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Help



> Introduction to Post Secondary Education

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**Introduction to
Postsecondary Education
Sample Survey Data**

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> Introduction to Post Secondary Education > Module Objectives 00:02:24

Module Objectives

- Provide an overview of NCES postsecondary education sample survey data
 - Cross-sectional study
 - [National Postsecondary Student Aid Study \(NPSAS\)](#)
 - Longitudinal studies
 - [Beginning Postsecondary Students Longitudinal Study \(BPS\)](#)
 - [Baccalaureate and Beyond Longitudinal Study \(B&B\)](#)
- Introduce you to the NPSAS, BPS, and B&B and their:
 - Target populations;
 - Sample and study designs; and
 - Data collection years and data sources.
- Highlight the broad topics for which data are available for analysis.

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> Introduction to Post Secondary Education > Postsecondary Data Collections and Chronology 00:00:43

Postsecondary Data Collections and Chronology

NPSAS:87			
NPSAS:90	BPS:90/92	BPS:90/94	
NPSAS:93	B&B:93/94	B&B:93/97	B&B:93/03*
NPSAS:96	BPS:96/98	BPS:96/01	
NPSAS:00	B&B:00/01		
NPSAS:04	BPS:04/06	BPS:04/09*	
NPSAS:08	B&B:08/09*	B&B:08/12	B&B:08/18 (tentative)
NPSAS:12	BPS:12/14	BPS:12/17*	BPS:12/19 (tentative)

*Postsecondary education transcripts collected.

- NPSAS has been conducted every three or four years since 1986-87 and serves as base year data collection for two longitudinal studies that are collected in alternating cycles:
 - Beginning Postsecondary Students Longitudinal Study (BPS), and
 - Baccalaureate and Beyond Longitudinal Study (B&B)

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> Introduction to Post Secondary Education > NPSAS: Purpose 00:01:18

National Postsecondary Student Aid Study (NPSAS): Purpose

- Examine how students and their families pay for college.
- Examine the characteristics of students enrolled in all levels of postsecondary education.
 - Nationally representative of all undergraduate and graduate students attending Title IV participating postsecondary institutions by institution sector.
- Legislatively mandated data collection to help inform of the federal government's investment in financing students' postsecondary education.

 NPSAS

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> Introduction to Post Secondary Education > NPSAS Target Population 00:01:00

NPSAS Target Population

- Undergraduate and graduate students enrolled in Title IV participating institutions
 - of all attendance statuses (e.g., full- or part-time)
 - with or without financial aid
 - in all types (i.e., sectors) of institutions
 - All levels (e.g., less-than 2-year, 2-year, and 4-or-more-years)
 - All controls (i.e., public, private not-for-profit, private for-profit)

 NPSAS

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> Introduction to Post Secondary Education > NPSAS Two-Stage Sampling Design 00:00:53

NPSAS Two-Stage Sampling Design

- Stage 1 – Institution sample
 - Stratify all Title IV institutions by institution type, select institutional sample with probabilities proportional to a measure of size
- Stage 2 – Student sample
 - Stratify enrollment lists that are gathered from the sampled institutions by student type; then select student sample.

 NPSAS

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> Introduction to Post Secondary Education > NPSAS Data Sources 00:01:46

NPSAS Data Sources

- Student interview
- Institutional student records
- Department of Education administrative records, including:
 - Central Processing System (contains data from Free Application for Federal Student Aid, or FAFSA)
 - National Student Loan Data System (federal loans, Pell grants)
 - Integrated Postsecondary Education Data System (IPEDS)
- National Student Clearinghouse (enrollment history) and other external administrative data sources

 NPSAS

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> Introduction to Post Secondary Education > NPSAS Data Elements 00:00:21

NPSAS Data Elements

- Student demographic characteristics
- Pre-college characteristics
- Institutional characteristics
- Enrollment histories
- Detailed information on college financing
- College experiences

 NPSAS

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> Introduction to Post Secondary Education > NPSAS Research Questions 00:01:20

NPSAS Research Questions

NPSAS addresses research questions such as:

- How do students and families pay for postsecondary education?
- How have costs and financial aid packages changed over the years?
- Why do some students receive more financial aid than other students from apparently similar backgrounds?
- How much have students and families borrowed to pay for postsecondary education?
- How do aided and nonaided students compare on total resources available for education and other expenses?
- What are the family characteristics of aided and non-aided students?

