

# Distance Education at Postsecondary Institutions in 2006-07

Peter Tice

Project Officer, FRSS and PEQIS  
National Center for Education Statistics

This presentation is intended to promote the exchange of ideas among researchers and policy makers. The views expressed in it are part of ongoing research and analysis and do not necessarily reflect the position of the U.S. Department of Education.

# Postsecondary Education Quick Information System (PEQIS)

- NCES established PEQIS in 1991.
- PEQIS surveys collect data from postsecondary institutions or state higher education agencies.
- Surveys typically include 3 pages of questions, with a response burden averaging between 30-45 minutes per respondent.
- Recent surveys have focused on distance education; technology in teacher education; students with disabilities; dual-enrollment; and campus crime.

## PEQIS - continued

- Most PEQIS surveys rely on a previously recruited, nationally representative panel of institutions.
  - Panel last updated in 2006.
  - Each institution on the panel is asked to provide a survey coordinator.
- The PEQIS panel is constructed from the Integrated Postsecondary Education Data Systems (IPEDS) Institutional characteristics file.
  - The panel includes 2-year and 4-year (including graduate-level) institutions that are Title IV eligible and degree-granting.

# PEQIS surveys on distance education

- Four PEQIS surveys on distance education:
  - 1994-95; 1997-98; 2000-01; and 2006-07
- Evolving nature of distance education makes survey development difficult, especially for establishing trend data.
  - The 2006-07 definition of distance education was:
    - A formal education process in which the student and instructor are not in the same place. Thus, instruction may be synchronous or asynchronous, and it may involve communication through the use of video, audio, or computer technologies, or by correspondence (which may include both written correspondence and the use of technology such as CD-ROM)
  - Two key differences in the 2006-07 definition from previous definitions make comparisons not possible:
    - (1) No longer a criterion for instructional delivery to off-campus or remote locations because online courses could be accessed on campus at a convenient time and place.
    - (2) Included correspondence courses and distance education courses that were designated by institutions as hybrid/blended online courses.

# PEQIS surveys on distance education

- 2006-07 survey focused on three types of distance education:
  - Online: Referred to the courses that institutions formally designated as online, but exclude those courses designated as hybrid/blended online. Further, institutions could vary in the proportion of online instruction required for a course to be designated as online.
  - Hybrid/blended online: Referred to a combination of online and in-class instruction with reduced in-class seat time. This excludes web-enhanced courses that do not reduce in-class seat time.
  - Other distance education: Referred to courses apart from those designated as online or hybrid/blended online.

## 2006-07 PEQIS distance education survey

- Information collected included:
  - Whether institutions offered various types of distance education courses, and enrollment in those courses, including online, hybrid/blended online, and other distance education courses;
  - Number and types of degree or certificate programs designed to be completed totally through distance education;
  - Technologies used for the instructional delivery of distance education courses;
  - Factors affecting institutions' decisions about distance education;
  - Distance education offerings for elementary/secondary students; and
  - Ways in which institutions acquired or developed their distance education courses.

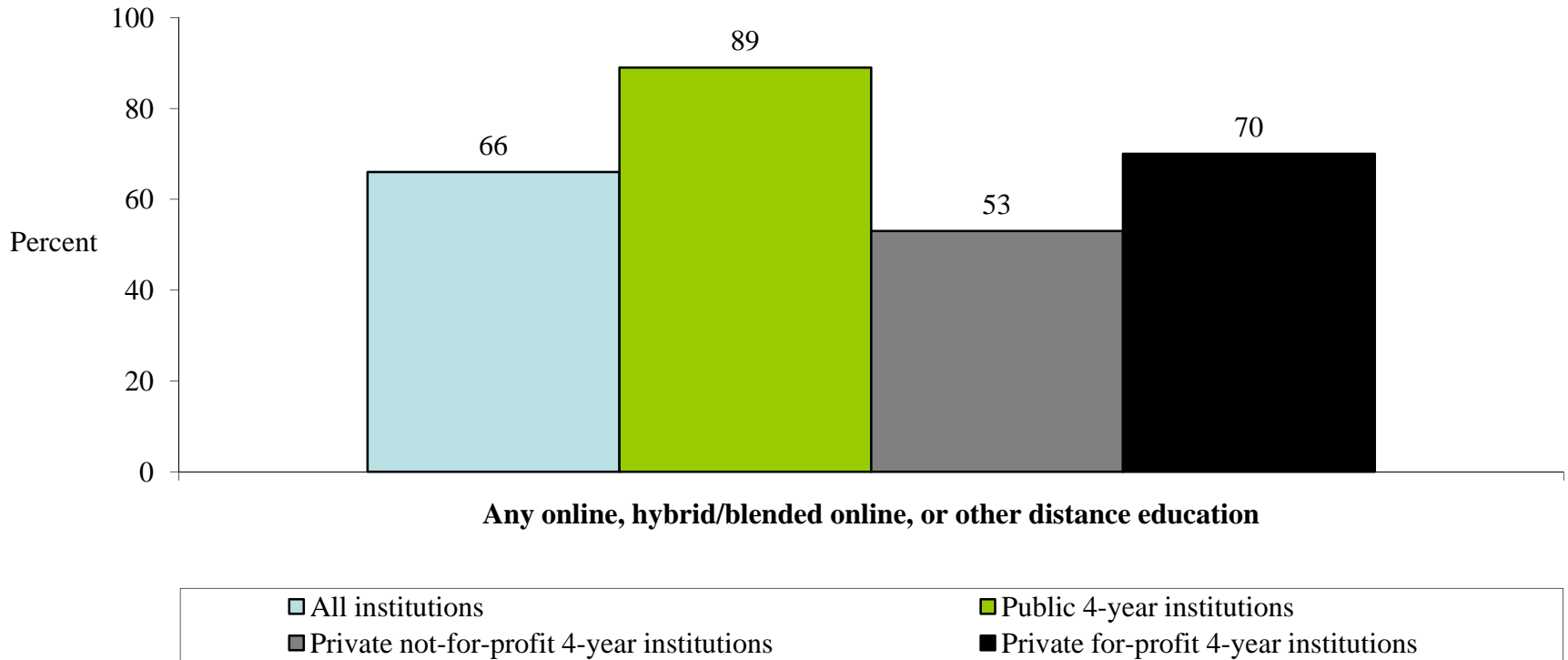
# Summary of findings from the 2006-07 PEQIS survey on distance education

