



**West Virginia University**

**Electronic Theses and Dissertations**



# What is the situation?

- Universities generate substantial basic and
- applied research
- Documented in theses and dissertations
- Only some research revealed in scholarly journal articles
- Traditional theses and dissertations unused



# What is the long- term vision?

- ◆ ETDs are rich hypermedia works
- ◆ Graduate education more effective; and students more productive
- ◆ Universities publish university research
- ◆ Faster and better knowledge and technology transfer



# What are we doing ?

- ◆ Improving content and availability with technology
- ◆ Educating future scholars to publish effectively using digital libraries
- ◆ Helping students be more creative in their Scholarship
- ◆ Providing easy and widely available access to information



# NDLTD's Role

Networked Digital Library of Theses and Dissertations Consortium

- Provide Implementation Support
- Networking University Communities
- Federated Searching
- Consortium Research and Development:  
Commitment to the Future
- What should its role be in the future?

# 78 NDLTD University Members



Air University, Maxwell AFB, Alabama  
Australian National University  
Baylor University  
Biblioteca de Catalunya Nanyang  
Brigham Young University  
California Institute of Technology  
Chinese University of Hong Kong  
Chungnam National U., Dept of CS (S. Korea)  
City University, London (UK)  
Clemson University  
College of William and Mary  
Concordia University (Illinois)  
Curtin University of Technology (Australia)  
Darmstadt University of Technology  
East Carolina University  
East Tennessee State University  
Florida Institute of Technology  
Florida International University  
Freie Universität Berlin (Germany)  
George Washington University  
Gerhard Mercator Universität Duisburg (Germany)  
Griffith University (Australia)  
Gyeongsang National University, Chinju (S. Korea)  
Humboldt- Universität zu Berlin  
Indian Institute of Technology, Bombay  
University of Florida Worcester Polytechnic Institute  
Marshall University  
Miami University of Ohio  
Michigan Tech  
Technological U.( Singapore)  
National U. of Singapore  
Naval Postgraduate School  
North Carolina State University  
Pennsylvania State University  
Rhodes University (South Africa)  
Rochester Institute of Technology  
Shanghai Jiao Tong University  
St. Petersburg Tech. U. (Russia)  
Univ. de las Américas P. (México)  
Univ. Politec. de Valencia (Spain)  
Univ. Autònoma de Barcelona  
Universitat d'Alacant  
Universitat de Barcelona  
Universitat de Girona  
Universitat de Lleida  
Universitat Oberta de Catalunya  
Univ. Politecnica de Catalunya  
Universitat Pompeu Fabra  
Universitat Rovira i Virgili  
Université Laval (Québec, Canada)  
Univ. of Colorado, Health Sci. Ctr.  
University of Georgia  
University of Guelph (Ontario, Canada)  
University of Hawaii at Manoa  
University of Iowa  
University of Kentucky  
University of Maine  
University of Melbourne (Australia)  
University of New South Wales (Australia)  
University of North Texas  
University of Oklahoma  
University of Pisa (Italy)  
University of Queensland  
University of South Florida  
University of Sydney (Australia)  
University of Tennessee, Knoxville  
University of Tennessee, Memphis  
University of Texas at Austin  
University of Virginia  
University of Waterloo (Canada)  
University of Wisconsin- Madison  
Vanderbilt University  
Virginia Tech  
West Virginia University  
Western Michigan University  
Wilfrid Laurier University (Ontario, Canada)



# ETD Program Web Tour

[WVU](#) ← (click at left to go there)



# WVU Team Collaboration

- Office of Academic Affairs (Provost)
- Office of Graduate Education
- ETD Task Force (planning & administration)
- Academic Computing (student technical support, archiving)
- University Libraries (submissions review, cataloging)



# Collection Maintenance

- WVU Academic Computing
  - Server and maintenance: Dell 20 GB hard drive, Windows NT OS, programming, redundant archiving routines
- University Libraries
  - Microfilming / digital archiving



