

# Best Practices for Using Data to improve student outcomes

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# Our Goal

- \* **To share with you best practices for collecting, using, and analyzing data during the year to improve student outcomes**
- \* **Our goal for you...**
  - \* **That you come away from this session with at least ONE idea, example, or action plan that you can implement with your GEAR UP program this upcoming year!**

# When are reports prepared

<b>Frequency</b>	<b>Examples</b>
Bi-annual or greater	Bi-Annual Reports, Trend Reports, FPR
Annual	APR, CCREC, State Reporting, Annual Evaluation review
Semi-annual or Quarterly	Status Reports, Service Delivery, Pivot Tables, School Overview, Service Delivery
Monthly	Status Reports, Monthly Closeout, Enrollment
Weekly/Adhoc	Survey completion, review of school progress, student progress, GEAR UP service delivery

# Why are these reports prepared

- \* **Accountability/Monitoring**
- \* **Continuous Improvement**
- \* **Planning and Whole School Reform**
- \* **Targeting interventions to students**

# What data is used for Reports

- \* **Service Participation Data (Frequency and Dosage)**
- \* **Student Transcripts (Courses and Grades)**
- \* **Assessments (ACT, State Assessments, etc..)**
- \* **Surveys**
- \* **Professional Development for Teachers**

# AZ Data Requirements



**ARIZONA GEAR UP**  
Gaining Early Awareness and Readiness for Undergraduate Programs



## Overview of GEAR UP Data Requirements

### Data Provided by Data Liaisons:

- ✓ **Names and demographic information** for all GEAR UP students in agreed-upon format; for initial cohort, by date provided to Data Liaisons.
- ✓ **Enrollment codes and associated dates** reflecting GEAR UP students' withdrawals from and returns to school, monthly.
- ✓ **Names and demographic information** for any new GEAR UP students, in agreed-upon format, monthly.
- ✓ **GEAR UP Teachers and Courses**, by dates provided to Data Liaisons.
- ✓ **Attendance data** for all GEAR UP students, by dates provided to Data Liaisons.
- ✓ **Year-End Status codes** for all GEAR UP students, by date provided to Data Liaisons.
- ✓ **Test results** for all GEAR UP students, by dates provided to Data Liaisons. (Tests vary year-to-year, but may include AIMS, EXPLORE, Aspire, ACT, SAT, and others)
- ✓ **Courses & Grades** for all GEAR UP students in agreed-upon format, by dates provided to Data Liaisons.
- ✓ **Credits Earned, GPA and Class rank** – by dates provided to Data Liaisons.

### Data Provided by Site Coordinators:

- ✓ **Sign-in sheets/rosters and weekly individual service logs** documenting student and parent services / participation, on a weekly basis.
- ✓ **PEPS Checklists**, on a weekly basis.
- ✓ **Professional Development Report**, monthly, when applicable.

# Semi-Annual / Quarterly

- \* **Enrollment/Demographic**
- \* **Marking Period Grades**
- \* **Infographic (compilation of multiple data points)**

# Infographic

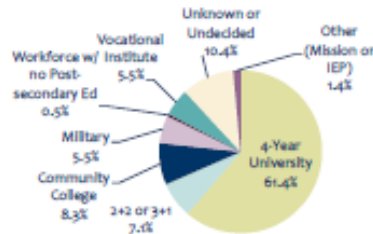
## GEAR UP at Bradshaw Mountain High School

2014 - 2015

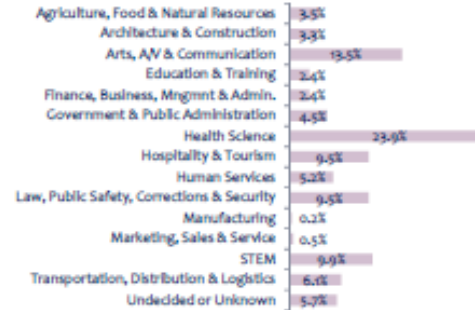
- 428 GEAR UP students are enrolled at Bradshaw Mountain High School (as of 3/18/2015).
- 244 or 57% of these students have been in GEAR UP since the beginning of 7th grade.
- 3 or 0.7% are English Language Learners.