- The data presented in the following slides were published in:  
Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.
- The use of “postsecondary institutions” in the following slide titles reflect 2-year and 4-year Title IV degree-granting postsecondary institutions.
- Where applicable the following slides present data specific to 4-year institutions offering graduate or first-professional programs. In so doing, for those slides there are no applicable data to report from 2-year institutions.

# Prevalence of and enrollments in distance education

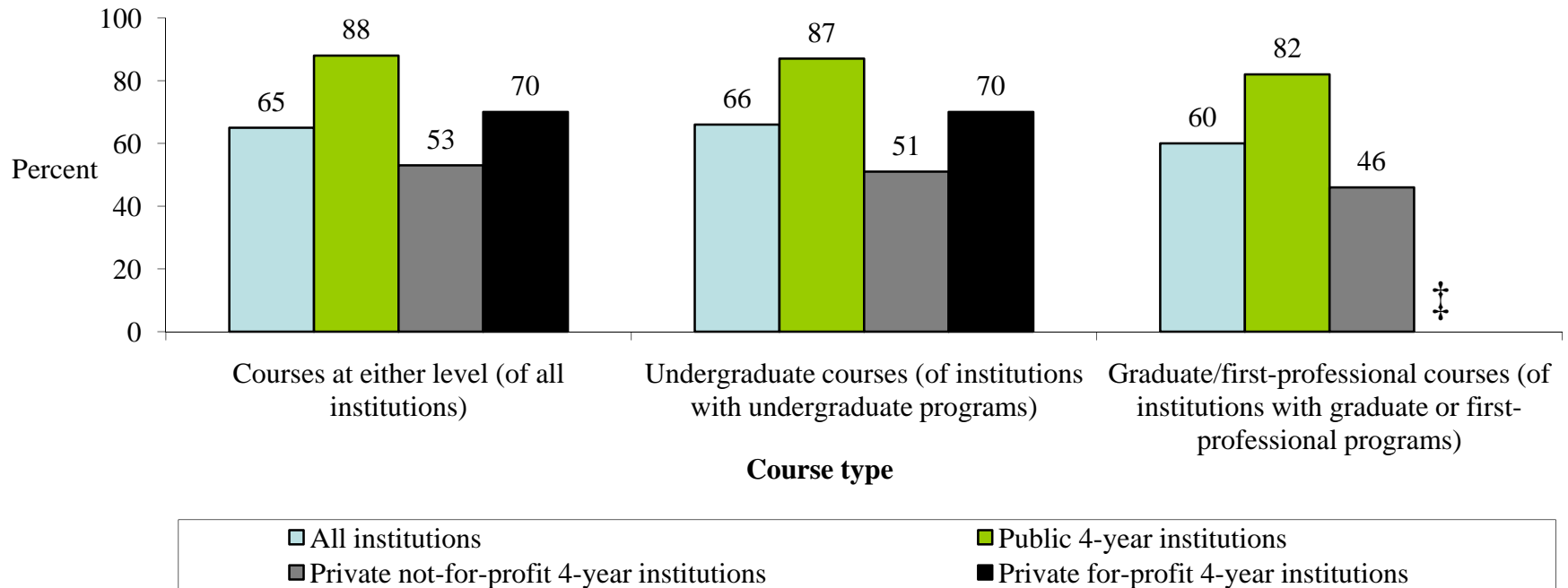


Percent of all postsecondary institutions that offered any online, hybrid/blended online, or other distance education courses: 2006-07



Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

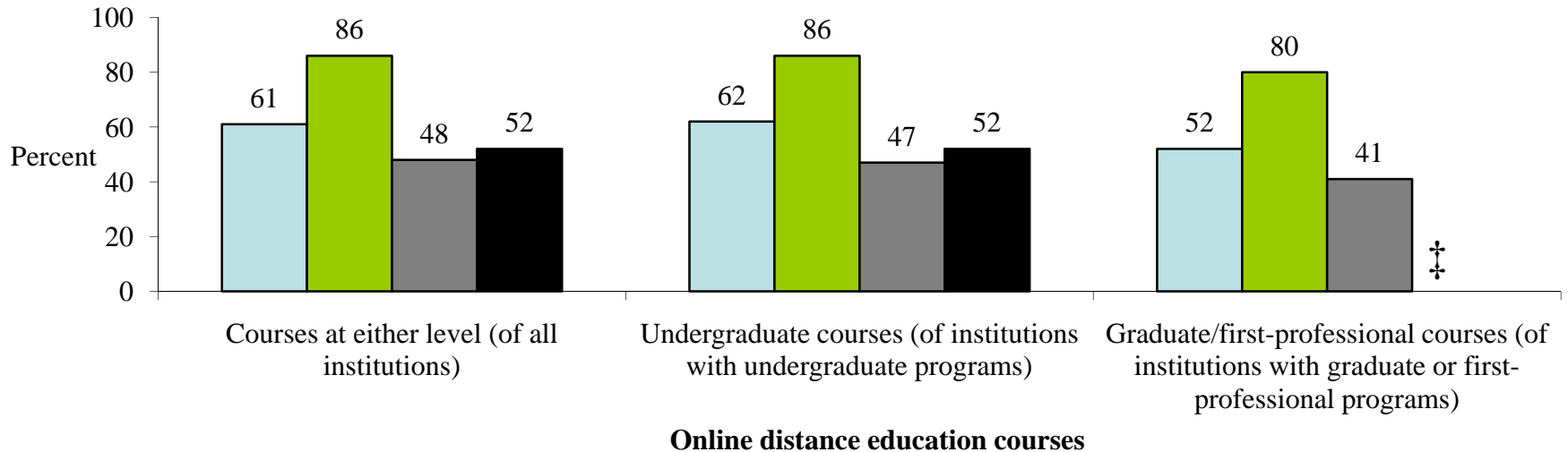
## Percent of postsecondary institutions that offered college-level credit-granting online, hybrid/online, or other distance education courses: 2006-07



Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

† Data on graduate/first-professional courses for private for-profit 4-year institutions did not meet reporting standards.

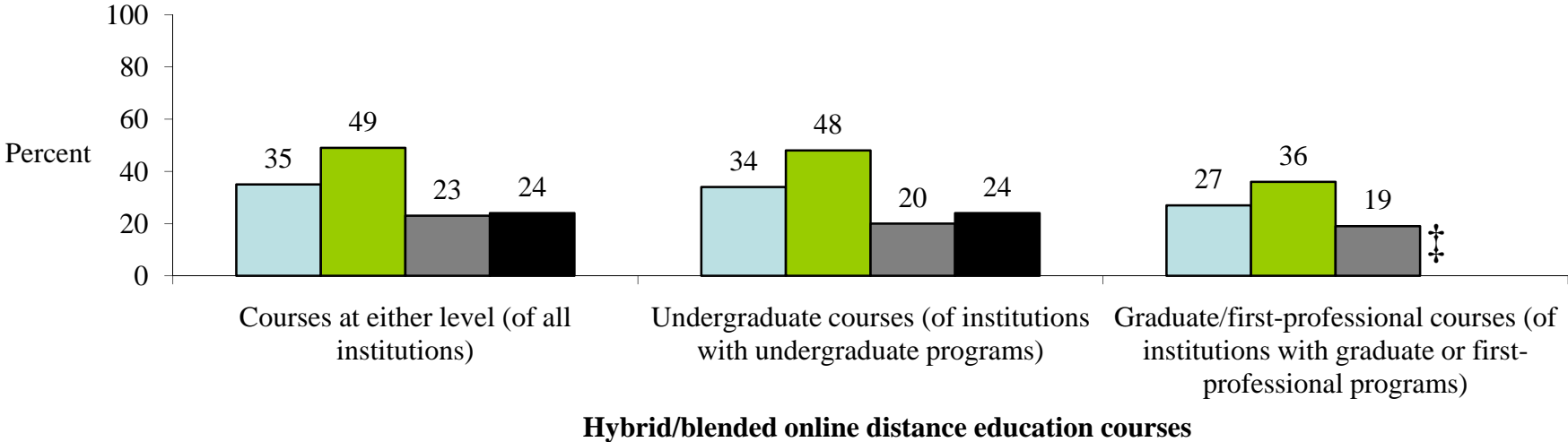
## Percent of postsecondary institutions that offered college-level credit-granting **online** distance education courses: 2006-07



Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

‡ Data on graduate/first-professional courses for private for-profit 4-year institutions did not meet reporting standards.

