## 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, and Support

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

| Postsecondary plans | 2012 | 2013 | 2014 |
| :--- | :---: | :---: | :---: |
| Continue my education | $96.8 \%$ | $95.0 \%$ | $94.7 \%$ |
| Attend college or technical school <br> without working | . | . | $22.5 \%$ |
| Attend college or technical school <br> while working full time | . | . | $12.5 \%$ |
| Attend college or technical school <br> while working part time | . | . | $59.7 \%$ |
| Work full time only | . | . | $6.1 \%$ |
| Work part time only | . | . | $2.8 \%$ |
| Enlist in the military | $4.3 \%$ | $3.8 \%$ | $3.4 \%$ |
| No plans/ not sure yet | $3.9 \%$ | $3.9 \%$ | $4.7 \%$ |
| Other | $4.1 \%$ | $2.6 \%$ | $2.8 \%$ |

Note. The response options changed in 2014.
Approximately $60 \%$ of AISD seniors who indicated they would continue their education after high school planned to work part time while attending college.

About this survey. The $12^{\text {th }}$ 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 the entire AISD Class of 2014. Where available, data are presented from previous senior classes to compare with this year's responses. In total, 3,874 students in the Class of 2014 completed the survey, for an overall response rate of $92 \%$. The ethnic and gender distribution of the district survey sample closely resembled that of the district's senior class, indicating the results can be considered representative of the entire senior class population. Campus-level survey results are provided in separate reports and will be available online in September 2014.

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

|  | $\mathbf{2 0 1 4}$ |
| :--- | :---: |
|  |  |
| This summer | $7.5 \%$ |
| This fall | $84.8 \%$ |
| Next spring | $8.7 \%$ |

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

|  | 2014 |
| :--- | :--- |
| A 4-year college or university | $58.2 \%$ |
| A 2-year college or university | $12.7 \%$ |
| A 2-year community college and |  |
| then transfer to a 4-year college | $32.1 \%$ |
| A private career or trade school | $2.5 \%$ |

Approximately $85 \%$ of AISD seniors indicated they planned to enroll in a postsecondary institution in Fall 2014. Nearly $60 \%$ planned to attend a 4 -year college or university and almost $32 \%$ planned to attend a 2 -year community college and then transfer to a 4-year college.

About $35 \%$ percent of AISD seniors planned to attend Austin Community College, $31 \%$ indicated they planned to attend other postsecondary institutions, and $12 \%$ indicated Texas State University as their college of choice.

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

|  | $\mathbf{2 0 1 4}$ |
| :--- | :---: |
| Austin Community College (ACC) | $34.8 \%$ |
| Texas State University | $12.0 \%$ |
| University of Texas-Austin | $8.7 \%$ |
| University of Texas-San Antonio | $4.2 \%$ |
| Texas A\&M University | $5.9 \%$ |
| St. Edward's University | $2.2 \%$ |
| Blinn College | $2.4 \%$ |
| University of North Texas | $2.6 \%$ |
| Texas Tech University | $2.9 \%$ |
| Stephen F. Austin University | $1.2 \%$ |
| Other | $31.0 \%$ |

A gap year usually describes a year that a student takes off between high school and college. Although gap years are common practice in Europe, they are increasing in popularity in the United States. Gap years offer an opportunity to travel, explore different interests, and gain experience and maturity before beginning college. One-third of AISD seniors indicated they would take a year off from school to pursue other things before enrolling in college.