 NPSAS

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> Introduction to Post Secondary Education > BPS Longitudinal Study 00:00:58

Beginning Postsecondary Students (BPS) Longitudinal Study

- Describes the educational progress, persistence, degree attainment, and work experiences of first-time students at the end of their 1st year, 3rd year, and 6th year.
 - Nationally representative of first-time beginning students (FTBs)
 - Follows a first-time entering student cohort, instead of a grade/age cohort
 - Includes older students who delayed entering college
 - Includes first-time students at all types of institutions



BPS

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> Introduction to Post Secondary Education > BPS Purpose and Overview 00:00:48

BPS Purpose and Overview

- Longitudinal study designed to collect data related to two key research domains:
 - persistence in, and completion of, postsecondary education programs, and
 - workforce outcomes for students in short-cycle degree programs.
- Generates two key indicators of student progress:
 - The proportion of students who complete a certificate or degree program at their **first institution** within 6 years
 - The proportion of students who complete a certificate or degree program **anywhere** within 6 years

 BPS

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> Introduction to Post Secondary Education > BPS Data Collections 00:00:45

BPS Data Collections

Cohort Year/ Base Year	3 rd Year Follow-up	6 th Year Follow-up
1989-90 (NPSAS:90)	1992 (BPS:90/92)	1994* (BPS:90/94)
1995-96 (NPSAS:96)	1998 (BPS:96/98)	2001 (BPS:96/01)
2003-04 (NPSAS:04)	2006 (BPS:04/06)	2009 (BPS:04/09)
2011-12 (NPSAS:12)	2014 (BPS:12/14)	2017 (BPS:12/17)

*1989-90 cohort only followed-up to 5 years


BPS

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> Introduction to Post Secondary Education > BPS Target Population 00:01:05

BPS Target Population

- First-time beginning students who were enrolled in postsecondary education in a given academic year for the first time since completing high school (or a GED).
- It includes students who entered college with advanced standing (i.e., college credits earned before graduation from high school).

 BPS



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> Introduction to Post Secondary Education > BPS Data Sources 00:00:51

BPS Data Sources

	Base Year	3 rd Year Follow-up	6 th Year Follow-up
Student Interview			
	X	X	X
Institutional Records			
Institutional Student Records	X		
All Undergraduate Transcripts			X
Department of Education Administrative Records			
Central Processing System (FAFSA)	X	X	X
National Student Loan Data System	X	X	X
Integrated Postsecondary Education Data System (IPEDS)	X	X	X
External Administrative Records			
National Student Clearinghouse	X	X	X
College Testing Services	X		


BPS

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> Introduction to Post Secondary Education > BPS Topics 00:00:18

BPS Topics

Base Year	3 rd Year Follow-Up	6 th Year Follow-up	Postsecondary Education Transcripts (2004 cohort)
Student Demographic Characteristics	Degrees or certificates earned	Degrees or certificates earned	
Pre-college characteristics	Education expectations and collegiate experiences	Early workforce outcomes (if applicable)	
Enrollment histories	Enrollment histories	Enrollment histories	
College financing (all sources)	College financing (federal only)	College financing (federal only)	


BPS

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> Introduction to Post Secondary Education > BPS Research Questions 00:01:59

BPS Research Questions

- What percentage of beginning students complete their degree within six years?
- What are the factors associated with degree completion?
- How is actual attainment related to aspirations?
- What are the outcomes for those who complete a degree and those who leave without a degree?

 BPS

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> Introduction to Post Secondary Education > B&B Longitudinal Study

00:01:06

Baccalaureate and Beyond (B&B) Longitudinal Study

- Provides information concerning graduate education, work experiences, and life after completion of the bachelor's degree.
 - Nationally representative of undergraduate students graduating with baccalaureate degrees.
 - Follows a graduation year cohort, regardless of when they started college.
 - Includes baccalaureate recipients at all types of institutions.
 - Focuses on potential teachers and those entering the teacher workforce.
 - NPSAS serves as the base year with follow-ups at least 1 year later and up to 10 years later.