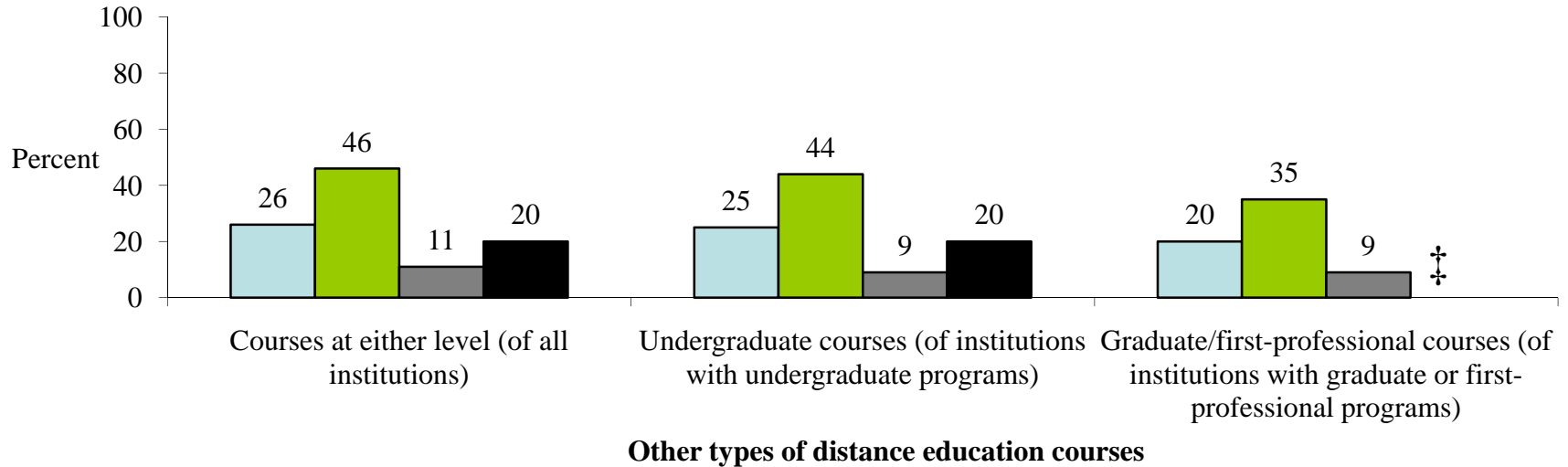
## Percent of postsecondary institutions that offered college-level credit-granting hybrid/blended online distance education courses: 2006-07



Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

‡ Data on graduate/first-professional courses for private for-profit 4-year institutions did not meet reporting standards.

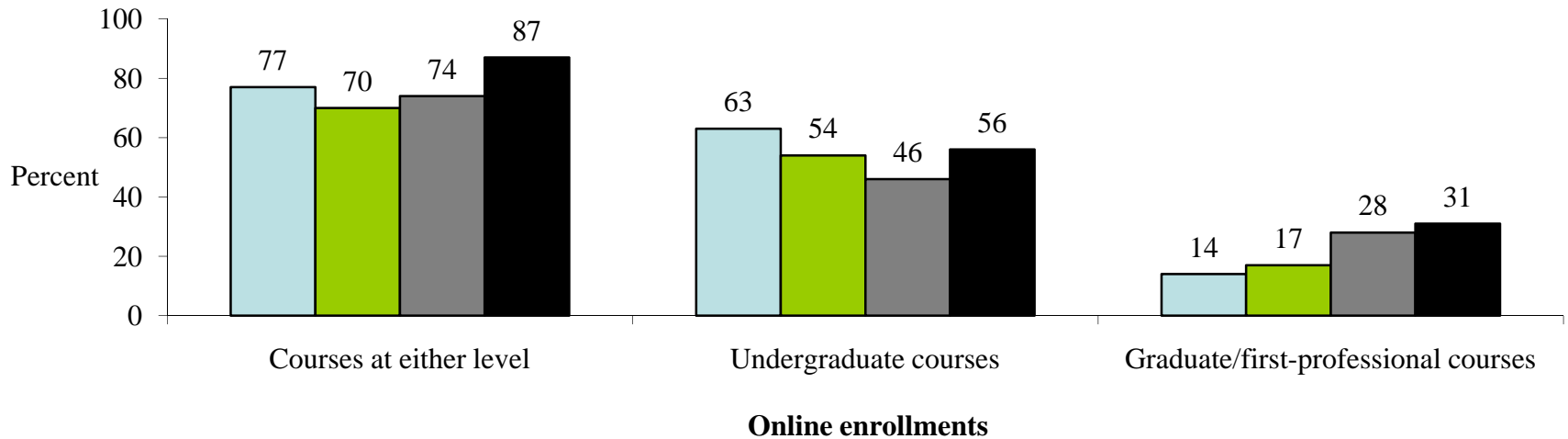
## Percent of postsecondary institutions that offered **other types** of college-level credit-granting distance education courses: 2006-07



Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

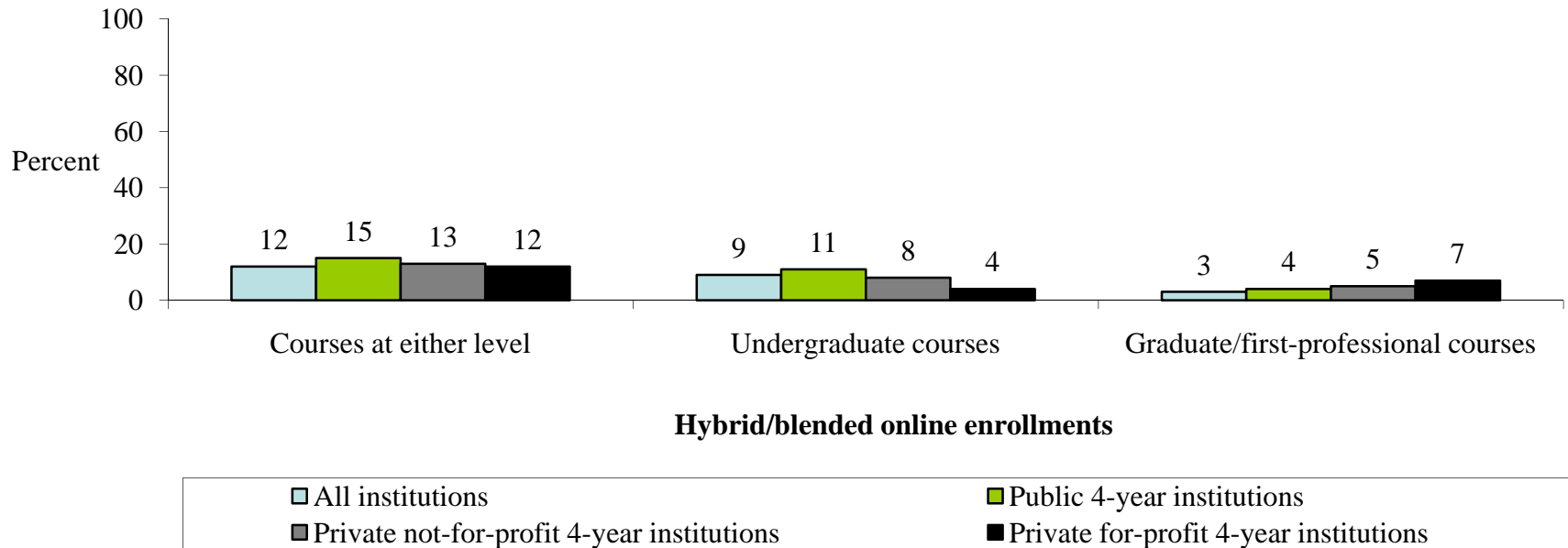
‡ Data on graduate/first-professional courses for private for-profit 4-year institutions did not meet reporting standards.

