

Integrated Postsecondary Education Data System (IPEDS) 2016-2019

Supporting Statement Part B OMB Paperwork Reduction Act Submission

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Submitted by:

National Center for Education Statistics
Institute of Education Sciences
U.S. Department of Education

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SECTION B. Description of Statistical Methodology

B.1. Respondent Universe

The primary universe of interest for IPEDS consists of approximately 7,300 institutions that are eligible to participate in Title IV student financial aid programs (according to IPEDS' most recent count). By law, these schools are required to respond to IPEDS (section 490 of the Higher Education Amendments of 1992 (P.L. 102-325). IPEDS allows other (non-title IV) institutions to participate on a voluntary basis. About 200 non-title IV institutions elect to respond, for a total of approximately 7,500 institutions submitting data to IPEDS. Title IV schools are shown by highest level of offering (4-year award or above, 2-year award, less than 2-year award) and by control (public, private not-for-profit, private for-profit):

**Table 47. Title IV Institutions in the IPEDS Universe
Estimated Counts for 2016-17 Collection**

	<u>Total</u>	<u>Public</u>	<u>Private, not-for-profit</u>	<u>Private, for-profit</u>
Total	7,500	2,050	2,000	3,450
4-year	3,200	750	1,700	750
2-year	2,200	1,050	200	950
Less than 2-yr	2,100	250	100	1,750

B.2. Statistical Methodology

There is no sampling done for any of the IPEDS survey components.

Because of the institutional compliance requirements outlined in sections A.1 and A.2, in Part A of this submission, sampling is not an option. This has been discussed at length at meetings of our Technical Review Panel, with other areas of the Department of Education, including the Office for Civil Rights, the Office of Postsecondary Education, the office of Federal Student Aid, and the Office of Vocational and Adult Education, and with other Federal Agencies such as Census, BEA and EEOC.

B.3. Methods to Maximize Response Rates

IPEDS response rates for institutions receiving federal financial aid are consistently 99.8% and higher. IPEDS targets the Title IV institutions (others may respond, but no follow-up is done) and the web-based survey system incorporates an automated e-mail module that automatically generates follow-up e-mail to "keyholders" (individuals appointed by the CEOs as responsible for IPEDS data submission). As shown in section A.16, Table 40, frequent communications occur with the institution over the course of the data collection to ensure compliance with this statutorily mandated collection. Follow-up e-mails are generated if the institution does not attempt to enter data or if, at two weeks and one week before closeout, the components are not locked. The CEOs of non-responding institutions are also contacted by standard mail and with follow up phone calls if, two weeks prior to closeout, the school has not entered any data. New institutions and institutions with new keyholders receive additional telephone and email prompts. This has proven to be very successful in past years. In addition, the names of institutions that do not respond to the IPEDS surveys, and a history of all regular contact with these institutions, is provided to the Federal Student Aid office for appropriate action.

B.4. Tests of Procedures and Methods

The data collection procedures and data items described in this submission have been tested in a number of ways. Most of the data elements requested have already been collected in previous IPEDS surveys and prior to that, similar data elements had been collected for over 20 years in HEGIS.

However, data quality is an overriding concern that NCES must continue to assess and evaluate. One approach is to assess relevant data from different IPEDS components and from different survey years to evaluate the consistency and reliability of reported data. These interrelationships among surveys and relationships over time were used to develop the automated tests used to edit each IPEDS data submission. Edit checks currently help to identify potential problems and provide opportunities to correct them early in the data collection. As the number of institutions that automate their responses to IPEDS increases, it becomes increasingly difficult to fully validate their responses. However, by implementing a web-based data collection effort that requires error resolution and correction *prior to* data submission, NCES has been gathering cleaner data in a more timely fashion. The web-based system still accommodates intermediate reporting units such as community college boards, state university systems offices, and corporate offices.

The web-based data collection method was tested in a successful pilot collection of Institutional Price and Student Financial Aid information in August 1999, and has been in full-scale implementation since the Fall of 2000. Throughout the implementation of the web-based system, as a result of discussions with data providers and associations that use the data, NCES has revised the data collection items, definitions, and instructions based on the recommendations of our constituents, and following appropriate public comment periods.

