Iowa School District Profiles
Maple Valley-Anthon Oto

Overview

This profile describes enrollment trends, student performance, income levels, population, and other characteristics of the Maple Valley-Anthon Oto public school district.

The report utilizes publicly-available data from the Iowa Department of Education, the Iowa Department of Management, and the U.S. Census Bureau. Historical trend data have been aggregated and allocated where possible to align with school district consolidations through the years.

Neighboring District Comparisons

For selected indicators, Maple Valley-Anthon Oto district values are compared to those of neighboring school districts. The comparison group includes the ten public school districts nearest to Maple Valley-Anthon Oto. Those districts are listed below.

Neighboring District Comparison Group

Battle Creek-Ida Grove	Schleswig
Charter Oak-Ute	West Monona
River Valley	Westwood
Kingsley-Pierson	Whiting
Lawton-Bronson	Woodbury Central

Except where otherwise noted, average values for the neighboring district comparison group are *unweighted*, meaning that each district's score contributes equally to the average, regardless of its enrollment size.

About the District:

- Maple Valley-Anthon Oto had 697 students enrolled in grades PK-12 during the 2012-2013 academic year.

- Among Iowa's 348 public school districts, Maple Valley-Anthon Oto ranked #176 in enrollment size in 2012-2013.

- Administrative offices for the district are located in Monona County, Iowa.

Contents:

IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

District Quick Facts[1]

	Maple Valley-Anthon Oto	Neighboring Districts	State of Iowa
Enrollment Size			
Total PK-12 enrollment..	697		
Median enrollment size..	-	510	700
Enrollment by Hispanic/Latino Origin			
Students of Hispanic or Latino origin...	17		
Percentage of PK-12 students of Hispanic or Latino origin................................	2.4	4.0	9.3
Minority Group Enrollment [2]			
Students of Hispanic or Latino origin, regardless of race, plus all students of any race other than White alone...................................	52		
Percentage of PK-12 students in one or more minority groups.........................	7.5	7.7	20.2
English Language Learners			
Students with limited English proficiency...	-		
Percentage of PK-12 students with limited English proficiency.........................	0.0	1.2	4.8
Eligibility for Free/Reduced School Lunch			
Eligible for free lunch...	274		
Eligible for reduced-price lunch...	83		
Total eligible for free or reduced-price lunch..	357		
Percentage of PK-12 students eligible for free/reduced-price lunch...................	51.2	39.6	40.3
Poverty Estimates [3]			
School district total population...	4,338		
Number of children ages 5 to 17 years...	785		
Children ages 5 to 17 years in families in poverty................................	151		
Percentage of children ages 5-17 years in families in poverty.........................	19.2	14.7	14.5 - 16.3

Notes:

1) *Unless otherwise noted, data in the District Quick Facts tables were obtained from Iowa Department of Education (IDE) tabulations for the 2012-2013 academic year. Readers are encouraged to visit the IDE Web page (at http://educateiowa.gov/) for more detailed data and documentation.*

2) *In order to avoid confusion arising from differences between Iowa Department of Education and U.S. Census Bureau practices for reporting race and ethnicity, enrollment figures by specific race group are not reported here. More detailed tabulations of enrollment by race may be obtained directly from the Iowa Department of Education Website (http://educateiowa.gov/).*

3) *Small Area Income and Poverty Estimates (SAIPE), U.S. Census Bureau, 2011. SAIPE data are reported using point estimates for district-level poverty rates and a 90-percent confidence interval for the state-level rate. See the Data Notes for more information about the sources of poverty data appearing in this report.*

District Quick Facts, continued

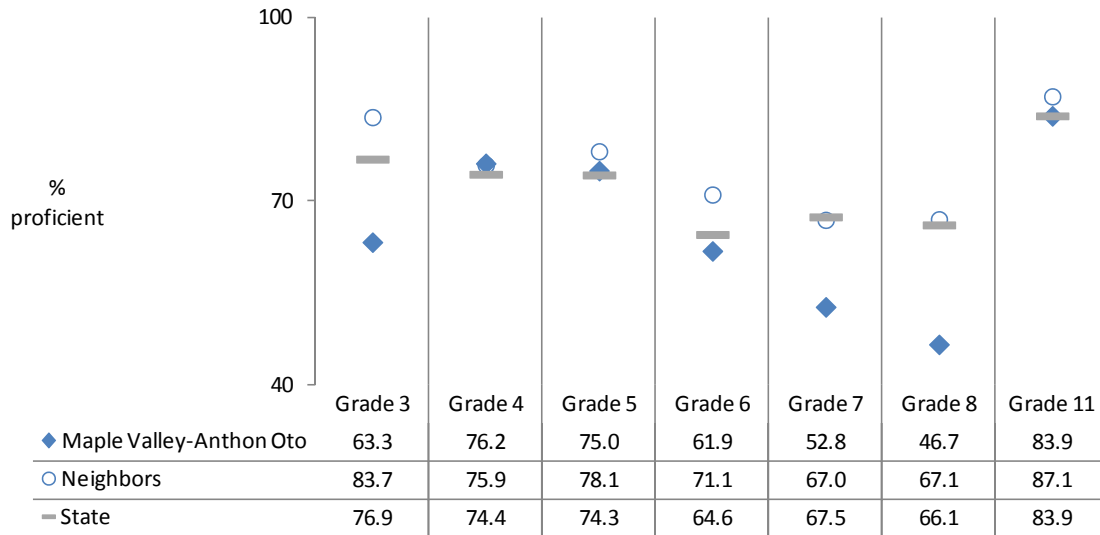|	Maple Valley-Anthon Oto	Neighboring Districts	State of Iowa
Property Tax Rates [4]			
School district property tax rate per $1,000 valuation......................................	$10.90	$13.36	$15.01
Teaching Staff [5]			
Full-time teachers..	59		
with teaching position codes (TPC)..	45		
Part-time teachers..	0		
All other teachers, including shared positions..	1		
Student-to-Staff Ratios			
Certified enrollment..	695		
Ratio of certified enrollment to full-time teachers.................................	11.8	12.6	14.0
Ratio of certified enrollment to full-time teachers w/TPC....................	15.4	16.9	16.6
Teacher Salaries [6]			
Average regular salary ($) for full-time teachers w/TPC..........................	45,175	46,039	51,017
Average total salary ($) for full-time teachers w/TPC...........................	45,627	47,016	52,145
Minimum total salary ($) for full-time teachers w/TPC..........................	37,670	35,459	28,000
Maximum total salary ($) for full-time teachers w/TPC.........................	55,046	57,022	96,823
Teacher Education and Experience			
Number of full-time teachers with advanced degrees..........................	9		
Percentage of full-time teachers with advanced degrees...................	15.3	17.3	32.8
Average total years of experience for full-time teachers.....................	15.8	15.3	14.1
Average age in years of full-time teachers..	43.5	42.5	41.4
High School Graduation and Dropout Rates [7]			
4-year cohort graduation rate for the Class of 2012..............................	98.1	96.1	89.3
Dropout rate for students in Grades 9-12 during 2011-2012............................	1.7	0.7	3.2

