# Making the Transition from High School to College in Ohio 2004: A Statewide Perspective

Prepared by



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Report also available at: www.regents.state.oh.us/perfrpt/2004HSindex.html

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#### Introduction

This report presents a detailed profile of the students in the Ohio high school graduating class of 2002 who attended college in Ohio in fall 2002. Data on these students' backgrounds, preparation for college, and college experiences are presented at the statewide level, by type of high school district attended, and by college or university attended.

### Primary Observations:

- College attendance has become common for recent high school graduates in Ohio. Over 60,000 students in the Ohio high school class of 2002 attended an Ohio college in fall 2002, with an additional 11,000 attending out-of-state institutions. These 71,000 young college freshmen represent about 59% of Ohio's 120,000 high school graduates in 2002. A significant proportion of the high school graduates who did not go immediately to college from high school are likely to go at a later time, so the eventual college participation rate will be higher.
- It is also common for recent high school graduates to begin college unprepared to do college-level work. Forty percent of recent Ohio high school graduates who attended public colleges or universities in Ohio in fall 2002 took at least one remedial course in English or math in their first year of college.
- Not all college freshmen have taken the courses in high school that prepare students for college. Seventy-one percent of freshmen have had at least a minimum preparation (minimum core) for college while in high school, consisting of four English courses and three courses each in math, science, and social studies. Only 24% of them have gone further to take a more rigorous curriculum (complete core) consisting of four courses each in English, math, and social studies, and three courses in science that include biology, chemistry, and physics.
- Readiness for college-level work is related to the courses taken by students while they are in high school. The remedial course enrollment rate for students taking the complete core is 13%, compared to 32% for students who have taken only the minimum core and 53% for students who have not taken the minimum core courses.

Student Background, Preparation, and College Success Indicators in this Report:

- In-state college-going rate of recent Ohio high school graduates
- Percentages of first-year college students taking minimum and complete college preparatory curricula in high school
- Percentage of first-year college students who took an Advanced Placement test
- Percentage who took college courses while in high school
- Percentage who are first-generation college students

- Percentage of students taking a college entrance exam
- Average College Entrance Exam scores (ACT scale)
- Average first-term college GPA's
- Percentage attending college full-time
- Percentage of public students taking remedial courses
- Percentage persisting in college to their second year

#### Related Board of Regents Reports:

- All of the indicators of students' background characteristics, preparation levels, and college outcomes presented in this statewide report are available at the district and high school level. These detailed reports are on the Ohio Board of Regents website at <a href="http://www.regents.state.oh.us/perfrpt/">http://www.regents.state.oh.us/perfrpt/</a>.
- The previous year's "Making the Transition from High School to College in Ohio" report contains a chapter summarizing results from federal government surveys of all U.S. colleges and universities on the residence of first-time freshmen. This is a valuable source of information on the enrollment destinations of Ohio's first-time freshmen, both those who attend college straight from high school and those who wait a year or more to attend college.

#### Acknowledgements:

• The district and high school detail report has been prepared in consultation with representatives from the K-12 sector, including Ohio Department of Education staff, district superintendents, high school principals and guidance counselors. The Board of Regents would especially like to thank Dr. George E. Tombaugh, Superintendent of the Westerville City School District, for his efforts to enlist other superintendents to help with this project.

• Data from a wide array of sources was assembled to produce the indicators used in this report. Counts of Ohio high school graduates by district classification were provided by the Ohio Department of Education. The primary source for information on the high school course taking patterns and college entrance exam scores was ACT. Data on Advanced Placement course-taking in high school were provided by College Board. Public higher education enrollment and academic outcomes data were obtained from institutional student and course data submissions to the Higher Education Information system (HEI). Independent institution enrollment data are available only for full-time students who receive a Student Choice grant. Information on the educational background of parents (used to determine whether a student is a first-generation college student) comes from the Free Application for Federal Student Aid (FAFSA).

#### **Summary of Statewide Results**

- Ohio's fall 2002 college freshmen from Ohio's high schools are very diverse in terms of origin, background and level of preparation for college. All types of high school districts are represented, with 34% of freshmen coming from small town and rural districts, 33% from suburban districts, 16% from urban districts, and 13% from parochial and independent high schools.
- Almost half (43%) of the freshmen come from families where no parent has a college degree.
- Preparation for college varies widely. Thirteen percent of college freshmen had not taken a college entrance exam before starting college. Seventy-one percent have taken a minimum college preparatory curriculum in high school (four English and three courses each in math, social studies and science). Twenty-four percent of freshmen have taken a complete college preparatory curriculum (four courses each in English, math and social studies, and three science courses that include biology, chemistry and physics).
- Some students started college while they were in high school, with 12% of freshmen having taken an Advance Placement exam and 7% having taken a college course while in high school.
- Ninety-three percent of freshmen begin as full-time college students.
- Over two-thirds (70%) of freshmen return to the same institution in their second year, and 81% attend any Ohio institution in their second year.
- The remediation rate for freshmen attending public institutions is high, at 40%. The levels of remedial course enrollment are linked to preparation levels in high school, with a 13% remedial course enrollment rate for students taking the complete core, compared to 32% for students who have taken only the minimum core and 53% for students who have not taken the minimum core courses.

