00	$0.00	$0.00	$0.00
Total Building Cost	$562,275.38	$538,443.67	$304,250.32	$728,682.39
Page Subtotal	$2,133,651.76			
General Allowance	$0.00			
Project Agreement LFI	$0.00			
Co-Funded Project	$82,511,345.34			
Total Project Cost	**$82,511,345.34**			

Building	Norton High School Master Planning Considerations	*New PK-5* New Elementary	*New 6-8* New Middle	*New 9-12* New High
Program	Classroom Facilities Assistance Program (CFAP)			
Cost Set	*[2013]*			
Assessing Consultant	Hammond Construction			
Type	High	Elementary	Middle	High
Acres	25.00			
Grades Housed	9-12			
Current Enrollment	825			
Additions to Demolish	☐ 1954 Original Building 82% 35,140 ft² ☐ 1954 Original Building Career Tech (non-high bay) 53% 2,053 ft² ☐ 1959 Classroom Wing Addition 61% 36,828 ft² ☐ 1967 Classroom Wing Addition 61% 10,268 ft² ☐ 1975 Athletic Wing Addition 62% 8,862 ft² ☐ 1975 Athletic Wing Addition Career Tech (non-high bay) 50% 2,702 ft² ☐ 1975 Vocational Building 88% 7,143 ft² ☐ 1975 Vocational Building Career Tech (career tech. non-high bay) 67% 1,002 ft² ☐ 1975 Vocational Building Career Tech (high-bay career tech) 23% 6,514 ft²			
Grades Housed - Proposed		PK-5	6-8	9-12, CT Offsite, CT Low Bay Comprehensive, CT High Bay Comprehensive
Projected Enrollment		1067	647	717
CT Projected Enrollment				102
Scope of Work	Abate/Demolish	Build New	Build New	Build New
CEFPI Rating	Borderline			
Existing ft²	110,512			
Cost/ft² (DM)	$242.79			
Cost to Replace	$26,831,208.48	$0.00	$0.00	$0.00
Cost to Renovate	$18,544,840.52			
Reprogramming	$0.00	$0.00	$0.00	$0.00
Renovate÷Replace	69%			
Right Replacement				
Right Ratio				
Addition Required	No	No	No	No

	Addition ft²			**New ft²**			**New ft²**			**New ft²**		
Proposed Enrollment	Students	sf/Student	sf required	Students	sf/Student	sf required	Students	sf/Student	sf required	Students	sf/Student	sf required
Elementary (PK-5)	×	=	0	1,067 ×	108.55 =	115,823	×	=	0	×	=	0
Middle (6-8)	×	=	0	×	=	0	647 ×	142.19 =	91,997	×	=	0
High (9-12)	×	=	0	×	=	0	×	=	0	717 ×	165.93 =	118,972
Career Technical Core Space	×	=	0	×	=	0	×	=	0	102 ×	96.79 =	9,873
Total ft² Required						115,822.85			91,996.93			128,844.39
ft² Existing			110,512									
Oversized ft²												
Less Oversized ft²			110,512									
CT ft² Existing												
CT ft² Not Programmed												
Less CT ft²			110,512									
Addition ft²			-110,512			115,823			91,997			128,844
Cost per ft²		*see below*			*see below*			*see below*			*see below*	
Total Addition Cost												

	Cost of Additions			**Cost to Rebuild**			**Cost to Rebuild**			**Cost to Rebuild**		
Cost Of New SF	SF Required	$/SF	Cost	SF Required	$/SF	Cost	SF Required	$/SF	Cost	SF Required	$/SF	Cost
Elementary (PK-5)	×	=	$0.00	115,822.85	×$224.27=	$25,975,590.57	0 ×	=	$0.00	0 ×	=	$0.00
Middle (6-8)	×	=	$0.00	0 ×	=	$0.00	91,996.93	×$236.84=	$21,788,552.90	0 ×	=	$0.00
High (9-12)	×	=	$0.00	0 ×	=	$0.00	0 ×	=	$0.00	128,844.39	×$238.02=	$30,667,541.71
Career Technical Program Space												
CT Existing ft²												
CT New ft²												
CT Total ft²												
CT Program Total			$0.00			$0.00			$0.00			$0.00
Total Proposed ft²						115,823			91,997			128,844
Total to Rebuild			$0.00			$25,975,590.57			$21,788,552.90			$30,667,541.71
Total to Rebuild All Buildings												
Cost to Reno & Reprogram						$0.00			$0.00			$0.00
Total Addition Cost												
Total Career Technical			$0.00			$0.00			$0.00			$0.00
Project Cost			$0.00			$25,975,590.57			$21,788,552.90			$30,667,541.71
Asbestos Abatement			$548,704.40			$0.00			$0.00			$0.00
Demolition			$497,304.00			$0.00			$0.00			$0.00
Specific Allowance			$0.00			$300,000.00			$300,000.00			$300,000.00
Total Building Cost			$1,046,008.40			$26,275,590.57			$22,088,552.90			$30,967,541.71
Page Subtotal						$80,377,693.58						
General Allowance						$0.00						
Project Agreement LFI						$0.00						
Co-Funded Project						$82,511,345.34						
Total Project Cost						**$82,511,345.34**						

Building Summary - Cornerstone Elementary (28001)

District: Norton City SD
Name: Cornerstone Elementary
Address: 4138 S Cleveland-Massillon Rd
Norton,OH 44203
Bldg. IRN: 28001

County: Summit **Area:** Northeastern Ohio (8)
Contact: Julie Gulley
Phone: 330-825-3828
Date Prepared: 2008-08-05 **By:** Tony Schorr
Date Revised: 2013-04-23 **By:** Jeff Tuckerman

Current Grades	K-4	Acreage:	25.00
Proposed Grades	N/A	Teaching Stations:	25
Current Enrollment	283	Classrooms:	16
Projected Enrollment	N/A		

Addition	Date	HA	Number of Floors	Current Square Feet
Original Building	1915	2	3	14,945
Classroom Wing	1935	2	3	22,255
Gymnasium Mezzanine	1935	2	1	1,597
Administration Classroom Addition	1959	1	1	1,971
Total				**40,768**

*HA	=	Handicapped Access
*Rating	=1	Satisfactory
	=2	Needs Repair
	=3	Needs Replacement
*Const P/S	=	Present/Scheduled Construction

		FACILITY ASSESSMENT Cost Set: 2013	Rating	Dollar Assessment	C
	A.	Heating System	3	$1,391,004.16	-
	B.	Roofing	3	$122,787.50	-
	C.	Ventilation / Air Conditioning	1	$0.00	-
	D.	Electrical Systems	3	$661,664.64	-
	E.	Plumbing and Fixtures	3	$201,088.00	-
	F.	Windows	1	$0.00	-
	G.	Structure: Foundation	1	$0.00	-
	H.	Structure: Walls and Chimneys	2	$90,221.00	-
	I.	Structure: Floors and Roofs	1	$0.00	-
	J.	General Finishes	3	$761,427.00	-
	K.	Interior Lighting	3	$203,840.00	-
	L.	Security Systems	3	$116,188.80	-
	M.	Emergency/Egress Lighting	3	$40,768.00	-
	N.	Fire Alarm	3	$61,152.00	-
	O.	Handicapped Access	3	$249,913.60	-
	P.	Site Condition	3	$229,145.20	-
	Q.	Sewage System	1	$0.00	-
	R.	Water Supply	1	$0.00	-
	S.	Exterior Doors	3	$12,000.00	-
	T.	Hazardous Material	3	$300,526.80	-
	U.	Life Safety	3	$470,457.60	-
	V.	Loose Furnishings	3	$122,304.00	-
	W.	Technology	3	$516,273.78	-
-	X.	Construction Contingency / Non-Construction Cost	-	$1,356,067.83	-
Total				$6,906,829.91	

CEFPI Appraisal Summary

Section	Points Possible	Points Earned	Percentage	Rating Category
Cover Sheet	—	—	—	—
1.0 The School Site	100	68	68%	Borderline
2.0 Structural and Mechanical Features	200	130	65%	Borderline
3.0 Plant Maintainability	100	77	77%	Satisfactory
4.0 Building Safety and Security	200	141	71%	Satisfactory
5.0 Educational Adequacy	200	128	64%	Borderline
6.0 Environment for Education	200	113	57%	Borderline
LEED Observations	—	—	—	—
Commentary	—	—	—	—
Total	1000	657	66%	Borderline

C=Under Contract	
Existing Square Feet	
Cost per Sq. Ft.	$0.00
Renovation Cost Factor	104.79%
Cost to Renovate (Cost Factor applied)	$0.00
Reprogramming Cost	$0.00
Cost to Renovate w/ Reprogramming	$0.00
Cost to Replace	$0.00
Renovate/Replace	N/A

[These calculations are for the case where none of the Building's Additions are slated for demolition. If the Master Plan suggests partial demolition of this Building, the Master Plan will very probably show a different Renovate/Replace ratio, which is representative of the Building without the demolished additions.]

Addition	Auditorium Fixed Seating	Corridors	Agricultural Education Lab	Primary Gymnasium	Media Center	Vocational Space	Student Dining	Kitchen	Natatorium	Indoor Tracks	Adult Education	Board Offices	Outside Agencies	Auxiliary Gymnasium
Original Building (1915)		2396												
Classroom Wing (1935)		3564		4550	702		867	856						
Gymnasium Mezzanine (1935)	1597													
Administration Classroom Addition (1959)		320												
Total	1,597	6,280	0	4,550	702	0	867	856	0	0	0	0	0	0

Master Planning Considerations

Building Summary - Grill Elementary School (14662)

District: Norton City SD
Name: Grill Elementary School
Address: 6125 Kungle Rd
Clinton,OH 44216
Bldg. IRN: 14662

County: Summit **Area:** Northeastern Ohio (8)
Contact: Brady Sackett
Phone: 330-825-2677
Date Prepared: 2008-08-05 **By:** Tony Schorr
Date Revised: 2013-04-23 **By:** Jeff Tuckerman

Current Grades	PK-4	Acreage:	5.00
Proposed Grades	N/A	Teaching Stations:	19
Current Enrollment	283	Classrooms:	17
Projected Enrollment	N/A		

Addition	Date	HA	Number of Floors	Current Square Feet
Original Building	1929	2	2	6,928
Original Building Gymnasium Balcony	1929	2	1	609
Administration/ Classroom Addition	1956	2	1	5,320
Classroom Wing Addition	1965	2	2	14,267
Total				**27,124**

*HA	=	Handicapped Access
*Rating	=1	Satisfactory
	=2	Needs Repair
	=3	Needs Replacement
*Const P/S	=	Present/Scheduled Construction

		FACILITY ASSESSMENT Cost Set: 2013	Rating	Dollar Assessment	C
	A.	Heating System	3	$925,470.88	-
	B.	Roofing	3	$51,387.50	-
	C.	Ventilation / Air Conditioning	1	$0.00	-
	D.	Electrical Systems	3	$440,222.52	-
	E.	Plumbing and Fixtures	3	$189,902.50	-
	F.	Windows	3	$124,535.10	-
	G.	Structure: Foundation	3	$75,000.00	-
	H.	Structure: Walls and Chimneys	2	$122,785.00	-
	I.	Structure: Floors and Roofs	2	$18,620.00	-
	J.	General Finishes	3	$479,812.00	-
	K.	Interior Lighting	3	$135,620.00	-
	L.	Security Systems	3	$77,303.40	-
	M.	Emergency/Egress Lighting	3	$27,124.00	-
	N.	Fire Alarm	3	$40,686.00	-
	O.	Handicapped Access	3	$503,124.80	-
	P.	Site Condition	3	$253,623.94	-
	Q.	Sewage System	3	$59,525.00	-
	R.	Water Supply	1	$0.00	-
	S.	Exterior Doors	3	$26,000.00	-
	T.	Hazardous Material	3	$329,337.40	-
	U.	Life Safety	3	$466,796.80	-
	V.	Loose Furnishings	3	$79,545.00	-
	W.	Technology	3	$349,467.70	-
-	X.	Construction Contingency / Non-Construction Cost	-	$1,166,764.14	-
Total				$5,942,653.68	

CEFPI Appraisal Summary

Section	Points Possible	Points Earned	Percentage	Rating Category
Cover Sheet	—	—	—	—
1.0 The School Site	100	72	72%	Satisfactory
2.0 Structural and Mechanical Features	200	126	63%	Borderline
3.0 Plant Maintainability	100	67	67%	Borderline
4.0 Building Safety and Security	200	144	72%	Satisfactory
5.0 Educational Adequacy	200	112	56%	Borderline
6.0 Environment for Education	200	114	57%	Borderline
LEED Observations	—	—	—	—
Commentary	—	—	—	—
Total	1000	635	64%	Borderline

C=Under Contract	
Existing Square Feet	
Cost per Sq. Ft.	$0.00
Renovation Cost Factor	104.79%
Cost to Renovate (Cost Factor applied)	$0.00
Reprogramming Cost	$0.00
Cost to Renovate w/ Reprogramming	$0.00
Cost to Replace	$0.00
Renovate/Replace	N/A

[These calculations are for the case where none of the Building's Additions are slated for demolition. If the Master Plan suggests partial demolition of this Building, the Master Plan will very probably show a different Renovate/Replace ratio, which is representative of the Building without the demolished additions.]

Building Component Information - Norton City SD (44552) - Grill Elementary School (14662)

Addition	Auditorium Fixed Seating	Corridors	Agricultural Education Lab	Primary Gymnasium	Media Center	Vocational Space	Student Dining	Kitchen	Natatorium	Indoor Tracks	Adult Education	Board Offices	Outside Agencies	Auxiliary Gymnasium
Original Building (1929)		703		1317										
Original Building Gymnasium Balcony (1929)		609												
Administration/ Classroom Addition (1956)		988			797			431						
Classroom Wing Addition (1965)		2078												
Total	0	4,378	0	1,317	797	0	0	431	0	0	0	0	0	0

Master Planning Considerations

Building Summary - Norton Primary School (28035)

District: Norton City SD
Name: Norton Primary School
Address: 3163 Greenwich Rd
Norton,OH 44203
Bldg. IRN: 28035

County: Summit **Area:** Northeastern Ohio (8)
Contact: Mr. Eric Morris
Phone: (330) 825-5133
Date Prepared: 2008-08-06 **By:** Tony Schorr
Date Revised: 2013-04-29 **By:** Jeff Tuckerman

Current Grades	K-4	Acreage:	25.00
Proposed Grades	N/A	Teaching Stations:	23
Current Enrollment	358	Classrooms:	20
Projected Enrollment	N/A		

Addition	Date	HA	Number of Floors	Current Square Feet
Original Building	1956	2	1	25,873
Gymnasium/Classroom Wing	1999	1	1	6,465
Total				**32,338**

*HA	=	Handicapped Access
*Rating	=1	Satisfactory
	=2	Needs Repair
	=3	Needs Replacement
*Const P/S	=	Present/Scheduled Construction

		FACILITY ASSESSMENT Cost Set: 2013	Rating	Dollar Assessment	C
	A.	Heating System	3	$1,103,372.56	-
	B.	Roofing	3	$80,812.50	-
	C.	Ventilation / Air Conditioning	1	$0.00	-
	D.	Electrical Systems	3	$419,918.79	-
	E.	Plumbing and Fixtures	3	$210,755.50	-
	F.	Windows	1	$0.00	-
	G.	Structure: Foundation	1	$0.00	-
	H.	Structure: Walls and Chimneys	2	$107,950.00	-
	I.	Structure: Floors and Roofs	1	$0.00	-
	J.	General Finishes	3	$504,101.90	-
	K.	Interior Lighting	3	$161,690.00	-
	L.	Security Systems	3	$75,994.30	-
	M.	Emergency/Egress Lighting	3	$32,338.00	-
	N.	Fire Alarm	3	$48,507.00	-
	O.	Handicapped Access	3	$252,727.60	-
	P.	Site Condition	3	$356,481.24	-
	Q.	Sewage System	1	$0.00	-
	R.	Water Supply	1	$0.00	-
	S.	Exterior Doors	1	$0.00	-
	T.	Hazardous Material	3	$131,733.80	-
	U.	Life Safety	3	$103,481.60	-
	V.	Loose Furnishings	3	$161,690.00	-
	W.	Technology	3	$426,214.84	-
-	X.	Construction Contingency / Non-Construction Cost	-	$1,020,641.65	-
Total				$5,198,411.28	

CEFPI Appraisal Summary

Section	Points Possible	Points Earned	Percentage	Rating Category
Cover Sheet	—	—	—	—
1.0 The School Site	100	70	70%	Satisfactory
2.0 Structural and Mechanical Features	200	142	71%	Satisfactory
3.0 Plant Maintainability	100	75	75%	Satisfactory
4.0 Building Safety and Security	200	155	78%	Satisfactory
5.0 Educational Adequacy	200	119	60%	Borderline
6.0 Environment for Education	200	128	64%	Borderline
LEED Observations	—	—	—	—
Commentary	—	—	—	—
Total	1000	689	69%	Borderline

C=Under Contract	
Existing Square Feet	
Cost per Sq. Ft.	$0.00
Renovation Cost Factor	104.79%
Cost to Renovate (Cost Factor applied)	$0.00
Reprogramming Cost	$0.00
Cost to Renovate w/ Reprogramming	$0.00
Cost to Replace	$0.00
Renovate/Replace	N/A

[These calculations are for the case where none of the Building's Additions are slated for demolition. If the Master Plan suggests partial demolition of this Building, the Master Plan will very probably show a different Renovate/Replace ratio, which is representative of the Building without the demolished additions.]