# Education

- Academic Computing
  - ETD Document Preparation and Conversion
    - Consultation
    - Workshops
    - Web Resources
- University Libraries
  - ETD Program Overview and Submissions Process
    - Consultation
    - Graduate Seminars
    - Web Resources

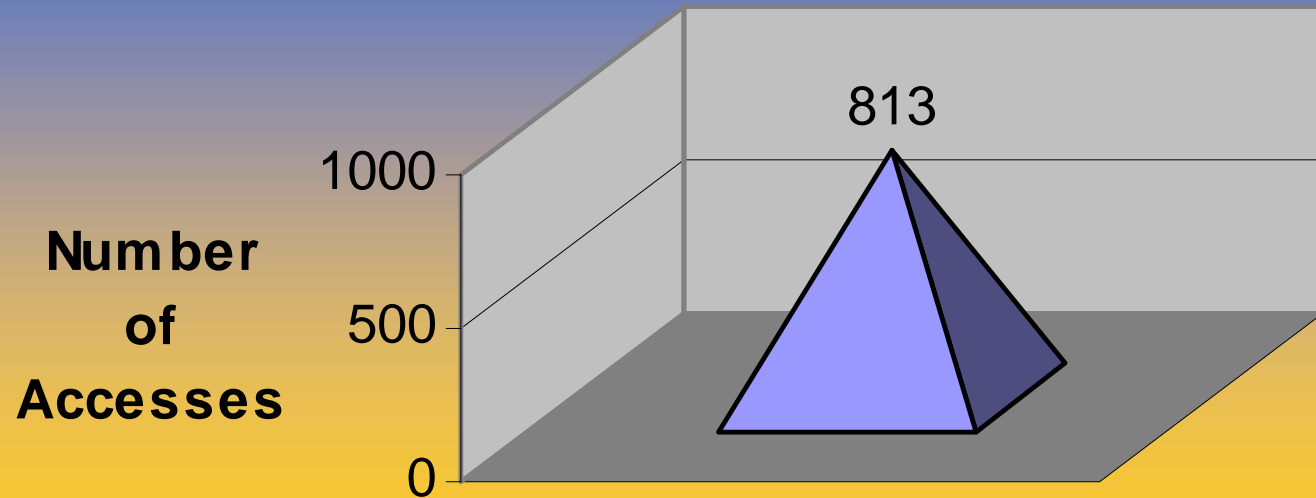


## Case Study: WVU Profile

- Paper Thesis and Dissertation Circulation (Pre-ETD)
- Monthly ETD Accesses
- ETDs Accessed
- Most Popular ETD
- ETD Searches & Browsers
- Total Number of ETDs in Collection
- Web Distribution Type
- Format Types in Collection
- Number of Submissions per Year