### Students' educational pathways

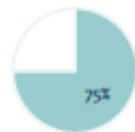


### Students' career interests

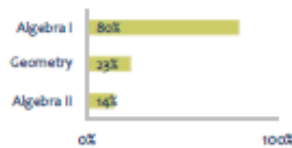


### Academic readiness

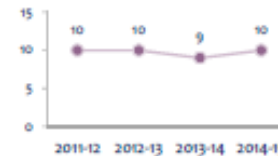
% on track for graduation by course credits earned as of the end of the 1st semester in 9th grade (n=430)



% completed or are on track to complete Math courses as of the end of the 1st semester of 9th grade (n=430)



# of AP courses available at Bradshaw Mountain High School



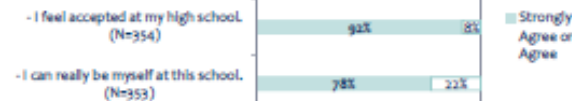
### School engagement

Drop-outs (as of 3/18/2015)

- W2 - Chronic Illness 0
- W3 - Expelled 0
- W4 - Status Unknown 0
- W5 - Dropped Out 0

Attendance (as of 4/16/15)

Sense of belonging reported on 2014-15 GEAR UP student surveys





# Grade Evaluation

Subject						
Mathematics	Stu#	MP 1	MP 2	MP 3	MP 4	MP FNL
ALGEBRA CC	10	72.8	66.5	70.3	68.7	65.1
APPLIED ALGEBRA 1 CC	8	67.125	62.125	61.5	67.75	64.125
APPLIED ALGEBRA 1/ELL CC	8	66.75	64.875	68.875	65.375	69.25
APPLIED ALGEBRA 2 (ELL) CC	21	70.77344	69.62109	72.27734	72.07422	70.88281
APPLIED ALGEBRA 2 CC	66	71.90909	70.68182	70.43939	72.65152	70.43939
APPLIED GEOMETRY CC	42	79.2619	70.33333	77.35714	79.88095	74.2619
BRIDGES MATH/ELL	7	77	75.42857	75	73.85714	75.71429
GEOMETRY CC	51	80.4902	74.11765	74.43137	74.98039	74.21569
Geometry Honors CC	9	90	80.44444	86.44444	82	81.33333
GEOMETRY R	4	86.5	80.75	78.5	81.5	80
INTRO TO TRIG AND ALG 2	1	87	83	91	86	87
TRIG AND ALGEBRA 2R	16	73.5625	79	79.5	77.5625	75.75
TRIG AND ALGEBRA 2R HONORS	11	93.09091	90.81818	85	87.54545	86.63636

# Project Services by Program

Project Services for Students - Other Details				
Service Description	# of Students Receiving Service	Avg Hours of Service Per Student Receiving Service	Median Hours of Service Per Student Receiving Service	Total Hours of Service
After School - Dance Theater Club	33	3.27	1.50	108.00
After School - Drama Club	19	1.90	1.50	36.17
After School - Girls Uncut	7	2.04	1.25	14.25
After School - Girls, Inc	35	4.07	4.50	142.50
After School - Homework Club	97	3.00	1.83	290.91
After School - Other: One Time Activities	6	1.50	1.50	9.00
After School - School Culture Club	28	3.21	1.50	89.75
After School - Writing Center	5	5.20	2.00	26.00
Book Club	2	1.50	1.00	3.00
Girls UnCut	9	4.19	1.13	37.75
MAAX - Alternative Lesson	868	2.01	0.75	1740.58
MAAX - Applying to College	121	0.89	0.75	107.25
MAAX - Beating Tests!	194	0.83	0.75	160.50
MAAX - Charting Your Course Through High School	197	0.77	0.75	152.67
MAAX - Cliques, Crews and Cool Choices	483	0.76	0.75	365.08

# Monthly

- \* **Drop-in Tutoring**
- \* **Attendance tracking**
- \* **Service Delivery**
- \* **PEPS completion**
- \* **Service Provider Reports**
- \* **Participation Report**