Addition	Auditorium Fixed Seating	Corridors	Agricultural Education Lab	Primary Gymnasium	Media Center	Vocational Space	Student Dining	Kitchen	Natatorium	Indoor Tracks	Adult Education	Board Offices	Outside Agencies	Auxiliary Gymnasium
Original Building (1956)		5616			625			834						
Gymnasium/Classroom Wing (1999)		738		3203										
Total	0	6,354	0	3,203	625	0	0	834	0	0	0	0	0	0

Master Planning Considerations

Building Summary - Norton Middle (28027)

District: Norton City SD
Name: Norton Middle
Address: 3390 Cleveland-Massillon Rd
Norton,OH 44203
Bldg. IRN: 28027

County: Summit **Area:** Northeastern Ohio (8)
Contact: Joyce Gerber
Phone: 330-825-6429
Date Prepared: 2008-09-30 **By:** Tony Schorr
Date Revised: 2013-04-29 **By:** Jeff Tuckerman

Current Grades	5-8	Acreage:	5.00
Proposed Grades	N/A	Teaching Stations:	40
Current Enrollment	574	Classrooms:	36
Projected Enrollment	N/A		

Addition	Date	HA	Number of Floors	Current Square Feet
Original Building Norton Middle School	1966	2	2	66,059
Classroom Wing Addition	1996	1	1	7,296
Total				**73,355**

*HA	=	Handicapped Access
*Rating	=1	Satisfactory
	=2	Needs Repair
	=3	Needs Replacement
*Const P/S	=	Present/Scheduled Construction

	FACILITY ASSESSMENT Cost Set: 2013		Rating	Dollar Assessment	C
	A.	Heating System	3	$2,502,872.60	-
	B.	Roofing	3	$557,406.27	-
	C.	Ventilation / Air Conditioning	1	$0.00	-
	D.	Electrical Systems	3	$1,190,551.65	-
	E.	Plumbing and Fixtures	3	$97,200.00	-
	F.	Windows	3	$123,199.60	-
	G.	Structure: Foundation	1	$0.00	-
	H.	Structure: Walls and Chimneys	2	$100,476.75	-
	I.	Structure: Floors and Roofs	1	$0.00	-
	J.	General Finishes	3	$1,190,132.70	-
	K.	Interior Lighting	3	$366,775.00	-
	L.	Security Systems	3	$172,384.25	-
	M.	Emergency/Egress Lighting	3	$73,355.00	-
	N.	Fire Alarm	3	$110,032.50	-
	O.	Handicapped Access	3	$523,046.00	-
	P.	Site Condition	3	$510,579.19	-
	Q.	Sewage System	1	$0.00	-
	R.	Water Supply	1	$0.00	-
	S.	Exterior Doors	3	$28,000.00	-
	T.	Hazardous Material	3	$315,685.50	-
	U.	Life Safety	3	$379,736.00	-
	V.	Loose Furnishings	3	$220,065.00	-
	W.	Technology	3	$694,671.85	-
-	X.	Construction Contingency / Non-Construction Cost	-	$2,236,879.77	-
Total				$11,393,049.63	

CEFPI Appraisal Summary

Section	Points Possible	Points Earned	Percentage	Rating Category
Cover Sheet	—	—	—	—
1.0 The School Site	100	64	64%	Borderline
2.0 Structural and Mechanical Features	200	137	69%	Borderline
3.0 Plant Maintainability	100	67	67%	Borderline
4.0 Building Safety and Security	200	157	79%	Satisfactory
5.0 Educational Adequacy	200	137	69%	Borderline
6.0 Environment for Education	200	137	69%	Borderline
LEED Observations	—	—	—	—
Commentary	—	—	—	—
Total	1000	699	70%	Satisfactory

C=Under Contract	
Existing Square Feet	
Cost per Sq. Ft.	$0.00
Renovation Cost Factor	104.79%
Cost to Renovate (Cost Factor applied)	$0.00
Reprogramming Cost	$0.00
Cost to Renovate w/ Reprogramming	$0.00
Cost to Replace	$0.00
Renovate/Replace	N/A

[These calculations are for the case where none of the Building's Additions are slated for demolition. If the Master Plan suggests partial demolition of this Building, the Master Plan will very probably show a different Renovate/Replace ratio, which is representative of the Building without the demolished additions.]

Addition	Auditorium Fixed Seating	Corridors	Agricultural Education Lab	Primary Gymnasium	Media Center	Vocational Space	Student Dining	Kitchen	Natatorium	Indoor Tracks	Adult Education	Board Offices	Outside Agencies	Auxiliary Gymnasium
Original Building Norton Middle School (1966)		10382		5954	3432		4100	1812						
Classroom Wing Addition (1996)		1002												
Total	0	11,384	0	5,954	3,432	0	4,100	1,812	0	0	0	0	0	0

Master Planning Considerations

Building Summary - Norton High School (27995)

District: Norton City SD
Name: Norton High School
Address: 4128 S Cleveland-Massillon Rd
Norton,OH 44203
Bldg. IRN: 27995

County: Summit **Area:** Northeastern Ohio (8)
Contact: Ryan Shaner
Phone: 330 825 7300
Date Prepared: 2008-09-30 **By:** Tony Schorr
Date Revised: 2013-04-23 **By:** Jeff Tuckerman

Current Grades	9-12	Acreage:	25.00
Proposed Grades	N/A	Teaching Stations:	58
Current Enrollment	825	Classrooms:	50
Projected Enrollment	N/A		

Addition	Date	HA	Number of Floors	Current Square Feet
Original Building	1954	2	3	35,140
Original Building Career Tech (non-high bay)	1954	2	3	2,053
Classroom Wing Addition	1959	2	2	36,828
Classroom Wing Addition	1967	2	1	10,268
Athletic Wing Addition	1975	2	1	8,862
Athletic Wing Addition Career Tech (non-high bay)	1975	2	1	2,702
Vocational Building	1975	2	1	7,143
Vocational Building Career Tech (high-bay career tech)	1975	2	1	6,514
Vocational Building Career Tech (career tech. non-high bay)	1975	2	1	1,002
Total				**110,512**

*HA	=	Handicapped Access
*Rating	=1	Satisfactory
	=2	Needs Repair
	=3	Needs Replacement
*Const P/S	=	Present/Scheduled Construction

		FACILITY ASSESSMENT Cost Set: 2013	Rating	Dollar Assessment	C
	A.	Heating System	3	$3,652,635.76	-
	B.	Roofing	3	$495,472.24	-
	C.	Ventilation / Air Conditioning	1	$0.00	-
	D.	Electrical Systems	3	$1,717,887.54	-
	E.	Plumbing and Fixtures	3	$692,723.00	-
	F.	Windows	3	$217,436.80	-
	G.	Structure: Foundation	2	$15,600.00	-
	H.	Structure: Walls and Chimneys	2	$157,045.00	-
	I.	Structure: Floors and Roofs	1	$0.00	-
	J.	General Finishes	3	$2,054,128.84	-
	K.	Interior Lighting	3	$559,074.00	-
	L.	Security Systems	3	$259,703.20	-
	M.	Emergency/Egress Lighting	3	$75,372.00	-
	N.	Fire Alarm	3	$165,768.00	-
	O.	Handicapped Access	3	$866,242.40	-
	P.	Site Condition	3	$956,233.59	-
	Q.	Sewage System	1	$0.00	-
	R.	Water Supply	1	$0.00	-
	S.	Exterior Doors	3	$61,500.00	-
	T.	Hazardous Material	3	$430,816.20	-
	U.	Life Safety	3	$478,638.40	-
	V.	Loose Furnishings	3	$422,506.00	-
	W.	Technology	3	$943,755.40	-
-	X.	Construction Contingency / Non-Construction Cost	-	$3,474,608.79	-
Total				$17,697,147.16	

CEFPI Appraisal Summary

Section	Points Possible	Points Earned	Percentage	Rating Category
Cover Sheet	—	—	—	—
1.0 The School Site	100	72	72%	Satisfactory
2.0 Structural and Mechanical Features	200	140	70%	Satisfactory
3.0 Plant Maintainability	100	73	73%	Satisfactory
4.0 Building Safety and Security	200	148	74%	Satisfactory
5.0 Educational Adequacy	200	128	64%	Borderline
6.0 Environment for Education	200	119	60%	Borderline
LEED Observations	—	—	—	—
Commentary	—	—	—	—
Total	1000	680	68%	Borderline

C=Under Contract	
Existing Square Feet	
Cost per Sq. Ft.	$0.00
Renovation Cost Factor	104.79%
Cost to Renovate (Cost Factor applied)	$0.00
Reprogramming Cost	$0.00
Cost to Renovate w/ Reprogramming	$0.00
Cost to Replace	$0.00
Renovate/Replace	N/A

[These calculations are for the case where none of the Building's Additions are slated for demolition. If the Master Plan suggests partial demolition of this Building, the Master Plan will very probably show a different Renovate/Replace ratio, which is representative of the Building without the demolished additions.]

Addition	Auditorium Fixed Seating	Corridors	Agricultural Education Lab	Primary Gymnasium	Media Center	Vocational Space	Student Dining	Kitchen	Natatorium	Indoor Tracks	Adult Education	Board Offices	Outside Agencies	Auxiliary Gymnasium
Original Building (1954)		7548		6554			2590	1194						
Original Building Career Tech (non-high bay) (1954)						2053								
Classroom Wing Addition (1959)		7526			4030		1266							
Classroom Wing Addition (1967)		1775												
Athletic Wing Addition (1975)		1197												4575
Athletic Wing Addition Career Tech (non-high bay) (1975)						2702								
Vocational Building (1975)		209												
Vocational Building Career Tech (career tech. non-high bay) (1975)						1002								
Vocational Building Career Tech (high-bay career tech) (1975)						6514								
Total	0	18,255	0	6,554	4,030	12,271	3,856	1,194	0	0	0	0	0	4,575

Master Planning Considerations

Return To MasterPlan

Specific Allowances

Building	Category	Name	Amount	Comments	Cost Column
[New] New PK-5	Site Development	Site Access Safety Allowance	$300,000.00	Allowance for Site Access Safety Improvement in the amount of $300,000.	Base CM & A/E Services
[New] New 6-8	Site Development	Site Access Safety Allowance	$300,000.00	Allowance for Site Access Safety Improvement in the amount of $300,000.	Base CM & A/E Services
[New] New 9-12	Site Development	Site Access Safety Allowance	$300,000.00	Allowance for Site Access Safety Improvement in the amount of $300,000.	Base CM & A/E Services
Total			$900,000.00		

Return To MasterPlan

Environmental Hazards Assessment Cost Estimates

Owner:	Norton City SD
Facility:	Norton Primary School
Date of Initial Assessment:	Aug 6, 2008
Date of Assessment Update:	Apr 16, 2013
Cost Set:	2013

District IRN:	44552
Building IRN:	28035
Firm:	Hammond Construction

Scope remains unchanged after cost updates.

Building Addition	Addition Area (sf)	Total of Environmental Hazards Assessment Cost Estimates	
		Renovation	Demolition
1956 Original Building	25,873	$131,087.30	$121,087.30
1999 Gymnasium/Classroom Wing	6,465	$646.50	$646.50
Total	32,338	$131,733.80	$121,733.80
Total with Regional Cost Factor (104.79%)	—	$138,043.85	$127,564.85
Regional Total with Soft Costs & Contingency	—	$171,768.38	$158,729.32

Environmental Hazards Assessment Cost Estimates

Owner:	Norton City SD
Facility:	Norton Middle
Date of Initial Assessment:	Sep 30, 2008
Date of Assessment Update:	Apr 23, 2013
Cost Set:	2013

District IRN:	44552
Building IRN:	28027
Firm:	Hammond Construction

Scope remains unchanged after cost updates.

Building Addition	Addition Area (sf)	Total of Environmental Hazards Assessment Cost Estimates	
		Renovation	Demolition
1966 Original Building Norton Middle School	66,059	$314,955.90	$304,955.90
1996 Classroom Wing Addition	7,296	$729.60	$729.60
Total	73,355	$315,685.50	$305,685.50
Total with Regional Cost Factor (104.79%)	—	$330,806.84	$320,327.84
Regional Total with Soft Costs & Contingency	—	$411,623.94	$398,584.89

Environmental Hazards Assessment Cost Estimates

Owner:	Norton City SD
Facility:	Norton High School
Date of Initial Assessment:	Sep 30, 2008
Date of Assessment Update:	Apr 23, 2013
Cost Set:	2013

District IRN:	44552
Building IRN:	27995
Firm:	Hammond Construction

Scope remains unchanged after cost updates.