Table 5. If you are not planning to pursue further education, what are your primary reasons? (Select all that apply.)

| Reason | $\mathbf{2 0 1 4}$ |
| :--- | :---: |
| Financial (e.g., cannot afford to attend school, need income from working) | $\mathbf{1 7 . 4 \%}$ |
| Academic (e.g., grades/test scores are not high enough, do not feel academically prepared for <br> college) | $8.4 \%$ |
| Personal obligation (e.g., child care or family responsibilities) | $\mathbf{7 . 1 \%}$ |
| Personal preference (e.g., do not like school, career goals do not require college) <br> Gap year (e.g., want to take some time off from school to do other things, but plan to enroll in <br> college after a year) | $\mathbf{2 3 . 2 \%}$ |
| Other (please specify) | $32.9 \%$ |

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

Table 6. Select the one area that best fits what you plan to study.

|  | 2014 |
| :--- | :---: |
| Health sciences | $18.1 \%$ |
| Business | $14.1 \%$ |
| Engineering | $11.7 \%$ |
| I do not know | $7.9 \%$ |
| Visual and performing arts | $7.4 \%$ |
| Natural sciences and mathematics | $6.1 \%$ |
| Law, public safety, corrections, and security | $5.3 \%$ |
| Computer and information sciences | $5.1 \%$ |
| Education | $4.2 \%$ |
| Communication | $4.2 \%$ |
| Social sciences | $3.3 \%$ |
| Human services | $3.2 \%$ |
| Agricultural sciences and technologies | $2.8 \%$ |
| Humanities | $1.9 \%$ |
| Hospitality and tourism | $1.6 \%$ |
| Architecture | $1.6 \%$ |
| Trade and industrial | $1.5 \%$ |
| Office skills | $0.2 \%$ |

> According to the Austin Chamber of Commerce July 2014 MSA Job Market Report, 18\% of the available job offerings in this period were in computer and mathematical occupations. Only 5\% of AISD 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. Likewise, health-related certifications were the majority of the certifications posted by employers. Approximately $18 \%$ of AISD seniors were interested in health sciences.

Interest in and demand for educational careers were well-matched. Other certifications in demand by local education institutions, such as AISD and the University of Texas System, include English as a second language (ESL) and special education (SPED). Four percent of AISD seniors indicated an interest in the education field.

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

| School status | 2013 | 2014 |
| :---: | :---: | :---: |
| Less than high school | 25.8\% | 22.8\% |
| High school or earned a GED | 22.9\% | 19.6\% |
| Some college | - | 12.9\% |
| Associate degree (2-year) | 4.0\% | 6.12\% |
| Bachelor's degree (4-year) | 20.6\% | 20.3\% |
| Master's degree | 9.1\% | 8.6\% |
| Professional degree (e.g., MD, JD) | . | 3.6\% |
| Doctorate degree (e.g., PhD, EdD) | . | 2.3\% |
| Don't know or does not apply | - | 3.8\% |

Note. Only mother's educational level is reported (for the purpose of comparisons across years. 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). Response options for this question changed in 2014.

Parental education level influences children's academic achievement, educational aspirations, and success in the workforce (Dubow, Boxer, \& Huesmann, 2009; Foundation for Child Development, 2014). Of AISD seniors whose mother's educational level was some college or better, $89 \%$ had aspirations for postsecondary education, and $84 \%$ of these indicated their parent/guardian expected them to achieve an associate's degree or better. Almost $75 \%$ percent of all AISD seniors indicated their parents expected them to achieve an associate's degree or better.

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

| Level of education | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: |
| High school or earned a GED | $24.4 \%$ | $7.6 \%$ |
| Some college | $21.6 \%$ | $6.0 \%$ |
| Associate degree (2-year) | . | $6.4 \%$ |
| Bachelor's degree (4-year) | . | $37.7 \%$ |
| Master's degree | $8.4 \%$ | $15.7 \%$ |
| Professional degree (e.g., MD, JD) | .5 | $6.2 \%$ |
| Doctorate degree (e.g., PhD, EdD) | . | $8.0 \%$ |
| I am not sure |  | $12.4 \%$ |

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

| Level of education | 2013 | 2014 |
| :---: | :---: | :---: |
| High school diploma | 4.9\% | 3.9\% |
| Industry license or certification (e.g., trade school, technical/community college) | 3.6\% | 3.8\% |
| Associate degree | 10.5\% | 9.5\% |
| Bachelor's degree (4-year) | 42.44\% | 39.3\% |
| Advanced degree (e.g., master's, doctoral, medical, law degree) | 38.54\% | 43.5\% |

On average, expectations for highest level of educational attainment differed depending on AISD seniors' personal expectations and their perceptions of their parents/guardians' expectations.