# **Profile of High School Experiences and Outcomes**

Ohio Recent High School Graduates Enrolled as First-Time Freshmen in Ohio Fall 2002

# Facts and Figures

Enrollment		Measures	R
otal First-Time Freshmen	60,587	Percent first-generation college students	
College Enrollment by High School I	District Type	Percent of first-time students taking a college entrance exam (ACT or SAT)	
, ,		Average college entrance exam score	
Suburban/urban, high SES¹	13,912	(ACT Scale)	
Small town, moderate SES	7,794	Percent completing at least a minimum college	
Parochial	6,979	preparatory curriculum in high school (four	
Suburban, very high SES	6,157	years of English and three years each of math, science, and social studies)	
Rural	5,962	Percent completing a complete college	
Jrban, moderate SES	5,175	preparatory curriculum in high school (four	
Major city, extremely high poverty	4,420	years each of English, math, and social	
Small town, very high poverty	3,701	studies, and at least three years of science courses that include biology, chemistry, and	
Rural, high poverty	2,962	physics)	
High school unknown	2,602	Percent taking Advanced Placement courses	
Independent high schools	718	in high school	
Socio-economic status		Percent taking college courses while in high school	

## **Profile of First-Year College Experiences and Outcomes**

Ohio Recent High School Graduates Enrolled as First-Time Freshmen in Ohio Fall 2002

# Facts and Figures

Enrollment		
Total First-Time Freshmen		60,587
Enrollment by Institution Type		
Public Institutions:		49,485
University Main Campuses	29,693	
University Regional Campuses	6,552	
Community Colleges	5,749	
State Community colleges	4,948	
Technical Colleges	2,543	
Independent Colleges and Universities*		11,102

 $<sup>^{\</sup>star}$  Full-time students receiving an Ohio Student Choice Grant

Measures	Results
Percent of students attending college full-time	93%
Percent of public higher education students taking remedial coursework in their first year of college	40%
Percent returning to the same institution fall term (or any term if private) of the second year	70%
Percent returning to any Ohio institution fall term (or any term if private) of the second year	81%
Average first term college GPA for students attending Ohio's public colleges and universities	2.7

Of the 110,093 Ohio public high school graduates in 2002, 45% enrolled at an Ohio college or university in Fall 2002.

## Student Experiences and Outcomes by Level of High School Academic Preparation

Ohio Recent High School Graduates Enrolled as First-Time College Freshmen in Ohio, Fall 2002

Type of Academic Curriculum Completed in High School	Number of First- Year Ohio College Students Fall 2002	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses in High School	Percent of First-Year Students who are First- Generation College	Average Entrance Exam Score (ACT scale)	Average First Term GPA (public college only)	Percent Attending College Full-Time	Percent Returning to Any Ohio Institution the Following Year	Percent of Public College Students Taking Remedial Courses
Complete Core	12,398	28%	10%	32%	24	3.0	98%	91%	13%
Minimum Core	23,466	12%	7%	42%	22	2.8	96%	86%	32%
Less than Minimum Core	14,778	4%	5%	50%	19	2.5	93%	78%	53%
High School Curriculum Unknown	9,945	3%	4%	53%	NA	2.3	80%	64%	61%
TOTAL	60,587	12%	7%	43%	22	2.7	93%	81%	40%

- Students who take a more rigorous college-preparatory curriculum are better prepared for college and have better college outcomes than their peers who take less rigorous courses.
- The largest preparation-related differences in college outcomes occur in college freshman year remediation rates. Students who took a complete core curriculum (four years each of English, math, and social studies, and at least three years of science courses that include biology, chemistry, and physics) had a 13% remediation rate, compared to 32% for students who took only a minimum core curriculum (four years of English and three years each of math, science, and social studies) and 53% for students who did not take a core curriculum. Students for which no high school course-taking information is available (primarily students who did not take either the ACT or SAT college entrance exams) had a 61% remediation rate.
- Family background-related differences also influence high school course-taking, as 32% of freshmen who have taken the complete core are first-generation college students, compared to 42% of freshmen who have taken a minimum core and 50% of freshmen who have not taken a core curriculum.

## High School and College Outcomes, Results by Type of High School District

- High school graduates from suburban districts with very high socio-economic status (SES) have the highest Ohio college-going rate at 57%. In contrast, graduates from major cities with extremely high poverty have a 33% Ohio college-going rate. In general, suburban, high SES, and private school districts tend to have the highest Ohio college-going rates. It is important to note that out-of-state attendance is not reflected in these data.
- Graduates from suburban and private high school districts tend to enter college more academically prepared, as evidenced by their higher incidence of core course-taking. At the opposite end of the spectrum, a smaller percentage of graduates from rural districts, regardless of SES, take core courses in high school.
- A slightly larger percentage of students from rural, high poverty areas take college courses in high school compared to other areas. Many are participants in the Postsecondary Enrollment Options (PSEO) program. However, students from rural areas are not as likely to take Advanced Placement courses in high school.
- The majority of college freshmen from rural and high-poverty areas tend to be first-generation college students. Only 21% of graduates from suburban, high SES districts are first-generation college students compared to 59% from rural, high poverty districts.
- Average ACT scores among first-time freshmen vary by type of district, ranging from 19 for students from large cities with extremely high poverty to 23 for students from suburban/high SES districts and from independent high schools.
- Students from major-city districts with extremely high poverty have the lowest average first-term GPA. These same students also have the highest incidence of remedial course-taking in college at 57%. In contrast, 26% of students from suburban, high SES districts take remedial courses in college.
- The lowest college persistence rates occur among students from major-city districts with extremely high poverty (71%), compared to 89% for students from parochial schools and suburban, very high SES districts.

## **High School Experiences and Outcomes by District Type**

Ohio Recent High School Graduates Enrolled as First-Time College Freshmen in Ohio, Fall 2002

Type of High School District Attended	High School Graduates in 2002	First-Year Ohio College Students Fall 2002	Percent Taking at Least a Minimum College Preparatory Curriculum*	Percent Taking a Complete College Preparatory Curriculum**	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses While in High School	Percent of First-Year Students Who are First- Generation College	Average Entrance Exam Score (ACT scale)
Suburban/urban, High SES	25,879	13,912	74%	26%	14%	6%	35%	22
Small town, Moderate SES	17,002	7,794	68%	21%	5%	8%	49%	22
Suburban, Very high SES	10,861	6,157	80%	31%	27%	6%	21%	23
Rural	13,282	5,962	65%	19%	3%	8%	54%	21
Urban, Moderate SES	11,916	5,175	66%	21%	8%	7%	51%	21
Major city, Extremely high poverty	13,255	4,420	65%	19%	11%	7%	56%	19
Small town, Very high poverty	9,884	3,701	66%	23%	4%	10%	54%	21
Rural, High Poverty	8,008	2,962	63%	21%	2%	8%	59%	20
SUBTOTAL (HS graduates known)	110,093	50,083						
Parochial	Data	6,979	79%	33%	21%	5%	28%	22
Independent schools	not Available	718	75%	31%	25%	6%	27%	23
Unknown District		2,602	64%	19%	3%	6%	50%	21
TOTAL		60,587	71%	24%	12%	7%	43%	22

<sup>\*</sup> Four years of English and three years each in mathematics, science, and social studies.