Building Addition	Addition Area (sf)	Total of Environmental Hazards Assessment Cost Estimates	
		Renovation	Demolition
1954 Original Building	35,140	$225,954.00	$215,954.00
1954 Original Building Career Tech (non-high bay)	2,053	$4,055.30	$4,055.30
1959 Classroom Wing Addition	36,828	$141,782.80	$141,782.80
1967 Classroom Wing Addition	10,268	$37,126.80	$37,126.80
1975 Athletic Wing Addition	8,862	$6,886.20	$6,886.20
1975 Athletic Wing Addition Career Tech (non-high bay)	2,702	$5,170.20	$5,170.20
1975 Vocational Building	7,143	$4,664.30	$4,664.30
1975 Vocational Building Career Tech (career tech. non-high bay)	1,002	$775.20	$775.20
1975 Vocational Building Career Tech (high-bay career tech)	6,514	$4,401.40	$4,401.40
Total	110,512	$430,816.20	$420,816.20
Total with Regional Cost Factor (104.79%)	—	$451,452.30	$440,973.30
Regional Total with Soft Costs & Contingency	—	$561,743.45	$548,704.40

Norton City	SCHOOL DISTRICT
Summit	COUNTY
12/11/2013	DATE

Norton City SD (Summit) - CFAP - Complete - OSFC 01-23-14 CB 02-24-14 MASTER PLAN

Description of Master Plan:	• Build One (1) New High School to houase grades 9-12 and CT • Build One (1) New Middle School to house grades 6-8 • Build One (1) Elementary School to house grades pk-5 • Allowance to Abate/Demolish Norton High School, Norton Middle School, Norton Primary School, Grill Elementary and Cornerstone Elementary

CFAP Participant

Step 1. Assessed Valuation	$	281,527,660
Step 2. Net Bonded Indebtedness	$	-
Step 3. Project Cost	$	82,511,345
Step 4. Required level of indebtedness		5.96%
.05 + [.0002 x (49 percentile** - 1)] of assessed valuation*	$	16,779,049

Step 5. To increase the district's net bonded indebtedness to within $5,000 of the required level of indebtedness, the district would need additional bond debt of:

	Worth of Local Share
Step 4:	$ 16,779,049
minus Step 2:	$ -
Total:	$ 16,779,049

Step 6. Required percentage of the project costs equals		49.00% **
(.01 x basic project costs) x 49 percentile**	$	40,430,559

Step 7. Amount of Bond issue or Alternative Funding must be the greater of:

a. a required percentage of the project costs	$	40,430,559
b. the amount necessary to raise the net bonded indebtedness of the district to within $5,000 of the required level of indebtedness	$	16,779,049
c. Therefore, the district's share would be for	$	40,430,559

Total Project Cost:

STATE	$	42,080,786	51%
LOCAL	$	40,430,559	49%
TOTAL	$	82,511,345	

*District's valuation for the year preceding the year in which the Controlling Board approved the project under 3318.04 of the O.R.C.

**Percentile in which the district ranks. (By law, the minimum State share is 5%; therefore, all districts in the 95-100 percentile are shown as 95%).

08/03/09

DeJONG HEALY

April 16, 2013

David Dunn, Superintendent
Norton City School District – Summit County
4128 Cleveland Massillon Road
Norton, OH 44203

Dear Supt. Dunn:

Per your acceptance dated April 16, 2013, the draft report dated February 13, 2013 has been finalized and submitted to the Ohio School Facilities Commission. Enclosed is the final report.

The master plan year is 2017-18 with an enrollment of 2,533.

Norton City School District
Master Planning Year Projected Enrollment

Grade	2017-18
Pre-K - 12 Total	2,367
Ungraded	6
Career Tech Comprehensive - Low Bay	36
Career Tech Comprehensive - High Bay	22
Career Tech Off-Site	102
Total	2,533

Source: DeJONG-HEALY

We appreciate the opportunity to serve Norton City Schools.

Sincerely,

Tracy V. Healy
President

5685 Tynecastle Loop
Dublin, OH 43016

614-264-2638
www.dejonghealy.com

DeJONG HEALY

Plan to Empower.

FINAL REPORT

Ohio School Facilities Commission

Norton City School District
Summit County
Enrollment Projections
April 16, 2013

INTRODUCTION

Based on a request from the Ohio School Facilities Commission, DeJONG-HEALY was contracted to develop enrollment projections for Norton City School District.

This report contains ten-year enrollment projections for the Norton City School District. Enrollment projections were developed by analyzing the following data:

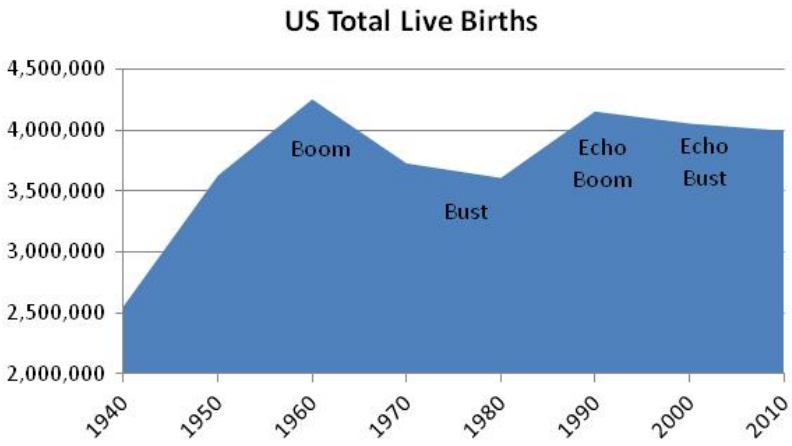
- Live birth data
- Historical enrollment
- Community school enrollment
- Open enrollment
- Community demographics
- Housing information

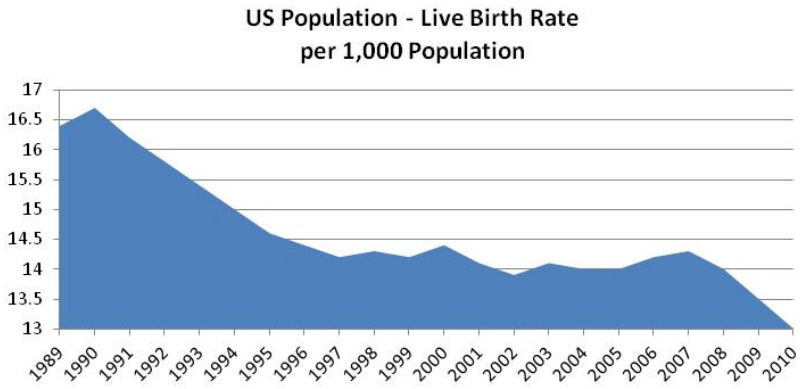
The projections presented in this report are meant to serve as a planning tool for the future, and, with the historical data and anticipated growth, represent the most likely direction of the District.

ENROLLMENT PROJECTION METHODOLOGIES

Introduction

Tracing the landscape of the country's public school enrollment back over the past fifty years reveals demographic, economic, and social changes. The United States as a whole continues to undergo major shifts in public student enrollment, due in large part to past events including the baby boom, the availability and use of birth control, and the development of suburbs. The baby boom of the late 1940s and 50s was followed by the baby bust of the 1960s and 70s. This gave rise to the echo baby boom of the 1980s, producing children who primarily graduated in the late 90s through 2007.





Nationwide, districts continue to experience the effects of the echo baby bust of the 1990s. From the 1950s to the 1970s, a dramatic downsizing of the family unit occurred. A direct result was the declining school enrollment of the 1970s and 1980s. As of the 2010 Census, the size of a family was at an all-time low of 3.14 persons. The live birth rate increased for the first time in several years in 1998 and increased again in 2000. However, the birth rate resumed a descending pattern in 2001 and reached an all-time low of 13.0 in 2010.

When projecting future enrollments, it will be vital to track the number of live births, the amount of new housing activity, and the change in household composition.

In addition, any of the following factors could cause a significant change in projected student enrollments:

- Boundary adjustments
- New school openings
- Changes/additions in program offerings
- Preschool programs
- Change in grade configuration
- Interest rates/unemployment shifts
- Magnet/Charter/Private school opening or closure
- Zoning changes
- Unplanned new housing activity
- Planned, but not built, housing

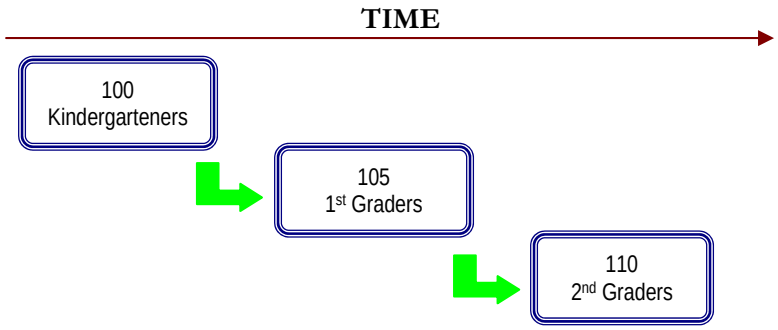
Obviously, certain factors can be gauged and planned for far better than others. For instance, it may be relatively straightforward to gather housing data from local builders regarding the total number of lots in a planned subdivision and calculate the potential student yield. However, planning for changes in the unemployment rate, and how these may either boost or reduce public school enrollment, proves more difficult. In any case, it is essential to gather a wide variety of information in preparation for producing enrollment projections.

When looking ahead at a school district's enrollment over the next two, five, or ten years, it is helpful to approach the process from a global perspective. For example: How many new homes have been constructed each year? How many births have occurred each year in relation to the resident population? Is housing experiencing a turnover – if so, what is the composition of families moving in/out? Are more or less students attending private school or being home-schooled? What has the unemployment rate trend been over the past ten years? What new educational policies are in place now that could affect student enrollment figures?

The data sets generated from questions such as these have led to the development of general methodologies to project future student enrollments. They are as follows:

Cohort Survival Method

A cohort is a group of persons [in this case, students]. The cohort survival projection methodology uses previous live birth data and historical student enrollments to "age" a known population or cohort throughout the school grades. For instance, a cohort begins when a group of kindergarteners enrolls in grade K and moves to first grade the following year, second grade the next year, and so on.



A "survival ratio" is developed to track how this group of students grew or shrunk in number as they moved through the grade levels. By determining survival ratios for each grade transition [i.e., 1st to 2nd grade] over a ten-year period of time, patterns emerge and projection ratios can be developed to be used as a multiplier.

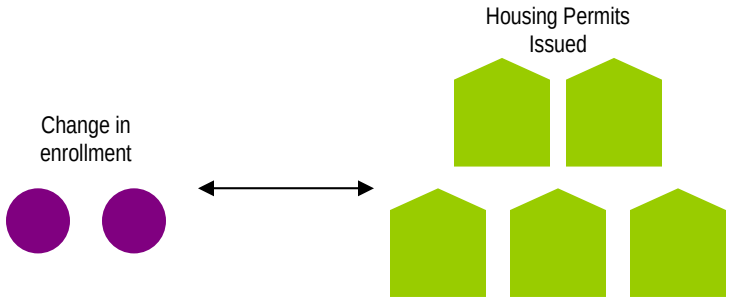
For example, if student enrollment has consistently increased from the 8th to the 9th grade over the past ten years, the survival ratios for each year would be greater than 100 percent. Through analysis of the survival ratios, the projection ratio is determined and is multiplied by the current 8th grade to develop a projection for next year's 9th grade.

This methodology can be carried through to develop ten years of projection figures. Because there is not a grade cohort to follow for students coming into kindergarten, live birth counts are used to develop a survival ratio. Babies born five years previous to the kindergarten class are compared in number, and a ratio can be developed to project future kindergarten enrollments.

The cohort survival method is useful in areas where population is stable [relatively flat, growing steadily, or declining steadily], and where there have been no significant fluctuations in enrollment, births, and housing patterns from year to year.

Housing

Enrollment projections can also be determined by analyzing the housing data for the areas that make up a school district. Yield factors can be established by comparing the historic change in enrollment from year to year divided by the total number of building or occupancy permits issued. For example, if student enrollment has increased by approximately 100 students each year and approximately 200 building permits have been issued each year for the past ten years, then the yield factor would be approximately .5 students per building permit.

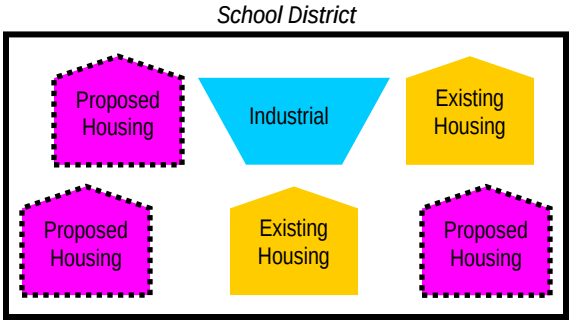


Once yield factors are established, the number of new students per year can be estimated by multiplying the yield factor by the number of projected new housing units. This method is effective when the rate of kindergarten enrollment far exceeds the live birth counts.

If housing demolitions are occurring in a district, these must also be taken into account. For instance, if housing demolitions/withdrawals have increased rapidly over recent years while new housing starts have remained relatively constant over many years, the conclusion may be that some of the new housing starts will simply be replacements for the families displaced by the demolitions. Of course, housing value and household composition would need to be further analyzed to confirm that this is indeed the case. It is possible that enrollment may remain flat or decline even though there is new housing occurring in the area.

Land-Saturation Analysis

Housing data also drives the land-saturation analysis enrollment methodology. In areas where there is a high rate of development and the future development patterns in the area are clear, a "build-out" scenario can be developed. The scenario takes into consideration the remaining acreage to be developed, planned rate of completion, zoning policies, density per acre, type of housing, and ratios of school-age children per household type. This method is particularly useful in areas experiencing rapid growth.



Geographic Information Systems

While not a methodology, the need for better tools and easier manipulation of data has led to a new industry standard in planning – GIS [Geographic Information Systems]. GIS technology allows school districts to quickly analyze countless data sets including birth data, housing information, and enrollment statistics.

When paired with enrollment projections, GIS becomes an invaluable information-management and decision-making tool. Often, county or city offices are already implementing GIS technology and data can be shared and expanded among these organizations in the district. GIS tables and maps are included within this report illustrating population, age, and income estimates and projections.

The cohort survival was the primary method used in the development of the enrollment projections for the Norton City School District.

HISTORICAL ENROLLMENT

Over the past ten years, student enrollment in the Norton City School District has increased by 34 students in grades Pre-K – 12, including ungraded and career technical students. Total enrollment for the 2012-13 school year is 2,592 students.

The approximate percentages of mainstreamed special education students [Pre-K – 12] for the current school year are as follows:

- Pre-K – 52%
- K-4 – 9%
- 5-8 – 15%
- 9-12 – 14%

The approximate percentages of self-contained special education students [Pre-K – 12] for the current school year are as follows:

- Pre-K – 0%
- K-4 – < 1%
- 5-8 – 1%
- 9-12 – 2%

The following graph illustrates the District's Pre-K – 12 enrollment history from 2003-04 through 2012-13.

The following table illustrates the District's enrollment history from 2003-04 through 2012-13.