B.5. Reviewing Individuals

Listed below are individuals who have reviewed, in whole or in part, the IPEDS surveys, and/or participated in Technical Review Panel meetings charged with revising and refining the surveys and data items collected.

Representatives from the National Center for Education Statistics

Samuel Barbett, Mathematical Statistician
Allison Bell, Associate Research Scientist¹
Tiffane Cochran, Program Support Assistant
Christopher Cody, IPEDS Survey Director
Sarah Crissey, Research Scientist
Archie Cubarrubia, IPEDS Survey Director, Student Financial Aid
Cristobal de Brey, Annual Reports and Information
Moussa Ezzeddine, Education Research Scientist
Gigi Jones, Education Research Scientist¹
Kashka Kubzdela, OMB Liaison
Tara Lawley, Statistician
Bao Le, Associate Education Research Scientist
Andrew Mary, Statistician
Stefanie McDonald, IPEDS Survey Director
Elise Miller, Program Director, IPEDS
Jan Plotczyk, Education Statistician
Richard Reeves, Program Director, IPEDS
Ross Santy, Associate Commissioner
Jessica Shedd, Program Director, IPEDS
Sean Simone, Statistician
Thomas Snyder, Program Director, Annual Reports and Information

¹ Individual attended multiple Technical Review Panels at different times and in differing capacities, as a NCES representative and as a representative for another organization.

Jie Sun, Statistical Support Associate
Thomas Weko, Associate Commissioner, Postsecondary, Adult, and Career Education Division

Representatives from Associations, Postsecondary Institutions/Systems, and Other Federal Offices

Cliffard Adelman, Institute for Higher Education Policy
Brenda Albright, National Postsecondary Education Cooperative (NPEC)
Patrick Alles, Independent Colleges of Indiana and University of Indianapolis²
Gary Andeen, Oregon Alliance of Independent Colleges and Universities
Tom Anderson, AFT Higher Education
Eric Atchison, Mississippi Institutions of Higher Learning
Craig Bach, Kaplan University
Brenda Bailey, Minnesota State Colleges & Universities
Thomas Bailey, Teachers College, Columbia University
Frank Balz, National Association of Independent Colleges and Universities (NAICU)
David Bean, Governmental Accounting Standards Board (GASB)
Allison Bell, HCM Strategists¹
David Bergeron, Center for American Progress and Office of Postsecondary Education (OPE)²
Rajika Bhandari, Institute of International Education
Victor Borden, Indiana University
Ronald Bossio, Financial Accounting Standards Board (FASB)
Sandi Bramblett, Georgia Institute of Technology
Joe Braun, Purdue University
Eileen Brennan, Oakland Community College
Chris Brewer, Post Secondary Consultants
Jennifer Brown, University of Massachusetts Boston
Susan Canon, St. Olaf College
Leanne Casale, Skidmore College
Kevin Carey, Education Sector
Julia Carpenter-Hubin, Ohio State University
Barbara Carroll, North Carolina State University
Melodie Christal, Washburn University of Topeka
Margaret Cohen, George Washington University
Valerie Conley, Ohio University
Christopher Coogan, Association for Institutional Research
Bryan Cook, American Council on Education (ACE)
Mary Ann Coughlin, Springfield College
Alisa Cunningham, Institute for Higher Education Policy and Consultant²
Robert Cuttino, Brenau University
Jennifer Daly, Delgado Community College
Brandon Daniels, American Council on Education (ACE)
Jill DeAtley, Career Education Corporation
Paul Duby, Northern Michigan University
Trevor Edelblute, Education Management Corporation
Christy England-Siegerdt, Washington Student Achievement Council
Jennifer Engle, Bill & Melinda Gates Foundation
Thomas Erickson, Veterans Benefits Administration
James Fergerson, Carleton College
Gayle Fink, Bowie State University
Carol Fuller, Consultant
Robin Geiger, Kentucky State University
Brandon Gilliland, Wake Forest University
Carlos Gonzalez, Education Management Corporation (EDMC)

² Individual attended multiple Technical Review Panels at different times and in differing capacities, as a representative from more than one organization.