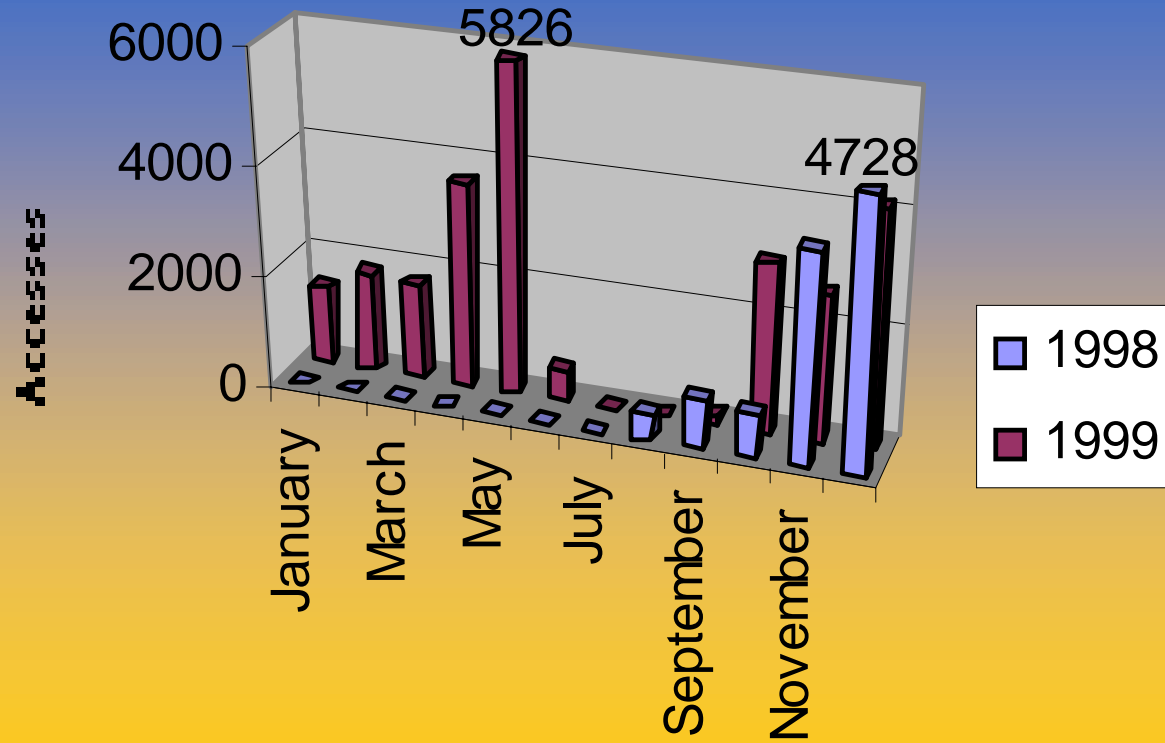


## WVU Paper TDs Accessed: 1998-99



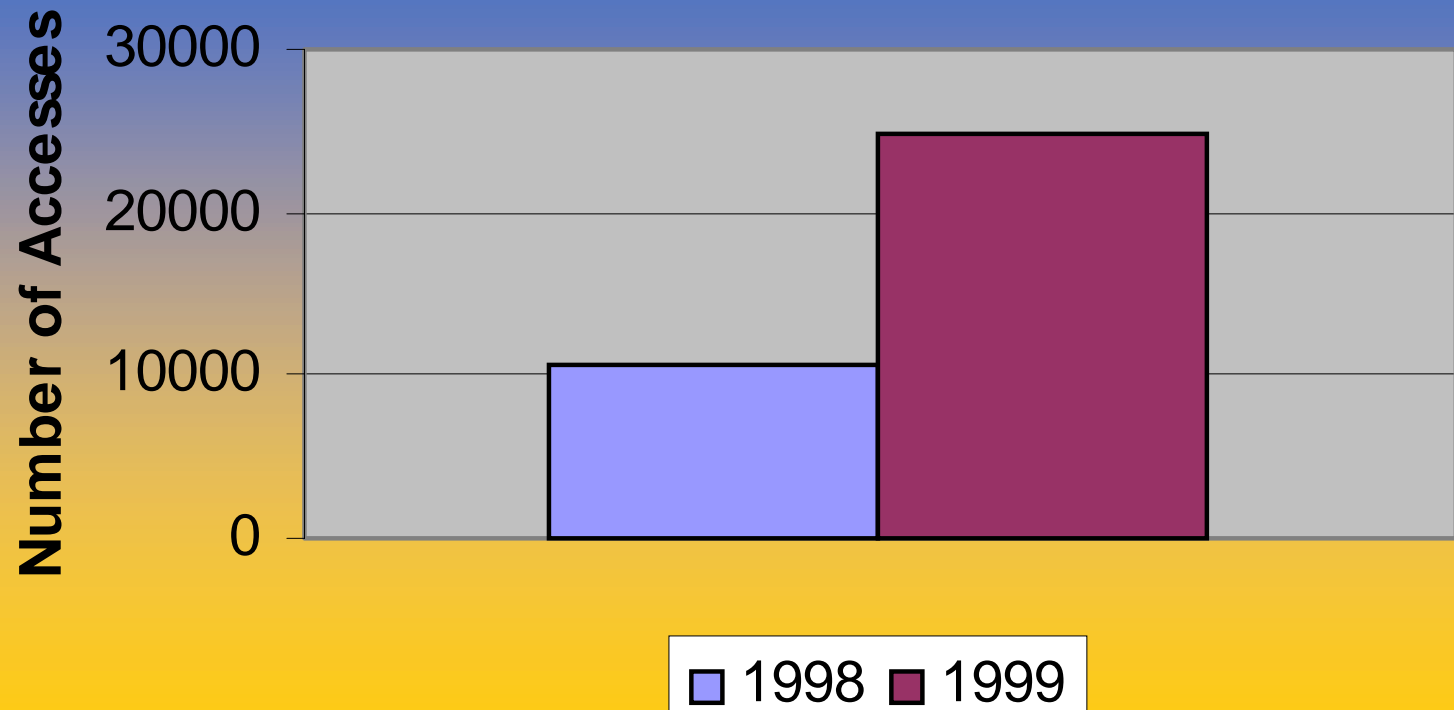