\*\* Four years each of English, mathematics, and social studies, and at least three years of science courses that include biology, chemistry, and physics.

# First-Year College Experiences and Outcomes by District Type

Ohio Recent High School Graduates Enrolled as First-Time College Freshmen in Ohio, Fall 2002

Type of High School District Attended	High School Graduates in 2002	First-Year Ohio College Students Fall 2002	In-State College- Going Rate in Fall 2002	Average First Term GPA (public college enrollments only)	Percent Attending College Full-Time	Percent Returning to the Same Institution the Following Year	Percent Returning to Any Ohio Institution the Following Year	Percent of Public College Students Taking Remedial Courses
Suburban/urban, High SES	25,879	13,912	54%	2.7	93%	72%	84%	36%
Small town, Moderate SES	17,002	7,794	46%	2.7	94%	70%	81%	39%
Suburban, Very high SES	10,861	6,157	57%	2.8	95%	77%	89%	26%
Rural	13,282	5,962	45%	2.8	94%	69%	81%	37%
Urban, Moderate SES	11,916	5,175	43%	2.6	90%	68%	78%	47%
Major city, Extremely high poverty	13,255	4,420	33%	2.3	90%	60%	71%	57%
Small town, Very high poverty	9,884	3,701	37%	2.6	95%	65%	77%	46%
Rural, High Poverty	8,008	2,962	37%	2.7	94%	65%	78%	46%
SUBTOTAL (HS graduates known)	110,093	50,083						
Parochial	Data	6,979	Data	2.8	96%	77%	89%	30%
Independent schools	not Available	718	not Available	2.9	97%	78%	88%	22%
Unknown District		2,602		2.6	81%	56%	65%	57%
TOTAL		60,587		2.7	93%	70%	81%	40%

Ohio Recent High School Graduates Enrolled as First-Time College Freshmen in Ohio who took a COMPLETE COLLEGE PREPATORY CORE\* Curriculum in High School, Fall 2002

Type of High School District Attended	Number of First- Year Ohio College Students Fall 2002	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses in High School	Percent of First-year Students Who are First- Generation College	Average Entrance Exam Score (ACT scale)	Average First Term GPA (public college only)	Percent Attending College Full-Time	Percent Returning to Any Ohio Institution the Following Year	Percent of Public College Students Taking Remedial Courses
Suburban/urban high SES	3,116	33%	9%	27%	25	3.0	98%	92%	12%
Suburban very high SES	1,594	47%	7%	15%	25	3.0	98%	94%	9%
Small town, moderate SES	1,443	16%	14%	38%	24	3.0	98%	91%	11%
Rural	978	11%	15%	42%	24	3.2	98%	92%	12%
Urban moderate SES	869	25%	11%	42%	24	2.9	96%	91%	18%
Small town, very high poverty	719	12%	16%	43%	23	2.9	98%	90%	18%
Major City, extremely high poverty	685	23%	11%	50%	21	2.6	95%	81%	29%
Rural High Poverty	506	6%	16%	52%	23	3.0	97%	89%	17%
Parochial	2,073	34%	6%	24%	24	3.0	98%	94%	11%
Independent Schools	186	40%	9%	22%	25	2.9	98%	94%	8%
TOTAL	12,398	28%	10%	32%	24	3.0	98%	91%	13%

<sup>\*</sup> Four years each of English, mathematics, and social studies, and at least three years of science courses that include biology, chemistry, and physics.

Ohio Recent High School Graduates Enrolled as First-Time College Freshmen in Ohio who took a MINIMUM COLLEGE PREPARATORY CORE\* Curriculum in High School, Fall 2002

Type of High School District Attended	Number of First- Year Ohio College Students Fall 2002	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses in High School	Percent of First-Year Students who are First- Generation College	Average Entrance Exam Score (ACT scale)	Average First Term GPA (public college only)	Percent Attending College Full-Time	Percent Returning to Any Ohio Institution the Following Year	Percent of Public College Students Taking Remedial Courses
Suburban/urban, high SES	5,640	13%	6%	34%	22	2.8	96%	88%	30%
Small town, moderate SES	3,156	5%	9%	46%	22	2.8	97%	85%	32%
Suburban, very high SES	2,583	26%	6%	22%	23	2.8	97%	91%	23%
Rural	2,407	3%	8%	53%	22	2.9	97%	86%	29%
Urban, moderate SES	1,909	10%	7%	49%	21	2.7	96%	85%	38%
Major City, extremely high poverty	1,639	14%	8%	56%	19	2.4	94%	76%	52%
Small town, very high poverty	1,381	5%	11%	52%	21	2.8	97%	82%	36%
Rural, high poverty	1,034	2%	9%	56%	21	2.9	96%	85%	35%
Parochial	2,930	21%	5%	28%	22	2.8	98%	89%	29%
Independent Schools	260	18%	4%	29%	23	2.8	97%	89%	25%
TOTAL	23,466	12%	7%	42%	22	2.8	96%	86%	32%

<sup>\*</sup> Four years of English, and three years each of mathematics, science, and social studies.