Approximately $83 \%$ of AISD seniors expected to earn a bachelor's degree or better during their lifetime, while approximately $68 \%$ of AISD seniors indicated their parents expected them to achieve the same level of education.

According to Perna and Titus (2005), the odds of enrolling in a 2- or 4-year college, relative to not enrolling, increased with the frequency with which parents discussed education-related topics (e.g., grades) with their children. Furthermore, Perna and 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 sometimes or often | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :--- | :--- |
| Talking to you about homework | $67.8 \%$ | $68.1 \%$ |
| Making sure you completed your homework | $63.6 \%$ | $64.6 \%$ |
| Asking you about what you're learning in school | $64.1 \%$ | $64.6 \%$ |
| Helping you decide what classes to take | $54.8 \%$ | $55.3 \%$ |
| Talking to you about how you're doing in your classes | $78.8 \%$ | $79.9 \%$ |
| Rewarding you when you do well in school | $55.5 \%$ | $57.0 \%$ |
| Communicating with your teachers (e.g., teacher conferences, email, and phone | $45.5 \%$ | $46.4 \%$ |
| calls) | $43.0 \%$ | $44.8 \%$ |
| Attending school meetings | $55.0 \%$ | $56.2 \%$ |
| Attending school events (e.g., sports, performances) | $27.3 \%$ | $28.3 \%$ |
| Volunteering at your school | $19.5 \%$ | $18.5 \%$ |
| Joining and participating in the PTA |  |  |

[^0]Table 11. To what extent did your parents use Parent Connect/Gradespeed to monitor your grades?

| Use | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| Never | . | $28.5 \%$ | $25.5 \%$ |
| Rarely | . | $14.7 \%$ | $15.6 \%$ |
| Sometimes | . | $21.6 \%$ | $23.1 \%$ |
| Often | . | $35.1 \%$ | $35.9 \%$ |

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

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

Figure 1. 2014 Parent Connect/Gradespeed Use


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

| Teacher help | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| Would be willing to give you extra help with your school work if you needed it | $\mathbf{9 0 . 2 \%}$ | $\mathbf{8 5 . 0 \%}$ | $\mathbf{9 0 . 1 \%}$ |
| Would be willing to help you with a personal problem | $\mathbf{7 7 . 5 \%}$ | $71.7 \%$ | $\mathbf{7 4 . 7 \%}$ |
| Cares about how you're doing in school | $84.8 \%$ | $76.8 \%$ | $81.4 \%$ |
| Would be willing to write you a letter of recommendation for a job or college | $87.1 \%$ | $\mathbf{7 7 . 8 \%}$ | $84.7 \%$ |
| Knows what you will be doing next year | $69.1 \%$ | $63.1 \%$ | $67.5 \%$ |
| Would be willing to help you even after you graduate | $\mathbf{7 0 . 3 \%}$ | $\mathbf{6 1 . 8 \%}$ | $\mathbf{6 6 . 3 \%}$ |