# Participation Report

AZ GEAR UP Participation Report for the month of: February 2015

## Student Data

Site	# of Enrolled Students in Month	# of students who participated in:											Hours	
		Tutoring	Mentoring	Financial Aid Advising	Counseling / Advising (inc. PEPS)	College Visits	Job Site Visits / Job Shadowing	Summer Programs	Educational Field Trips	Workshops	Family Events	Other *	Total Student Participation Hours in Month	Avg. Participation hours per student
All Sites	4270	738	19	60	1248	104			10	1247	23	162	6403.78	1.50
School A	434	4	1	33	46					37		115	289.05	0.67
School B	500	60		1	149					154			449.03	0.90
School C	34	11			8								30.83	0.91
School D	362	174			42							15	368.33	1.02
School E	193	87	2		110								989.11	5.12
School F	255	15	12	8	37	32				97			545.29	2.14
School G	265	65			141	35				55		29	823.75	3.11
School H	313	47			283	37				244			1116.84	3.57
School I	340	15			107					4		3	98.96	0.29
School J	171	78		1	85					161			316.79	1.85
School K	740	152	4	1	92						23		367.70	0.50
School L	498	14		16	97				10	493			949.36	1.91
School M	165	16			51					2			58.75	0.36

Date Run 3/16/2015

\* Other may include: Transition Activities; Written Info to Students; Community Service (including mentoring younger students); Recognition Events; Credit Recovery; GEAR UP Class

# Services – Drop-in List

Last	First	ID	SchoolYear	School	Grade	Service	Service Type	Date	Duration
Last	First	3662	2014 - 2015	Thomas R. Pro	10	Drop-In English Tutoring	Tutoring/h	11/10/2014	0.5
Last	First	5687	2014 - 2015	Thomas R. Pro	10	Drop-In Math Tutoring	Tutoring/h	11/10/2014	0.6167
Last	First	4893	2014 - 2015	Thomas R. Pro	10	Drop-In English Tutoring	Tutoring/h	11/10/2014	0.6167
Last	First	5866	2014 - 2015	Thomas R. Pro	10	Drop-In English Tutoring	Tutoring/h	11/10/2014	0.6167
Last	First	500954	2014 - 2015	Thomas R. Pro	10	Drop-In English Tutoring	Tutoring/h	11/10/2014	0.6167
Last	First	5.8E+08	2014 - 2015	Thomas R. Pro	10	Drop-In Math Tutoring	Tutoring/h	11/10/2014	0.6167
Last	First	5.8E+08	2014 - 2015	Thomas R. Pro	10	Drop-In History Tutoring	Tutoring/h	11/10/2014	0.6167
Last	First	5714	2014 - 2015	Thomas R. Pro	10	Drop-In Math Tutoring	Tutoring/h	11/10/2014	0.6167
Last	First	5.8E+08	2014 - 2015	Thomas R. Pro	10	Drop-In History Tutoring	Tutoring/h	11/10/2014	1.25
Last	First	5.8E+08	2014 - 2015	Thomas R. Pro	10	Drop-In History Tutoring	Tutoring/h	11/10/2014	1.25
Last	First	5918	2014 - 2015	Thomas R. Pro	10	Drop-In Other Tutoring	Tutoring/h	11/10/2014	0.6167
Last	First	5.8E+08	2014 - 2015	Thomas R. Pro	10	Drop-In Science Tutoring	Tutoring/h	11/10/2014	0.6167
Last	First	5808	2014 - 2015	Thomas R. Pro	10	Drop-In Math Tutoring	Tutoring/h	11/10/2014	0.75
Last	First	5687	2014 - 2015	Thomas R. Pro	10	Drop-In History Tutoring	Tutoring/h	11/12/2014	0.6167
Last	First	500954	2014 - 2015	Thomas R. Pro	10	Drop-In History Tutoring	Tutoring/h	11/12/2014	0.6167
Last	First	5.8E+08	2014 - 2015	Thomas R. Pro	10	Drop-In History Tutoring	Tutoring/h	11/12/2014	2
Last	First	5.8E+08	2014 - 2015	Thomas R. Pro	10	Drop-In History Tutoring	Tutoring/h	11/12/2014	2
Last	First	5918	2014 - 2015	Thomas R. Pro	10	Drop-In Other Tutoring	Tutoring/h	11/12/2014	0.6167
Last	First	5687	2014 - 2015	Thomas R. Pro	10	Drop-In Science Tutoring	Tutoring/h	11/13/2014	0.6167
Last	First	6369	2014 - 2015	Thomas R. Pro	10	Drop-In Math Tutoring	Tutoring/h	11/13/2014	0.6167
Last	First	5866	2014 - 2015	Thomas R. Pro	10	Drop-In Math Tutoring	Tutoring/h	11/13/2014	0.6167
Last	First	5450	2014 - 2015	Thomas R. Pro	10	Drop-In Math Tutoring	Tutoring/h	11/13/2014	0.6167
Last	First	500954	2014 - 2015	Thomas R. Pro	10	Drop-In English Tutoring	Tutoring/h	11/13/2014	0.6167