Norton City School District
Historical Enrollment

Grade	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Pre-K (regular)*	13	15	9	12	17	16	10	22	13	12
Pre-K (special needs)	5	6	7	8	9	20	21	18	20	13
K	161	161	167	169	180	173	191	182	163	176
1	180	170	163	174	185	187	189	201	186	169
2	186	180	183	180	179	185	192	197	214	198
3	165	188	188	190	185	183	188	189	194	215
4	180	166	185	191	201	183	188	193	198	198
5	206	185	173	192	203	200	188	197	199	202
6	217	207	194	188	199	210	205	190	192	206
7	190	214	203	197	199	196	218	202	186	196
8	216	173	204	204	194	208	205	212	194	185
9	229	231	188	212	222	205	222	205	211	202
10	189	178	208	192	230	224	213	215	213	214
11	161	147	116	152	111	116	133	124	121	118
12	167	146	129	128	139	114	152	139	122	117
Pre-K - 12 Total	2,465	2,367	2,317	2,389	2,453	2,420	2,515	2,486	2,426	2,421
Ungraded	10	3	4	2	0	0	7	10	7	4
Career Tech Comprehensive - Low Bay	25	23	17	21	22	36	37	40	38	35
Career Tech Comprehensive - High Bay	20	21	11	17	19	31	24	24	26	19
Career Tech Off-Site	38	36	89	74	91	104	102	106	104	113
Grand Total	2,558	2,450	2,438	2,503	2,585	2,591	2,685	2,666	2,601	2,592

Source: Ohio Department of Education, EMIS; Norton City School District

Norton City School District
Historical Enrollment by Grade Group

Grade	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Pre-K (ECE, special needs) - 4	877	871	893	912	939	931	969	980	975	969
5 - 8	829	779	774	781	795	814	816	801	771	789
9 - 12	746	702	641	684	702	659	720	683	667	651
Pre-K - 12 Total	2,452	2,352	2,308	2,377	2,436	2,404	2,505	2,464	2,413	2,409
Ungraded	10	3	4	2	0	0	7	10	7	4
Career Tech Comprehensive - Low Bay	25	23	17	21	22	36	37	40	38	35
Career Tech Comprehensive - High Bay	20	21	11	17	19	31	24	24	26	19
Career Tech Off-Site	38	36	89	74	91	104	102	106	104	113
Grand Total	2,545	2,435	2,429	2,491	2,568	2,575	2,675	2,644	2,588	2,580

Source: Ohio Department of Education, EMIS; Norton City School District

*regular Pre-K is not included in the projected enrollment figures.

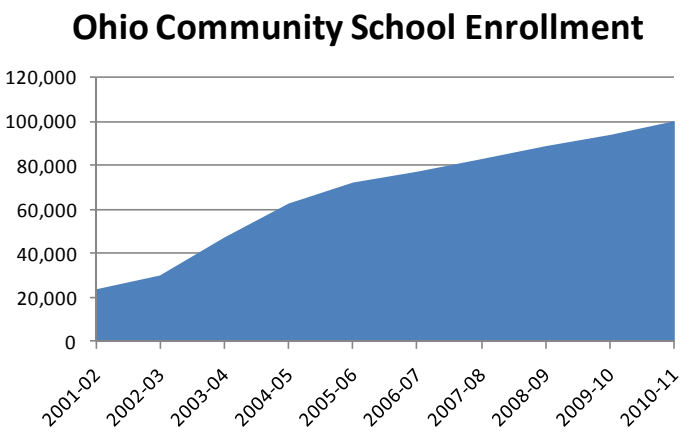
COMMUNITY SCHOOL ENROLLMENT

In Ohio, community school enrollment has increased dramatically over the last decade. From 2001-02 to 2010-11, enrollment has increased from 23,626 students in 98 community schools to 99,878 students in 341 community schools.

Ohio
Community School Enrollment

Grade	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Grand Total	23,626	29,939	47,101	62,561	72,064	76,932	82,643	88,536	93,623	99,878

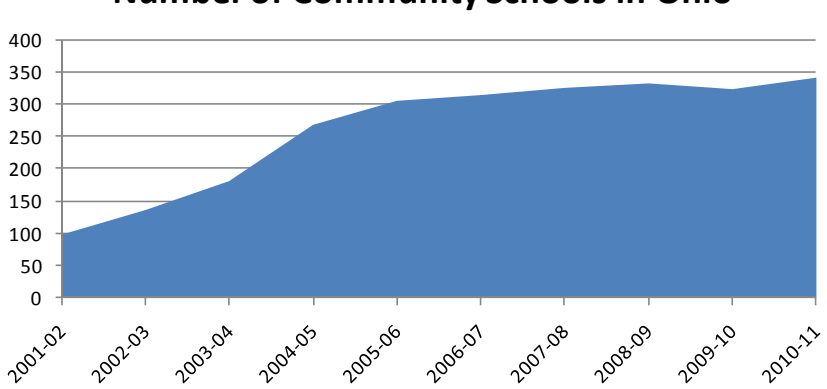
Source: Ohio Department of Education



Ohio
Number of Community Schools

Grade	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Grand Total	98	136	181	268	305	314	325	332	323	341

Source: Ohio Department of Education

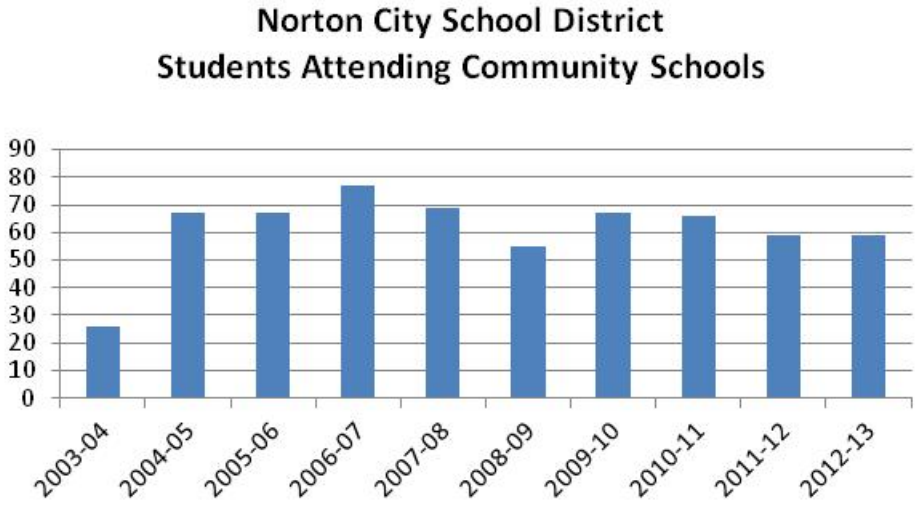


Since 2003-04, the number of Norton City School District students attending community schools has increased from 26 to 59 students. Enrollment of Norton City School District students attending community schools should be closely monitored as it may have a significant impact on District enrollment in the future.

Norton City School District
Community School Enrollment

Grade	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Pre-K	0	0	0	0	0	0	0	0	0	0
K	0	0	0	3	3	5	0	1	1	2
1	0	1	1	4	1	1	3	0	0	3
2	1	1	1	2	4	2	2	4	0	0
3	0	1	1	3	3	1	1	2	2	0
4	0	0	0	2	1	2	2	2	2	2
5	1	3	3	1	2	1	2	0	1	0
6	0	3	3	5	1	1	2	3	1	2
7	1	2	2	6	2	3	4	5	4	2
8	0	3	3	4	4	3	6	5	8	6
9	7	20	20	11	18	13	15	13	14	13
10	5	11	11	14	13	7	12	9	5	7
11	8	7	7	7	10	9	10	15	14	15
12	3	13	13	15	7	7	8	6	7	6
Ungraded	0	2	2	0	0	0	0	1	0	1
Grand Total	26	67	67	77	69	55	67	66	59	59

Source: Ohio Department of Education, EMIS; Norton City School District



OPEN ENROLLMENT

Since 2003-04, the number of Norton City School District students "open enrolling" into the District has increased from 280 to 544 students in the 2012-13 school year. The number of students "open enrolling" out of the District has increased from 71 to 87 students. Significant changes in the number of students "open enrolling" into or out of the District from year to year can impact enrollment projections and should be monitored.

Norton City School District
Open Enrollment - IN

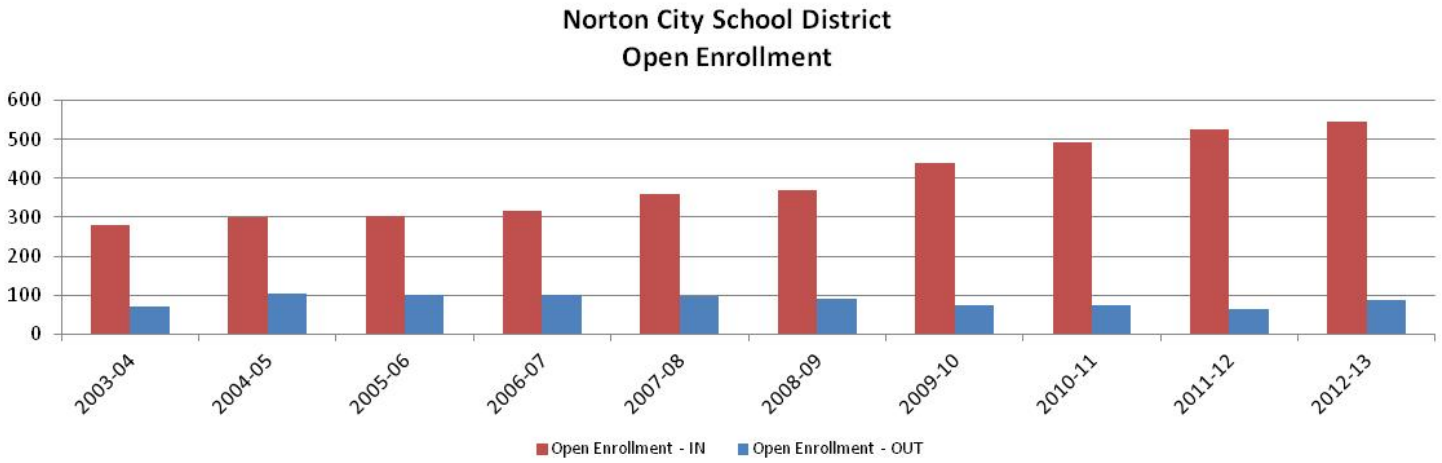
Grade	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Pre-K	0	0	0	0	0	0	0	0	0	0
K	21	27	38	20	24	22	37	37	37	44
1	23	30	31	41	26	24	32	37	50	41
2	34	29	35	26	45	27	33	36	38	56
3	25	31	31	37	28	44	28	37	39	35
4	22	23	0	0	39	34	45	34	42	38
5	22	28	28	33	26	34	39	47	43	39
6	32	24	29	23	30	36	33	44	48	45
7	17	30	22	29	24	27	43	36	45	51
8	15	13	25	20	26	26	32	46	37	47
9	17	18	20	28	23	24	31	42	37	40
10	12	12	18	23	28	24	33	33	40	38
11	19	15	13	16	24	26	25	37	32	38
12	21	20	14	19	15	23	27	27	36	32
Ungraded	0	0	0	0	0	0	0	0	0	0
Grand Total	280	300	304	315	358	371	438	493	524	544

Source: Ohio Department of Education, EMIS; Norton City School District

Norton City School District
Open Enrollment - OUT

Grade	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Pre-K	0	0	0	0	0	0	0	0	0	1
K	0	0	3	2	3	2	4	2	0	6
1	1	2	2	5	2	2	3	3	4	4
2	2	2	2	3	4	4	2	2	3	8
3	4	2	2	2	6	3	2	2	3	4
4	4	5	0	0	2	6	2	3	1	8
5	3	4	5	12	5	3	5	3	4	4
6	8	8	7	4	10	6	3	4	4	5
7	2	10	9	6	5	5	5	3	3	6
8	5	7	8	11	6	10	7	8	3	8
9	12	21	15	13	10	8	10	10	6	6
10	9	16	22	14	11	12	8	11	9	4
11	12	10	17	15	15	14	11	8	13	12
12	9	16	10	15	18	16	12	16	13	11
Ungraded	0	0	0	0	0	0	0	0	0	0
Grand Total	71	103	102	102	97	91	74	75	66	87

Source: Ohio Department of Education, EMIS; Norton City School District


Norton City School District
Open Enrollment
600
500
400
300
200
100
0
2003-04
2004-05
2005-06
2006-07
2007-08
2008-09
2009-10
2010-11
2011-12
2012-13
Open Enrollment - IN
Open Enrollment - OUT

LIVE BIRTH DATA

Utilization of live birth data is recommended when projecting future kindergarten enrollments as it provides a helpful overall trend. The live birth counts are used in determining a birth-to-kindergarten survival ratio. This ratio identifies the percentage of children born in a representative area who attend kindergarten in the District five years later. The survival ratios for birth-to-kindergarten as well as grades 1-12 can be found later in this report.

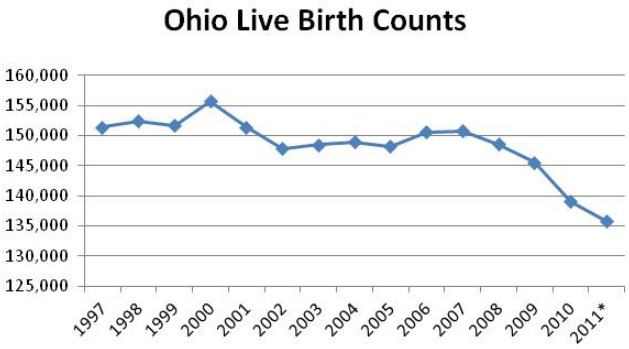
The Ohio Department of Health [ODH] data warehouse provides information about live birth events for Ohio residents. Information about events occurring outside of Ohio to Ohio residents is included. Information about events occurring inside Ohio to non-Ohio residents is not included.

Data is arranged by the residence of the mother. For example, if a mother lives in Powell, Delaware County but delivers her baby in Columbus, Franklin County, the birth is counted in Powell, Delaware County.

The number of live births is recorded by:

- State
- County
- City/Town
- Census Tract
- Zip Code
- Address [not available to the public]

Live birth counts are different from live birth rates. The live birth count is the actual number of live births. A birth rate is the number of births per 1,000 women in a specified population group. Birth rates are provided for counties only and for 9 age groups from 10-14 years to 45+ years.



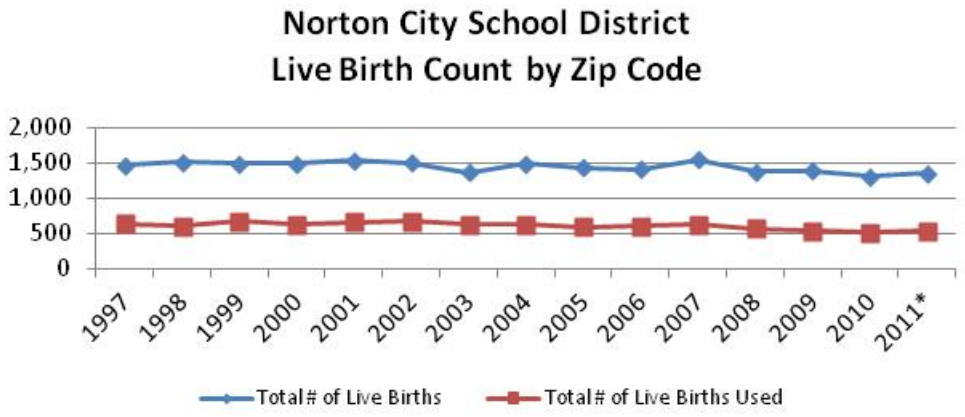
Ohio has experienced the same trend in live births as seen around the country. Live birth counts increased for the first time in several years in 1998 and again in 2000. A descending pattern resumed in 2001 with a slight stabilization from 2002 to 2005. Births increased again in 2006 and 2007 but have since declined to an all-time low of 135,815 in 2011.