Notes:

4) *Valuations for FY 2013 School Budgets, Iowa Department of Management.*

5) *Staff members with teaching position codes (TPC) may also serve in additional administrative or support capacities.*

6) *Regular salary covers direct position responsibilities and includes teacher salary supplement and professional development. Total salary includes regular salary plus extra salary paid for extracurricular and extra duties.*

7) *Graduates in the 4-year cohort include first-time 9th grade students in fall of 2008 who graduated in 2012 or before, plus students who transferred into that cohort and graduated in 2012 or before. Dropout rates measure the percentage of students in grades 9-12 who dropped out during the one-year period beginning October 1, 2011.*
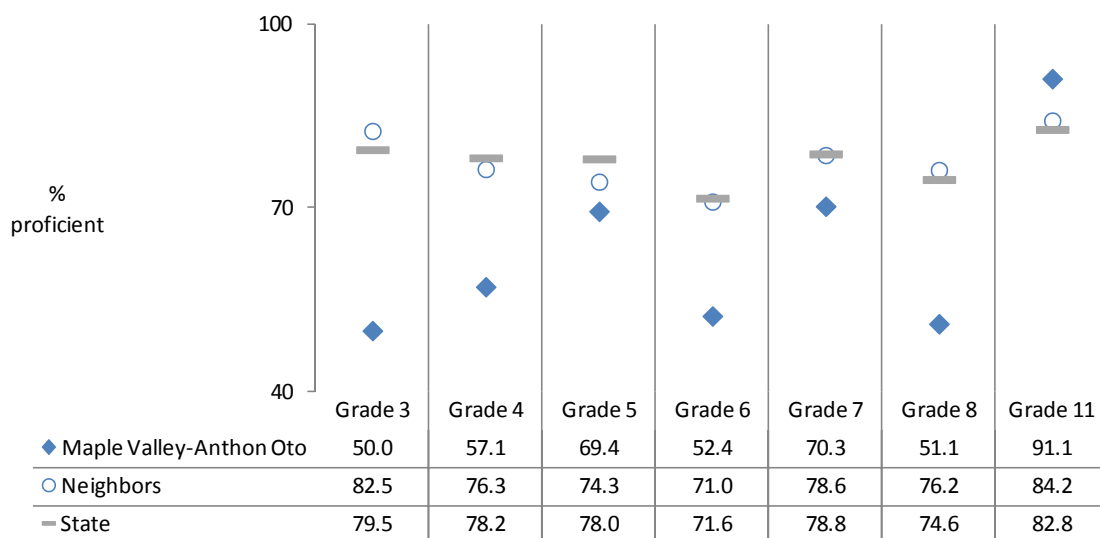
Adequate Yearly Progress (AYP) in Reading and Math

The Iowa Assessment Reading and Math Tests are used to evaluate adequate yearly progress of students in Iowa's school districts. The following charts illustrate the percentage of Maple Valley-Anthon Oto students designated as "proficient" or "advanced" in reading and math based on their standardized test scores for 2012. Source data were obtained from the Iowa Department of Education.

Reading Proficiency by Grade, 2012

	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 11
◆ Maple Valley-Anthon Oto	63.3	76.2	75.0	61.9	52.8	46.7	83.9
○ Neighbors	83.7	75.9	78.1	71.1	67.0	67.1	87.1
— State	76.9	74.4	74.3	64.6	67.5	66.1	83.9

Math Proficiency by Grade, 2012

|	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 11
◆ Maple Valley-Anthon Oto	50.0	57.1	69.4	52.4	70.3	51.1	91.1
○ Neighbors	82.5	76.3	74.3	71.0	78.6	76.2	84.2
— State	79.5	78.2	78.0	71.6	78.8	74.6	82.8

Recent Enrollment Trends

Maple Valley-Anthon Oto: PK-12 enrollment benchmarked to 1997-1998

898
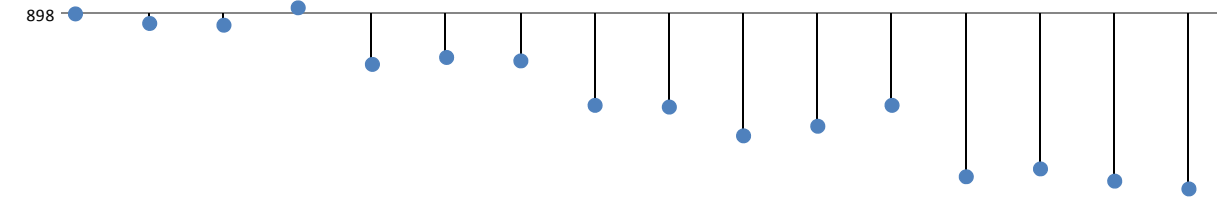
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
●	898	887	885	905	840	848	844	793	791	758	769	793	711	720	706	697

