

Introduction to Results for the Class of 2014

The purpose of this survey was to monitor high school students' perceptions of their high school experience. Results are used to improve the campus environment and program supports for students. Survey results also are used in the monitoring of the district's strategic plan *Goal 3: All students will graduate ready for college, career, and life in a globally competitive economy*. The report is organized into the following categories: postsecondary aspirations, parental engagement, and support; persistence and motivation; extracurricular activities; work and study time; instructional quality; technology access and use; postsecondary preparation and advising; applications to postsecondary institutions; postsecondary financial literacy; acronym key; and references.

Postsecondary Aspirations, Parental Engagement, & Support

Table 1. By this time next year, what do you plan to be doing? (Select all that apply.)

Postsecondary plans	Bowie 2013	Bowie 2014	District 2014
Continue my education	95.3%	95.2%	94.7%
Attend college or technical school without working	.	29.3%	22.5%
Attend college or technical school while working full time	.	7.8%	12.5%
Attend college or technical school while working part time	.	60.1%	59.7%
Work full time only	.	4.8%	6.1%
Work part time only	.	1.0%	2.8%
Enlist in the military	2.5%	3.8%	3.4%
No plans/ not sure yet	1.3%	2.2%	4.7%
Other	0.9%	1.4%	2.8%

Note. Response options changed in 2014.

Approximately 60% of Bowie seniors who indicated they will continue their education after high school planned to work part time while attending college.

About this survey. The 12th annual Austin Independent School District (AISD) High School Exit Survey was administered online to seniors in every AISD high school during Spring 2014. On each campus, Project ADVANCE facilitators primarily were responsible for ensuring all seniors were given the opportunity to complete the survey. Special education chairs at each campus may have provided eligible special education students with guidance and assistance in completing the survey.

This report contains the results for Bowie Class of 2014. Where available, data are presented from previous senior classes to compare with previous years' responses. This year, 502 Bowie students in the Class of 2014 completed the survey, for an overall response rate of 78.7%.

The overall response rate for the District was 92% (N = 3874). The district-level [Class of 2014 High School Exit Survey Report](#) is available online.

Table 2. When do you plan to start going to college, university, or career/trade school?

	Bowie 2013	Bowie 2014	District 2014
This summer	6.6%	6.4%	7.5%
This fall	87.7%	90.1%	84.8%
Next spring	5.7%	3.5%	8.7%

Approximately 90% of Bowie seniors indicated they planned to enroll in a postsecondary institution in Fall 2014. Nearly 65% planned to attend a 4-year college or university, and nearly one-third planned to attend a 2-year community college and then transfer to a 4-year college.

About 30% of Bowie seniors planned to attend other postsecondary institutions. About 30% indicated plans to attend Austin Community College. Approximately 11% planned to attend Texas State University after high school.

Table 3. What type of institution do you plan to attend after high school?

	Bowie 2014	District 2014
A 4-year college or university	65.4%	58.2%
A 2-year college or university	5.3%	12.7%
A 2-year community college and then transfer to a 4-year college	33.1%	32.1%
A private career or trade school	1.1%	2.5%

Table 4. Which college, university, or career/trade school do you plan to attend in the fall?

	Bowie 2013	Bowie 2014	District 2014
Austin Community College (ACC)	32.1%	29.1%	34.8%
Texas State University	12.1%	11.0%	12.0%
University of Texas-Austin	5.3%	6.9%	8.7%
University of Texas-San Antonio	4.6%	3.7%	4.2%
Texas A&M University	8.7%	6.1%	5.9%
St. Edward's University	3.0%	2.4%	2.2%
Blinn College	3.8%	5.6%	2.4%
University of North Texas	1.1%	3.9%	2.6%
Texas Tech University	5.1%	5.6%	2.9%
Stephen F. Austin University	0.2%	0.7%	1.2%
Other	28.8%	30.1%	31.0%

According to the [Austin Chamber of Commerce July 2014 MSA Job Market Report](#), 18% of the available job openings were in computer and mathematical occupations. Specifically, almost 50% of the top 10 available job openings in our MSA were software developers-applications, web developers, network and computer systems administrators, computer systems analysts, and computer user support specialists. Only about 5% of Bowie seniors indicated they were interested in studying computer and information sciences.

Registered nurses jobs also were among the largest available job openings in the region and were difficult to fill. Approximately 15% of Bowie seniors were interested in health sciences.

Table 5. Select the one area that best fits what you plan to study.