Tammy Halligan, Career Colleges Association and Association of Private Sector Colleges and Universities (APSCU)²
Kimberly Harvey, Louisiana Board of Regents
Stephen Haworth, DeVry Education Group
Billy Helton, University of North Carolina-Chapel Hill
Cherron Hoppes, Golden Gate University
Ozan Jaquette, University of Arizona
Brian Johnson, Tuskegee University
Martha Johnson, University of Minnesota
Gigi Jones, National Association of Independent Colleges & Universities (NAICU)¹
Christine Keller, Association of Public and Land-grant Universities (APLU)
Jonathan Keller, Massachusetts Department of Higher Education
Heather Kelly, University of Delaware
Patrick Kelly, National Center for Higher Education Management Systems (NCHEMS)
Marsha Kelman, University of Texas System
Amanda Kelso, Duke University Global Education Office for Undergraduates
James Keift, University of Notre Dame
Gregory Kienzl, University of Illinois
Sandra Kinney, Technical College System of Georgia and Louisiana Community and Technical College System²
Tammy Kolbe, University of Vermont
Albertha Lawson, Baton Rouge Community College
Erez Lenchner, CUNY LaGuardia Community College
Fred Lillibridge, Doña Ana Community College
Mark LoGrasso, Bryant & Stratton College
Hans L'Orange, State Higher Education Executive Officers (SHEEO)
Mary Goodhue Lynch, Massasoit Community College
Jack Mahoney, Rensselaer Polytechnic Institute
Marina Markot, Cornell Abroad, Cornell University
Joseph Marks, Southern Regional Education Board (SREB)
Shelly Martinez, Office of Statistical and Science Policy, OMB
Tod Massa, State Council of Higher Education for Virginia
Carolyn Mata, Georgia Independent College Association
Michael Matier, Baylor University
Lesley McBain, American Association of State Colleges and Universities
Mari McCarty, WI Association of Independent Colleges and Universities (WAICU)
Joshua McKeown, International Education and Programs, SUNY Oswego
Deborah McNeal, Coahoma Community College
Susan Menditto, National Association of College and University Business Officers (NACUBO)
Soon Merz, Austin Community College
Christopher Nellum, American Council on Education (ACE)
Gary Nigh, NJ Office of the Secretary of Higher Education
Tom North, Oregon University System
Jon O'Bergh, Office of the Under Secretary
Anthony Ogden, University of Kentucky
Drew Paluf, University of Notre Dame
Emily Parker, American Association of State Colleges and Universities (AASCU)
Ginger Pauley, University of Phoenix
Kimbery Pearce, Capella University
Patrick Perry, California Community Colleges Chancellors Office
Kent Phillippe, American Association of Community Colleges
John Porter, State University of New York-SUNY System Administration
Brian Prescott, Western Interstate Commission for Higher Education
Jason Ramirez, National Association of Independent Colleges and Universities (NAICU)
Kenneth Redd, National Association of College and University Business Officers (NACUBO)

Matt Reed, The Institute for College Access & Success
George Rezendes, Three Rivers Community College
Gary Rice, University of Alaska Anchorage
Stephanie Rikard, Utah College of Applied Technology
Mary Sapp, University of Miami
Rajat Shah, Lincoln Tech
Donna Silber, Maricopa Community College District
Ray Sizemore, College and University Professional Association for Human Resources (CUPA)
Matthew Soldner, American Institutes for Research (AIR)
Robert Springer, Elon University
Randy Swing, Association for Institutional Research
Andrea Sykes, Laurium Evaluation Group
Dawit Teklu, Strayer University
Charles Tegen, Clemson University
Dawn Terkla, Tufts University
Judith Thompson, Accountability, Measurement, and Research; Florida Department of Education
Jonathan Turk, American Council on Education (ACE)
Laura Uerling, Stonehill College
Anika Van Eaton, HCM Strategists
Wendy Weiler, National Association of Independent Colleges and Universities (NAICU)
Brian Whalen, Forum on Education Abroad
Judith Wheaton, Austin College
Christina Whitfield, Kentucky Community & Technical College System (KCTCS)
Meihua Zhai, National Association of Student Financial Aid Associations
Rachel Zinn, Office of Management and Budget (OMB)
Christine Zimmerman, St. Lawrence University