Ohio Recent High School Graduates Enrolled as First-Time College Freshmen in Ohio who took a LESS THAN MINIMUM COLLEGE PREPARATORY CORE\* Curriculum in High School Fall 2002

Type of High School District Attended	Number of First- Year Ohio College Students Fall 2002	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses in High School	Percent of First-Year Students who are First- Generation College	Average Entrance Exam Score (ACT scale)	Average First Term GPA (public college only)	Percent Attending College Full-Time	Percent Returning to Any Ohio Institution the Following Year	Percent of Public College Students Taking Remedial Courses
Suburban/urban, high SES	3,109	4%	4%	42%	20	2.5	92%	80%	52%
Small town, moderate SES	2,194	1%	5%	55%	20	2.6	92%	78%	51%
Rural	1,845	0%	6%	57%	20	2.6	94%	79%	49%
Urban, moderate SES	1,414	2%	6%	56%	19	2.5	91%	77%	57%
Major City, extremely high poverty	1,234	4%	6%	59%	17	2.2	91%	67%	65%
Small town, very high poverty	1,089	1%	7%	60%	19	2.4	94%	73%	62%
Suburban, very high SES	1,027	15%	5%	23%	21	2.7	94%	85%	39%
Rural, high poverty	895	NA	6%	61%	19	2.6	92%	74%	58%
Parochial	1,328	9%	3%	32%	20	2.6	95%	87%	46%
Independent Schools	147	21%	5%	33%	22	2.8	95%	83%	29%
TOTAL	14,778	4%	5%	50%	19	2.5	93%	78%	53%

<sup>\*</sup> Less than: Four years of English and three years each of mathematics, science, and social studies.

Ohio Recent High School Graduates Enrolled as First-Time College Freshmen in Ohio with an UNKNOWN COLLEGE PREPARATORY CORE\* Curriculum in High School, Fall 2002

Type of High School District Attended	Number of First- Year Ohio College Students Fall 2002	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses in High School	Percent of First-Year Students who are First- Generation College	Average Entrance Exam Score (ACT scale)*	Average First Term GPA (public college only)	Percent Attending College Full-Time	Percent Returning to Any Ohio Institution the Following Year	Percent of Public College Students Taking Remedial Courses
Suburban/urban, high SES	2,047	2%	4%	43%	NA	2.3	81%	68%	59%
Small town, moderate SES	1,001	NA	3%	60%	NA	2.3	80%	62%	62%
Urban, moderate SES	983	1%	3%	59%	NA	2.1	75%	58%	69%
Suburban, very high SES	953	10%	6%	26%	NA	2.5	86%	80%	48%
Major City, extremely high poverty	862	3%	3%	58%	NA	2.0	75%	57%	74%
Rural	732	NA	5%	65%	NA	2.4	82%	58%	57%
Rural, high poverty	527	NA	3%	67%	NA	2.5	88%	59%	66%
Small town, very high poverty	512	NA	4%	65%	NA	2.2	87%	55%	68%
Parochial	648	9%	3%	35%	NA	2.5	90%	79%	51%
Independent Schools	125	21%	4%	25%	NA	2.9	96%	83%	26%
TOTAL	9,945	3%	4%	53%	NA	2.3	80%	64%	61%

<sup>\*</sup> The majority of the students in this group did not take a college entrance exam, thus we do not report average exam scores. A small number of students in this group took an entrance exam, but did not provide responses to the student questionnaire sections related to courses taken in high school. These student questionnaires are the source of high school course-taking information contained in this report.

## High School Experiences and Outcomes by Ohio Higher Education Institution

Ohio Recent High School Graduates Enrolled as First-Time College Freshmen, Fall 2002

**Note:** The results in this table apply to a narrowly defined population of students made up of recent graduates of Ohio high schools who attend college right after high school graduation. These results are not intended to be a profile of each institution's entire freshman class, since some schools enroll significant proportions of older students and students from outside Ohio. In addition, the results for independent institutions reflect only the data collected on full-time Choice Grant recipients, which may not be completely representative of student bodies that include part-time students.

Institution	First-Year Ohio College Students Fall 2002	Percent Taking at Least a Minimum College Preparatory Curriculum	Percent Taking a Complete College Preparatory Curriculum	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses in High School	Percent Who are First- Generation College	Average Entrance Exam Score (ACT scale)
STATEWIDE	60,587	71%	24%	12%	7%	42%	22
Community Colleges	5,749	58%	12%	1%	5%	52%	19
Cuyahoga Community College, Eastern	341	47%	11%	1%	3%	44%	17
Cuyahoga Community College, Metro	325	56%	9%	0%	3%	54%	16
Cuyahoga Community College, Western	1,257	58%	13%	1%	1%	53%	19
Jefferson Community College	192	53%	11%	0%	8%	56%	19
Lakeland Community College	883	60%	10%	2%	1%	53%	19
Lorain County Community College	981	58%	14%	2%	12%	52%	20
Rio Grande Community College	217	63%	12%	0%	3%	51%	20
Sinclair Community College	1,553	59%	10%	1%	5%	52%	19
State Community Colleges	4,948	51%	10%	0%	3%	53%	19
Cincinnati State Tech. & Community College	278	67%	16%	1%	0%	47%	18
Clark State Community College	293	46%	5%	1%	0%	53%	19
Columbus State Community College	1,835	58%	12%	1%	2%	46%	18
Edison State Community College	222	59%	13%	0%	0%	64%	20
Northwest State Community College	310	45%	7%	0%	1%	55%	20
Owens State Community College, Findlay	191	38%	7%	0%	1%	56%	18
Owens State Community College, Toledo	1,152	43%	6%	0%	2%	55%	18
Southern State Community College, Central	128	45%	15%	0%	10%	62%	19