## WVU ETD Monthly Accesses



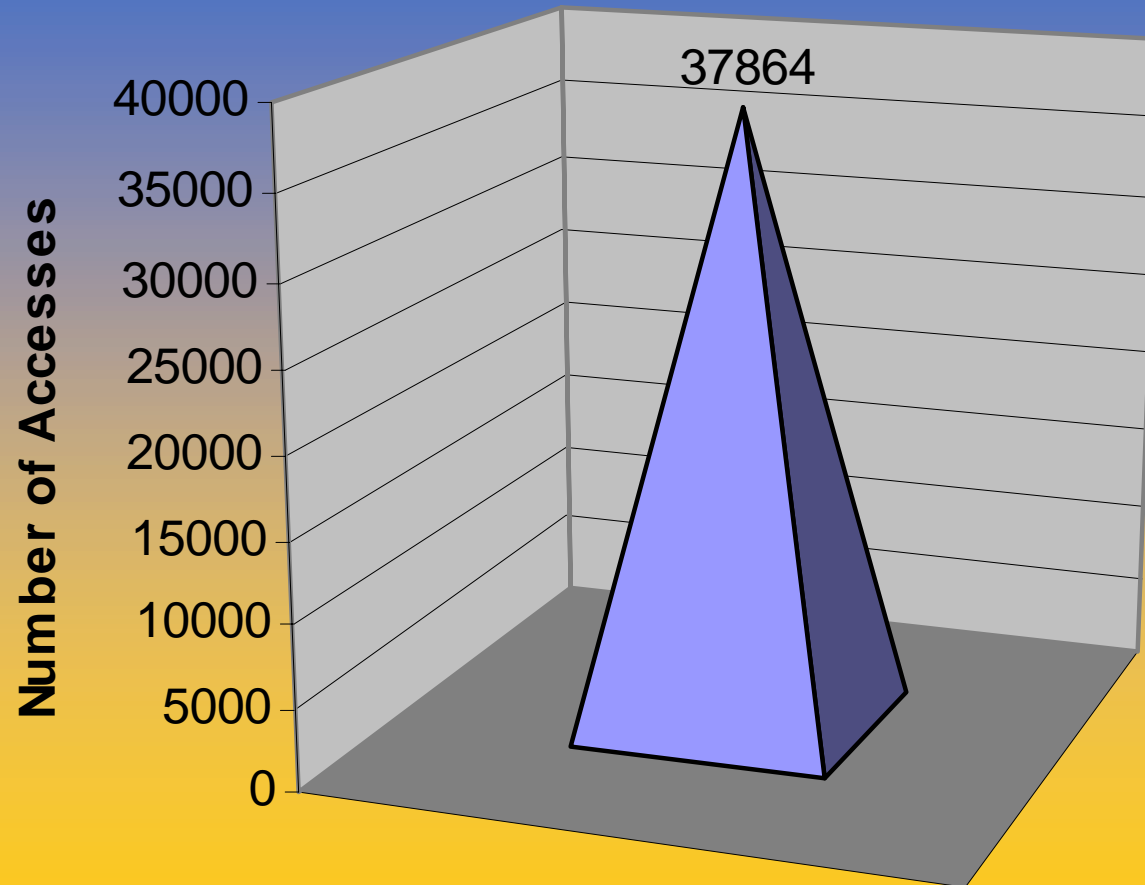