	Bowie 2014	District 2014
Business	15.4%	14.1%
Health sciences	14.5%	18.1%
Engineering	13.2%	11.7%
Natural sciences and mathematics	8.1%	6.1%
I do not know	7.7%	7.9%
Visual and performing arts	6.8%	7.4%
Computer and information sciences	5.1%	5.1%
Education	4.6%	4.2%
Agricultural sciences and technologies	4.2%	2.8%
Communication	4.0%	4.2%
Law, public safety, corrections, and security	4.0%	5.3%
Social sciences	4.0%	3.3%
Human services	2.4%	3.2%
Architecture	1.8%	1.6%
Hospitality and tourism	1.5%	1.6%
Humanities	1.5%	1.9%
Trade and industrial	1.1%	1.5%
Office skills	0.2%	0.2%

Note. The percentages in the first column are presented in descending order.

Table 6. If you are not planning to pursue further education, what are your primary reasons? (Select all that apply.)

Reason	Bowie 2014	District 2014
Financial (e.g., can't afford to attend school, need income from working, etc.)	17.1%	17.4%
Academic (e.g., grades/test scores aren't high enough, don't feel academically prepared for college, etc.)	9.8%	8.4%
Personal obligation (e.g., child care or family responsibilities)	0.0%	7.1%
Personal preference (e.g., don't like school, career goals do not require college, etc.)	34.2%	23.2%
Gap year (e.g., want to take some time off from school to do other things, but plan to enroll in college after a year)	24.4%	32.9%
Other (please specify)	14.6%	10.8%

About one-third of Bowie seniors indicated they do not plan to enroll in college after high school because of personal reasons.

Note. The response options for this question changed in 2014, which precluded comparisons with prior years' results.

Table 7. How far did your **mother** go in school?

School status	Bowie 2013	Bowie 2014	District 2014
Less than high school	4.9%	3.3%	22.8%
High school or earned a GED	22.3%	16.0%	19.6%
Some college	.	18.0%	12.9%
Associate degree (2-year)	6.4%	9.0%	6.12%
Bachelor's degree (4-year)	33.6%	34.0%	20.3%
Master's degree	10.8%	12.5%	8.6%
Professional degree (e.g., MD, JD, etc.)	.	3.5%	3.6%
Doctorate degree (e.g., PhD, EdD, etc.)	.	1.8%	2.3%
Don't know or does not apply	.	1.8%	3.8%

Parental education level influences children's academic achievement, educational aspirations, and success in the workforce (Dubow, Boxer, & Huesmann, 2009; Foundation for Child Development, 2014).

Note. Only mother's educational level is reported. Mothers and fathers tend to have similar educational levels. Therefore, mother's educational attainment may serve as a proxy for parental education (Foundation for Child Development, 2014). Also note, the response options for this question changed in 2014.

Table 8. What is the highest level of education **your parents/guardians expect** you to achieve?

Level of education	Bowie 2013	Bowie 2014	District 2014
High school or earned a GED	2.9%	2.5%	7.6%
Some college	.	4.3%	6.0%
Associate degree (2-year)	3.3%	3.5%	6.4%
Bachelor's degree (4-year)	61.9%	48.8%	37.7%
Master's degree	.	21.9%	15.7%
Professional degree (e.g., MD, JD, etc.)	.	4.7%	6.2%
Doctorate degree (e.g., PhD, EdD, etc.)	.	5.9%	8.0%
I am not sure	7.3%	8.4%	12.4%

On average, expectations for highest level of educational attainment differed depending on Bowie seniors' personal expectations and their perceptions of their parents/guardians' expectations. About 92% of Bowie seniors expected to earn a bachelor's degree or better during their lifetime, while approximately 81% of Bowie seniors indicated their parents expected them to achieve the same level of education.

Table 9. What is the highest degree **you expect** to earn during your lifetime?

Level of education	Bowie 2013	Bowie 2014	District 2014
High school diploma	0.6%	2.1%	3.9%
Industry license or certification (e.g., trade school, technical/community college)	1.3%	2.1%	3.8%
Associate degree	2.7%	4.0%	9.5%
Bachelor's degree (4-year)	50.9%	42.2%	39.3%
Advanced degree (e.g., master's, doctoral, medical, law degree)	44.6%	49.6%	43.5%

According to Perna and Titus (2005), the odds of enrolling in a 2- or 4-year college, relative to not enrolling, increases with the frequency with which parents discussed education-related topics (e.g., grades) with their children. Furthermore, Perna & Titus found the positive relationship between the frequency of parent-initiated contact with the school about academic issues and the odds of enrolling in a 4-year college were particularly important for African American students.

Table 10. During high school, to what extent were your parents involved in the following school-related activities?