## Percent of total college-level credit-granting distance education enrollments that were **online** enrollments: 2006-07



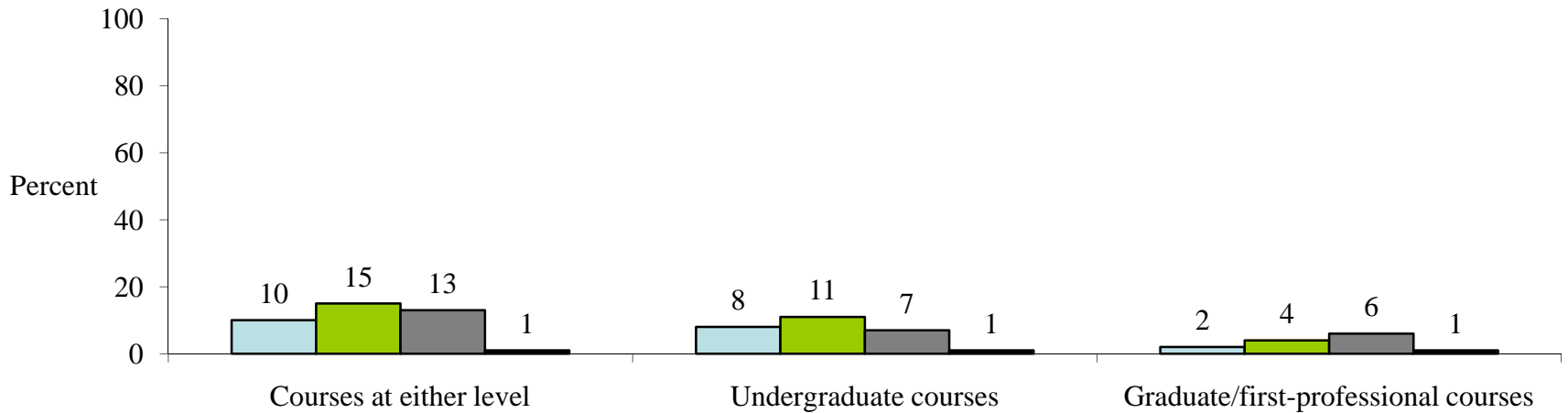
Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

## Percent of total college-level credit-granting distance education enrollments that were **hybrid/blended online** enrollments: 2006-07



Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

Percent of total college-level credit-granting distance education enrollments that were **other types** of distance education enrollments: 2006-07