Institution	First-Year Ohio College Students Fall 2002	Percent Taking at Least a Minimum College Preparatory Curriculum	Percent Taking a Complete College Preparatory Curriculum	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses in High School	Percent Who are First- Generation College	Average Entrance Exam Score (ACT scale)
State Community Colleges (Continued)							
Southern State Community College, Fayette	30	56%	19%	0%	3%	71%	18
Southern State Community College, North	70	47%	4%	0%	4%	68%	19
Southern State Community College, South	80	41%	13%	0%	9%	58%	19
Terra State Community College	282	42%	9%	0%	16%	62%	19
Washington State Community College	77	71%	15%	0%	1%	59%	19
Technical Colleges	2,543	44%	8%	0%	4%	61%	18
Belmont Technical College	238	41%	8%	0%	0%	62%	17
Central Ohio Technical College	176	39%	7%	0%	20%	62%	19
Hocking Technical College	829	46%	8%	0%	4%	59%	18
James A. Rhodes State College	262	40%	6%	0%	1%	59%	18
Marion Technical College	147	43%	6%	0%	1%	64%	18
North Central State College	225	44%	7%	0%	2%	70%	19
Stark State College of Technology	488	47%	11%	0%	6%	59%	19
Zane State College	178	44%	5%	0%	2%	63%	18
University Regional Campuses	6,552	58%	13%	2%	6%	54%	20
Bowling Green State University, Firelands	187	48%	1%	2%	6%	62%	20
Kent State University, Ashtabula Campus	120	40%	14%	1%	12%	60%	19
Kent State University, East Liverpool Campus	52	43%	11%	2%	4%	46%	19
Kent State University, Geauga Campus	65	48%	15%	6%	5%	66%	20
Kent State University, Salem Campus	131	39%	5%	0%	5%	68%	19
Kent State University, Stark Campus	525	60%	10%	2%	6%	52%	20
Kent State University, Trumbull Campus	250	49%	11%	2%	3%	54%	19
Kent State University, Tuscarawas Campus	276	49%	15%	0%	9%	64%	20
Miami University, Hamilton Campus	493	69%	14%	4%	1%	49%	20

Institution	First-Year Ohio College Students Fall 2002	Percent Taking at Least a Minimum College Preparatory Curriculum	Percent Taking a Complete College Preparatory Curriculum	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses in High School	Percent Who are First- Generation College	Average Entrance Exam Score (ACT scale)
University Regional Campuses (Continued)							
Miami University, Middletown Campus	305	67%	17%	1%	2%	53%	20
OSU, Agricultural Technical Institute	283	39%	6%	0%	4%	54%	19
Ohio State University, Lima Campus	328	56%	17%	1%	5%	52%	20
Ohio State University, Mansfield Campus	335	61%	17%	3%	8%	49%	20
Ohio State University, Marion Campus	363	60%	14%	2%	11%	54%	20
Ohio State University, Newark Campus	658	65%	14%	4%	7%	49%	20
Ohio University, Chillicothe Campus	269	61%	21%	4%	8%	55%	20
Ohio University, Eastern Campus	150	60%	14%	1%	7%	49%	20
Ohio University, Lancaster Campus	230	64%	14%	2%	11%	45%	20
Ohio University, Southern Campus	149	56%	16%	1%	15%	57%	19
Ohio University, Zanesville Campus	290	60%	16%	2%	11%	54%	20
University of Akron, Wayne Campus	228	54%	8%	1%	2%	60%	20
University of Cincinnati, Clermont Campus	344	50%	13%	1%	4%	59%	19
University of Cincinnati, Raymond Walters	383	61%	10%	3%	3%	52%	19
Wright State University, Lake Campus	138	72%	19%	0%	9%	55%	21
University Main Campuses	29,693	76%	29%	16%	8%	37%	22
Bowling Green State University	3,199	72%	20%	7%	9%	37%	21
Central State University	200	55%	10%	0%	4%	53%	15
Cleveland State University	751	66%	17%	5%	2%	55%	19
Kent State University	3,001	72%	19%	8%	6%	42%	21
Miami University	2,284	89%	48%	42%	10%	22%	26
Ohio State University	4,975	87%	43%	33%	14%	27%	25
Ohio University	3,039	83%	33%	19%	4%	27%	23
Shawnee State University	550	56%	14%	0%	6%	58%	19

Institution	First-Year Ohio College Students Fall 2002	Percent Taking at Least a Minimum College Preparatory Curriculum	Percent Taking a Complete College Preparatory Curriculum	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses in High School	Percent Who are First- Generation College	Average Entrance Exam Score (ACT scale)
University Main Campuses (Continued)							
University of Akron	2,322	64%	21%	6%	4%	46%	20
University of Cincinnati	2,771	78%	29%	18%	4%	36%	22
University of Toledo	3,178	70%	25%	8%	11%	41%	21
Wright State University	1,984	74%	23%	8%	10%	42%	21
Youngstown State University	1,439	58%	19%	4%	2%	54%	20
Independent Colleges & Universities	11,102	78%	30%	19%	7%	36%	23
Allegheny Wesleyan College	1	NA	NA	NA	NA	NA	NA
Antioch University	29	73%	15%	28%	7%	31%	24
Art Academy of Cincinnati	17	57%	7%	6%	0%	46%	20
Ashland University	489	72%	24%	11%	8%	38%	22
Baldwin-Wallace College	588	86%	33%	22%	9%	36%	23
Bluffton University	198	68%	21%	6%	7%	44%	23
Capital University	487	79%	29%	14%	7%	35%	23
Case Western Reserve University	381	92%	56%	70%	14%	23%	29
Cedarville University	178	81%	25%	13%	9%	22%	24
Cincinnati Bible College	54	63%	10%	7%	11%	38%	22
Circleville Bible College	24	58%	17%	8%	0%	57%	21
Cleveland Institute Of Art	63	70%	18%	25%	5%	35%	21
Cleveland Institute of Music	5	NA	NA	NA	NA	NA	NA
College of Mount Saint Joseph	237	78%	23%	13%	2%	39%	21
College of Wooster	208	86%	38%	38%	9%	20%	25
Columbus College of Art and Design	145	46%	10%	7%	7%	30%	21
David N. Myers University	7	50%	0%	0%	0%	57%	18
Defiance College	105	68%	15%	5%	5%	50%	21