## Overall WVU ETDs Accessed



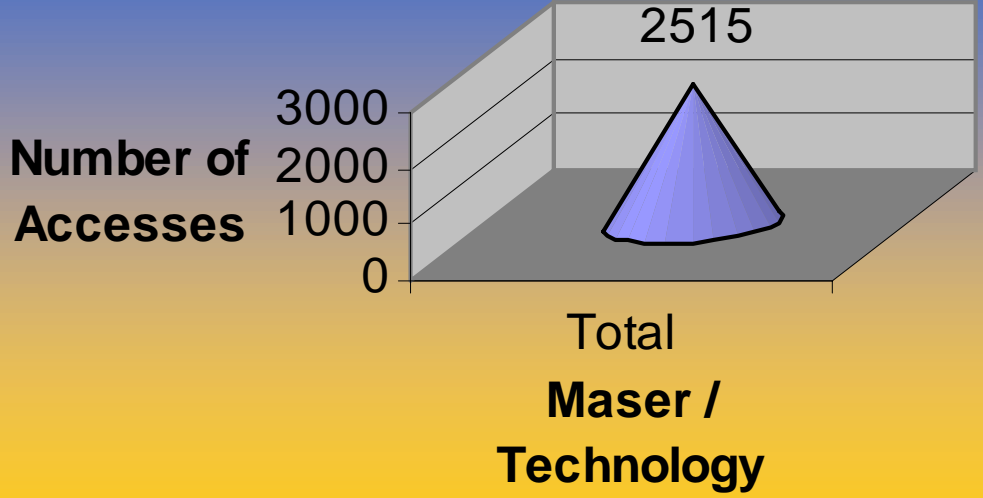


## Total WVU ETDs Accessed: 1998 - Present