Neighboring Districts (aggregated total): PK-12 enrollment benchmarked to 1997-1998
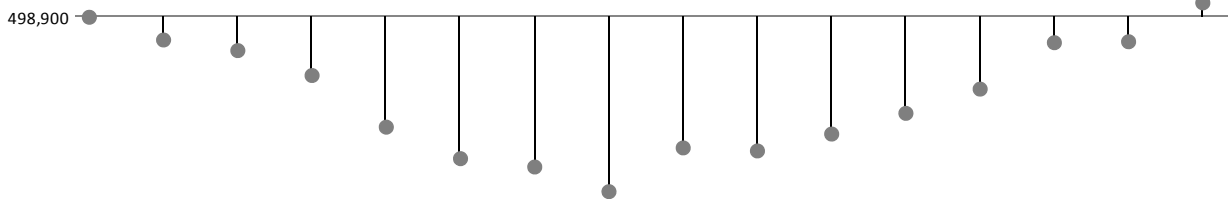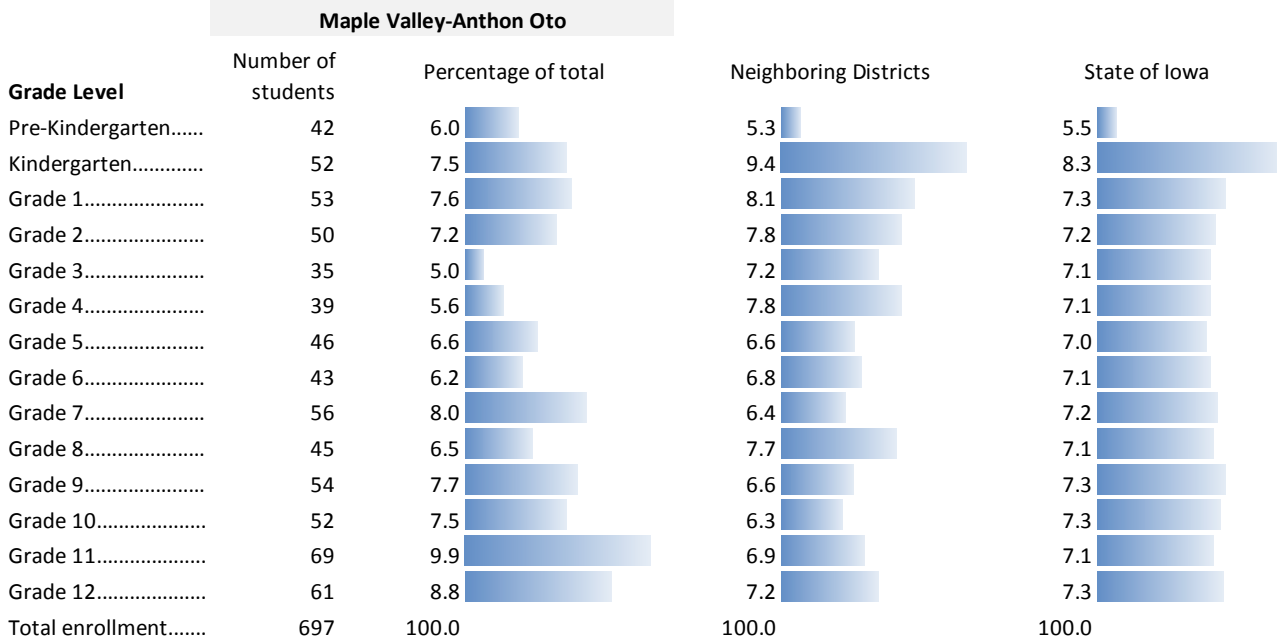
30,794
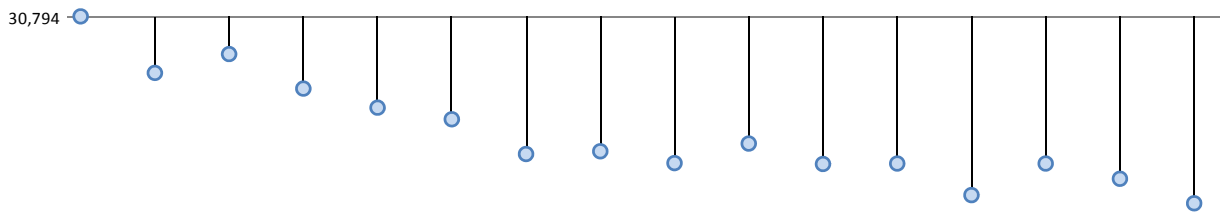
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
○	5,704	5,455	5,538	5,386	5,302	5,251	5,098	5,110	5,058	5,144	5,054	5,056	4,917	5,056	4,989	4,881

State of Iowa: PK-12 enrollment benchmarked to 1997-1998

498,900

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
●	498,900	496,214	494,962	492,022	485,932	482,210	481,226	478,319	483,482	483,122	485,115	487,559	490,417	495,897	496,009	500,601

# Enrollment and Percentage of Enrollment by Grade, 2012-2013

Grade Level	Maple Valley-Anthon Oto Number of students	Maple Valley-Anthon Oto Percentage of total	Neighboring Districts	State of Iowa
Pre-Kindergarten......	42	6.0	5.3	5.5
Kindergarten.............	52	7.5	9.4	8.3
Grade 1......................	53	7.6	8.1	7.3
Grade 2......................	50	7.2	7.8	7.2
Grade 3......................	35	5.0	7.2	7.1
Grade 4......................	39	5.6	7.8	7.1
Grade 5......................	46	6.6	6.6	7.0
Grade 6......................	43	6.2	6.8	7.1
Grade 7......................	56	8.0	6.4	7.2
Grade 8......................	45	6.5	7.7	7.1
Grade 9......................	54	7.7	6.6	7.3
Grade 10....................	52	7.5	6.3	7.3
Grade 11....................	69	9.9	6.9	7.1
Grade 12....................	61	8.8	7.2	7.3
Total enrollment.......	697	100.0	100.0	100.0

Projected Changes in Certified Enrollment
## as a percentage of 2012-2013)

The Iowa Department of Education projects an overall decline of of 3.6 percent in Maple Valley-Anthon Oto certified enrollment through the next five academic years, from a baseline of 695 students in 2012-2013.