Institution	First-Year Ohio College Students Fall 2002	Percent Taking at Least a Minimum College Preparatory Curriculum	Percent Taking a Complete College Preparatory Curriculum	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses in High School	Percent Who are First- Generation College	Average Entrance Exam Score (ACT scale)
Independent Colleges & Universities (Continue	ed)						
Denison University	216	92%	51%	54%	6%	18%	26
Franciscan University of Steubenville	46	93%	39%	7%	15%	22%	23
Franklin University	13	50%	8%	0%	8%	69%	18
God's Bible School and College	5	NA	NA	NA	NA	NA	NA
Heidelberg College	243	67%	22%	7%	8%	43%	21
Hiram College	172	77%	29%	21%	9%	40%	23
John Carroll University	574	86%	41%	30%	8%	28%	23
Kenyon College	66	90%	40%	76%	14%	16%	29
Lake Erie College	79	72%	24%	14%	9%	63%	20
Lourdes College	26	69%	23%	0%	8%	38%	20
Malone College	281	68%	22%	9%	5%	45%	22
Marietta College	129	83%	30%	17%	4%	47%	23
MedCentral College of Nursing	13	77%	15%	0%	15%	58%	22
Mercy College of Northwest Ohio	15	47%	20%	0%	13%	55%	20
Mount Carmel College of Nursing	33	59%	19%	0%	6%	55%	19
Mount Union College	499	73%	21%	7%	6%	41%	22
Mount Vernon Nazarene University	267	71%	21%	7%	8%	38%	22
Muskingum College	366	75%	18%	7%	6%	41%	21
Notre Dame College of Ohio	60	83%	19%	10%	7%	52%	21
Oberlin College	34	81%	44%	59%	15%	23%	28
Ohio Dominican University	212	77%	25%	6%	3%	44%	21
Ohio Northern University	582	83%	38%	20%	9%	31%	24
Ohio Wesleyan University	254	84%	38%	32%	6%	31%	23
Otterbein College	458	77%	23%	13%	7%	37%	22

Institution	First-Year Ohio College Students Fall 2002	Percent Taking at Least a Minimum College Preparatory Curriculum	Percent Taking a Complete College Preparatory Curriculum	Percent Taking an Advanced Placement Test in High School	Percent Taking College Courses in High School	Percent Who are First- Generation College	Average Entrance Exam Score (ACT scale)
Independent Colleges & Universities (Continue	ed)						
Pontifical College Josephinum	4	NA	NA	NA	NA	NA	NA
Temple Baptist College	12	75%	8%	0%	0%	17%	17
Tiffin University	187	67%	17%	4%	3%	42%	19
University of Dayton	990	85%	41%	28%	5%	22%	24
University of Findlay	452	74%	18%	4%	8%	47%	21
University of Northwestern Ohio	4	NA	NA	NA	NA	NA	NA
Urbana University	88	50%	6%	2%	1%	52%	19
Ursuline College	83	73%	24%	12%	1%	49%	20
Walsh University	268	72%	25%	7%	8%	46%	21
Wilberforce University	62	76%	14%	8%	2%	58%	16
Wilmington College	291	69%	20%	3%	4%	54%	21
Wittenberg University	416	83%	35%	22%	9%	29%	23
Xavier University	386	88%	41%	39%	6%	23%	24

## **First-Year College Experiences and Outcomes**

# Ohio Recent High School Graduates Enrolled as First-Time College Freshmen in Ohio Fall 2002 – *Public Colleges and Universities*

**Note:** The results in the following tables apply to a narrowly defined population of students made up of recent graduates of Ohio high schools who attend college right after high school graduation. These results are not intended to be a profile of each institution's entire freshman class, since some schools enroll significant proportions of older students and students from outside Ohio. In addition, the results for independent institutions reflect only the data collected on full-time Choice Grant recipients, which may not be completely representative of student bodies that include part-time students.

Institution	First-Year College Students Fall 2002	Average First Term GPA	Percent Attending College Full-Time	Percent Returning to Any Ohio Institution the Following Year	Percent Transferring to another Ohio Institution the Following Year	Percent of First-Year Students Taking Remedial Courses
STATEWIDE	49,485	2.7	92%	79%	15%	39%
Community Colleges	5,749	2.4	76%	67%	16%	68%
Cuyahoga Community College, Eastern Campus	341	2.2	55%	57%	36%	81%
Cuyahoga Community College, Metro Campus	325	2.2	57%	51%	25%	82%
Cuyahoga Community College, Western Campus	1,257	2.4	76%	69%	17%	79%
Jefferson Community College	192	2.6	93%	67%	9%	53%
Lakeland Community College	883	2.2	76%	66%	19%	49%
Lorain County Community College	981	2.3	81%	69%	12%	62%
Rio Grande Community College	217	2.9	98%	82%	14%	76%
Sinclair Community College	1,553	2.5	78%	67%	11%	68%
State Community Colleges	4,948	2.5	76%	63%	13%	69%
Cincinnati State Technical & Community College	278	3.0	84%	55%	11%	70%
Clark State Community College	293	2.5	77%	57%	15%	60%
Columbus State Community College	1,835	2.5	74%	63%	13%	81%
Edison State Community College	222	2.5	81%	61%	11%	51%
Northwest State Community College	310	2.7	82%	68%	11%	51%
Owens State Community College, Findlay Campus	191	2.4	73%	65%	23%	75%