Other types of distance education enrollments

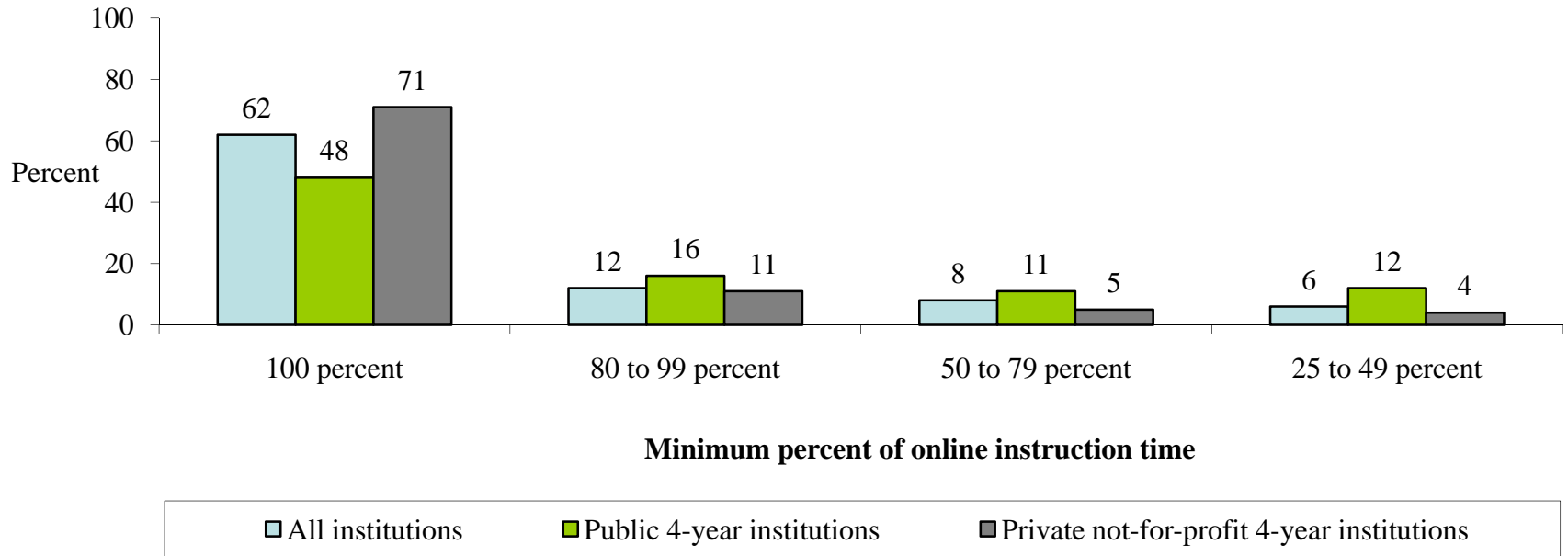


Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.



# Criteria institutions used to designate courses as online and distance education online programs

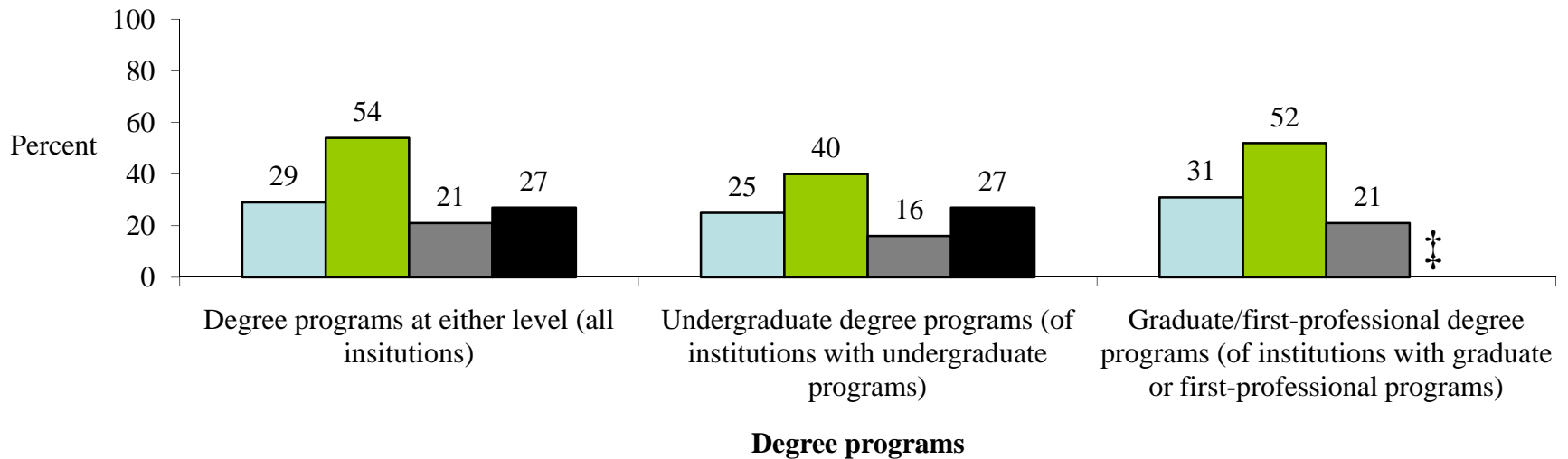
Percent of postsecondary institutions offering online courses that reported the minimum amount of online instruction required to designate courses as **online**: 2006-07



Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

There were too few private for-profit 4-year institutions that offered online courses in 2006-07 to make reliable estimates.