Note: Certified enrollment may differ from total enrollment values reported elsewhere in this profile. See the Data Notes for more information.
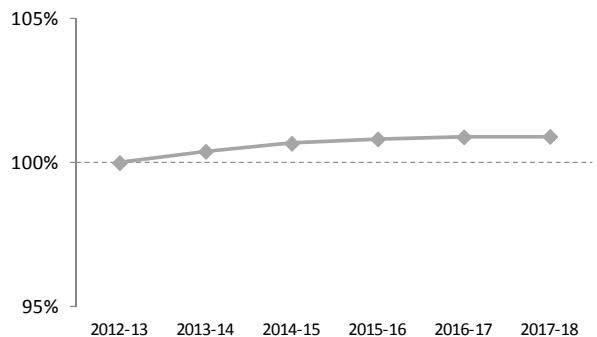
Maple Valley-Anthon Oto
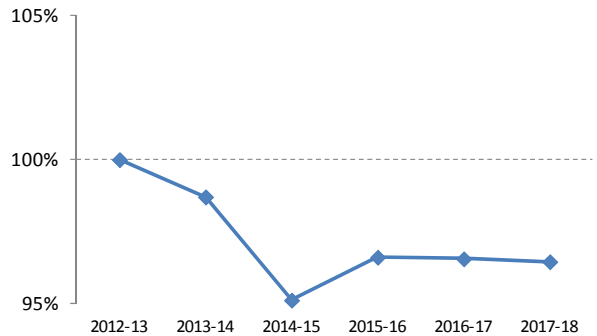
Neighbors (aggregated total)
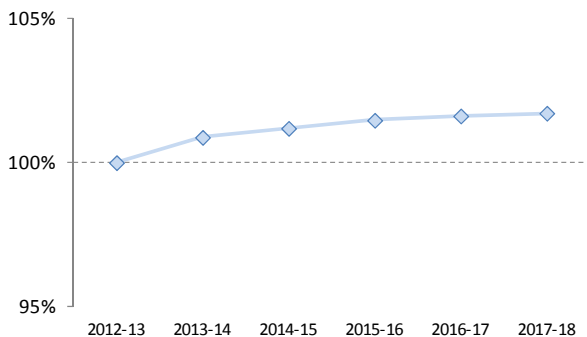
State of Iowa

2010 Census Demographic Summary, U.S. Census Bureau

The decennial population census, last conducted in 2010, provides the most accurate data available on school district population size; population by age, race, and ethnicity; and number and types of households and families. The following tables summarize 2010 Census data for Maple Valley-Anthon Oto.

	Maple Valley-Anthon Oto		Neighboring Districts	State of Iowa
	Number	*Percentage*		
Total population...	4,332			
Under 18 years of age...	1,048	24.2	24.1	23.9
Age 65 years or older...	979	22.6	19.6	14.9
Hispanic or Latino, any race..	54	1.2	2.0	5.0
Race other than White alone, regardless of Hispanic/Latino origin........	120	2.8	2.8	8.7
White alone, not Hispanic or Latino..............................	4,183	96.6	96.3	88.7
Households...	1,869			
In owner-occupied housing units................................	1,457	78.0	78.2	72.1
Family households...	1,187	63.5	67.9	64.7
Householder age 65 years or older..............................	542	29.0	25.1	19.3
Families with related children < 18 years of age............................	491			
Married couple families...	344	70.1	73.6	69.4
Female householder, no husband present.................	105	21.4	16.4	21.7

American Community Survey, U.S. Census Bureau

The American Community Survey (ACS) is an ongoing survey of households conducted by the U.S. Census Bureau. The ACS supplements the decennial census program by providing more up-to-date and detailed socio-economic data for the nation, states, and smaller geographic areas. Published ACS estimates for small areas such as school districts represent rolling averages of survey responses received during a five-year data collection period. The most recent ACS data release describes average conditions during 2007-2011.

ACS estimates are derived from a sample of the population, as opposed to a complete enumeration. To reflect the degree of sampling error inherent in the survey process, the Census Bureau reports a margin of error (MOE) value with each published ACS estimate. This report applies the MOE values in two ways: (1) to construct a 90-percent confidence interval showing lower and upper bounds for an estimate's likely values, and (2) to calculate a coefficient of variation (CV) score for each estimate. The CV score, a ratio of the standard error of an estimate to the estimate itself, provides a convenient way to evaluate whether the sampled population was of sufficient size to reasonably represent the true population.

The following tables contain ACS demographic and income data for the Maple Valley-Anthon Oto district, which was recently created through the merger of the Maple Valley and Anthon-Oto districts. *Note: ACS data tabulations are based on 2010 school district definitions; consequently, separate ACS profiles are presented for Maple Valley and Anthon-Oto.* All other data presented in this report reflect attributes of the combined district.

Readers should evaluate any published ACS estimate within context of its CV score, as indicated by a color-coded data quality flag. Estimates with a CV greater than 50 percent are not recommended for use; however, readers may decide for themselves whether the data quality for a given measure is adequate for their specific needs.

Demographic Profile, 2007-2011 American Community Survey

See Page 7 for more information about interpreting ACS data.