Percentage who responded either <i>sometimes</i> or <i>often</i>	Bowie 2013	Bowie 2014	District 2014
Talking to you about homework	69.6%	71.3%	68.1%
Making sure you completed your homework	63.5%	63.3%	64.6%
Asking you about what you're learning in school	63.5%	62.1%	64.6%
Helping you decide what classes to take	63.7%	60.8%	55.3%
Talking to you about how you're doing in your classes	86.2%	84.4%	79.9%
Rewarding you when you do well in school	54.8%	54.4%	57.0%
Communicating with your teachers (e.g., teacher conferences, email, and phone calls)	39.9%	42.6%	46.4%
Attending school meetings	42.3%	41.2%	44.8%
Attending school events (e.g., sports, performances)	64.5%	58.6%	56.2%
Volunteering at your school	29.3%	28.7%	28.3%
Joining and participating in the PTA	19.8%	19.5%	18.5%

Note. Response options were *never*, *rarely*, *sometimes*, and *often*.

Table 11. To what extent did your parents use Parent Connect/Gradespeed to monitor your grades?

Use	Bowie 2013	Bowie 2014	District 2014
Never	19.6%	17.5%	25.5%
Rarely	13.6%	14.2%	15.6%
Sometimes	21.1%	21.4%	23.1%
Often	45.6%	46.8%	35.9%

Note. The question was changed in 2013, which precluded comparisons with prior years' results.

Most Bowie seniors indicated they know at least one teacher who supported them in their high school academics and postsecondary aspirations.

Table 12. Indicate if you know at least one teacher who would do the following:

Teacher help	Bowie 2013	Bowie 2014	District 2014
Would be willing to give you extra help with your school work if you needed it	90.4%	90.1%	90.1%
Would be willing to help you with a personal problem	80.3%	72.7%	74.7%
Cares about how you're doing in school	84.3%	78.9%	81.4%
Would be willing to write you a letter of recommendation for a job or college	88.6%	89.5%	84.7%
Knows what you will be doing next year	70.0%	68.4%	67.5%
Would be willing to help you even after you graduate	67.9%	68.0%	66.3%

Persistence & Motivation

Students' precollege behavior and experiences are important factors in determining their persistence in postsecondary education settings. Motivation to learn, effort, and amount of time students spend studying were found to be key determinants of college attainment and success (Bailey, Jenkins, & Leinbach, 2005). When teachers had high expectations and provide an interesting and engaging learning environment, students' self-esteem, confidence, and academic performance improved (Brophy, 2008; 2010).

Table 13. Seniors were asked to indicate feelings about their persistence, motivation, and interactions with teachers.

Percentage who responded either <i>sometimes</i> or <i>always</i>	Bowie 2013	Bowie 2014	District 2014
I can do even the hardest schoolwork if I try.	93.1%	89.2%	91.8%
I enjoy doing my schoolwork.	46.1%	40.9%	56.3%
I feel/felt well prepared for STAAR/EOC.	.	68.9%	78.8%
I try hard to do my best work.	90.0%	88.6%	91.3%
I feel successful in my schoolwork.	89.7%	83.8%	89.2%
My teachers push us to think hard about the things we read.	80.5%	73.0%	86.1%
My teachers push everyone to work hard.	85.3%	78.7%	88.8%
I can reach the goals I set for myself.	96.7%	93.7%	96.3%
My homework helps me learn things I need to know.	74.0%	67.4%	77.2%
My schoolwork makes me think about things in new ways.	64.4%	55.1%	70.7%
My teachers connect what I am learning to life outside of class.	69.5%	55.5%	68.4%
I have fun learning in my classes.	62.7%	61.9%	75.4%
I like to come to school.	63.2%	59.9%	69.3%

Note. Response options were *never*, *not a lot*, *sometimes*, and *always*. STAAR is State of Texas Assessment of Academic Readiness. EOC is end of course.

Extracurricular Activities

Extracurricular activities provide intellectual and social development opportunities for students. According to a study conducted by Stearns and Glennie (2009), schools that provided more extracurricular activities and had more student participants had better academic outcomes in terms of students performing at grade level and staying in school than did schools that provided fewer such activities. Participation in extracurricular activities was also linked to higher aspirations for college, college attainment and graduation, and better occupational status (Barber, Eccles, & Stone, 2001; Darling, Caldwell, & Smith, 2005).

The extra-curricular activities participated in most by Bowie seniors were sports and community service. Approximately 55% of seniors participated in sports at school and about 54% participated in sports out of school. Nearly 66% of seniors indicated they participated in community service outside of school.

Table 14a. Please indicate the number of years of high school in which you participated in each of these **school-affiliated extracurricular activities**.