B&B

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> Introduction to Post Secondary Education > B&B Purpose and Overview 00:00:28

B&B Purpose and Overview

- Longitudinal study designed to collect data related to:
 - Employment and education after the bachelor's degree
 - Relationship of bachelor's degree to work experiences
 - Effect of bachelor's degree on the lives of individuals
 - Repayment of federal education loans
 - New teachers' entry into the profession and career path



B&B



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> Introduction to Post Secondary Education > B&B Data Collections Across Time 00:00:38

B&B Data Collections Across Time (Periodicity)

Cohort Year/ Base Year	1 Year Follow-up	4 Year Follow-up	10 Year Follow-up
1992-93 (NPSAS:93)	1994 (B&B:93/94)	1997 (B&B:93/97)	2003 (B&B:93/03)
1999-2000 (NPSAS:00)	2001 (B&B:00/01)	No follow-up	No follow-up
2007-08 (NPSAS:08)	2009 (B&B:08/09)	2012 (B&B:08/12)	Tentative 2018 follow-up



B&B

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> Introduction to Post Secondary Education > B&B Target Population 00:00:28

B&B Target Population

- Students graduating with baccalaureate degrees in a given academic year regardless of when they started college.



B&B

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> Introduction to Post Secondary Education > B&B Sampling Strategy 00:01:02

B&B Sampling Strategy

- A subsample NPSAS base year sample of members who are identified as graduating bachelor's degree students with:
 - Oversampling from institutions which award high numbers of education degrees
 - Undersampling of business degree recipients

 B&B

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> Introduction to Post Secondary Education > B&B Data Sources 00:00:56

B&B Data Sources

	Base Year	1 st Year Follow-up	4 th Year Follow-up	10 th Year Follow-up
Student Interview	X	X	X	X
Institutional Records				
Institutional Student Records	X			
Bachelor's Institution Transcripts		X		
Department of Education Administrative Records				
Central Processing System (FAFSA)	X	X	X	X
National Student Loan Data System	X	X	X	X
Integrated Postsecondary Education Data System (IPEDS)	X	X	X	X
Common Core of Data/Private School Survey (Teachers Only)		X	X	X
External Administrative Records				
National Student Clearinghouse	X	X	X	X
College Testing Services	X			


B&B

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> Introduction to Post Secondary Education > B&B Data Collections Across Time

00:00:19

B&B Data Collections Across Time (Periodicity)

Base Year		First Follow-up	Second Follow-up	Third Follow-up
Student Demographic Characteristics	Bachelor's Institution Transcript	Degrees or certificates earned	Graduate enrollment	Graduate enrollment
Anticipated employment		Employment history, compensation & working conditions	Employment history, compensation & working conditions	Employment history, compensation & working conditions
Family Formation		Family Formation	Family Formation	Family Formation
College financing (all sources)		College financing & Cumulative Debt	College financing & Cumulative Debt	College financing & Cumulative Debt

B&B

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> Introduction to Post Secondary Education > B&B Research Questions 00:01:04

B&B Research Questions

- How long does it take to complete a bachelor's degree?
- How much do students borrow to complete their postsecondary education?
- Do bachelor's degree recipients enter jobs related to their major field of study?
- What percentage of bachelor's degree recipients attend graduate school?
- How do new college graduates who enter teaching as their first career choice differ from those who enter teaching later in life?

 B&B

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> Introduction to Post Secondary Education > Accessing Postsecondary Education Sample Survey Data 00:01:03

Accessing Postsecondary Education Sample Survey Data



- QuickStats for simple table generation
 - nces.ed.gov/datalab
- PowerStats for table generation
 - nces.ed.gov/datalab
- Restricted-use micro-level data file
 - nces.ed.gov/statprog/instruct.asp
 - [Common Module 5: Acquiring Micro-level NCES Data](#)

The slide is titled "Module Summary" and is part of a presentation on "Introduction to Post Secondary Education". It is presented by the Institute of Education Sciences (IES) and the National Center for Education Statistics (NCES). The slide includes a "Help" button in the top right corner and a timer showing "00:00:25". The main content is a list of learning objectives for the module.

> Introduction to Post Secondary Education > Summary 00:00:25

Module Summary

Now that you have completed this module, you should be able to:

- Describe postsecondary education data sample survey data including the:
 - Cross-sectional sample survey, NPSAS, and
 - Two longitudinal studies, BPS and B&B.
- Describe the NPSAS, BPS, and B&B studies and their:
 - Target populations,
 - Sample and study designs, and
 - Data collection years, data sources, and data collection methods.
- Describe the broad topics for which data are available for analysis.

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> Introduction to Post Secondary Education > Resources 00:00:17

Module Resources

- [PACE homepage](#)
- [NPSAS](#), [BPS](#), and [B&B](#) homepages
- [DataLab](#)
- [License homepage](#)
- [Acquiring Micro-level NCES Data](#)