# Advisor to Student Hours

## Student Participation By Service Provider And Service Type Category

School Year: 2012 - 2013

School(s) : All Schools from Instance (GEAR UP Demo)

Start Date: 4/1/2012 - End Date: 3/31/2013

Service Provider: All Service Providers

Service Type Category: ALL Service Type Categories

Service Provider	Service Type Category	Unique Number of Students Receiving Services	Total Student Hours Provided
AD-Jim Brown	College Exposure - College visit/college student shadowing	20	57.00
AD-Jim Brown	Summer programs	15	45.00
College Tour Guide LLC	College Exposure - College visit/college student shadowing	17	73.20

# Weekly/Adhoc

- \* **Enrollment Audit**
- \* **Student Contact/Service Participation Report**
- \* **Students who have not participated in a college visit**
- \* **Targeted student groups (students with > or < service hours, assessments, etc...)**
- \* **Enrollment etc...**





# Service Summary Review

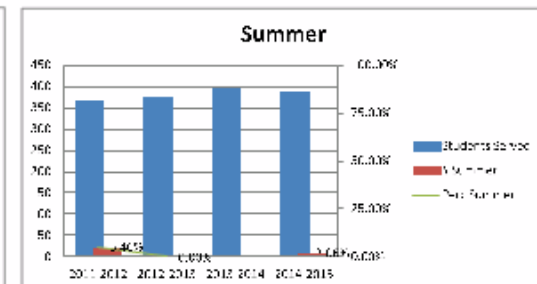