In school	Did not participate	1-2 years	3-4 years
Music	67.9%	13.4%	18.7%
Theater/drama	72.4%	21.7%	6.0%
Dance	82.8%	9.9%	7.2%
Sports	45.0%	21.1%	34.0%
Academic clubs/UIIL competitions	55.4%	24.1%	20.6%
Speech/debate	71.1%	28.3%	0.7%
Student government	84.5%	13.0%	2.5%
Career and technical student organizations	79.5%	13.5%	7.0%

Note. UIL is University Interscholastic League.

Table 14b. Please indicate the number of years of high school in which you participated in each of the **extracurricular activities outside of school**.

Outside of school	Did not participate	1-2 years	3-4 years
Music	70.2%	9.2%	20.6%
Theater/drama	86.9%	10.0%	3.1%
Dance	87.9%	6.2%	6.0%
Sports	46.2%	16.4%	37.4%
Providing routine care for family members	74.6%	11.3%	14.1%
Community service	34.5%	30.8%	34.7%
Environmental projects/activities	70.2%	19.4%	10.4%
Boy/Girl Scouts	83.9%	5.1%	11.1%

Work and Study Time

Table 15. Please indicate the average number of hours per week you worked at a paid job during your senior year.

Work time	Percentage who worked during senior year		
	Bowie 2013	Bowie 2014	District 2014
Did not work	42.4%	41.8%	41.0%
Less than 20 hours	24.0%	35.8%	28.0%
20 hours or more	33.6%	22.4%	31.0%

Note. This question was changed in 2013, which precluded comparisons with prior years' results.

The percentage of Bowie seniors who indicated they worked 20 or more hours during their senior year has decreased almost 11 percentage points from last year.

A study conducted by Marsh and Kleitman (2005) found that compared with those who did not work, students who worked longer hours had significantly lower academic achievement, attendance, and educational aspirations. They were less engaged in extracurricular activities. They also were less likely to enroll in college. As well, seniors who worked longer hours were more likely to save their earnings for postsecondary enrollment and were less likely to be unemployed 2 years after high school.

Table 16. How many hours per week did you typically spend studying, doing research, or completing homework assignments outside of class?

Study time	Percentage who studied each week		
	Bowie 2013	Bowie 2014	District 2014
None	7.6%	9.0%	10.5%
1 to 5 hours	43.7%	43.2%	40.4%
6 to 10 hours	25.2%	24.0%	23.1%
11 to 15 hours	13.8%	11.3%	11.5%
16 to 20 hours	6.4%	8.4%	8.1%
More than 20 hours	3.3%	4.1%	6.4%

On average, Bowie seniors indicated they studied 1 to 10 hours each week. [Penn State](#) and [University of Michigan-Flint](#) recommend a 2:1 study time/course load ratio; whereby students spend at least 2 hours studying for every 1 hour of class time.

Instructional Quality

Table 17. How well did your high school help you to actively develop knowledge and skills in the following areas?

Percentage who responded somewhat well or very well	Bowie 2013	Bowie 2014	District 2014
Teamwork	90.2%	88.8%	90.8%
Creative thinking	87.3%	84.5%	90.3%
Problem solving	92.4%	88.4%	92.7%
Conflict resolution	83.6%	81.5%	87.6%
Personal health/fitness	80.1%	75.0%	81.1%
Time management	84.8%	75.6%	83.7%
Technology	85.2%	78.3%	84.8%

Note. Response options were *not well*, *somewhat well*, and *very well*.

“Twenty-first-century skills” is a term which generally refers to competencies such as collaboration, digital literacy, critical thinking, and problem-solving (Partnership for 21st Century Learning, 2011).

Researchers have found that students are important sources of information about what happens in classrooms. Students’ responses are generally reliable, valid, and stable over time at the classroom level (Ferguson, 2010). Each year, seniors are asked to rate the quality of instruction they received in different types of courses.

Table 18. Rate the quality of instruction you feel you received in the following areas.

Percentage who responded good or excellent	Bowie 2013	Bowie 2014	District 2014
Social studies	83.1%	76.2%	77.6%
Science	78.4%	72.2%	71.2%
Career and technical (CTE)	64.2%	71.2%	73.5%
English language arts	79.1%	69.9%	82.9%
Performing/Fine arts	75.6%	69.9%	73.8%
Mathematics	72.0%	64.4%	70.2%
Computer/Technology	64.5%	60.3%	66.8%
Foreign language	50.5%	38.8%	59.6%

Note. Response options were *excellent*, *good*, *fair*, and *poor*.

Good or excellent ratings for quality of instruction in CTE have increased by about 9 percentage points from 2013 to 2014. Good or excellent ratings for all other types of instruction decreased from 2013 to 2014.

Table 19. Percentage by course of Bowie seniors who rated a CTE course *fair* or *poor*. Seniors were allowed to select more than one course.