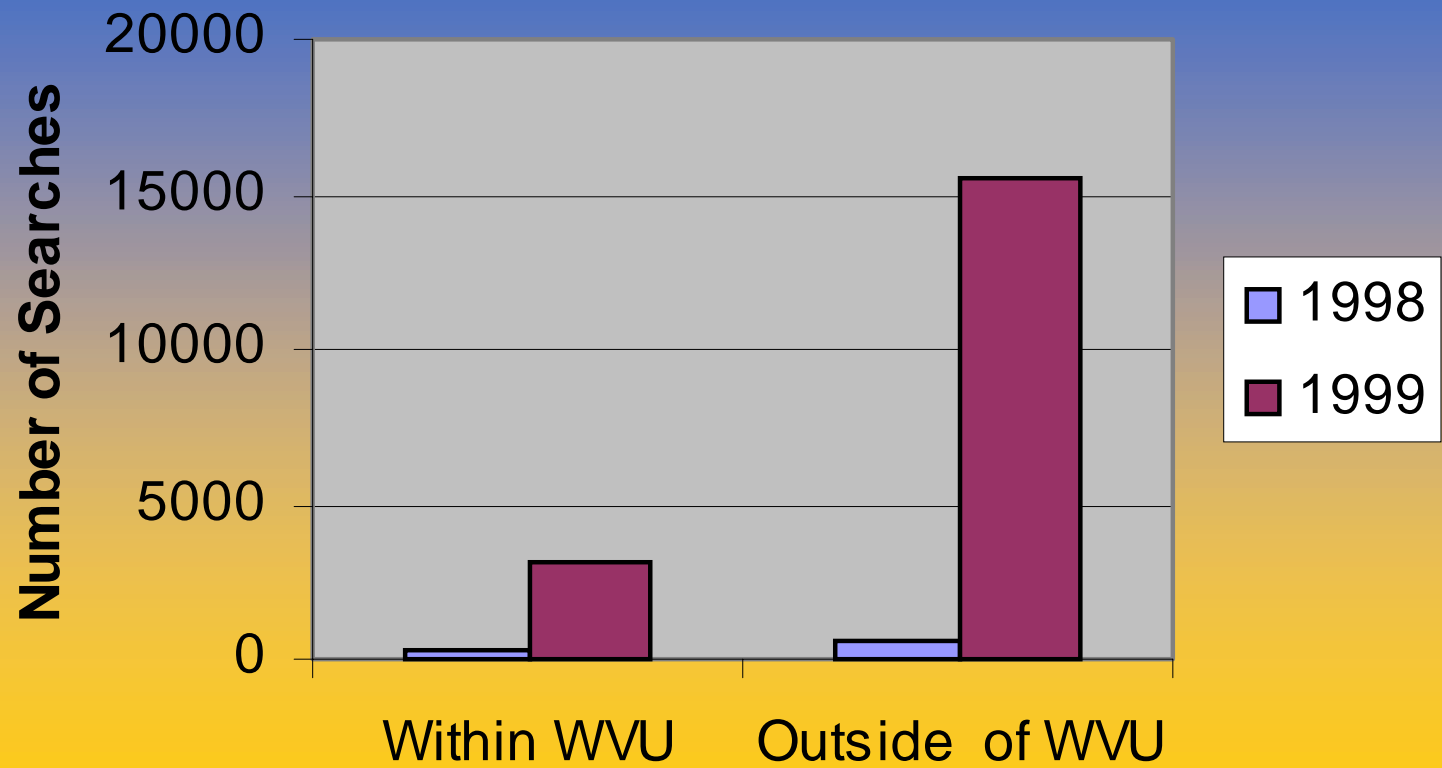


# WVU ETD Most Accessed



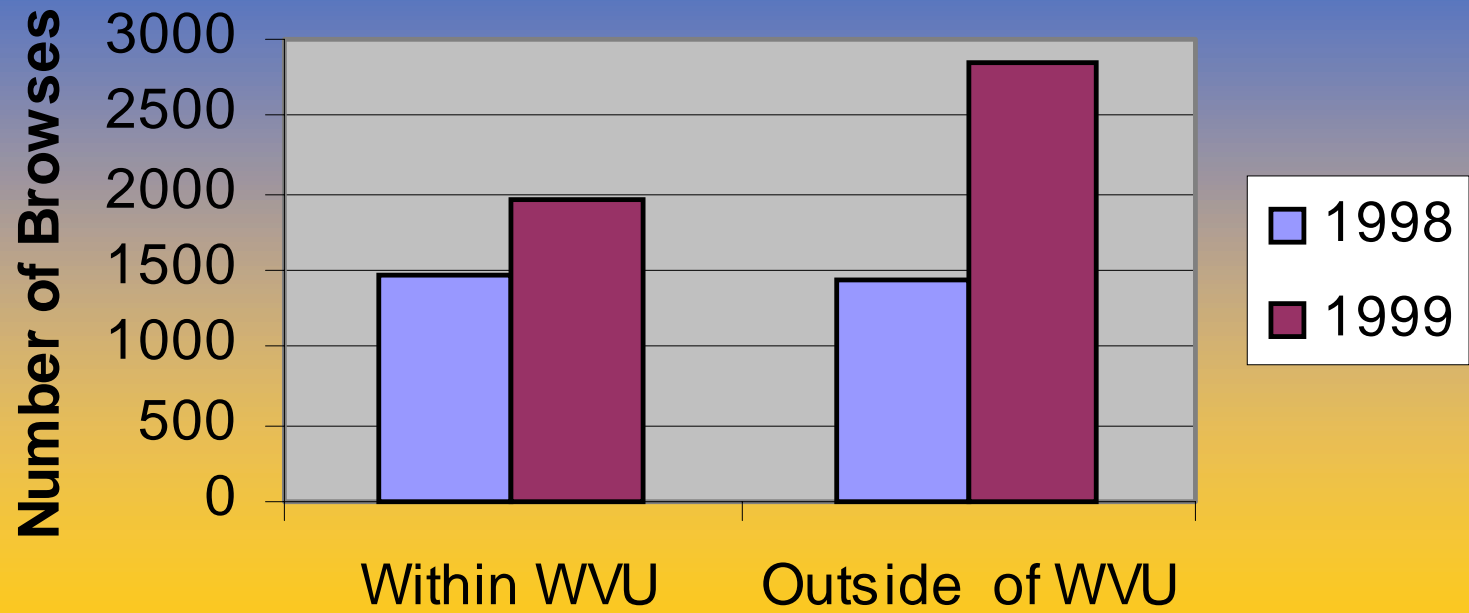


