

**Geneseo Community
Unit School District
#228**

Freshman Academy Evaluation



ECRA Group, Inc.
January 2013



District 228 Freshman Academy Growth Evaluation

Executive Summary

Purpose

The purpose of this report is to examine ninth grade student growth in District 228 among students who participated in the Freshman Academy during the 2009-2012 school years. Growth for all students identified as participating in the Freshman Academy at District 228 was compared with previous years' growth among historical District 228 students on PLAN. Growth was evaluated both by year in the program as well as by program type. The three program types were Strategies for Academic Success (SAS), Special Education Student (Sped) and Attended Freshman Academy but were not in the other categories (AFA).

Summary of Findings

Based on the analysis of student ISAT, EXPLORE, and PLAN data presented in this report, results suggest that:

- *Program-level Growth* – Overall growth of students in the Freshman Academy was typical by subject, program, and graduation year with the exception of students graduating in 2015 who achieved lower than expected growth in English. While there was generally higher than expected growth observed among students in Special Education in math, reading, and science, because there were only 6 students in this category, this growth was not statistically significantly greater than zero. There was no pattern observed and conclusions could also not be drawn for students in the Strategies for Academic Success program at this time due to the small number of participants.

Methods

ISAT, EXPLORE and PLAN data from District 228 between 2008 and 2012 were used to build a local growth model that reflects typical student growth. Through this model, each ninth grade student who has attended the Freshman Academy between 2009 and 2012 was assigned a propensity score based on his or her historical ISAT and EXPLORE scores. The propensity score indicates the expected achievement for that student on the PLAN ninth grade assessment. To evaluate student growth, District 228 students' actual PLAN test scores were compared to the expected values provided by the prediction model.



Program Growth Summary: By Program

District:

DISTRICT 228 GENESEO

Subject:

All Subjects

Overall Growth

- 0.07



Expected Growth

Criterion: **2009-2012 PLAN data**

Evaluation Year: **2009-2012**

From: **Propensity Score based on ISAT and EXPLORE data**

Growth Comparison Group: **Local District**

Student Growth by Program

Program	Number of Students	% High Growth	% Expected Growth	% Low Growth	Value-Added Growth
AFA	45	15%	66%	19%	- 0.12
AFA/SAS	4	6%	81%	13%	***
AFA/SpEd	6	33%	50%	17%	+ 0.42*
ALL		17%	65%	18%	- 0.07
EXPECTED		16%	68%	16%	0

***Percentages may not add to 100 due to rounding*

****Growth not reported for groups with 5 or fewer students*



**Higher than
Expected Growth**
Growth +.30
or Above



Expected Growth
Growth between
-.29 and +.29



**Lower than
Expected Growth**
Growth between
-.30 and -.59



**Unsatisfactory
Growth**
Growth -.60
or Below

* Dot color is green for all value-added growth scores that are not statistically significant





Program Growth Summary: By Year

District:

DISTRICT 228 GENESEO

Subject:

All Subjects

Criterion: **2009-2012 PLAN data**

Evaluation Year: **2009-2012**

From: **Propensity Score based on ISAT and EXPLORE data**

Growth Comparison Group: **Local District**

Overall Growth

- 0.07



Expected Growth

Student Growth by Graduation Year

Year	Number of Students	% High Growth	% Expected Growth	% Low Growth	Value-Added Growth
2013	23	18%	65%	18%	- 0.04
2014	18	23%	63%	16%	+ 0.06
2015	14	7%	70%	23%	- 0.28
ALL		17%	65%	18%	- 0.07
EXPECTED		16%	68%	16%	0

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Growth**
Growth -.60
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Program Growth Summary: By Program

District:

DISTRICT 228 GENESEO

Subject:

ENGLISH

Overall Growth

- 0.13



Expected Growth

Criterion: **PLAN data**

Evaluation Year: **2009-2012**

From: **Propensity Score based on ISAT and EXPLORE data**

Growth Comparison Group: **Local District**

Student Growth by Program

Program	Number of Students	% High Growth	% Expected Growth	% Low Growth	Value-Added Growth
AFA	44	11%	68%	20%	- 0.1
AFA/SAS	4	0%	75%	25%	***
AFA/SpEd	6	17%	67%	17%	+ 0.15
ALL		11%	68%	20%	- 0.13
EXPECTED		16%	68%	16%	0

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Program Growth Summary: By Program

District:

DISTRICT 228 GENESEO

Subject:

MATHEMATICS

Overall Growth

- 0.05



Expected Growth

Criterion: **PLAN** data

Evaluation Year: **2009-2012**

From: **Propensity Score based on ISAT and EXPLORE data**

Growth Comparison Group: **Local District**

Student Growth by Program

Program	Number of Students	% High Growth	% Expected Growth	% Low Growth	Value-Added Growth
AFA	44	23%	55%	23%	- 0.17
AFA/SAS	4	25%	50%	25%	***
AFA/SpEd	6	50%	33%	17%	+ 0.75*
ALL		26%	52%	22%	- 0.05
EXPECTED		16%	68%	16%	0

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-.30 and -.59



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Program Growth Summary: By Program

District:

DISTRICT 228 GENESEO

Subject:

READING

Overall Growth

- 0.17



Expected Growth

Criterion: **PLAN data**

Evaluation Year: **2009-2012**

From: **Propensity Score based on ISAT and EXPLORE data**

Growth Comparison Group: **Local District**

Student Growth by Program

Program	Number of Students	% High Growth	% Expected Growth	% Low Growth	Value-Added Growth
AFA	45	7%	78%	16%	- 0.25
AFA/SAS	4	0%	100%	0%	***
AFA/SpEd	6	33%	50%	17%	+ 0.31*
ALL		9%	77%	15%	- 0.17
EXPECTED		16%	68%	16%	0

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Growth +.30 or Above



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Growth between -.29 and +.29



Lower than Expected Growth
Growth between -.30 and -.59



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Growth -.60 or Below

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Program Growth Summary: By Program

District:

DISTRICT 228 GENESEO

Subject:

SCIENCE

Overall Growth

+ 0.08



Expected Growth




Criterion: **PLAN data**

Evaluation Year: **2009-2012**

From: **Propensity Score based on ISAT and EXPLORE data**

Growth Comparison Group: **Local District**

Student Growth by Program

Program	Number of Students	% High Growth	% Expected Growth	% Low Growth	Value-Added Growth
AFA	45	20%	62%	18%	+ 0.03 
AFA/SAS	4	0%	100%	0%	***
AFA/SpEd	6	33%	50%	17%	+ 0.46* 
ALL		20%	63%	17%	+ 0.08 
EXPECTED		16%	68%	16%	0

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Program Growth Summary: By Year

District:

DISTRICT 228 GENESEO

Subject:

ENGLISH

Overall Growth

- 0.13



Expected Growth

Criterion: **PLAN** data

Evaluation Year: **2009-2012**

From: **Propensity Score based on ISAT and EXPLORE data**

Growth Comparison Group: **Local District**

Student Growth by Graduation Year

Year	Number of Students	% High Growth	% Expected Growth	% Low Growth	Value-Added Growth	
2013	23	9%	78%	13%	- 0.03	
2014	17	18%	71%	12%	+ 0.16	
2015	14	7%	50%	43%	- 0.63	
ALL		11%	69%	20%	- 0.13	
EXPECTED		16%	68%	16%	0	

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Program Growth Summary: By Year

District:

DISTRICT 228 GENESEO

Subject:

MATHEMATICS

Overall Growth

- 0.05



Expected Growth

Criterion: **PLAN** data

Evaluation Year: **2009-2012**

From: **Propensity Score based on ISAT and EXPLORE data**

Growth Comparison Group: **Local District**

Student Growth by Graduation Year

Year	Number of Students	% High Growth	% Expected Growth	% Low Growth	Value-Added Growth
2013	22	32%	41%	27%	- 0.14
2014	18	28%	56%	17%	+ 0.07
2015	14	14%	64%	21%	- 0.05
ALL		26%	52%	22%	- 0.05
EXPECTED		16%	68%	16%	0

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Program Growth Summary: By Year

District:

DISTRICT 228 GENESEO

Subject:

READING

Overall Growth

- 0.17



Expected Growth





Criterion: **PLAN** data

Evaluation Year: **2009-2012**

From: **Propensity Score based on ISAT and EXPLORE** data

Growth Comparison Group: **Local District**

Student Growth by Graduation Year

Year	Number of Students	% High Growth	% Expected Growth	% Low Growth	Value-Added Growth
2013	23	9%	74%	17%	- 0.27 
2014	18	17%	67%	17%	- 0.07 
2015	14	0%	93%	7%	- 0.15 
ALL		9%	77%	14%	- 0.17 
EXPECTED		16%	68%	16%	0

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Program Growth Summary: By Year

District:

DISTRICT 228 GENESEO

Subject:

SCIENCE

Overall Growth

+ 0.08



Expected Growth

Criterion: **PLAN** data

Evaluation Year: **2009-2012**

From: **Propensity Score based on ISAT and EXPLORE** data

Growth Comparison Group: **Local District**

Student Growth by Graduation Year

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