CTE course	Bowie 2014	District 2014
Business management	26.7%	26.5%
Health science	24.4%	24.7%
Animation or video Game design	22.1%	18.1%
Culinary arts or hospitality	18.6%	12.0%
Audio/visual production	16.3%	21.7%
Graphic design or photography	15.1%	15.1%
Agriculture or animal science	14.0%	18.9%
Education	14.0%	15.1%
Engineering	12.8%	17.9%
Web development	12.8%	15.2%
Finance	9.3%	12.0%

Note. Some CTE courses may have higher enrollment than others. A higher percentage of seniors rating a particular CTE course Fair or Poor may be due to the higher enrollment in the course. Therefore, results should not be compared between courses. Also note, when data were analyzed, it was found that seniors responded to items for CTE courses they had not taken. This list includes only courses offered at the campus.

Because overall ratings for CTE courses had been found consistently lower than were those for other courses, this year, seniors who rated CTE instruction *fair* or *poor* were asked to identify the types of CTE courses they rated *fair* or *poor*. They were also asked to provide reasons why they rated the courses low. Approximately 29% of Bowie CTE seniors rated CTE courses *fair* or *poor*.

The top 3 CTE courses rated *fair* or *poor* by Bowie seniors were business management, health science, and animation.

Overall, the top 4 reasons Bowie seniors indicated they rated CTE courses low were teachers were not experts in their subject areas, class projects were not interesting, teachers did not explain things well, and teachers did not manage classroom discipline well.

Table 20. Please tell us what it was about the CTE instruction that was *fair* or *poor*.

	Bowie 2014	District 2014
The teacher was not an expert in the subject area.	39.3%	30.5%
Class projects were not interesting.	39.3%	33.1%
The teacher did not explain things in a way that I could understand.	30.3%	29.0%
The teacher did not manage classroom discipline well.	29.2%	25.3%
The course was too easy.	23.6%	23.6%
The teacher did not keep us busy—time was wasted.	21.4%	18.0%
The course was too difficult.	15.7%	18.2%
A lot of time was spent on topics unrelated to the class.	14.6%	14.8%
The teacher did not respect students' ideas and suggestions.	14.6%	12.0%
Other	14.6%	15.4%

Note. The CTE Summary Report lists the reasons AISD seniors rated CTE courses low by course type.

Technology Access and Use

Table 21. Which of the following describes your computer and Internet access at home?

Access	Bowie 2013	Bowie 2014	District 2014
No computer	0.8%	1.3%	4.7%
No computer, but Internet access (e.g., cell phone, iPad, or iTouch)	2.7%	3.5%	10.0%
Computer, no Internet	1.0%	1.3%	4.1%
Computer with Internet access	95.6%	94.0%	81.2%

Table 22. Have you ever used Naviance/Family Connection for the following activities?

Percentage answering yes	Bowie 2014	District 2014
Class rank and GPA inquiry	88.2%	84.2%
College search	70.3%	72.6%
Counselor-directed activities (e.g., Personality Type Questionnaire or Explore Careers)	65.1%	65.1%
College visit sign up	56.1%	56.2%
Career exploration	49.7%	50.5%
Resume building	34.6%	36.5%

Bowie seniors indicated they mostly used Naviance to check their class rank/GPA, to search colleges, and to complete counselor-directed activities.

Note. This item changed from “how frequently do you use” (2013) to “have you ever used” (2014).

Postsecondary Preparation and Advising

“Middle school is the crucial stage” at which parents and students should begin to think about preparing for college (Cunningham, Erisman, & Looney, 2007). By the time a student reaches junior year of high school, it may be too late to acquire the necessary coursework and GPA for admission to college.

About 43% of Bowie seniors indicated they had been thinking about college for as long as they can remember. Of the 27% of seniors who indicated they did not start thinking about college until high school, about 41% indicated they did not start thinking about college until their junior and senior years of high school.

Table 23. At what time in your life did you start thinking about college as a possibility after high school?

Time frame	Bowie 2013	Bowie 2014	District 2014
As long ago as I can remember	46.7%	42.5%	36.8%
In elementary school	7.5%	7.1%	8.2%
In middle school / junior high	21.7%	21.1%	21.7%
In high school	22.8%	27.2%	30.4%
Never thought of college as an option	1.3%	2.1%	2.8%

Table 24. What grade were you in when you started thinking about college as a possibility after high school?

Grade	Bowie 2014	District 2014
9 th Grade	34.6%	24.4%
10 th Grade	24.6%	23.9%
11 th Grade	29.2%	36.1%
12 th Grade	11.5%	15.6%

Table 25. How did you prepare for your education after high school? (Select all that apply.)