## Persistence and Motivation

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

| Percentage who responded either sometimes or always | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| I can do even the hardest schoolwork if I try. | $90.6 \%$ | $91.4 \%$ | $91.8 \%$ |
| I enjoy doing my schoolwork. | $55.8 \%$ | $58.4 \%$ | $56.3 \%$ |
| I feel/felt well prepared for STAAR/EOC. | . | $\cdot$ | $78.8 \%$ |
| I try hard to do my best work. | $90.4 \%$ | $90.0 \%$ | $91.3 \%$ |
| I feel successful in my schoolwork. | $88.8 \%$ | $88.0 \%$ | $89.2 \%$ |
| My teachers push us to think hard about the things we read. | $83.5 \%$ | $82.6 \%$ | $86.1 \%$ |
| My teachers push everyone to work hard. | $86.8 \%$ | $85.9 \%$ | $88.8 \%$ |
| I can reach the goals I set for myself. | $94.3 \%$ | $94.5 \%$ | $96.3 \%$ |
| My homework helps me learn things I need to know. | $76.1 \%$ | $75.6 \%$ | $77.2 \%$ |
| My schoolwork makes me think about things in new ways. | $69.2 \%$ | $70.4 \%$ | $70.7 \%$ |
| I have fun learning in my classes. | $75.2 \%$ | $67.0 \%$ | $75.4 \%$ |
| My teachers connect what I am learning to life outside of class. | $65.0 \%$ | $74.6 \%$ | $68.4 \%$ |
| I like to come to school. | $70.7 \%$ | $69.8 \%$ | $69.3 \%$ |

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.

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 spent studying were found to be key determinants of college attainment and success (Bailey, Jenkins, \& Leinbach, 2005). When teachers had high expectations and provided an interesting and engaging learning environment, students' self-esteem, confidence, and academic performance improved (Brophy, 2008; 2010).

## Extracurricular Activities

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 | $\mathbf{1 - 2}$ years | 3-4 years |
| :--- | :---: | :---: | :---: |
| Music | $63.5 \%$ | $18.2 \%$ | $18.4 \%$ |
| Theater/drama | $72.8 \%$ | $21.3 \%$ | $5.9 \%$ |
| Dance | $77.8 \%$ | $14.2 \%$ | $8.0 \%$ |
| Sports | $41.5 \%$ | $25.1 \%$ | $33.4 \%$ |
| Academic clubs/UIL competitions | $57.2 \%$ | $22.4 \%$ | $20.3 \%$ |
| Speech/debate | $69.1 \%$ | $29.0 \%$ | $1.9 \%$ |
| Student government | $79.2 \%$ | $17.9 \%$ | $2.9 \%$ |
| Career and technical student organizations | $82.2 \%$ | $12.2 \%$ | $5.6 \%$ |

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 | $\mathbf{1 - 2}$ years | 3-4 years |
| :--- | :---: | :---: | :---: |
| Music | $68.3 \%$ | $13.0 \%$ | $18.8 \%$ |
| Theater/drama | $85.4 \%$ | $11.2 \%$ | $3.4 \%$ |
| Dance | $83.1 \%$ | $10.4 \%$ | $6.5 \%$ |
| Sports | $46.4 \%$ | $20.1 \%$ | $33.5 \%$ |
| Providing routine care for family members | $73.9 \%$ | $11.3 \%$ | $14.8 \%$ |
| Community service | $36.2 \%$ | $29.0 \%$ | $34.8 \%$ |
| Environmental projects/activities | $68.5 \%$ | $19.4 \%$ | $12.1 \%$ |
| Boy/Girl Scouts | $89.4 \%$ | $5.2 \%$ | $5.4 \%$ |

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 extracurricular activities participated in most by AISD seniors were sports and community service. Approximately $50 \%$ to $60 \%$ of seniors participated in sports-in and out of school-at some point during high school. More than $60 \%$ of seniors participated in community service (out of school) at some point during high school.

## 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.

|  | Percentage who worked during <br> senior year |  |  |
| :--- | :---: | :---: | :---: |
| Work time | 2012 | 2013 | 2014 |
| Did not work | $22.0 \%$ | $47.3 \%$ | $41.0 \%$ |
| Less than 20 hours | . | $25.2 \%$ | $28.0 \%$ |
| 20 hours or more | . | $25.5 \%$ | $31.0 \%$ |

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

The percentage of AISD seniors who indicated they worked 20 or more hours during their senior year increased almost 6 percentage points from last year.