	Point Estimate	Range of Likely Values			Data Quality Flag
Maple Valley		Lower Bound		Upper Bound	
Total population...	2,940	2,745	...	3,135	⍰
Age 65 years or older (% of all persons)........................	24.1	20.8	...	27.4	⍰
Race and ethnicity (% of all persons)					
White alone...	99.0	98.2	...	99.8	⍰
Black alone..	0.0	0.0	...	0.8	⍰⍰⍰
American Indian/Alaska Native alone..............................	0.5	0.0	...	1.2	⍰⍰⍰
Asian alone...	0.0	0.0	...	0.8	⍰⍰⍰
Native Hawaiian/Other Pacific Islander alone.................	0.0	0.0	...	0.8	⍰⍰⍰
Other race alone..	0.0	0.0	...	0.8	⍰⍰⍰
Two or more races...	0.4	0.0	...	1.0	⍰⍰⍰
Hispanic, any race...	0.4	0.0	...	1.2	⍰⍰⍰
Educational attainment (% of adults age 25 years or older)					
High school diploma or equivalent.................................	86.3	83.7	...	88.9	⍰
Bachelor's degree or higher...	13.1	10.4	...	15.8	⍰
Children in households by family type (number of children)					
Total children...	688	573	...	803	⍰
In married couple family..	435	338	...	532	⍰
Male householder, no wife present................................	120	38	...	202	⍰⍰
Female householder, no husband present (NHP)..............	133	60	...	206	⍰⍰
Non-family household..	0	0	...	74	⍰⍰⍰
Children by employment status of parents					
Number of own children < 6 years with all parents in labor force.................	198	127	...	269	⍰
Percentage of own children < 6 years with all parents in labor force............	90.8	82.8	...	98.8	⍰
Number of own children 6-17 years with all parents in labor force..............	383	309	...	457	⍰
Percentage of own children 6-17 years with all parents in labor force.........	92.5	87.7	...	97.3	⍰

DATA QUALITY KEY

Flag	Degree of uncertainty based on coefficient of variation (CV) score	Guidelines for data use
⍰	Acceptable degree of uncertainty (CV < 25 percent)	Use data with relative confidence
⍰⍰	Moderate degree of uncertainty (CV = 25 to 50 percent)	Use data with caution
⍰⍰⍰	High degree of uncertainty (CV > 50 percent)	Data use is NOT recommended

Demographic Profile, 2007-2011 American Community Survey

See Page 7 for more information about interpreting ACS data.

	Point Estimate	Range of Likely Values Lower Bound		Range of Likely Values Upper Bound	Data Quality Flag
Anthon-Oto					
Total population..	1,630	1,447	...	1,813	⍰
Age 65 years or older (% of all persons)................	18.3	14.9	...	21.7	⍰
Race and ethnicity (% of all persons)					
White alone..	97.9	96.2	...	99.6	⍰
Black alone..	0.0	0.0	...	1.4	⍰⍰⍰
American Indian/Alaska Native alone............................	0.5	0.0	...	1.4	⍰⍰⍰
Asian alone..	0.4	0.0	...	0.8	⍰⍰⍰
Native Hawaiian/Other Pacific Islander alone..................	0.0	0.0	...	1.4	⍰⍰⍰
Other race alone..	0.0	0.0	...	1.4	⍰⍰⍰
Two or more races..	1.2	0.0	...	2.5	⍰⍰⍰
Hispanic, any race...	0.4	0.0	...	0.8	⍰⍰⍰
Educational attainment (% of adults age 25 years or older)					
High school diploma or equivalent................................	90.2	87.4	...	93.0	⍰
Bachelor's degree or higher......................................	15.3	12.0	...	18.6	⍰
Children in households by family type (number of children)					
Total children..	407	308	...	506	⍰
In married couple family...	322	228	...	416	⍰
Male householder, no wife present................................	28	6	...	50	⍰⍰
Female householder, no husband present (NHP).....................	57	30	...	84	⍰⍰
Non-family household..	0	0	...	74	⍰⍰⍰
Children by employment status of parents					
Number of own children < 6 years with all parents in labor force................	106	62	...	150	⍰⍰
Percentage of own children < 6 years with all parents in labor force...........	80.3	64.8	...	95.8	⍰
Number of own children 6-17 years with all parents in labor force..............	221	160	...	282	⍰
Percentage of own children 6-17 years with all parents in labor force.........	87.7	80.6	...	94.8	⍰

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Income Profile, 2007-2011 American Community Survey

See Page 7 for more information about interpreting ACS data.

		Range of Likely Values			
Maple Valley	Point Estimate	Lower Bound		Upper Bound	Data Quality Flag
Income characteristics ($)					
Median household income..	42,804	38,906	...	46,702	⍰
Mean household income...	51,976	48,347	...	55,605	⍰
Median family income..	55,234	47,640	...	62,828	⍰
Mean family income...	64,571	58,730	...	70,412	⍰
Per capita income..	23,784	22,029	...	25,539	⍰
Families in poverty (number of families)					
All families in poverty...	75	35	...	100	⍰⍰
Married couple families in poverty.................................	6	0	...	12	⍰⍰⍰
Male householder no wife present with related children in poverty.............	0	0	...	74	⍰⍰⍰
Female householder NHP with related children in poverty...........................	42	14	...	70	⍰⍰
Families at selected ratios of income to poverty level (number of families)					
Under 130%...	102	57	...	100	⍰⍰
130% to 149%..	26	3	...	49	⍰⍰⍰
150% to 184%..	55	29	...	81	⍰⍰
Poverty rates for selected family types (% in poverty)					
Families with related children under 18 years.................	14.6	6.4	...	22.8	⍰⍰
Female householder NHP w/related children under 18 years........................	68.9	48.6	...	89.2	⍰
Child poverty rates* (% in poverty)					
All children..	15.7	5.8	...	25.6	⍰⍰
Related children under 5 years of age.............................	0.0	0.0	...	12.2	⍰⍰⍰
Related children ages 5-17 years...................................	21.6	8.7	...	34.5	⍰⍰

*Note: The child poverty rates reported above may differ from the single-year estimates reported on Page 2, which were obtained from the Small Area Income and Poverty Estimates (SAIPE) program, U.S. Census Bureau. SAIPE estimates, which the Census Bureau considers more precise, are used for Title I allocations to school districts.