Type of preparation	Bowie 2013	Bowie 2014	District 2014
Took college entrance tests (e.g., SAT, ACT, THEA, COMPASS, ASSET)	79.8%	75.0%	66.6%
Ordered and submitted a transcript to a college or trade/ technical school.	74.4%	72.8%	59.2%
Visited one or more colleges or technical schools	63.4%	63.2%	60.1%
Completed and submitted the FAFSA	60.1%	57.1%	67.8%
Took one or more Advanced Placement or International Baccalaureate classes	56.7%	54.6%	51.1%
Completed and submitted a scholarship application	53.2%	48.9%	48.8%
Participated in ACC College Connections (ACC Application Process)	56.1%	47.4%	35.0%
Met with the school counselor or college/career advisor to discuss college plans/processes	53.6%	44.5%	52.8%
Met with a college representative or recruiter at my high school	45.7%	44.3%	43.3%
Completed or are currently enrolled in ACC courses	44.6%	42.5%	36.0%
Took test prep class for the PSAT, SAT, ACT, etc.	43.9%	42.0%	40.0%
Attended one or more college fairs	37.5%	36.4%	44.8%
I have not completed any activities to prepare for continuing my education	10.4%	15.6%	16.0%
I have not completed any forms to prepare for continuing my education	7.5%	13.2%	16.0%
I have done nothing to academically prepare for continuing my education	9.5%	12.1%	17.2%
Took other college level courses (e.g., Texas State, Texas Tech, TSTC)	3.4%	4.5%	5.7%

Note. SAT is Scholastic Aptitude Test. ACT is American College Testing. THEA is Texas Higher Education Assessment. COMPASS is American College Testing Computer-adapted Placement Assessment and Support. ASSET is American College Testing placement exam for students in community/technical education. PSAT is Preliminary Scholastic Aptitude Test. TSTC is Texas State Technical College.

Table 26. Which of the following did a family member help you with to prepare for life after high school? (Select all that apply.)

Form of help	Bowie 2013	Bowie 2014	District 2014
Talked to you about career and/or college options	90.4%	89.2%	80.9%
Talked to you about finances	80.0%	72.0%	66.9%
Talked to you about your responsibilities as an adult	79.4%	79.4%	75.3%
Talked to you about what a career and/or college would be like	79.4%	76.7%	64.1%
Helped you with financial aid (FAFSA and/or scholarships)	64.4%	62.2%	56.8%
Helped you complete applications for colleges or trade/technical schools	53.1%	56.4%	41.6%
Encouraged you to apply to several different colleges	61.9%	61.4%	54.0%
No one in my family talked to me about or helped me with these things.	2.2%	3.3%	5.0%

On average, Bowie seniors indicated that teachers helped them by pushing their academic abilities and encouraging them to continue their education. School counselors helped them select courses needed for work or college, and by encouraging them to continue their education after high school. College and career advisors helped them by encouraging them to continue their education after high school.

Table 27. Indicate whether the following people helped you with or encouraged you in any of the following activities (select all that apply).

Activity	Teacher	School Counselor	College & Career Advisor	None of These
Select courses needed for work or admission to college	16.9%	34.3%	19.4%	45.8%
Push your academic abilities further (e.g., challenging courses, science fair or summer learning, extra credit work)	56.4%	16.9%	4.1%	32.8%
Take AP / honors courses	41.6%	13.6%	4.6%	48.2%
Take dual credit or articulated credit courses	23.8%	21.9%	12.6%	53.0%
Get information about careers and/or occupations you might want to pursue	22.6%	20.7%	19.8%	49.6%
Continue your education after high school	34.3%	28.0%	20.5%	43.3%
Apply to multiple schools	14.2%	19.5%	16.7%	60.5%
Decide what school to attend	11.1%	11.8%	8.5%	73.2%
Fill out applications for postsecondary education	10.0%	14.6%	16.7%	67.2%
Write college application essays or personal statements	41.3%	11.5%	13.2%	44.8%

Table 28. Were your counselors and/or college and career/Project ADVANCE advisors available to talk to you about college and careers?

Availability	School Counselor	College & Career Advisor
Yes, this person was available and I talked to him/her.	57.3%	57.6%
I tried to talk to this person and wasn't able to meet with him/her.	19.7%	10.1%
I never tried to meet with this person.	23.1%	32.3%

Garland (2008) found that students' interactions with a school counselor and/or college advisor influenced the likelihood that those students would become enrolled in a postsecondary institution.