Institution	First-Year College Students Fall 2002	Average First Term GPA	Percent Attending College Full-Time	Percent Returning to Any Ohio Institution the Following Year	Percent Transferring to another Ohio Institution the Following Year	Percent of First-Year Students Taking Remedial Courses
State Community Colleges (Continued)						
Owens State Community College, Toledo Campus	1,152	2.4	78%	65%	9%	78%
Southern State Community College, Central Campus	128	3.0	68%	59%	27%	39%
Southern State Community College, Fayette Campus	30	2.6	47%	63%	56%	33%
Southern State Community College, North Campus	70	2.8	66%	61%	33%	40%
Southern State Community College, South Campus	80	2.9	66%	68%	23%	24%
Terra State Community College	282	2.8	82%	63%	13%	37%
Washington State Community College	77	2.8	86%	66%	12%	43%
Technical Colleges	2,543	2.6	86%	64%	14%	61%
Belmont Technical College	238	3.0	96%	60%	11%	81%
Central Ohio Technical College	176	2.7	69%	65%	12%	63%
Hocking Technical College	829	2.4	94%	63%	21%	71%
James A. Rhodes State College	262	2.6	91%	73%	6%	51%
Marion Technical College	147	2.5	86%	67%	9%	45%
North Central State College	225	2.7	62%	63%	12%	52%
Stark State College of Technology	488	2.6	81%	62%	14%	49%
Zane State College	178	2.8	90%	66%	9%	58%
University Regional Campuses	6,552	2.6	91%	72%	26%	49%
Bowling Green State University, Firelands Campus	187	2.5	89%	68%	32%	71%
Kent State University, Ashtabula Campus	120	2.5	83%	64%	16%	78%
Kent State University, East Liverpool Campus	52	2.4	92%	79%	27%	79%
Kent State University, Geauga Campus	65	2.6	68%	80%	37%	72%
Kent State University, Salem Campus	131	2.6	94%	70%	16%	74%
Kent State University, Stark Campus	525	2.5	89%	71%	26%	62%
Kent State University, Trumbull Campus	250	2.4	92%	65%	12%	77%

Institution	First-Year College Students Fall 2002	Average First Term GPA	Percent Attending College Full-Time	Percent Returning to Any Ohio Institution the Following Year	Percent Transferring to another Ohio Institution the Following Year	Percent of First-Year Students Taking Remedial Courses
University Regional Campuses (Continued)						
Kent State University, Tuscarawas Campus	276	2.6	91%	69%	11%	66%
Miami University, Hamilton Campus	493	2.3	91%	67%	19%	34%
Miami University, Middletown Campus	305	2.5	90%	73%	24%	31%
Ohio State University, Agricultural Technical Institute	283	2.6	98%	76%	16%	34%
Ohio State University, Lima Campus	328	2.5	96%	76%	31%	31%
Ohio State University, Mansfield Campus	335	2.6	97%	75%	40%	43%
Ohio State University, Marion Campus	363	2.7	91%	76%	37%	44%
Ohio State University, Newark Campus	658	2.5	95%	79%	54%	39%
Ohio University, Chillicothe Campus	269	2.6	71%	76%	28%	45%
Ohio University, Eastern Campus	150	3.0	99%	79%	23%	44%
Ohio University, Lancaster Campus	230	2.5	88%	65%	31%	59%
Ohio University, Southern Campus	149	2.7	96%	64%	9%	52%
Ohio University, Zanesville Campus	290	2.8	98%	79%	23%	37%
University of Akron, Wayne Campus	228	2.6	88%	70%	22%	38%
University of Cincinnati, Clermont Campus	344	2.5	89%	65%	5%	72%
University of Cincinnati, Raymond Walters Campus	383	2.5	83%	70%	15%	61%
Wright State University, Lake Campus	138	2.8	95%	77%	21%	12%
University Main Campuses	29,693	2.8	98%	87%	12%	25%
Bowling Green State University	3,199	2.7	100%	90%	17%	18%
Central State University	200	2.3	100%	63%	12%	4%
Cleveland State University	751	2.6	97%	77%	18%	61%
Kent State University	3,001	2.6	99%	87%	15%	37%
Miami University	2,284	3.0	100%	97%	7%	0%
Ohio State University	4,975	3.0	99%	94%	6%	5%

Institution	First-Year College Students Fall 2002	Average First Term GPA	Percent Attending College Full-Time	Percent Returning to Any Ohio Institution the Following Year	Percent Transferring to another Ohio Institution the Following Year	Percent of First-Year Students Taking Remedial Courses
University Main Campuses (Continued)						
Ohio University	3,039	2.9	99%	95%	12%	7%
Shawnee State University	550	2.5	99%	70%	11%	41%
University of Akron	2,322	2.7	96%	78%	13%	33%
University of Cincinnati	2,771	2.7	98%	81%	11%	39%
University of Toledo	3,178	2.7	90%	85%	17%	42%
Wright State University	1,984	2.6	99%	85%	19%	29%
Youngstown State University	1,439	2.7	97%	80%	7%	55%

# **First-Year College Experiences and Outcomes**

Ohio Recent High School Graduates Enrolled as First-Time College Freshmen in Ohio Fall 2002 – *Independent Colleges and Universities* 

Institution	First-Year College Students	Percent Returning to Any Ohio Institution the Following Year	Percent Transferring to another Ohio Institution the Following Year
Independent Colleges & Universities	11,102	91%	12%
Allegheny Wesleyan College	1	NA	NA
Antioch University	29	90%	10%
Art Academy of Cincinnati	17	94%	0%
Ashland University	489	91%	14%
Baldwin-Wallace College	588	96%	10%
Bluffton University	198	93%	16%
Capital University	487	90%	14%
Case Western Reserve University	381	97%	4%
Cedarville University	178	94%	12%
Cincinnati Bible College	54	78%	19%
Circleville Bible College	24	92%	8%
Cleveland Institute Of Art	63	84%	10%
Cleveland Institute of Music	5	NA	NA
College of Mount Saint Joseph	237	88%	13%
College of Wooster	208	96%	8%
Columbus College of Art and Design	145	84%	3%
David N. Myers University	7	71%	0%
Defiance College	105	91%	13%
Denison University	216	98%	9%