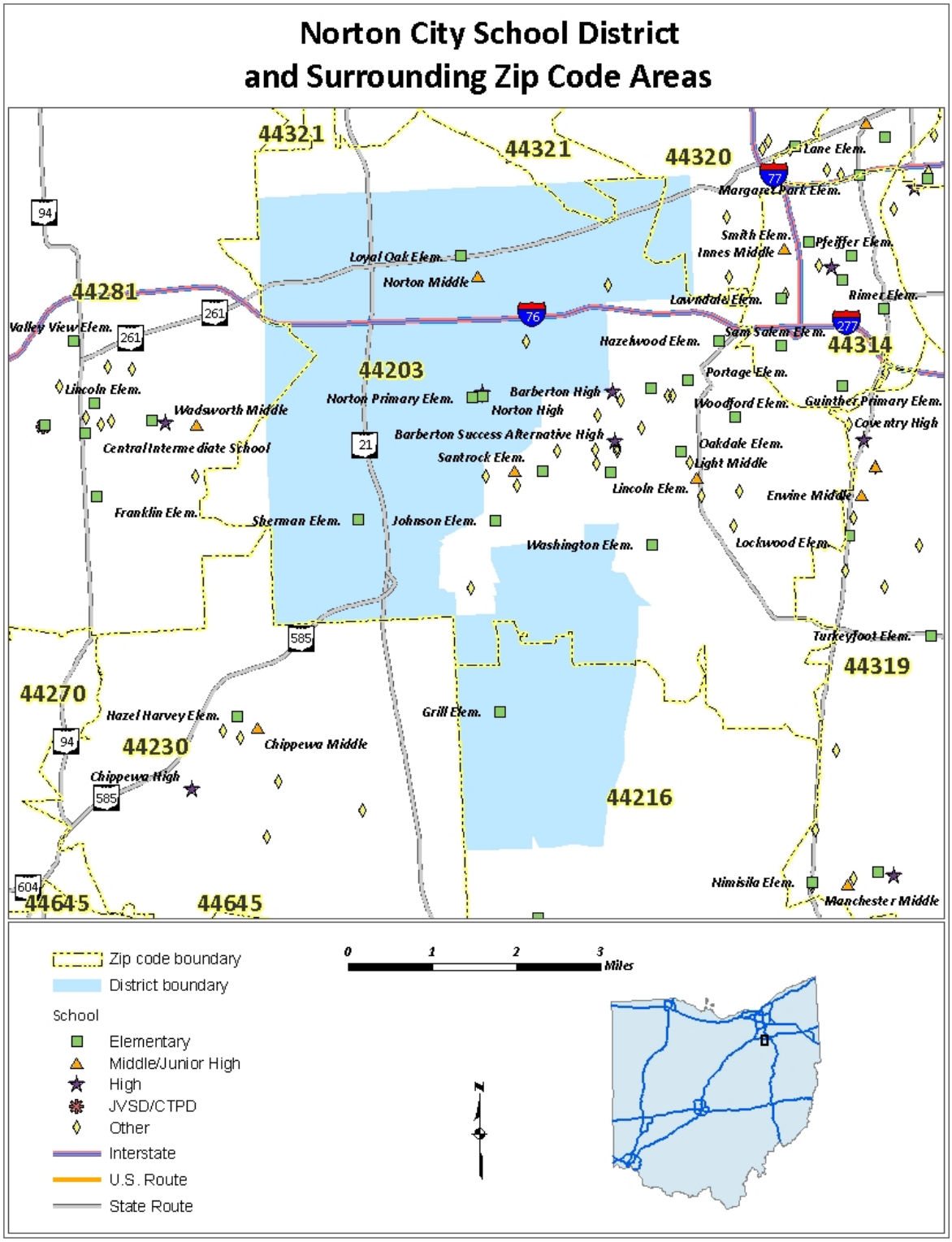
The following chart and graph include the live birth count for zip codes 44203, 44216, 44230, 44281, 44320, and 44321. However, upon analysis of the map on page 15, only zip codes 44203 and 44216 were used for projection purposes.

Norton City School District
Live Birth Count by Zip Code
1997-2011*

Year	44203	44216	44230	44281	44320	44321	Total # of Live Births	Total # of Live Births Used
1997	540	101	71	291	350	119	1,472	641
1998	514	87	106	313	350	139	1,509	601
1999	579	101	95	304	293	121	1,493	680
2000	558	79	94	325	297	134	1,487	637
2001	564	100	81	336	316	136	1,533	664
2002	575	98	92	308	284	146	1,503	673
2003	540	96	81	276	240	134	1,367	636
2004	536	96	70	357	273	156	1,488	632
2005	511	83	75	329	275	161	1,434	594
2006	523	81	71	337	256	144	1,412	604
2007	553	83	69	361	268	214	1,548	636
2008	501	73	71	302	265	162	1,374	574
2009	475	68	59	335	263	191	1,391	543
2010	441	76	80	323	241	143	1,304	517
2011*	451	80	64	309	274	176	1,354	531

Source: Ohio Department of Health, Statistical Analysis Unit
* provisional




Norton City School District
and Surrounding Zip Code Areas
44321
44321
44320
44281
44203
44314
44270
44230
44216
44319
44645
44645
Lane Elem.
Margaret Park Elem.
Smith Elem.
Innes Middle
Pfeiffer Elem.
Loyal Oak Elem.
Norton Middle
Lawndale Elem.
Rimer Elem.
Valley View Elem.
Hazelwood Elem.
Sam Salem Elem.
Portage Elem.
Lincoln Elem.
Norton Primary Elem.
Barberton High
Norton High
Woodford Elem.
Guinther Primary Elem.
Wadsworth Middle
Barberton Success Alternative High
Coventry High
Central Intermediate School
Santrock Elem.
Oakdale Elem.
Light Middle
Lincoln Elem.
Franklin Elem.
Erwine Middle
Sherman Elem.
Johnson Elem.
Washington Elem.
Lockwood Elem.
Turkeyfoot Elem.
Hazel Harvey Elem.
Grill Elem.
Chippewa Middle
Chippewa High
Nimisila Elem.
Manchester Middle
Zip code boundary
District boundary
School
Elementary
Middle/Junior High
High
JVSD/CTPD
Other
Interstate
U.S. Route
State Route
0 1 2 3 Miles

DEMOGRAPHICS

The Norton City School District is comprised of Akron City, Barberton City, Clinton Village, Copley Township, and Norton City in Summit County. General demographic data is included in the following tables for the areas located completely or partially in the District.

General Demographic Information

	Summit County
Per Capita Income	$25,974
Median Household Income	$46,429
Persons Below Poverty	16.6%

Source: US Census, 2011 American Community Survey 1-Year Estimate

Total Population

	2000 Census	2010 Census
Summit County	542,899	541,781
Akron City	217,074	199,110
Barberton City	27,899	26,550
Clinton Village	1,337	1,214
Copley Township	13,641	17,304
Norton City	11,512	12,081

Source: ODOD Policy Research & Strategic Planning Office, August 2011

Also included are block group estimates and projections provided by ESRI Business Information Solutions (ESRI BIS). ESRI BIS uses a time series of estimates from the U.S. Census Bureau that includes the latest estimates and intercensal estimates adjusted for error of closure. The Census Bureau's time series is consistent, but testing has revealed improved accuracy by using a variety of sources to track county population trends.

ESRI BIS also employs a time series of building permits and housing starts plus residential deliveries. Finally, local data sources that tested well against Census 2000 are reviewed. Data sources are integrated and then analyzed by Census Block Groups.

Sources of data include:

- Supplementary Surveys of the Census Bureau
- Bureau of Labor Statistics' (BLS) Local Area Unemployment Statistics
- BLS Occupational Employment Statistics
- *Info*USA
- U.S. Bureau of the Census' Current Population Survey
- National Planning Association Data Service

Below is a list of definitions as they appear on the U.S. Census Bureau website, to aid in interpretation of the following tables and maps.

Household:
A household includes all the people who occupy a housing unit as their usual place of residence.

Average family size:
A measure obtained by dividing the number of members of families by the total number of families (or family householders).

Family household (Family):
A family includes a householder and one or more people living in the same household who are related to the householder by birth, marriage, or adoption. All people who are related to the householder are regarded as members of his or her family. A family household may contain people not related to the householder, but those people are not included as part of the householder's family in census tabulations. Thus, the number of family households is equal to the number of families, but family households may include more members than do families. A household can contain only one family for purposes of census tabulations. Not all households contain families since a household may comprise a group of unrelated people or one person living alone.

Householder:
The person, or one of the people, in whose name the home is owned, being bought, or rented. If there is no such person present, any household member 15 years old and over can serve as the householder for the purposes of the census. Two types of householders are distinguished: a family householder and a nonfamily householder. A family householder is a householder living with one or more people related to him or her by birth, marriage, or adoption. The householder and all people in the household related to him are family members. A nonfamily householder is a householder living alone or with nonrelatives only.

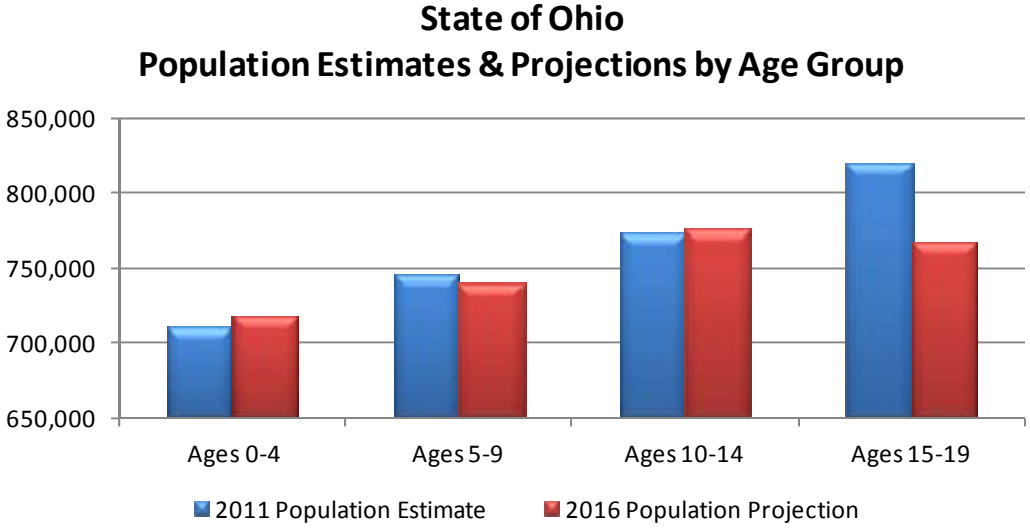
The following tables illustrate the current estimates and 5-year population projections based on block groups that comprise the state and school district, indicating areas of current and projected growth. The tables have been developed to determine selected age group projections and projections for household income, family size, and family income.

The total population in the State of Ohio is 11,538,102. This population is projected to increase by 57,804 people, or approximately 0.5% over a 5-year period. However, Ohio gained just 8,400 residents between 2010 and 2011, ranking the state 48th for growth, according to new population estimates from the U.S. Census.

The 0-19 year-old population in the State currently totals 3,047,034. This population is projected to decrease by 48,194 children, or approximately 2 percent.

State of Ohio	2011 Population Estimate	2016 Population Projection
Total Population	11,538,102	11,595,906
Ages 0-4	710,393	717,415
Ages 5-9	744,959	739,354
Ages 10-14	772,909	775,032
Ages 15-19	818,772	767,040
Total Ages 0-19	**3,047,034**	**2,998,840**

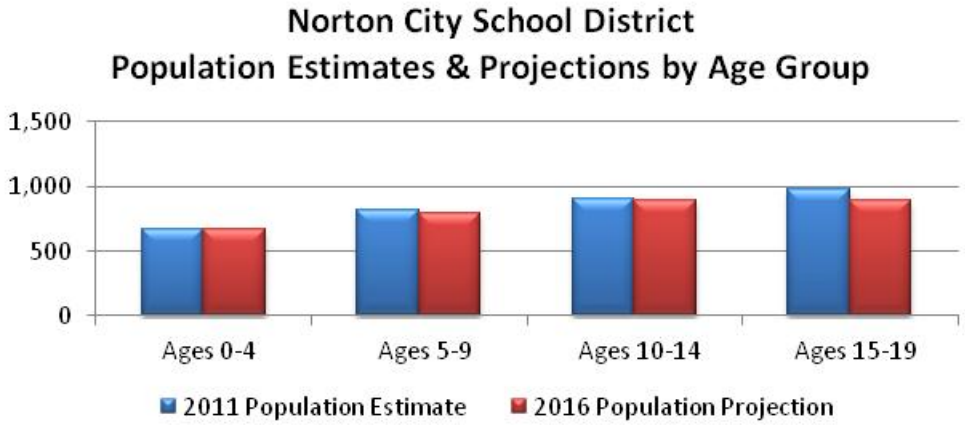
Source: ESRI BIS



The total population in the District is 14,056. This population is projected to decrease by 132 people, or approximately 1% over a 5-year period. The 0-19 year-old population in the District currently totals 3,364. This population is projected to decrease by 120 children, or approximately 4 percent.

Norton City School District	2011 Population Estimate	2016 Population Projection
Total Population	14,056	13,924
Ages 0-4	674	667
Ages 5-9	813	789
Ages 10-14	899	891
Ages 15-19	978	897
Total Ages 0-19	3,364	3,244

Source: ESRI BIS



Average household and family incomes in the State are projected to increase by 11% and 12%, respectively over a 5-year period. Average family size is projected to remain relatively the same.