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

|  | Percentage who studied <br> each week |  |  |
| :--- | :---: | :---: | :---: |
| Study time | 2012 | 2013 | 2014 |
| None | $3.8 \%$ | $10.9 \%$ | $10.5 \%$ |
| 1 to 5 hours | $49.2 \%$ | $41.8 \%$ | $40.4 \%$ |
| 6 to 10 hours | $29.3 \%$ | $21.9 \%$ | $23.1 \%$ |
| 11 to 15 hours | $10.5 \%$ | $12.0 \%$ | $11.5 \%$ |
| 16 to 20 hours | . | $6.2 \%$ | $8.1 \%$ |
| More than 20 hours | . | $5.8 \%$ | $6.4 \%$ |

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.

On average, AISD seniors indicated they studied 1 to 10 hours each week. Penn State and University of MichiganFlint 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 | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| Teamwork | $91.2 \%$ | $\mathbf{9 0 . 8 \%}$ | $\mathbf{9 0 . 8 \%}$ |
| Creative thinking | $\mathbf{9 2 . 0 \%}$ | $90.7 \%$ | $90.3 \%$ |
| Problem solving | $92.7 \%$ | $92.6 \%$ | $92.7 \%$ |
| Conflict resolution | $86.5 \%$ | $87.3 \%$ | $87.6 \%$ |
| Personal health/fitness | $82.7 \%$ | $82.7 \%$ | $81.1 \%$ |
| Time management | $83.6 \%$ | $84.4 \%$ | $83.7 \%$ |
| Technology | $87.0 \%$ | $86.9 \%$ | $84.8 \%$ |

[^1]"Twenty-first-century skills" is a term that generally refers to competencies such as collaboration, digital literacy, critical thinking, and problemsolving (Partnership for $21^{\text {st }}$ 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:

| Percentage who responded good or excellent | $\mathbf{2 0 1 2}$ | 2013* | 2014 |
| :--- | :---: | :---: | :---: |
| English language arts |  | $81.7 \%$ | $82.9 \%$ |
| Social studies | $79.5 \%$ | $77.1 \%$ | $77.6 \%$ |
| Performing/fine arts | $72.8 \%$ | $74.2 \% *$ | $73.8 \%$ |
| Career and technical (CTE) | $62.4 \%$ | $61.7 \% *$ | $73.5 \%$ |
| Science | $68.7 \%$ | $69.4 \%$ | $71.2 \%$ |
| Mathematics | $68.6 \%$ | $69.7 \%$ | $70.2 \%$ |
| Computer/technology | $66.3 \%$ | $67.2 \%$ | $66.8 \%$ |
| Foreign language | $59.9 \%$ | $60.0 \% *$ | $59.6 \%$ |

While the good or excellent ratings for quality of instruction remained constant in other subject areas, CTE ratings increased by about 11 percentage points from 2012 to 2014.

Note. Response options were excellent, good, fair, and poor.
*2013 results were recomputed to exclude the seniors who did not take particular courses.
Percentages for foreign language, performing/fine arts, and CTE were most affected by the change in computation.

## Technology Access and Use

Table 19. Which of the following describes your computer and Internet access at home?

| Access | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :--- | :--- | :---: |
| No computer | $5.2 \%$ | $4.9 \%$ | $4.7 \%$ |
| No computer, but Internet access (e.g., cell phone, | $5.3 \%$ | $8.7 \%$ | $10.0 \%$ |
| iPad, or iTouch) | $5.4 \%$ | $4.6 \%$ | $4.1 \%$ |
| Computer, no Internet | $84.1 \%$ | $81.8 \%$ | $81.2 \%$ |

Table 20. Have you ever used Naviance/Family Connection for the following activities?

|  | Yes |
| :--- | :---: |
| Class rank and grade point average inquiry | $84.2 \%$ |
| College search | $72.6 \%$ |
| Counselor-directed activities (e.g., Personality Type | $65.1 \%$ |
| Questionnaire or Explore Careers) | $56.2 \%$ |
| College visit sign up | $50.5 \%$ |
| Career exploration | $36.5 \%$ |

> AISD seniors indicated they mostly used Naviance to check their class rank/GPA, to search colleges, and to complete counselordirected 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.