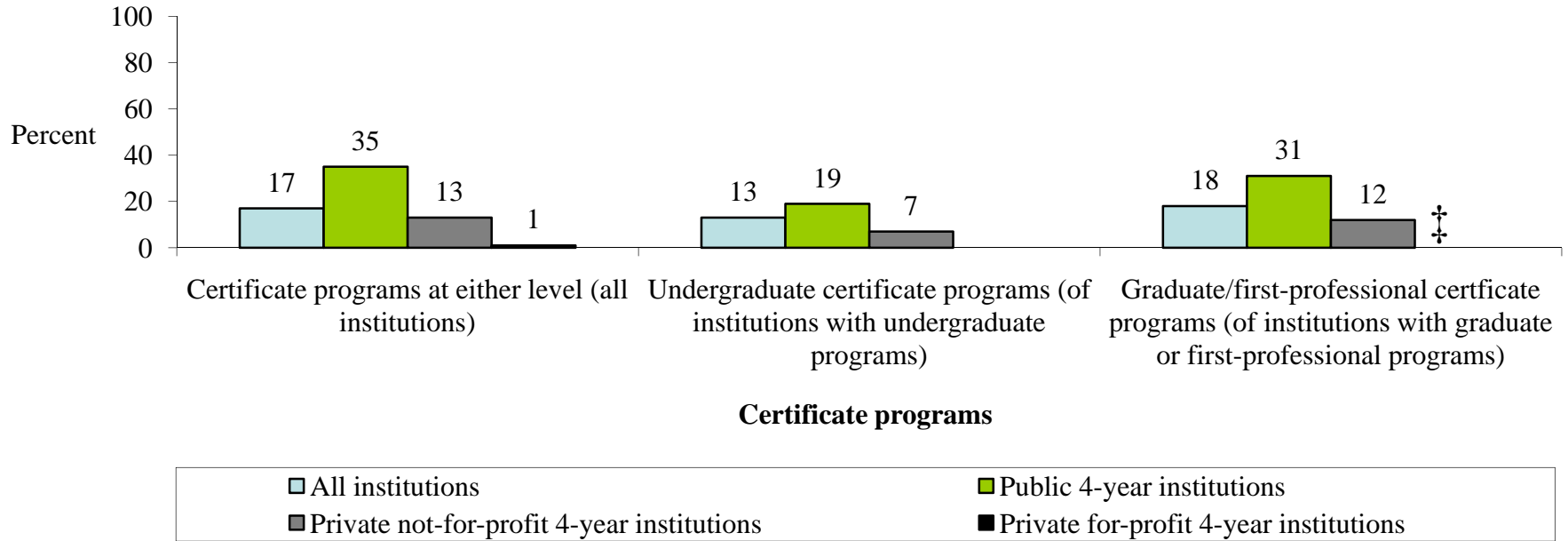
## Percent of postsecondary institutions that offered college-level degree programs designed to be completed totally through distance education: 2006-07



Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

† Data on graduate/first-professional degree programs for private for-profit 4-year institutions did not meet reporting standards.

## Percent of postsecondary institutions that offered **certificate programs** designed to be completed totally through distance education: 2006-07

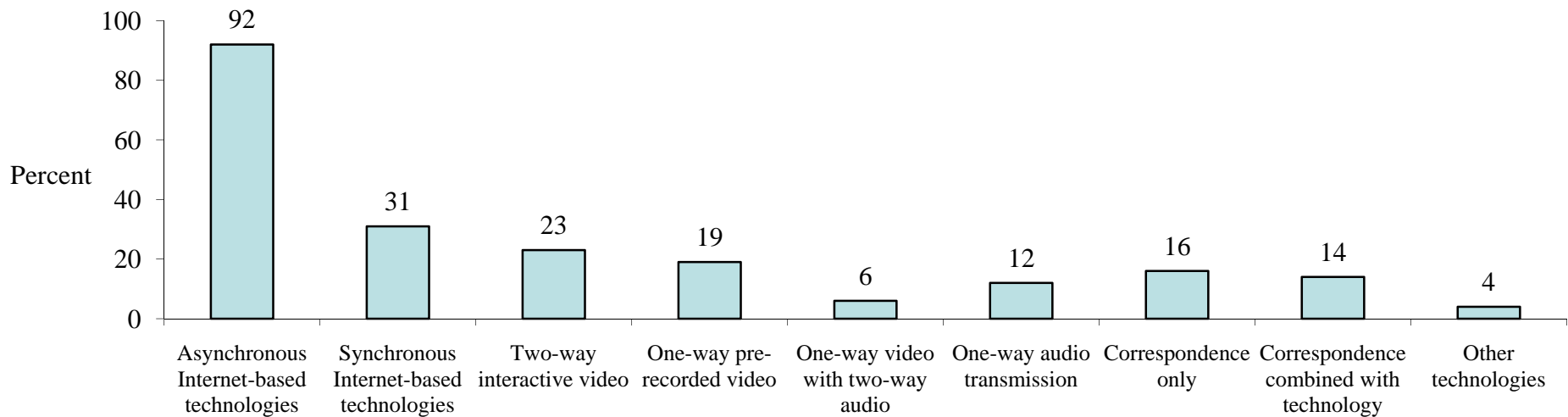


Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

† Data on undergraduate and graduate/first-professional certificate programs for private for-profit 4-year institutions did not meet reporting standards.

**Technologies used to deliver distance education;  
factors affecting distance education offerings;  
and the means for acquiring or developing  
distance education courses**