Institution	First-Year College Students	Percent Returning to Any Ohio Institution the Following Year	Percent Transferring to another Ohio Institution the Following Year
Independent Colleges & Universities (Continued)			
Franciscan University of Steubenville	46	85%	13%
Franklin University	13	100%	15%
God's Bible School and College	5	NA	NA
Heidelberg College	243	83%	16%
Hiram College	172	85%	10%
John Carroll University	574	96%	7%
Kenyon College	66	100%	3%
Lake Erie College	79	80%	20%
Lourdes College	26	77%	0%
Malone College	281	87%	10%
Marietta College	129	89%	14%
MedCentral College of Nursing	13	100%	0%
Mercy College of Northwest Ohio	15	87%	13%
Mount Carmel College of Nursing	33	88%	12%
Mount Union College	499	95%	14%
Mount Vernon Nazarene University	267	85%	15%
Muskingum College	366	90%	19%
Notre Dame College of Ohio	60	92%	10%
Oberlin College	34	97%	6%
Ohio Dominican University	212	82%	23%
Ohio Northern University	582	94%	11%
Ohio Wesleyan University	254	90%	10%
Otterbein College	458	93%	13%
Pontifical College Josephinum	4	NA	NA

Institution	First-Year College Students	Percent Returning to Any Ohio Institution the Following Year	Percent Transferring to another Ohio Institution the Following Year
Independent Colleges & Universities (Continued)			
Temple Baptist College	12	50%	0%
Tiffin University	187	84%	21%
University of Dayton	990	96%	9%
University of Findlay	452	87%	15%
University of Northwestern Ohio	4	NA	NA
Urbana University	88	73%	18%
Ursuline College	83	88%	16%
Walsh University	268	89%	17%
Wilberforce University	62	92%	11%
Wilmington College	291	85%	15%
Wittenberg University	416	94%	12%
Xavier University	386	95%	6%

## Glossary

**Advanced Placement:** The College Board's Advanced Placement Program® enables students to pursue college-level studies while still in high school. The AP Program offers 34 courses in 19 subject areas. Based on their performance on AP Exams, students can earn credit and/or advanced placement for college.

**College Entrance Exams:** Standardized tests taken by students and whose scores are used by colleges and universities as admissions criteria. The most common college entrance exams are the ACT and SAT. *In this report, average test scores are calculated only for those students who take either the ACT or SAT.* 

College Going Rate: The percentage of high school graduates (public and private) who enroll as first-time freshmen at any Title IV, degree-granting college or university in the United States within one year of high school graduation. The number of high school graduates was obtained from the U.S. Department of Education's National Center for Education Statistics; enrollment data was obtained from IPEDS. Note that in calculating the in-state college-going rate for district types and individual schools, the number of high school graduates were obtained from the Ohio Department of Education and enrollment data was obtained from HEI.

**Complete College Preparatory Core:** A high school academic curriculum that includes four years each of English, math, and social studies, and at least three years of science courses that include biology, chemistry, and physics. *High school course-taking data is obtained from ACT and SAT. The data are self-reported by students taking these exams.* 

**District Type:** A classification of high school districts supplied by the Ohio Department of Education that considers such factors as population density, income and poverty levels, college attainment, and workforce demographics. The following are brief descriptions of each district type:

**Rural – high poverty:** These districts tend to be rural districts from the Appalachian area of Ohio. As a group they have the lowest SES profiles as measured by average income levels and percent of population with some college experience.

**Rural:** These tend to be small, very rural districts outside of Appalachia.

**Small Town – moderate SES:** These districts tend to be small economic centers in rural areas of the state outside of Appalachia. The districts tend to contain both some agricultural and some small town economic characteristics.

**Small Town – very high poverty:** These districts tend to be small or medium size "blue collar" cities and towns with very high poverty rates. Among small cities and towns, they generally have the lowest SES characteristics.

**Urban – moderate SES:** These districts tend to be both larger and have a higher SES profile than small town districts. Poverty levels are average.

**Major City – extremely high poverty:** This group of districts includes all of the large urban centers that have high concentrations of poverty.

**Suburban/urban – high SES:** These districts typically surround major urban centers. While they often contain industrial economic activity and modest poverty levels, they are more generally characterized as upper SES communities with a highly professional/administrative population.

**Suburban - very high SES:** These districts also surround major urban centers. They are distinguished by very high income levels, almost no poverty, and a very high proportion of its population characterized as professional/administrative.

**First-Generation College:** A college student both of whose parents' highest level of education completed was less than college. This data are obtained from information supplied on the student's Free Application for Federal Student Aid (FAFSA). The first-generation college percent is only calculated for those students who completed a FAFSA and reported their parents' highest level of education completed.

## Glossary

**Full-Time:** Enrolled for 12 or more credit hours if attending a public college or university; or any enrollment at an Ohio independent college or university. Note that the Ohio Board of Regents receives data only on private enrollments who receive state aid. A large majority of these students receive an Ohio Student Choice Grant which requires full-time enrollment. Data included in this report on Ohio private college enrollments are limited to Student Choice Grant recipients.

**Minimum College Preparatory Core:** A high school academic curriculum that includes four years of English and three years each of math, social studies, and science. *High school course-taking data is obtained from ACT and SAT. The data are self-reported by students taking these exams.* 

**Postsecondary Enrollment Options (PSEO):** A program instituted by the State of Ohio in 1990 to allow eligible high school students to take college courses while still enrolled in high school.

#### Recent High School Graduate:

IPEDS Definition: First-time, first-year, degree-seeking freshman enrolled in college within twelve months of high school graduation.

HEI Definition: First-time, first-year undergraduate student whose year of high school graduation is the same as their year of first enrollment in college.

**Remedial Education:** Courses in reading, writing, or mathematics taken by college students who lack the skills required to perform college-level coursework at the institution's required level. The term "remedial" is often used interchangeably with the term "developmental". However, remedial education can be more narrowly defined to apply only to students who recently graduated from high school and were not adequately prepared for college-level coursework (as opposed to students who return to college after an extended

period of time and need to refresh skills they learned many years ago).

**Socioeconomic Status (SES):** A measure of social and economic well-being that includes factors such as income, percentage of the population with a college education, and percentage of the population employed in professional or administrative occupations.