

## CTE STUDY UPDATE

### Indiana Career and Technical Education Longitudinal Study

#### INDIANA CTE LONGITUDINAL STUDY

The CTE study began in 2006 when administrators and researchers developed a survey that would measure student outcomes. The purpose of the study was to: To gain an understanding of students' personal, educational, and employment outcomes after completing programs in CTE; Focuses on students' education and employment as it pertained to their participation, status, and plans; Follows a sample group of 400 Indiana students for five years by administering yearly surveys; Determines changes in student perception of satisfaction with CTE in Indiana, among other variables.

In 2006 researchers selected 400 students willing to participate in the study for the next five years. The students were randomly selected and were stratified into geographic areas, CTE programs, and genders. The study methodology was simple as it: Established sample group which represents the population of Indiana CTE graduates; Surveys a sample

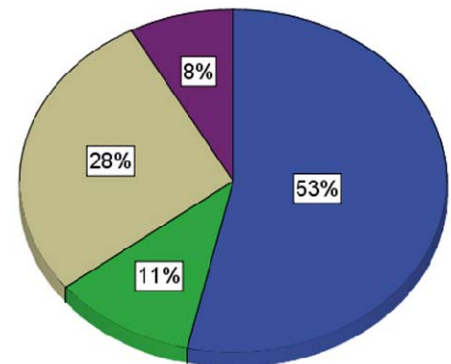
group of students that graduated in 2006 from CTE programs in Indiana one every year for five years; Uses a self-report survey developed by members of IACTED to measure CTE program participants; Reports the data showing differences between years and demographic groups within the study

The survey questions were developed with help from the Indiana Association for Career and Technical Education Districts (IACTED). Many of the questions intentionally mirror national data so that the data from Indiana can be compared to national data sets. The study is in year two as the first year 2006 established the baseline. In 2007 students participated in the study providing the year one data. Year two data is still being processed by the research team. Each year the research team will publish its findings with the IACTED.

#### SCHOOL AND WORK STATUS

An overwhelming majority of CTE graduates in the study are either working full time or going to school full time. Some are doing both. The results show that graduates are able to pursue a university education or be skilled and able to work.

- For those presently working a clear majority are "highly satisfied" or "satisfied" with job and are "highly likely" or "likely" to stay w/ job for at least the next 6 months



#### PRESENTLY ENROLLED

53% Enrolled full-time in college/university degree program; 11% Enrolled part-time in college/university degree program; 28% Not enrolled in college/university degree program.

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#### YEAR ONE HIGHLIGHTS:

##### EDUCATIONAL HIGHLIGHTS

- 64% of participants are enrolled full- or part-time in college/university program:
- Two-thirds are studying something related to CTE prep
- Two-thirds anticipate they will attain a 4-year degree or higher by age 30
- Yet, overwhelming majority 85% anticipate future enrollment in postsecondary education (either within one year or the next 5-10 years)

##### EMPLOYMENT HIGHLIGHTS

- Overwhelming majority 75% are working either full- or part-time
- Over one-third indicate that their present job is directly-related to CTE preparation
- Slightly more than one-third participated in training (not postsecondary ed.) related to CTE preparation

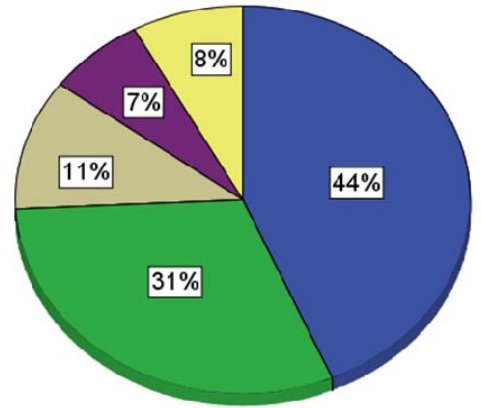
##### PERSONAL HIGHLIGHTS

- A strong majority 95% indicate they are "highly likely" or "likely" to reside and work (full- or part-time) in Indiana the next 5 years (no brain drain!)

- Two-Thirds are studying something related to CTE prep.
- Overwhelming majority 73% are either “highly satisfied” or “satisfied” with their present college/ university program. Of those not presently enrolled in post secondary education:
- Nearly one-third would rather make money than go to school; Yet, overwhelming majority anticipate future enrollment in postsecondary education (either within one year or the next 5-10 years)

**PRESENTLY WORKING**

44% Working full time (30+ hours/week); 31% Working part time (fewer than 30 hours/week); 11% Looking for a job; 7% Not working at all.



**COMPARISON TO NATIONAL DATA**

This study also looks at National Data, from the U.S. Department of Education, as a comparison as 64% of study participants are enrolled full-time or part-time in a college/university degree program. This compares to the national data showing that Indiana CTE graduates enroll more than the national average. To be considered for the study the student had to complete at least 3 credit hours. CTE graduates also

**National Data: Table H42**

First postsecondary institution type	Occupational credits earned in high school			
	None	0.01–1.99	2.00–3.99	4.00 or more
All 4-year institutions	76%	67%	53%	37%
All less-than-4-year institutions	24%	32%	47%	62%

SOURCE: U.S. Department of Education, National Center for Education Statistics, The National Education Longitudinal Study of 1988 (NELS:88/2000), "Fourth Follow-up, 2000."

understand the importance of higher education as half consider having a 4 year degree before they are 30. Nearly 20% consider at 2 year or community college education .

**CONTACT US.**

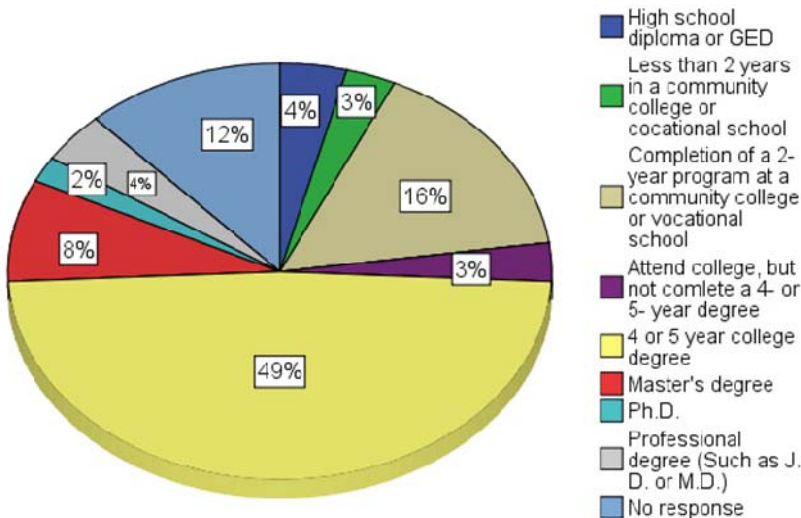
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**CTE IMPORTANCE OF EDUCATION**



How much education do you think you need to get the job you expect or plan to have when you are 30 years old?