Applications to Postsecondary Institutions

Table 29. Percentage of Applications per Institution Type

Institution type	0 applications	1-3 applications	4 or more applications
2-year	26.8%	70.2%	3.0%
4-year	27.6%	41.3%	31.0%
Business/technical/vocational school	90.8%	6.4%	2.8%

Garland (2008) found that students who submitted applications to four or more institutions were significantly more likely to become enrolled than were students who submitted fewer applications.

Table 30. Percentage of Acceptances per Institution Type

Institution type	0 acceptances	1-3 acceptances	4 or more acceptances
2-year	30.5%	66.0%	3.5%
4-year	34.6%	47.1%	18.3%
Business/technical/vocational school	90.8%	6.4%	2.8%

Postsecondary Financial Literacy

The completion of the Free Application for Federal Student Aid (FAFSA) is important to entering and completing postsecondary education, especially for economically disadvantaged students. Students who completed the FAFSA were found 50% more likely to enroll in a 4-year college than were those who had not. Approximately 50% of Bowie's Class of 2014 who were enrolled in a postsecondary institution during the Fall semester after high school graduation completed a FAFSA (Looby, 2013).

Table 31. How do you plan to pay for your education after high school? (Select all that apply.)

Source	Bowie 2013	Bowie 2014	District 2014
Scholarships and/or grants	60.5%	59.8%	69.5%
Loans	42.1%	43.5%	41.9%
Family or personal savings	72.2%	80.9%	65.1%
Tuition and fees exemption (e.g., military, foster care, adoption, deaf, blind)	8.3%	10.9%	10.5%
Working during the school year	56.1%	55.6%	61.8%
Working during the summer	59.2%	61.6%	63.7%
I don't know	2.7%	1.9%	4.1%

About 81% of Bowie seniors indicated they planned to pay for college through family or personal savings. Approximately 62% and 56% indicated they planned to pay for college by working during the summers or school year, respectively. About 60% planned to pay for college through scholarships and grants.

Table 32. Where did you learn about options for paying for your education after high school? (Select all that apply.)

Source of information	Bowie 2013	Bowie 2014	District 2014
Senior economics class	15.7%	17.9%	19.9%
Financial Aid Saturday events	11.6%	8.6%	18.2%
Talked to school counselor/college and career advisor/Project ADVANCE staff	33.9%	26.8%	50.3%
Information from a college or university (e.g., website, brochures)	39.2%	41.0%	38.8%
College recruiter	16.1%	17.1%	20.6%
U.S. Department of Education or FAFSA websites	25.6%	23.8%	25.2%
Parents or other adults	82.7%	76.9%	64.7%
Social media (e.g., Twitter, Facebook, etc.)	.	8.2%	11.9%
None of these	5.2%	11.9%	8.3%

Note. This question was changed in 2013, which precluded comparison with prior years' results.

Table 33. How easy has it been for you and your parents to understand the process of applying for financial aid?

Degree of ease	Bowie 2013	Bowie 2014	District 2014
Easy	9.6%	21.7%	26.8%
Some parts easy, some parts difficult	45.2%	44.9%	47.4%
Difficult	26.4%	10.1%	11.1%
I did not apply for financial aid	18.8%	23.4%	14.8%

Table 34. If you did not submit a financial aid application, why not?

Reason	Bowie 2013	Bowie 2014	District 2014
I do not need financial aid to attend college	36.6%	33.9%	22.0%
My parents were not willing to submit private financial information	6.9%	3.7%	7.9%
My family did not think we would qualify or be eligible for financial aid	18.8%	22.9%	22.6%
I do not plan to go to college	4.0%	12.8%	16.2%
I did not know about the financial aid process	33.7%	26.6%	31.3%

On average, Bowie seniors indicated they learned about financial aid from their parents and from college websites and brochures.

About 23% of Bowie seniors indicated they did not apply for financial aid. Almost 34% of these students reported they did not need financial aid, and about 27% said did not know about the financial aid process. Approximately 23% indicated they did not submit a financial aid application because they did not think their family would be eligible for financial aid.

Acronym Key

The following acronyms are used in the High School Exit Survey summary reports. Where relevant, acronyms have a link to an external URL.