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Income Profile, 2007-2011 American Community Survey

See Page 7 for more information about interpreting ACS data.

	Point Estimate	Range of Likely Values			Data Quality Flag
Anthon-Oto		Lower Bound		Upper Bound	
Income characteristics ($)					
Median household income	44,259	41,024	...	47,494	⁇
Mean household income	54,910	50,427	...	59,393	⁇
Median family income	54,219	50,646	...	57,792	⁇
Mean family income	65,649	59,624	...	71,674	⁇
Per capita income	23,020	20,750	...	25,290	⁇
Families in poverty (number of families)					
All families in poverty	9	0	...	18	⁇⁇⁇
Married couple families in poverty	1	0	...	5	⁇⁇⁇
Male householder no wife present with related children in poverty	0	0	...	74	⁇⁇⁇
Female householder NHP with related children in poverty	2	0	...	5	⁇⁇⁇
Families at selected ratios of income to poverty level (number of families)					
Under 130%	31	16	...	46	⁇⁇
130% to 149%	43	20	...	66	⁇⁇
150% to 184%	19	6	...	32	⁇⁇
Poverty rates for selected family types (% in poverty)					
Families with related children under 18 years	1.5	0.0	...	4.2	⁇⁇⁇
Female householder NHP w/related children under 18 years	6.7	0.0	...	16.7	⁇⁇⁇
Child poverty rates* (% in poverty)					
All children	4.1	0.1	...	8.1	⁇⁇⁇
Related children under 5 years of age	7.6	0.0	...	16.6	⁇⁇⁇
Related children ages 5-17 years	3.0	0.0	...	6.0	⁇⁇⁇

*Note: The child poverty rates reported above may differ from the single-year estimates reported on Page 2, which were obtained from the Small Area Income and Poverty Estimates (SAIPE) program, U.S. Census Bureau. SAIPE estimates, which the Census Bureau considers more precise, are used for Title I allocations to school districts.

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⁇⁇⁇	High degree of uncertainty (CV > 50 percent)	Data use is NOT recommended

Neighboring District Comparison Charts

Total PK-12 Enrollment, 2012-2013
(Iowa Department of Education)

District	Enrollment
Schleswig	193
Whiting	237
Charter Oak-Ute	328
River Valley	443
Kingsley-Pierson	453
Westwood	567
Woodbury Central	623
Lawton-Bronson	644
West Monona	692
Maple Valley-Anthon Oto	697
Battle Creek-Ida Grove	701
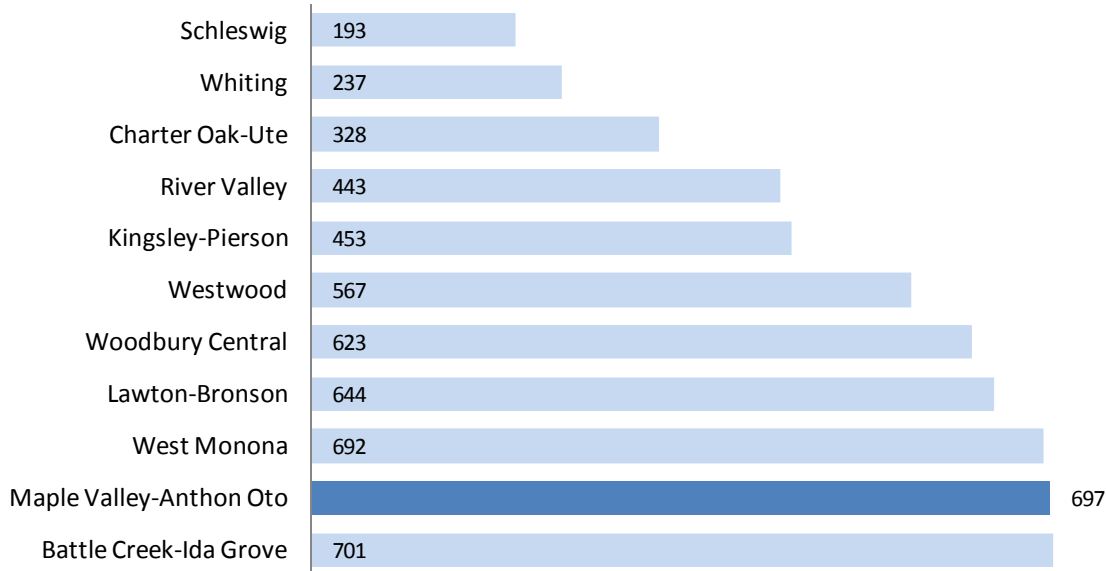
Ten-Year Percentage Change in PK-12 Enrollment, 2002-2003 to 2012-2013
(Iowa Department of Education)