State of Ohio	2011 Population Estimate	2016 Population Projection
Average Household Income	$61,196	$67,985
Average Family Size	3.01	3.00
Average Family Income	$94,080	$105,718

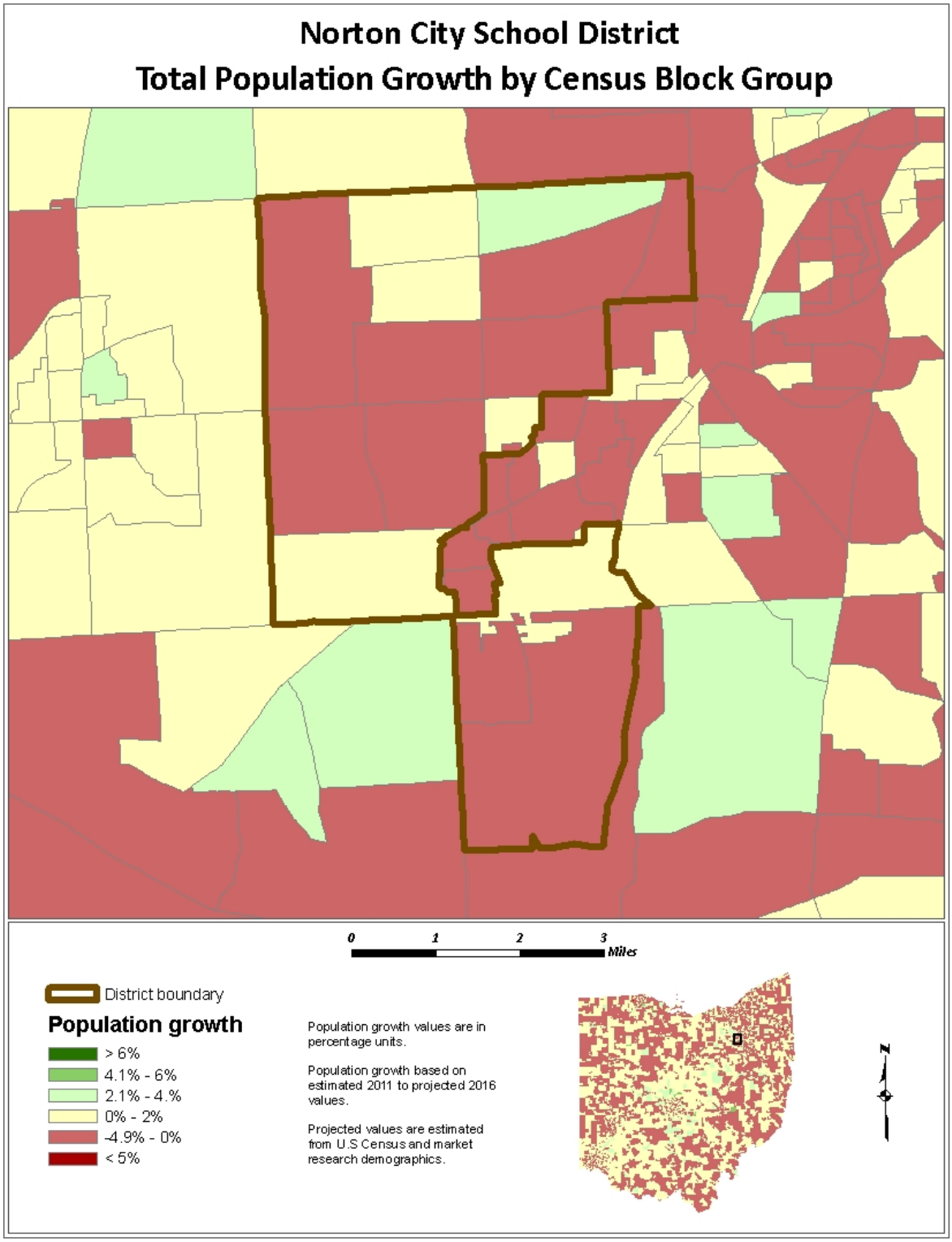
Source: ESRI BIS

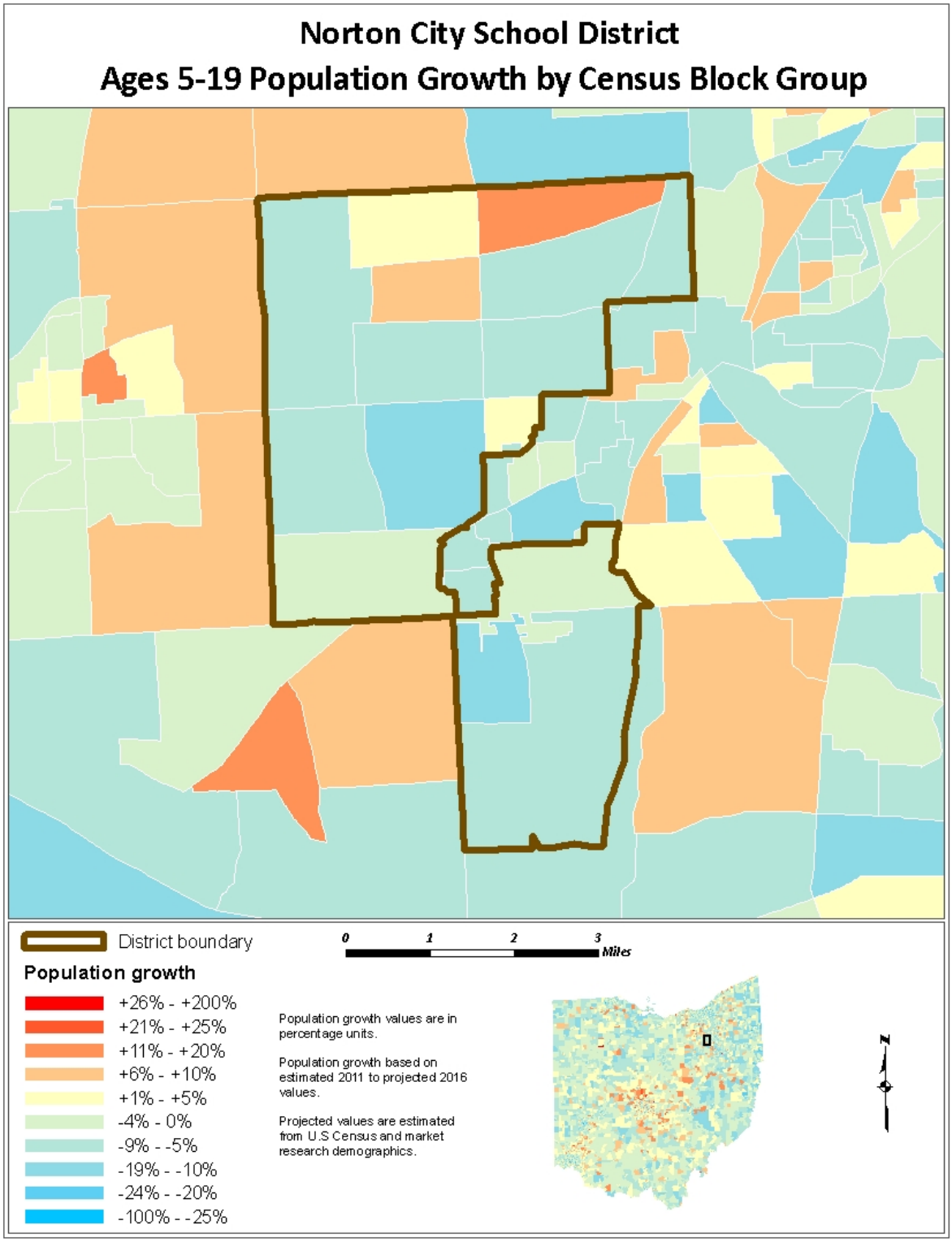
Average household and family incomes in the District are projected to increase by 11% and 12%, respectively over a 5-year period. Average family size is projected to remain relatively the same.

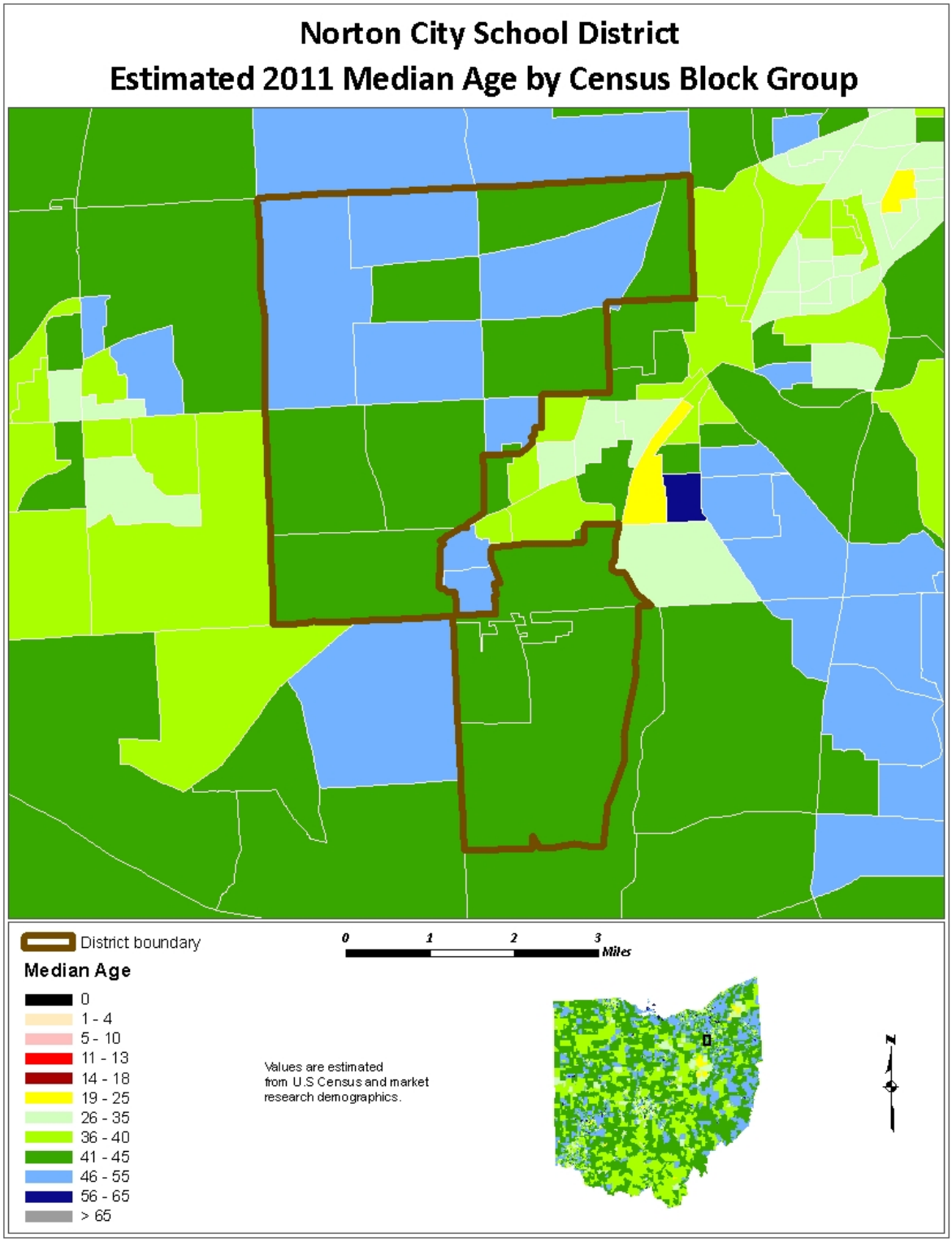
Norton City School District	2011 Population Estimate	2016 Population Projection
Average Household Income	$61,915	$68,596
Average Family Size	2.97	2.96
Average Family Income	$84,187	$94,262

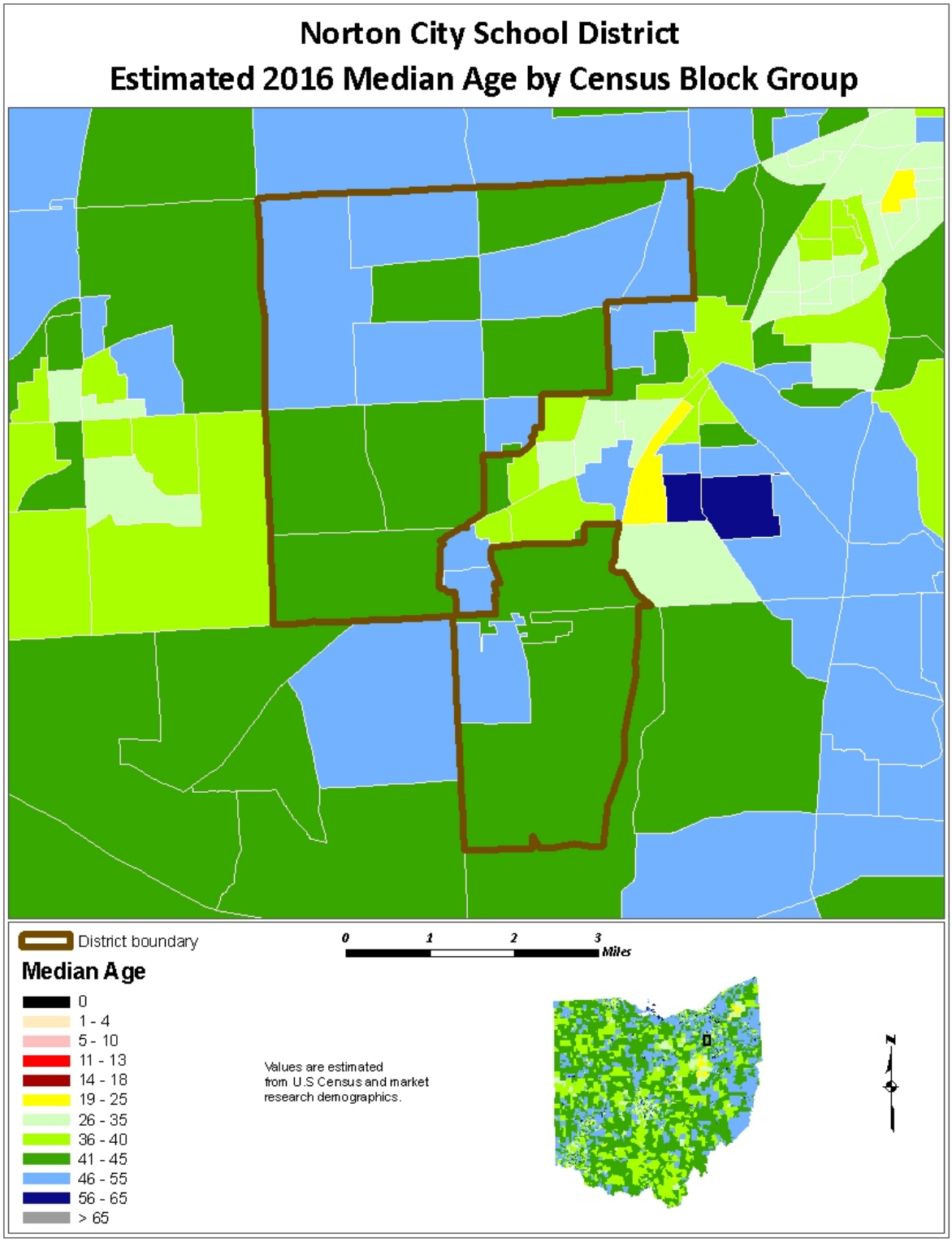
Source: ESRI BIS

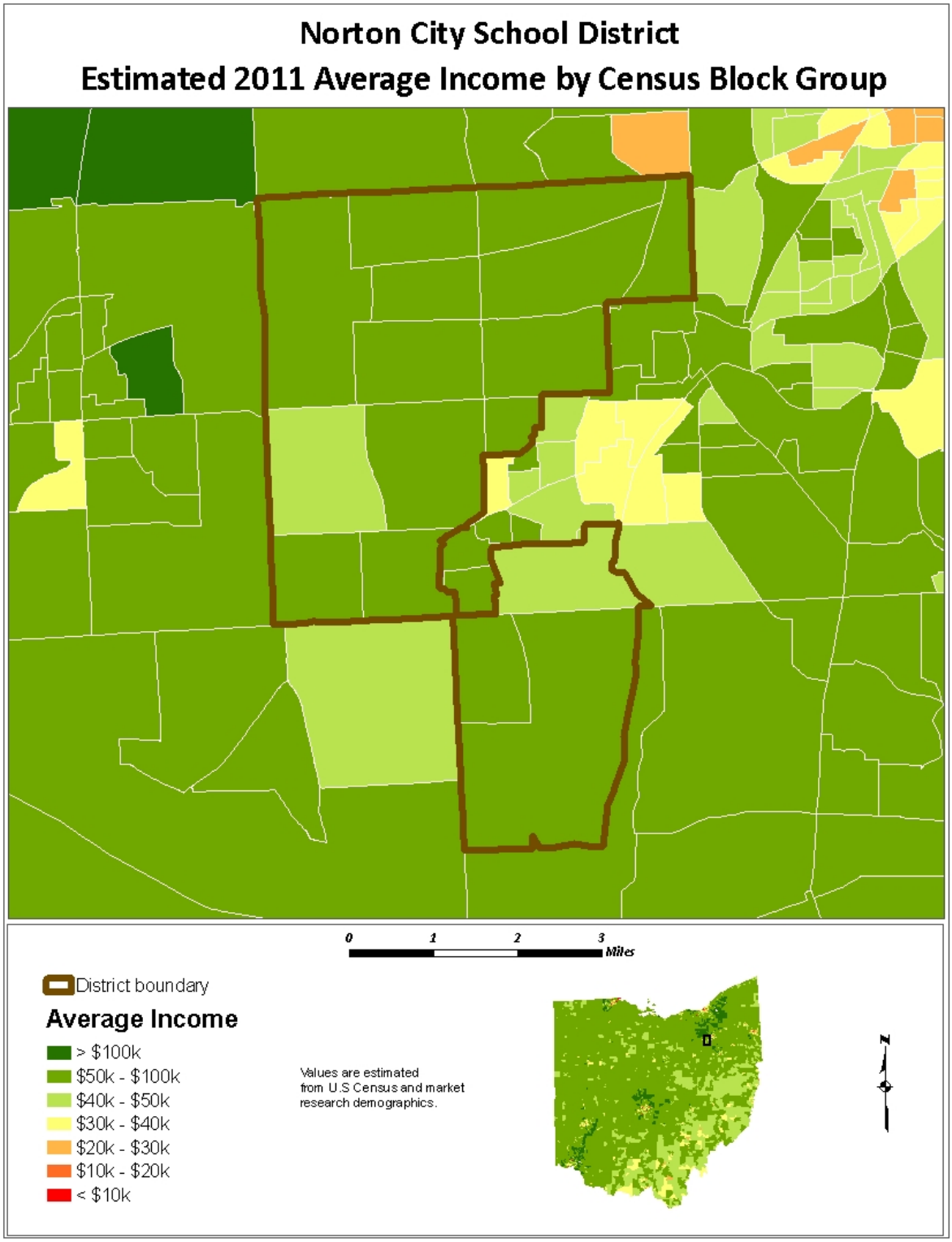
The maps on the following pages illustrate the data identified in the tables. The color coding identifies areas within the District that may be increasing or decreasing at different rates than others.