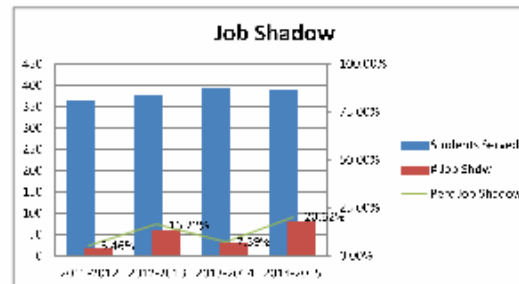
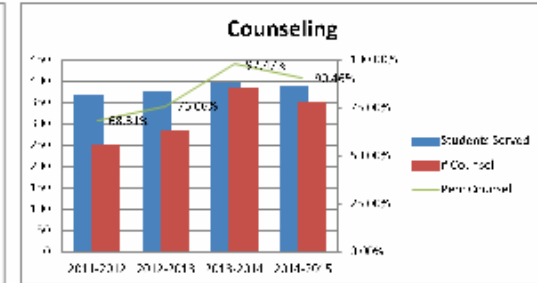
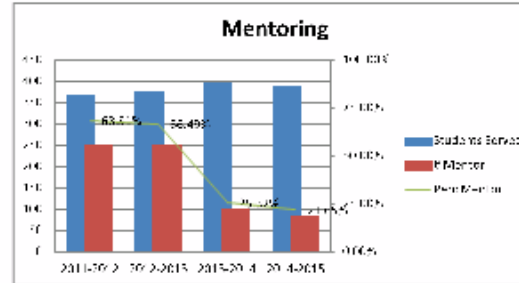
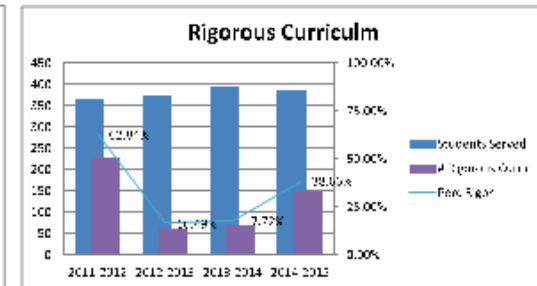
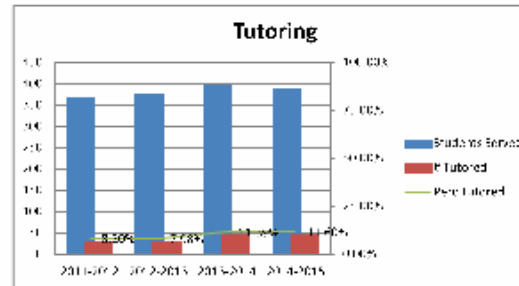
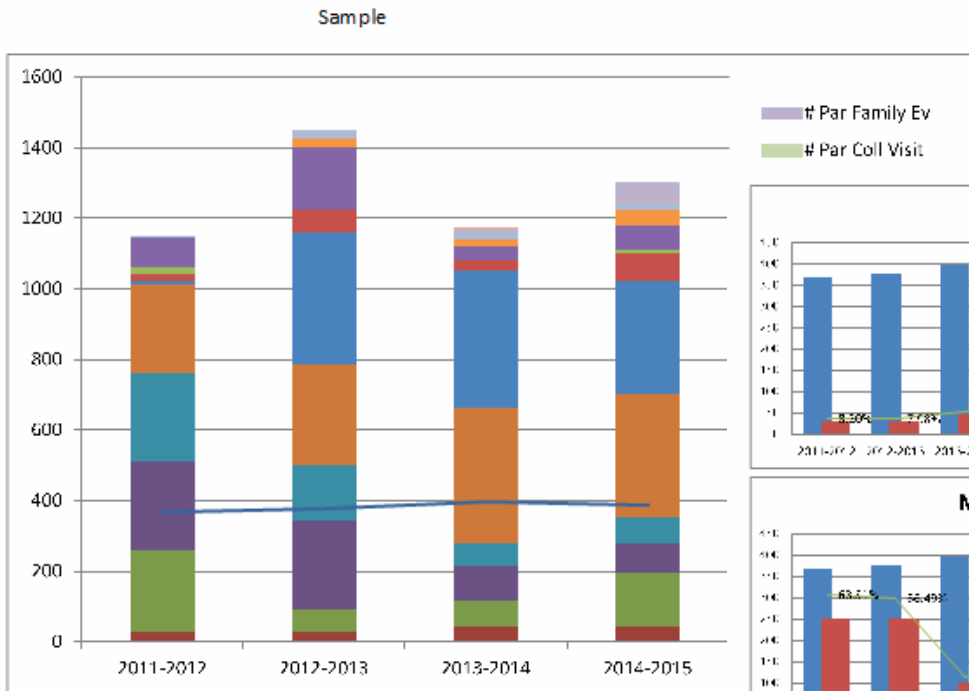
Project Services for Students by Category				
Service Type	# of Students Receiving Service	Avg Hours of Service Per Student Receiving Service	Median Hours of Service Per Student Receiving Service	Total Hours of Service
Supportive Services	49	1.01	0.50	49.67
Rigorous academic curricula				
Comprehensive mentoring				
Financial aid counseling/advising				
Counseling/advising/academic planning/career counseling	685	0.65	0.33	447.88
College visit/college student shadowing	160	6.02	3.00	963.50
Job site visit/job shadowing				
Summer programs	70	306.00	306.00	21420.00
Educational field trips	54	2.19	1.50	118.50
Workshops	48	1.49	1.50	71.50
Family/cultural events	16	3.00	3.00	48.00
Other (please specify)	1063	3.19	0.75	3386.05
			<b>TOTAL</b>	<b>26505.10</b>