District	% Change
Schleswig	7.8%
Whiting	6.8%
Charter Oak-Ute	5.8%
River Valley	- 19.6%
Kingsley-Pierson	- 9.8%
Westwood	- 20.6%
Woodbury Central	1.3%
Lawton-Bronson	5.7%
West Monona	- 5.2%
Maple Valley-Anthon Oto	- 17.8%
Battle Creek-Ida Grove	- 14.4%
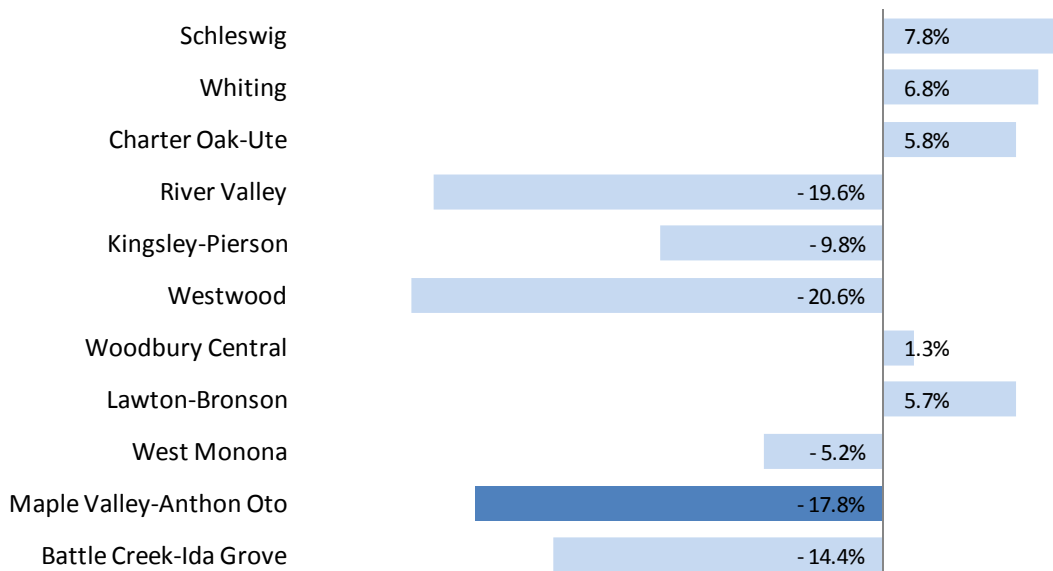
Neighboring District Comparison Charts

Percentage of School-Age Children in Families in Poverty, 2011 (SAIPE, U.S. Census Bureau)

District	Percentage
Schleswig	11.6%
Whiting	13.5%
Charter Oak-Ute	18.1%
River Valley	34.2%
Kingsley-Pierson	9.9%
Westwood	9.9%
Woodbury Central	6.8%
Lawton-Bronson	6.2%
West Monona	18.3%
Maple Valley-Anthon Oto	19.2%
Battle Creek-Ida Grove	18.8%
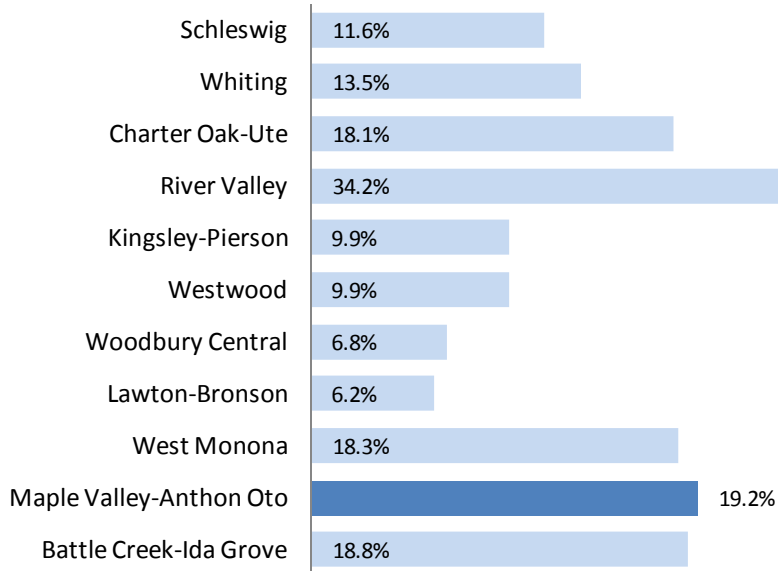
Percentage of Students Eligible for Free or Reduced-Price Lunch, 2012-2013 (Iowa Department of Education)

District	Percentage
Schleswig	55.4%
Whiting	52.3%
Charter Oak-Ute	47.9%
River Valley	49.2%
Kingsley-Pierson	28.5%
Westwood	35.8%
Woodbury Central	17.3%
Lawton-Bronson	21.4%
West Monona	51.2%
Maple Valley-Anthon Oto	51.2%
Battle Creek-Ida Grove	37.2%
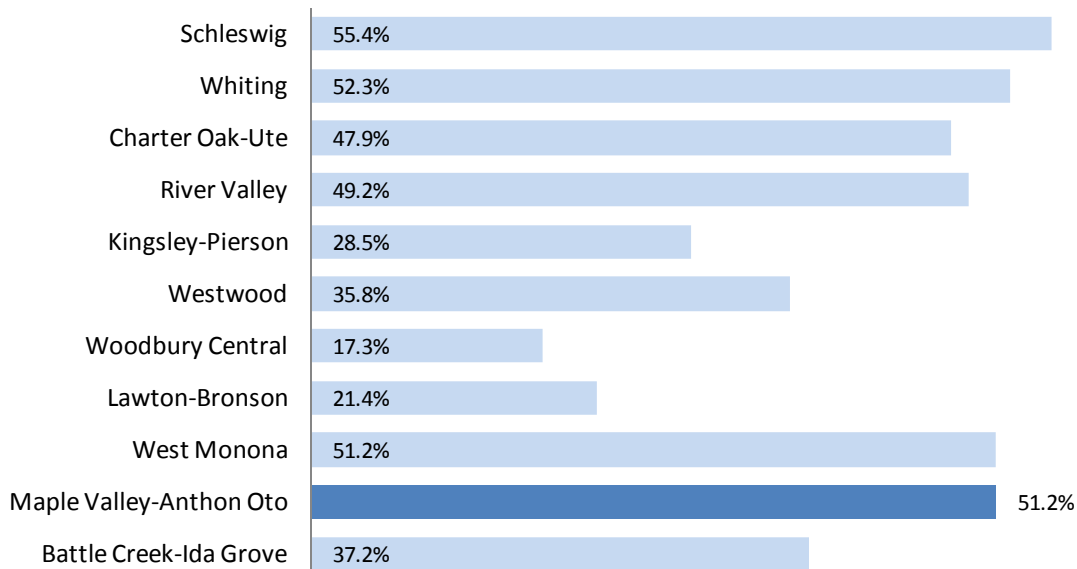
Neighboring District Comparison Charts

Minority Group Percentage Share of PK-12 Enrollment, 2012-2013
(Iowa Department of Education)