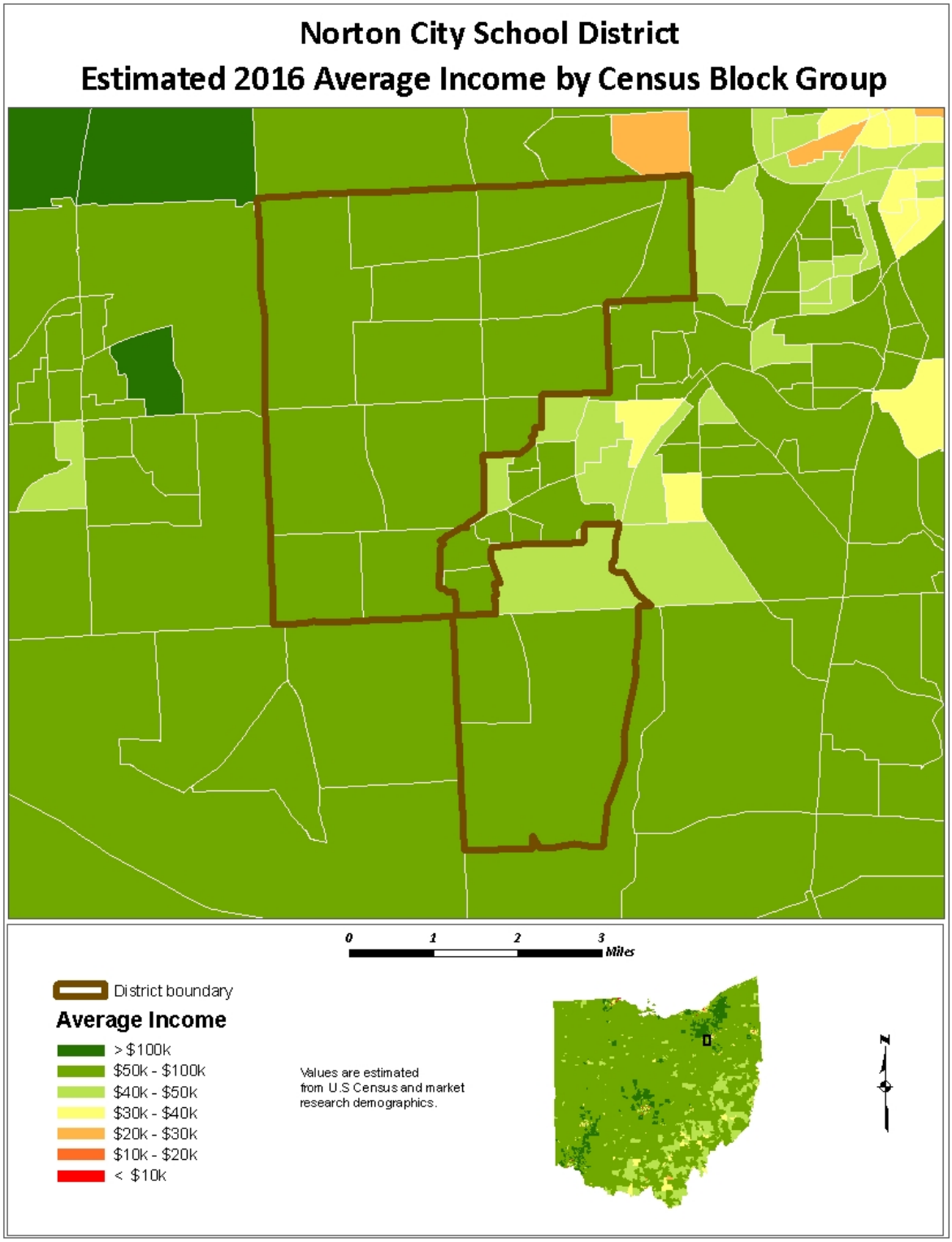

Norton City School District
Total Population Growth by Census Block Group
0
1
2
3
Miles
District boundary
Population growth
> 6%
4.1% - 6%
2.1% - 4.%
0% - 2%
-4.9% - 0%
< 5%
Population growth values are in percentage units.
Population growth based on estimated 2011 to projected 2016 values.
Projected values are estimated from U.S Census and market research demographics.
N


Norton City School District
Ages 5-19 Population Growth by Census Block Group
District boundary
Population growth
+26% - +200%
+21% - +25%
+11% - +20%
+6% - +10%
+1% - +5%
-4% - 0%
-9% - -5%
-19% - -10%
-24% - -20%
-100% - -25%
0 1 2 3 Miles
Population growth values are in percentage units.
Population growth based on estimated 2011 to projected 2016 values.
Projected values are estimated from U.S Census and market research demographics.
N


Norton City School District
Estimated 2011 Median Age by Census Block Group
District boundary
Median Age
0
1 - 4
5 - 10
11 - 13
14 - 18
19 - 25
26 - 35
36 - 40
41 - 45
46 - 55
56 - 65
> 65
0 1 2 3
Miles
Values are estimated from U.S Census and market research demographics.
N


Norton City School District
Estimated 2016 Median Age by Census Block Group
District boundary
0
1
2
3
Miles
Median Age
0
1 - 4
5 - 10
11 - 13
14 - 18
19 - 25
26 - 35
36 - 40
41 - 45
46 - 55
56 - 65
> 65
Values are estimated
from U.S Census and market
research demographics.
N


Norton City School District
Estimated 2011 Average Income by Census Block Group
0
1
2
3
Miles
District boundary
Average Income
> $100k
$50k - $100k
$40k - $50k
$30k - $40k
$20k - $30k
$10k - $20k
< $10k
Values are estimated from U.S Census and market research demographics.
N


Norton City School District
Estimated 2016 Average Income by Census Block Group
0
1
2
3
Miles
District boundary
Average Income
> $100k
$50k - $100k
$40k - $50k
$30k - $40k
$20k - $30k
$10k - $20k
< $10k
Values are estimated from U.S Census and market research demographics.
N

HOUSING INFORMATION

The chart below illustrates the number of single-family dwelling building permits issued each year in Akron, Barberton, Norton, and Summit County.

# of Building Permits Issued for Single Family Dwellings

Year	Akron	Barberton	Norton	Summit Co.
2001	230	60	39	1,797
2002	209	63	75	1,623
2003	294	67	40	1,929
2004	288	68	41	1,828
2005	269	65	40	1,685
2006	198	34	36	1,229
2007	140	14	37	906
2008	82	5	23	593
2009	58	4	10	488
2010	65	4	13	482
2011	33	4	5	476
2012*	0	0	0	320

SOCDS Building Permit Database

* preliminary through December 2012

SURVIVAL RATIOS

The chart below demonstrates the changes in enrollment as students move through the system. Percentages greater than 100 indicate that there are more students than there were in the previous grade the previous year. In other words, there was growth and new students entered the system. Percentages less than 100 indicate that there was decline with students leaving the system.

- Birth to Kindergarten: This ratio indicates the number of children born in the area who attend kindergarten in the District 5 years later. Percentages less than 100% result from movement out of the district, attendance at a non-public or charter school, or residence in another district within the same area.

- Grades 8-9: The higher than usual percentage often is a result of school district promotion policies. Often in school districts, students are promoted from 8th to 9th grade and after one year in 9th grade do not have sufficient credits to be classified as 10th graders and are counted again as 9th graders the following year. There may also be students who attended private or charter schools or are home schooled through grade 8 and then attend public schools for high school education.

The following table illustrates the survival ratios used in developing the enrollment projections for the Norton City School District.

from	to	birth -> K	K->1	1->2	2->3	3->4	4->5	5->6	6->7	7->8	8->9	9->10	10->11	11->12
2003	2004	23.7%	105.6%	100.0%	101.1%	100.6%	102.8%	100.5%	98.6%	91.1%	106.9%	77.7%	77.8%	90.7%
2004	2005	26.2%	101.2%	107.6%	104.4%	98.4%	104.2%	104.9%	98.1%	95.3%	108.7%	90.0%	65.2%	87.8%
2005	2006	25.5%	104.2%	110.4%	103.8%	101.6%	103.8%	108.7%	101.5%	100.5%	103.9%	102.1%	73.1%	110.3%
2006	2007	26.7%	109.5%	102.9%	102.8%	105.8%	106.3%	103.6%	105.9%	98.5%	108.8%	108.5%	57.8%	91.4%
2007	2008	27.2%	103.9%	100.0%	102.2%	98.9%	99.5%	103.4%	98.5%	104.5%	105.7%	100.9%	50.4%	102.7%
2008	2009	30.2%	109.2%	102.7%	101.6%	102.7%	102.7%	102.5%	103.8%	104.6%	106.7%	103.9%	59.4%	131.0%
2009	2010	30.6%	105.2%	104.2%	98.4%	102.7%	104.8%	101.1%	98.5%	97.2%	100.0%	96.8%	58.2%	104.5%
2010	2011	27.0%	102.2%	106.5%	98.5%	104.8%	103.1%	97.5%	97.9%	96.0%	99.5%	103.9%	56.3%	98.4%
2011	2012	27.7%	103.7%	106.5%	100.5%	102.1%	102.0%	103.5%	102.1%	99.5%	104.1%	101.4%	55.4%	96.7%
	average	27.20%	104.971%	104.53%	101.5%	101.95%	103.2%	102.9%	100.5%	98.6%	104.935%	98.374%	61.504%	101.507%
	standard deviation	2.051%	2.667%	3.321%	2.001%	2.297%	1.790%	2.931%	2.735%	4.101%	3.200%	8.763%	8.355%	12.476%

ENROLLMENT PROJECTION

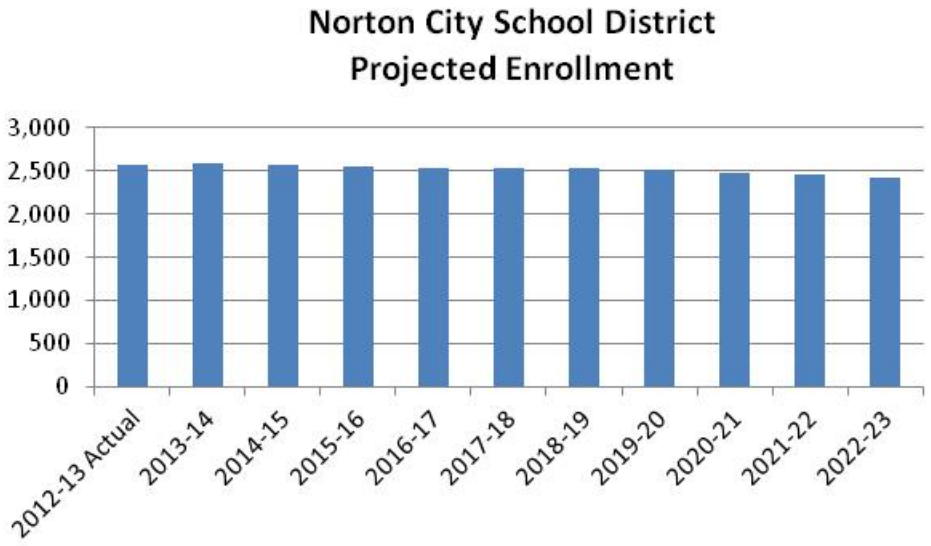
Enrollment projections were developed after analyzing the data collected in this report. The projections indicate a decrease of 163 students in grades Pre-K through 12, not including regular Pre-K students, from the 2012-13 to the 2022-23 school year. The following tables and graph illustrate projected enrollments by grade and by grade group through the 2022-23 school year.

Preschool:
The Ohio School Design Manual [OSDM] provides space for preschool students with disabilities and a maximum of 40 ECE preschool students. The Norton City School District funds preschool through the following sources:

- General fund
- Tuition
- Preschool special ed. unit funding

Kindergarten:
The OSDM provides space for all day, every day kindergarten.

Career Technical:
Due to the specialized space requirements, career technical students are pulled out of the 11th and 12th grade enrollments and projected separately.



Norton City School District
Projected Enrollment

Grade	2012-13 Actual	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Pre-K (special needs)	**13**	17	16	15	15	16	16	16	16	16	16
K	**176**	164	155	147	151	155	155	155	155	155	155
1	**169**	184	171	162	154	158	162	162	162	162	162
2	**198**	180	196	182	172	164	168	172	172	172	172
3	**215**	198	180	196	182	172	164	168	172	172	172
4	**198**	222	204	186	202	187	177	169	173	177	177
5	**202**	205	230	211	192	209	193	183	174	179	183
6	**206**	208	211	236	217	197	215	199	188	179	184
7	**196**	208	209	212	237	218	198	216	200	189	180
8	**185**	192	203	205	208	232	214	194	211	196	185
9	**202**	190	197	209	210	213	238	219	199	217	201
10	**214**	206	193	200	212	213	216	242	222	202	220
11	**118**	122	117	110	114	120	121	123	137	126	115
12	**117**	118	121	116	109	113	119	120	122	136	125
Pre-K - 12 Total	**2,409**	2,414	2,403	2,387	2,375	2,367	2,356	2,338	2,303	2,278	2,247
Ungraded	**4**	6	6	6	6	6	6	6	6	6	5
Career Tech Comprehensive - Low Bay	**35**	37	37	35	34	36	37	38	40	40	37
Career Tech Comprehensive - High Bay	**19**	23	23	22	21	22	23	23	25	25	23
Career Tech Off-Site	**113**	105	105	99	98	102	105	107	114	115	105
Grand Total	**2,580**	2,585	2,574	2,549	2,534	2,533	2,527	2,512	2,488	2,464	2,417

Source: DeJONG-HEALY

Norton City School District
Projected Enrollment by Grade Group

Grade	2012-13 Actual	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Pre-K (ECE, special needs) - 4	**969**	965	922	888	876	852	842	842	850	854	854
5 - 8	**789**	813	853	864	854	856	820	792	773	743	732
9 - 12	**651**	636	628	635	645	659	694	704	680	681	661
Pre-K - 12 Total	**2,409**	2,414	2,403	2,387	2,375	2,367	2,356	2,338	2,303	2,278	2,247
Ungraded	**4**	6	6	6	6	6	6	6	6	6	5
Career Tech Comprehensive - Low Bay	**35**	37	37	35	34	36	37	38	40	40	37
Career Tech Comprehensive - High Bay	**19**	23	23	22	21	22	23	23	25	25	23
Career Tech Off-Site	**113**	105	105	99	98	102	105	107	114	115	105
Grand Total	**2,580**	2,585	2,574	2,549	2,534	2,533	2,527	2,512	2,488	2,464	2,417

Source: DeJONG-HEALY

CONCLUSION

As with any projection, the District should pay close attention to live birth counts, enrollment in elementary schools, community school enrollment, open enrollment, and any housing growth. Each of these factors will have an impact on future student enrollment.