Project Services for Students - Other Details				
Service Description	# of Students Receiving Service	Avg Hours of Service Per Student Receiving Service	Median Hours of Service Per Student Receiving Service	Total Hours of Service
After School Programs	70	4.03	1.50	282.00
MAAX	1044	2.80	0.75	2921.05
Saturday Academy	44	4.16	3.00	183.00
			<b>TOTAL</b>	<b>3386.05</b>

# Enrollment Reports

SchoolNumber	SchoolYear	StudentID	GradeLevel	FirstName	LastName	EntryCode	EntryDate	EntryNote	Address1	City	HomePhone	Birthdate	Ethnicity	Gender	Farm	ESL	IEP
412900010004	2014	580014488	10	FirstName	LastName	1	9/8/2014	From Omaha, N	1790 Armo	Utica	(315) 404-	07/10/1998		F	Yes	Yes	No
412900010004	2014	580019084	10	FirstName	LastName	1	7/1/2014		405 NICHOLSON	UTICA		08/29/1998		F	Yes	No	No
412900010004	2014	005824	10	FirstName	LastName	1	7/1/2014		1015 CHURCH	UTICA	601-1232	10/26/1998		F	Yes	No	No
412900010004	2014	005791	10	FirstName	LastName	1	7/1/2014		2512 SUNS	UTICA	(315) 534-	04/02/1998		M	Yes	No	No
412900010004	2014	005560	10	FirstName	LastName	1	7/1/2014		413 HOME	UTICA	(315) 749-	01/10/1998		M	Yes	No	No
412900010004	2014	501121	10	FirstName	LastName	1	7/1/2014		710 SOUTH	UTICA	(315) 765-	01/15/1998		F	Yes	Yes	Yes
412900010004	2014	580010198	10	FirstName	LastName	1	7/1/2014		1105 WARD	UTICA	(315) 790-	11/11/1998		M	Yes	No	No
412900010004	2014	006183	10	FirstName	LastName	1	7/1/2014		838 JAY ST	UTICA	(315) 534-	03/29/1998		M	Yes	No	Yes
412900010004	2014	004202	10	FirstName	LastName	1	7/1/2014		527 Albany	UTICA	(315) 790-	10/7/1998		F	yes	no	no
412900010004	2014	580014916	10	FirstName	LastName	1	10/9/2014	From Newtow	773 Blandine St		(315) 223-9575			F	YES	Yes	No
412900010004	2014	580007217	10	FirstName	LastName	1	7/1/2014		1527 HIGH	UTICA	(315) 765-	01/01/1998		M	Yes	Yes	Yes
412900010004	2014	580007115	10	FirstName	LastName	1	7/1/2014		1736 ARMO	UTICA	507-3164	01/01/1998		F	Yes	Yes	No
412900010004	2014	580006596	10	FirstName	LastName	1	7/1/2014		114 DICKINSON	UTICA	(315) 962-	04/05/1998		M	Yes	Yes	No
412900010004	2014	006128	10	FirstName	LastName	1	7/1/2014		1005 MORRIS	UTICA	(315) 735-	06/08/1998		F	Yes	No	No
412900010004	2014	580001843	10	FirstName	LastName	1	7/1/2014		1021 CORNHILL	UTICA		11/19/1998		M	Yes	No	No
412900010004	2014	580013433	10	FirstName	LastName	1	7/1/2014		305 SOUTH	UTICA	(315) 219-	02/02/1998		F	Yes	Yes	No
412900010004	2014	005936	10	FirstName	LastName	1	7/1/2014		817 WAGE	UTICA	(315) 738-	09/09/1998		F	Yes	No	No
412900010004	2014	580014917	10	FirstName	LastName	1	7/1/2014		614 JAY ST	UTICA	601-5636	04/10/1998		M	Yes	No	No

# Service Trend Hours (4 years)



# Questions/Suggestions

- \* Any Questions about the items we discussed?**
  
- \* Any suggestions for other reports to share with audience?**

**Thank You!**