Overall, almost 40\% of AISD seniors have been thinking about college for "as long as [they] can remember." Approximately $30 \%$ of seniors indicated they started thinking about college while in high school. About $52 \%$ percent of that group indicated they did not start thinking about college until their junior or senior years of high school.

Table 21. At what time in your life did you start thinking about college as a possibility after high school?

| Time frame | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| As long ago as I can remember | $38.7 \%$ | $36.8 \%$ | $36.8 \%$ |
| In elementary school | $8.6 \%$ | $8.3 \%$ | $8.2 \%$ |
| In middle school / junior high | $20.8 \%$ | $21.6 \%$ | $21.7 \%$ |
| In high school | $29.3 \%$ | $30.4 \%$ | $30.4 \%$ |
| Never thought of college as an option | $3.0 \%$ | $2.8 \%$ | $2.8 \%$ |

AISD seniors' responses regarding when they started thinking about college varied by race. Almost 60\% of White seniors indicated they had been thinking about college for "as long as [they] can remember;" compared to $27 \%$ and $25 \%$ of Black and Hispanic seniors, respectively. Approximately 20\% of White seniors did not start thinking about college until high school; compared to about $31 \%$ of Black seniors and $37 \%$ of Hispanic seniors.

Figure 2. Thinking About College, by Race


Of the Hispanic and Black seniors who did not start thinking about college until high school, about $56 \%$ and $50 \%$, respectively, did not start thinking about college until their junior and senior years of high school.

Table 22. How did you prepare for your education after high school? (Select all that apply.)

| Type of preparation | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| Took college entrance tests (e.g., SAT, ACT, THEA, COMPASS, ASSET) | $73.5 \%$ | $65.9 \%$ | $66.6 \%$ |
| Completed and submitted the FAFSA | $58.2 \%$ | $64.0 \%$ | $67.8 \%$ |
| Visited one or more colleges or technical schools | $57.8 \%$ | $55.7 \%$ | $60.1 \%$ |
| Ordered and submitted a transcript to a college or trade/ technical school. | $55.9 \%$ | $54.8 \%$ | $59.2 \%$ |
| Took one or more Advanced Placement or International Baccalaureate classes | $53.9 \%$ | $50.0 \%$ | $51.1 \%$ |
| Met with a college recruiter at my high school | $47.0 \%$ | $41.3 \%$ | $43.3 \%$ |
| Took test prep class for the PSAT, SAT, ACT, etc. | $46.1 \%$ | $38.6 \%$ | $40.0 \%$ |
| Completed and submitted a scholarship application | $44.8 \%$ | $45.0 \%$ | $48.8 \%$ |
| Met with the school counselor/ADVANCE staff to discuss college plans/processes | $44.5 \%$ | $56.2 \%$ | $52.8 \%$ |
| Attended one or more college fairs | $43.9 \%$ | $39.1 \%$ | $44.8 \%$ |
| Completed or are currently enrolled in ACC courses | $40.3 \%$ | $36.8 \%$ | $36.0 \%$ |
| Participated in ACC College Connections | $35.6 \%$ | $36.2 \%$ | $35.0 \%$ |
| Took other college level courses (e.g., Texas State, Texas Tech, TSTC) | $8.8 \%$ | $5.6 \%$ | $5.7 \%$ |

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 23. 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 | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| Talked to you about career and/or college options | $80.8 \%$ | $80.1 \%$ | $80.9 \%$ |
| Talked to you about finances | $72.2 \%$ | $67.0 \%$ | $66.9 \%$ |
| Talked to you about your responsibilities as an adult | $79.1 \%$ | $\mathbf{7 4 . 2 \%}$ | $75.3 \%$ |
| Talked to you about what a career and/or college would be like | $70.6 \%$ | $66.2 \%$ | $64.1 \%$ |
| Helped you with financial aid (FAFSA and/or scholarships) | $56.1 \%$ | $55.0 \%$ | $56.8 \%$ |
| Helped you complete applications for colleges or trade/technical schools | $48.3 \%$ | $40.1 \%$ | $41.6 \%$ |
| Encouraged you to apply to several different colleges | $61.7 \%$ | $53.6 \%$ | $54.0 \%$ |
| No one in my family talked to me about or helped me with these things. | $7.5 \%$ | $6.0 \%$ | $5.0 \%$ |