DeJONG-HEALY is pleased to have had the opportunity to provide the District with enrollment projection services. We hope this document will provide the necessary information to make informed decisions about the future of the Norton City School District.

APPENDIX

The following items were used to complete the enrollment projections report:

- District Acceptance
- District Questionnaire
- Housing Information
- November 2011 Enrollment Projection Report [available upon request]

Gmail by Google

Tracy Healy <thealy@futurethinkinc.com>

FW: Norton City SD (Summit) Draft Enrollment Projections Report

Jeff Tuckerman <jtuckerman@hammondconstruction.com> Tue, Apr 16, 2013 at 1:14 PM
To: Tracy Healy <thealy@futurethinkinc.com>
Cc: kcaldwell@nortonschools.org

Tracy,

Norton City's acceptance of the enrollment projections.

From: Caldwell, Ken [mailto:KCaldwell@nortonschools.org]
Sent: Tuesday, April 16, 2013 1:09 PM
To: Jeff Tuckerman
Subject: RE: Norton City SD (Summit) Draft Enrollment Projections Report

Good afternoon Jeff,

I guess we were a "little" slow in responding to this.

I checked with our EMIS coordinator and as we would accept the projections.

I did want to bring to your attention that the CFAP segment 1 MFP draft has the wrong grades listed in the grade housed row.

Cornerstone is K-4, Primary is K-4, Grill is PreK-4, and Middle School is 5-8.

Thanks Jeff. Any questions let me know.

Ken

From: Jeff Tuckerman [mailto:jtuckerman@hammondconstruction.com]
Sent: Wednesday, February 13, 2013 1:56 PM
To: Dunn, David
Cc: 'Todd Wrobleski'; smiller@mkcinc.com; Caldwell, Ken; Hagenbush, Stephanie; 'Prenosil, Bill'; 'Hartzler, Vince'
Subject: Norton City SD (Summit) Draft Enrollment Projections Report

I've attached the both master plans (complete master plan and segment 1) updated with the draft enrollment projections,

Please call if you have any questions.

From: Tuckerman, Jeff [mailto:jtuckerman@hammondconstruction.com]
Sent: Wednesday, February 13, 2013 12:52 PM
To: ddunn@norton.k12.oh.us; SHagenbush@nortonschools.org
Cc: Todd Wrobleski; Steve Miller
Subject: Fw: Norton City SD (Summit) Draft Enrollment Projections Report

I'll update the master plan and forward.

-----Original Message-----
From: "Tracy Healy" <thealy@futurethinkinc.com>
To: ddunn@nortonschools.org
Cc: "Roka, Steve" <Steve.Roka@ofcc.ohio.gov>, "Drerup, Melanie" <Melanie.Drerup@ofcc.ohio.gov>,
"Parker, Janice" <Janice.Parker@ofcc.ohio.gov>, "Prenosil, Bill" <bill.prenosil@ofcc.ohio.gov>,
"Jeff Tuckerman" <jtuckerman@hammondconstruction.com>, "Vince Hartzler" <vhartzler@hammondconstruction.com>,
"Erin Lab" <elab@hammondconstruction.com>, "Ann Hoffsis" <ahoffsis@dejonginc.com>
Date: 2/13/2013 12:30:19 PM
Subject: Norton City SD (Summit) Draft Enrollment Projections Report

Dear Supt. Dunn,
Attached is the draft OSFC enrollment projections report and cover letter for your review and acceptance.

We need your acceptance in writing (an email is fine) in order to proceed with your OSFC project.

Please let me know if you have any questions.
Thank you,

District Questionnaire for Norton City SD of Summit County (44552)

District Questionnaire has been submitted for review

Enrollment Report For Norton City SD of Summit County (44552)

Contact Information

Superintendent Name:	David Dunn
Superintendent Email:	ddunn@nortonschools.org
Superintendent Phone:	(330) 825-0863
Contact Name (if different from Superintendent):	Laura Danko
Contact Title:	EMIS Coordinator
Contact Email:	ldanko@nortonschools.org
Contact Phone:	(330) 706-2723

K12 Enrollment

Grade	Enrolled 2003-2004	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013
K	161	161	167	169	180	173	191	182	163	176
1	180	170	163	174	185	187	189	201	186	169
2	186	180	183	180	179	185	192	197	214	198
3	165	188	188	190	185	183	188	189	194	215
4	180	166	185	191	201	183	188	193	198	198
5	206	185	173	192	203	200	188	197	199	202
6	217	207	194	188	199	210	205	190	192	206
7	190	214	203	197	199	196	218	202	186	196
8	216	173	204	204	194	208	205	212	194	185
9	229	231	188	212	222	205	222	205	211	202
10	189	178	208	192	230	224	213	215	213	214
11	204	192	187	213	178	226	228	220	215	211
12	207	181	175	179	204	175	220	213	196	191
Ungraded	10	3	4	2	0	0	7	10	7	4
Total	**2540**	**2429**	**2422**	**2483**	**2559**	**2555**	**2654**	**2626**	**2568**	**2567**

All Day Kindergarten

Do you offer kindergarten to all students, all day, every day?
yes

Preschool Enrollment

Do you **house** Preschool/Pre-K students in your facilities?
yes

Please select your district's preschool funding sources:
General Fund Tuition Preschool special ed unit funding

Early Childhood Education (ECE) grant funding (known as entitlement and public preschool) is distributed by the Ohio Department of Education to districts to provide preschool services for 3- and 4-year old children of income eligible families.
Do you house Early Childhood Education (ECE) students in your facilities?
no

Do you house Pre-K students with disabilities in your facilities?
yes

Please provide enrollment data:

Grade	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013

Pre-K with disabilities	5	6	7	8	9	20	21	18	20	13

Do you house other Pre-K students in your facilities that are not students with disabilities and are not enrolled in ECE, or Federal Head Start (e.g., tuition-based or funded with other sources)?
yes

Please provide enrollment data:

Grade	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
Pre-K Other (not disabled, not enrolled in ECE, or Federal Head Start)	13	15	9	12	17	16	10	22	13	12

Student Teacher Ratios

What are your district's current average student to teacher ratios for the following grade groups?

Include core teachers only.

- K–3 to 1
- 4–5 to 1
- 6–8 to 1
- 9–12 to 1

Grade Configurations

PK through 4
5 through 8
9 through 12

Students with Disabilities

Definitions:

- **IE13** — Special Education outside the regular class less than 21% of the day.
- **IE14** — Special Education outside the regular class at least 21% of the day and no more than 60% of the day.
- **IE15** — Special Education outside the regular class more than 60% of the day.

Please provide enrollment for students with disabilities by ODE program code and grade configuration.

Code	PK-4	5-8	9-12
IE13	58	78	62
IE14	24	40	26
IE15	5	8	10
Total	**87**	**126**	**98**

*These students should be included in the October headcount

Does your District house additional students with disabilities from other school districts? (i.e., county programs, etc.) no

Community Enrollment

Grade	Enrolled 2003-2004	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013
PreK	0	0	0	0	0	0	0	0	0	0
K	0	0	0	3	3	5	0	1	1	2
1	0	1	1	4	1	1	3	0	0	3
2	1	1	1	2	4	2	2	4	0	0
3	0	1	1	3	3	1	1	2	2	0
4	0	0	0	2	1	2	2	2	2	2
5	1	3	3	1	2	1	2	0	1	0

6	0	3	3	5	1	1	2	3	1	2
7	1	2	2	6	2	3	4	5	4	2
8	0	3	3	4	4	3	6	5	8	6
9	7	20	20	11	18	13	15	13	14	13
10	5	11	11	14	13	7	12	9	5	7
11	8	7	7	7	10	9	10	15	14	15
12	3	13	13	15	7	7	8	6	7	6
Ungraded	0	2	2	0	0	0	0	1	0	1
Total	**26**	**67**	**67**	**77**	**69**	**55**	**67**	**66**	**59**	**59**

Open Enrollment (In)

Grade	Enrolled 2003-2004	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013
Prek	0	0	0	0	0	0	0	0	0	0
K	21	27	38	20	24	22	37	37	37	44
1	23	30	31	41	26	24	32	37	50	41
2	34	29	35	26	45	27	33	36	38	56
3	25	31	31	37	28	44	28	37	39	35
4	22	23	32	25	39	34	45	34	42	38
5	22	28	28	33	26	34	39	47	43	39
6	32	24	29	23	30	36	33	44	48	45
7	17	30	22	29	24	27	43	36	45	51
8	15	13	25	20	26	26	32	46	37	47
9	17	18	20	28	23	24	31	42	37	40
10	12	12	18	23	28	24	33	33	40	38
11	19	15	13	16	24	26	25	37	32	38
12	21	20	14	19	15	23	27	27	36	32
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	**280**	**300**	**336**	**340**	**358**	**371**	**438**	**493**	**524**	**544**

Open Enrollment (Out)

Grade	Enrolled 2003-2004	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013
Prek	0	0	0	0	0	0	0	0	0	1
K	0	0	3	2	3	2	4	2	0	6
1	1	2	2	5	2	2	3	3	4	4
2	2	2	2	3	4	4	2	2	3	8
3	4	2	2	2	6	3	2	2	3	4
4	4	5	8	3	2	6	2	3	1	8
5	3	4	5	12	5	3	5	3	4	4
6	8	8	7	4	10	6	3	4	4	5
7	2	10	9	6	5	5	5	3	3	6
8	5	7	8	11	6	10	7	8	3	8
9	12	21	15	13	10	8	10	10	6	6
10	9	16	22	14	11	12	8	11	9	4
11	12	10	17	15	15	14	11	8	13	12
12	9	16	10	15	18	16	12	16	13	11
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	**71**	**103**	**110**	**105**	**97**	**91**	**74**	**75**	**66**	**87**

JVS Enrollment

Does your District belong to a JVSD? no

Career Technical Compact Enrollment

Does your District belong to a Compact? yes
Please select the districts in your compact.
Barberton City SD

Copley-Fairlawn City SD
Wadsworth City SD

Please provide enrollment for students leaving to attend a career tech program at any of the districts in your compact.

Grade	Enrolled 2003-2004	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013
Off-Site Career Tech 11th	20	20	55	36	45	65	64	53	56	62
Off-Site Career Tech 12th	18	16	34	38	46	39	38	53	48	51
Total	**38**	**36**	**89**	**74**	**91**	**104**	**102**	**106**	**104**	**113**

Career Tech Program Enrollment

Comprehensive Career Tech: Students who attend academics and career technical programs in your district.
On-Site Career Tech: Students who attend academics in another district but attend career technical programs in your district.
Satellite JVSD: Same as Comprehensive Career Tech, but the program is sponsored and/or administered by the JVS District and housed by your District.

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **17.1004-Brick, Block, and Cement Masonry-Program Type 5** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2003-2004	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013
Comprehensive Career Tech 11	10	10	6	12	9	20	9	18	15	10
Comprehensive Career Tech 12	10	11	5	5	10	11	15	6	11	9
Total	**20**	**21**	**11**	**17**	**19**	**31**	**24**	**24**	**26**	**19**

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? no

---

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **07.0410-Exercise Science / Sports & Recreation Health Care-Program Type 2** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2003-2004	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013
Comprehensive Career Tech 11	13	15	10	13	13	25	22	25	23	21
Comprehensive Career Tech 12	12	8	7	8	9	11	15	15	15	14
Total	**25**	**23**	**17**	**21**	**22**	**36**	**37**	**40**	**38**	**35**

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? no

---

Boundaries

Has your District experienced changes in District-wide boundaries since 2004? no

Growth

Do you expect significant growth in your District over the next 10 years? no

Additional Information

Please provide any additional information you feel may impact your District's future enrollment [i.e. private schools opening or closing]

No new major subdivisions since 2009. Only single family homes averaging four to six per year are being built.

Submission Documents

The following are additional documents which may be useful in projecting your District's enrollment. Please check any documents you intend to provide for consideration:

Return To District Print Report

SOCDS Building Permits Database

Query Results

County Totals

Housing Unit Building Permits for: Summit County, OH											
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Units in Single-Family Structures	1,797	1,623	1,929	1,828	1,685	1,229	906	593	488	482	476

Selected Jurisdictions

Housing Unit Building Permits for: AKRON, OH (Summit County)											
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Units in Single-Family Structures	230	209	294	288	269	198	140	82	58	65	33

Housing Unit Building Permits for: BARBERTON, OH (Summit County)											
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Units in Single-Family Structures	60	63	67	68	65	34	14	5	4	4	4

Housing Unit Building Permits for: NORTON, OH (Summit County)											
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Units in Single-Family Structures	39	75	40	41	40	36	37	23	10	13	5

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SOCDS Building Permits Database

Query Results

County Totals

Housing Unit Building Permits for:
Summit County, OH
(Preliminary Data)

	Jan. 2012	Feb. 2012	Mar. 2012	Apr. 2012	May 2012	June 2012	July 2012	Aug. 2012	Sep. 2012	Oct. 2012	Nov. 2012	Dec. 2012	Total 2012
Units in Single-Family Structures	8	15	23	27	27	33	22	56	26	27	31	25	**320**

Selected Jurisdictions

Housing Unit Building Permits for:
AKRON, OH
Summit County
(Preliminary Data)

	Jan. 2012	Feb. 2012	Mar. 2012	Apr. 2012	May 2012	June 2012	July 2012	Aug. 2012	Sep. 2012	Oct. 2012	Nov. 2012	Dec. 2012	Total 2012
Units in Single-Family Structures	0	0	0	0	0	0	0	0	0	0	0	0	**0**

Housing Unit Building Permits for:
BARBERTON, OH
Summit County
(Preliminary Data)

	Jan. 2012	Feb. 2012	Mar. 2012	Apr. 2012	May 2012	June 2012	July 2012	Aug. 2012	Sep. 2012	Oct. 2012	Nov. 2012	Dec. 2012	Total 2012
Units in Single-Family Structures	0	0	0	0	0	0	0	0	0	0	0	0	**0**

Housing Unit Building Permits for:
NORTON, OH
Summit County
(Preliminary Data)

	Jan. 2012	Feb. 2012	Mar. 2012	Apr. 2012	May 2012	June 2012	July 2012	Aug. 2012	Sep. 2012	Oct. 2012	Nov. 2012	Dec. 2012	Total 2012
Units in Single-Family Structures	0	0	0	0	0	0	0	0	0	0	0	0	**0**

Right-click this link SOCDS Building Permits Monthly Request and add it to your "Bookmarks" or "Favorites" to call monthly updates of this data request.

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