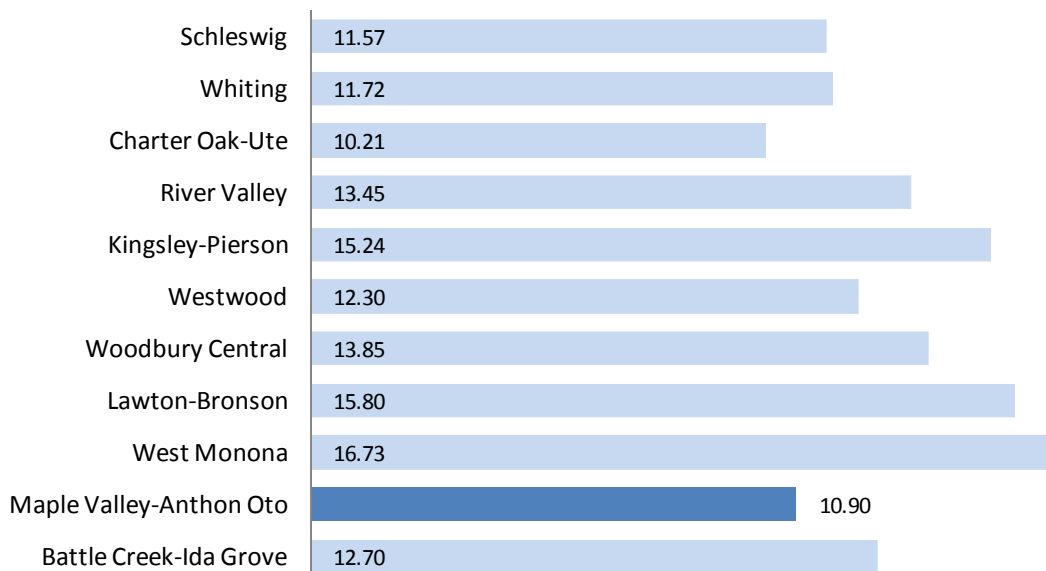| District	Percentage
Schleswig	19.2%
Whiting	6.8%
Charter Oak-Ute	3.7%
River Valley	6.1%
Kingsley-Pierson	6.2%
Westwood	10.1%
Woodbury Central	6.1%
Lawton-Bronson	7.0%
West Monona	7.8%
Maple Valley-Anthon Oto	7.5%
Battle Creek-Ida Grove	4.6%
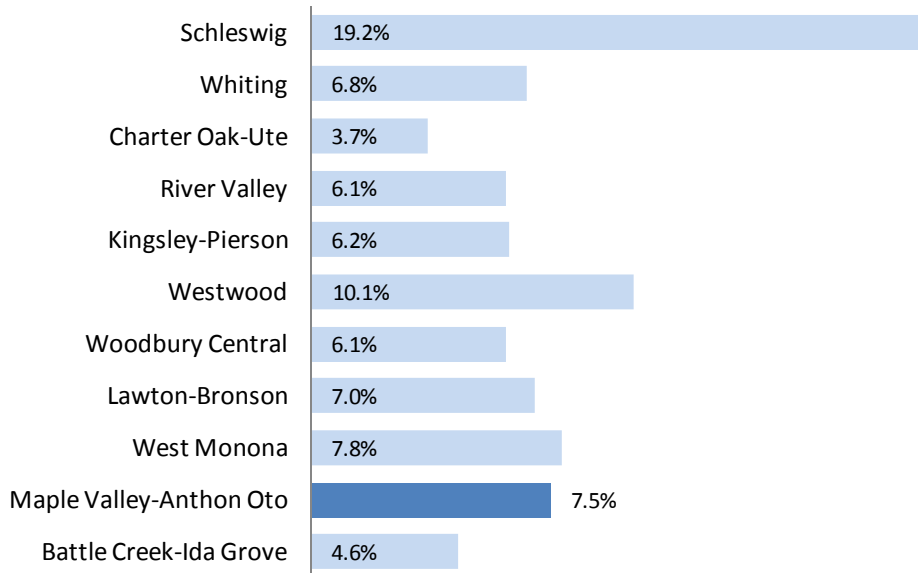
School District Property Tax Rate Per $1,000 Valuation, FY 2013
(Iowa Department of Management)

District	Rate
Schleswig	11.57
Whiting	11.72
Charter Oak-Ute	10.21
River Valley	13.45
Kingsley-Pierson	15.24
Westwood	12.30
Woodbury Central	13.85
Lawton-Bronson	15.80
West Monona	16.73
Maple Valley-Anthon Oto	10.90
Battle Creek-Ida Grove	12.70

Iowa State University
Department of Economics

Iowa Community Indicators Program
Liesl Eathington
175 Heady Hall
Ames, Iowa 50011

Phone: 515-294-2954
Fax: 515-294-0592
E-mail: leathing@iastate.edu

www.icip.iastate.edu

Data Notes and Sources

- ***Current and historical enrollment*** data were obtained from the Iowa Department of Education's Basic Educational Data Survey (BEDS) tabulations. These values may differ from *certified* enrollment totals, which are used for allocation of state funding and other administrative purposes.

- ***Projected enrollment*** data, describing expected short-term changes in certified enrollment, were obtained from the Iowa Department of Education.

- ***Adequate Yearly Progress (AYP), teaching staff, and student*** data such as eligibility for Free or Reduced School Lunch and English language proficiency were obtained from the Iowa Department of Education.

- ***Property tax rates*** were obtained from the Iowa Department of Management.

- ***Poverty*** data were obtained from the Small Area Income and Poverty Estimates (SAIPE) and American Community Survey programs, both administered by the U.S. Census Bureau. The SAIPE estimates are preferred for official reporting of student poverty rates and for allocation of Title I funding. The ACS data provide additional detail to help characterize poverty levels among individuals and families within the district.

- ***Other population and income data*** were obtained from the 2010 Census and the American Community Survey, U.S. Census Bureau.