Acronym	Definition
ACC	Austin Community College
ACT	American College Testing
AP	Advanced Placement
ASSET	American College Testing (ACT) placement exam for students in community/technical
COMPASS	American College Testing (ACT) Computer-adapted Placement Assessment and Support
EOC	End of Course exam
FAFSA	Free Application for Federal Student Aid
GPA	grade point average
MSA	Metropolitan Statistical Area
PSAT	Preliminary Scholastic Aptitude Test (SAT)
SAT	Scholastic Aptitude Test
STAAR	State of Texas Assessments of Academic Readiness
TAKS	Texas Assessment of Knowledge and Skills
THEA	Texas Higher Education Assessment
TSTC	Texas State Technical College
UIL	University Interscholastic League

References

- Bailey, T., Jenkins, D., & Leinbach, T. (2005). *Graduation rates, student goals, and measuring community college effectiveness*. New York, NY: Community College Research Center, Columbia University. Retrieved from ERIC database. (ED489098)
- Barber, B. L., Eccles, J. S., & Stone, M. R. (2001). Whatever happened to the jock, the brain, and the princess? Young adult pathways linked to adolescent activity involvement and social identity. *Journal of Adolescent Research*, 16, 429–455.
- Brophy, J. (2008). Developing students' appreciation for what is taught in schools. *Educational Psychologist*, 43(3), 132–141.
- Brophy, J. (2010). *Motivating students to learn* (3rd edition). New York, NY: Rutledge.
- Choy, S. (2001). *Students whose parents did not go to college: Postsecondary access, persistence, and attainment* (NCES 2001–126). Washington, DC. Retrieved from <http://nces.ed.gov/pubs2001/2001126.pdf>
- Cunningham, A. F., Erisman, W., & Looney, S. M. (2007, December). *From aspirations to action: The role of middle school parents in making the dream of college a reality*. Washington, DC: Institute for Higher Education Policy. Retrieved from http://www.thesalliemafund.org/assets/pdf/initiatives/from_aspiration_to_action.pdf
- Darling, N., Caldwell, L., & Smith, R. (2005). Participation in school-based extracurricular activities and adolescent adjustment. *Journal of Leisure Research*, 31(1), 51–76.

- Dubow, E., Boxer, P., & Huesmann, L. R. (2009). Long-term effects of parents' education on children's educational and occupational success: Mediation by family interactions, child aggression, and teenage aspirations. *Merill-Palmer Quarterly*, 55(3), 224–249. Retrieved from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2853053/>
- Ferguson, R. (2010). *Student perceptions of teaching effectiveness: A discussion brief*. National Center for Teacher Effectiveness and the Achievement Gap Initiative, Harvard University. Retrieved from http://www.gse.harvard.edu/ncte/news/Using_Student_Perceptions_Ferguson.pdf
- Foundation for Child Development. (2014). *Mother's education and children's outcomes: How dual-generation programs offer increased opportunities for America's families*. Retrieved from <http://fcd-us.org/sites/default/files/Mothers%20Education%20and%20Childrens%20Outcomes%20FINAL.pdf>
- Garland, M. (2008). *The determinants of postsecondary enrollment: Evidence from the AISD Class of 2007*. Austin, TX: Austin Independent School District. Retrieved from http://archive.austinisd.org/inside/docs/ope_ps_enrollment.pdf
- Karp, M. M., & Hughes, K. (2008). Dual enrollment can benefit a broad range of students. *Techniques: Connecting Education and Careers*, 83(7), 14–17.
- Looby, K. (2013). *2013 senior FAFSA submission summary*. Austin, TX: Austin Independent School District. Retrieved from http://www.austinisd.org/sites/default/files/dre-reports/rb/12.93_FAFSA_Report_2012-2013_FINAL.pdf
- Marsh, H., & Kleitman, S. (2005). Consequences of employment during high school: Character building, subversion of academic goals, or a threshold? *American Educational Research Journal*, 42(2), 331–369.
- Niu, S., & Tienda, M. (2012). Delayed enrollment and college plans: Is there a postponement penalty? *The Journal of Higher Education*, 84(1), 1–26.
- Partnership for 21st Century Learning. (March, 2011). *Framework for 21st century learning*. Retrieved from http://www.p21.org/storage/documents/1.__p21_framework_2-pager.pdf
- Perna, L., Lundy-Wagner, V., Yee, A., Brill, L., & Tadal, T. (2009). *Showing them the money: The role of institutional financial aid policies and communication strategies in attracting low-income students*. Paper presented at the College Board's Forum 2009. Retrieved from <http://media.routledgeweb.com/files/9780415803229/perna-chapter>
- Perna, L., & Titus, M. (2005). *The relationship between parental involvement as social capital and college enrollment: An examination of racial/ethnic group differences*. Retrieved from http://repository.upenn.edu/cgi/viewcontent.cgi?article=1013&context=gse_pubs
- Stearns, E., & Glennie, E. (2009). Opportunities to participate: Extracurricular activities' distribution across and academic correlates in highschools. *Social Science Research*, 39(2), 296–309.
- Watt, K., Huerta, J., & Lozano, A. (2007). A comparison study of AVID and GEAR UP 10th-grade students in two high schools in the Rio Grande Valley of Texas. *Journal of Education for Students Placed at Risk (JESPAR)*, 12(2), 185–212.