Table 24. Were your school counselors and/or college and career/Project ADVANCE advisors available to talk to you about college and careers?

| Availability | School <br> counselor | College and <br> career advisor |
| :--- | :---: | :---: |
| Yes, this person was available and I <br> talked to him/her. | $64.8 \%$ | $72.0 \%$ |
| I tried to talk to this person and wasn't <br> able to meet with him/her. | $13.7 \%$ | $7.7 \%$ |
| I never tried to meet with this person. | $21.5 \%$ | $20.3 \%$ |

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.

On average, AISD seniors indicated that teachers helped them by pushing their academic abilities, encouraging them to take advanced coursework and continue their education, and assisting them with writing their college essays. School counselors helped them select the courses needed for college admissions and encouraged them to continue their education after high school. College and career advisors helped them by encouraging them to continue their education, encouraging them to apply to multiple schools, and assisting them with the college application process.

Table 25. Indicate whether the following people helped you with or encouraged you in any of the following activities (select all that apply).
$\left.\begin{array}{lllll}\hline \text { Activity } & \text { Teacher } & \begin{array}{c}\text { School } \\ \text { counselor }\end{array} & \begin{array}{c}\text { College } \\ \text { and } \\ \text { career }\end{array} & \begin{array}{c}\text { None of } \\ \text { these }\end{array} \\ \hline \text { advisor }\end{array}\right]$

## Applications to Postsecondary Institutions

Table 26. Percentage of Seniors Who Indicated They Submitted at Least One Application to a Postsecondary Institution

| Institution Type | 2012 | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| 2-year | $73.0 \%$ | $51.2 \%$ | $65.7 \%$ |
| 4-year | $78.5 \%$ | $60.0 \%$ | $70.8 \%$ |
| Business/technical/vocational school | $10.1 \%$ | $6.8 \%$ | $12.8 \%$ |

Table 27. Percentage of Seniors Who Indicated They Were Accepted to at Least One Postsecondary Institution

| Institution | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | 2014 |
| :--- | :---: | :---: | :---: |
| 2-year | $61.7 \%$ | $59.8 \%$ | $57.4 \%$ |
| 4-year | $67.1 \%$ | $66.0 \%$ | $60.3 \%$ |
| Business/technical/vocational school | $6.9 \%$ | $7.7 \%$ | $10.6 \%$ |

Garland (2008) found students who submitted applications to four or more institutions were significantly more likely to become enrolled than were students who submitted fewer applications. About 41\% of AISD seniors who planned to attend 4-year institutions indicated they submitted 4 or more applications, while about $61 \%$ of seniors who planned to attend a 2-year institutions indicated they submitted 1-3 applications.

Figure 3. Number of Applications, by Institution Type


## 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. About $72 \%$ of AISD'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 28. How do you plan to pay for your education after high school? (Select all that apply.)

| Source | 2012 | 2013 | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| Scholarships and/or grants | $67.2 \%$ | $58.7 \%$ | $69.5 \%$ |
| Loans | $40.8 \%$ | $35.1 \%$ | $41.9 \%$ |
| Family or personal savings | $58.7 \%$ | $51.1 \%$ | $65.1 \%$ |
| Tuition and fees exemption (e.g., | $9.6 \%$ | $8.3 \%$ | $10.5 \%$ |
| military, foster care, adoption, <br> deaf, blind) | $56.4 \%$ | $51.9 \%$ | $61.8 \%$ |
| Working during the school year | $59.2 \%$ | $54.2 \%$ | $63.7 \%$ |
| Working during the summer | $5.6 \%$ | $5.5 \%$ | $4.1 \%$ |

About 70\% of AISD seniors indicated they planned to pay for college through scholarships or grants. Approximately 65\% indicated they planned to use family or personal savings to pay for college. More than $60 \%$ indicated they planned to work during the summer or school year to pay college expenses.