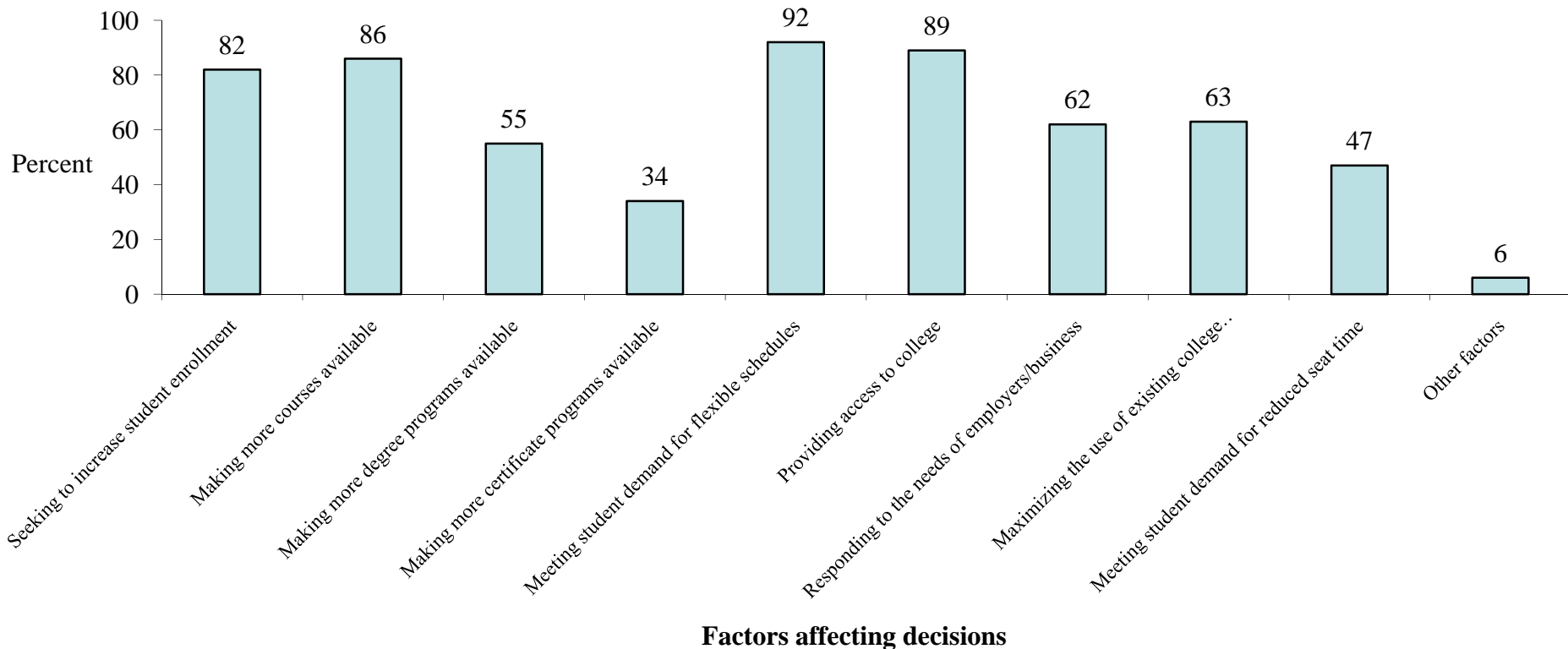
Percent of postsecondary institutions offering any college-level credit-granting distance education courses that reported the extent to which (moderate or large) various technologies or medium were used for instruction: 2006-07



**Distance education technologies or media**

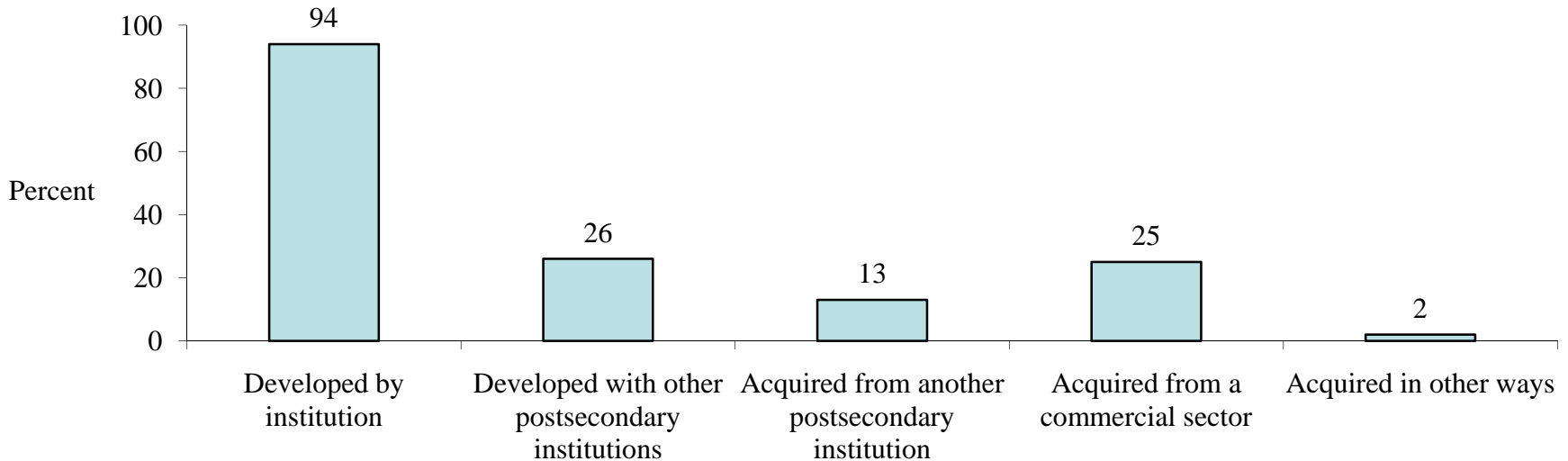
Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

Percent of postsecondary institutions offering any college-level credit-granting distance education courses that reported the extent to which (moderate or large) various factors affected decisions regarding distance education offerings: 2006-07



Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

Percent of postsecondary institutions offering any college-level credit-granting distance education courses that indicated the ways in which credit-granting distance education courses were acquired or developed: 2006-07



**Means for acquiring or developing distance education courses**

Source: Parsad, B., and Lewis, L. (2008). *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07* (NCES 2009-044). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.



## Contact Information:

[peter.tice@ed.gov](mailto:peter.tice@ed.gov)

(202) 502-7497