Table 29. Where did you learn about options for paying for your education after high school? (Select all that apply.)

| Source of information | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: |
| Senior economics class | $\mathbf{1 9 . 1 \%}$ | $\mathbf{1 9 . 9 \%}$ |
| Financial Aid Saturday events | $19.1 \%$ | $18.2 \%$ |
| Talked to school counselor/college and career advisor/Project ADVANCE staff | $54.9 \%$ | $50.3 \%$ |
| Information from a college or university (e.g., website, brochures) | $35.7 \%$ | $38.8 \%$ |
| College recruiter | $18.6 \%$ | $20.6 \%$ |
| U.S. Department of Education or FAFSA websites | $24.6 \%$ | $25.2 \%$ |
| Parents or other adults | $61.7 \%$ | $64.7 \%$ |
| Social media (e.g., Twitter, Facebook) | . | $11.9 \%$ |
| None of these | $7.6 \%$ | $8.3 \%$ |

Note. This question was changed in 2013, which precluded comparison with prior years' results. FAFSA is Free Application for Federal Student Aid.

Table 30. How easy has it been for you and your parents to understand the process of applying for financial aid?

| Degree of ease | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| Easy | $21.8 \%$ | $26.3 \%$ | $26.8 \%$ |
| Some parts easy, some parts difficult | $47.4 \%$ | $47.9 \%$ | $47.4 \%$ |
| Difficult | $13.2 \%$ | $10.6 \%$ | $11.1 \%$ |
| I did not apply for financial aid | $17.5 \%$ | $15.2 \%$ | $14.8 \%$ |

Table 31. If you did not submit a financial aid application, why not?

| Reason | 2012 | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ |
| :--- | :---: | :---: | :---: |
| I do not need financial aid to attend college | $19.3 \%$ | $22.7 \%$ | $22.0 \%$ |
| My parents were not willing to submit private <br> financial information | $6.4 \%$ | $7.2 \%$ | $7.9 \%$ |
| My family did not think we would qualify or be <br> eligible for financial aid | $18.8 \%$ | $16.6 \%$ | $22.6 \%$ |
| I do not plan to go to college | $16.2 \%$ | $13.7 \%$ | $16.2 \%$ |
| I did not know about the financial aid process | $39.2 \%$ | $39.9 \%$ | $31.3 \%$ |

On average, AISD seniors indicated they learned about financial aid from their parents, school counselors, and college and career advisors.
About 15\% of seniors indicated they did not apply for financial aid. Approximately $45 \%$ of these students reported they did not need financial aid or did not think they would be eligible for financial aid. One-third of seniors indicated they did not submit a financial aid application because they did not know about the financial aid process.

## 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 (3 ${ }^{\text {rd }}$ 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. Retreived from http://www.thesalliemaefund.org/assets/pdf/initiatives/from_aspiration_to_action.pdf

Darling, N., Caldwell, L., \& Smith, R. (2005). Particiaption 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://fcdus.org/sites/default/files/Mothers\ Education\ and\ Childrens\ Outcomes\ FINAL.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_20122013_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 $21^{\text {st }}$ Century Learning. (March, 2011). Framework for $21^{\text {st }}$ 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: Extracurricularactivities' distribution across and academic correlates in highschools. Social Science Research, 39(2), 296-309.
Watt, K., Huerta, J., \& Lozanoa, A. (2007). A comparison study of AVID and GEAR UP $10^{\text {th }}$-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.


[^0]:    Note. Response options were never, rarely, sometimes, and often.

[^1]:    Note. Response options were not well, somewhat well, and very well.