## WVU ETDs Searched



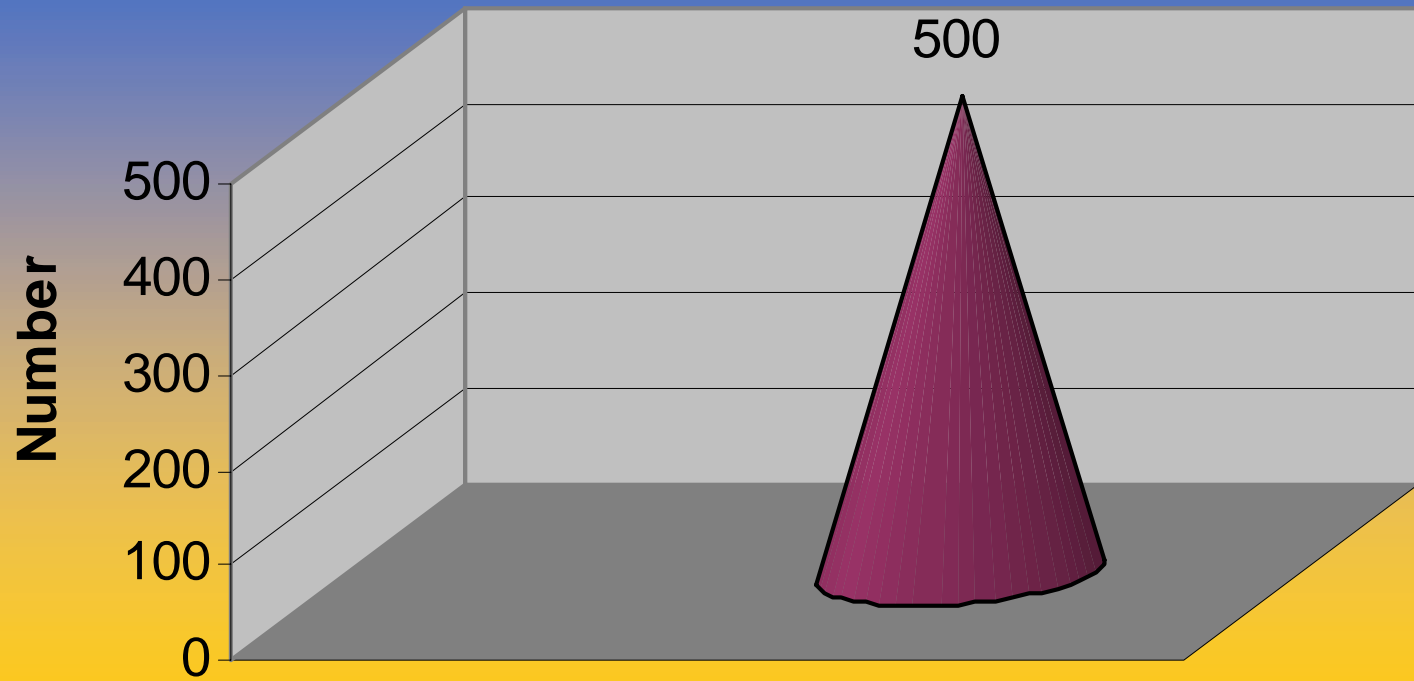


## WVU ETDs Browsed



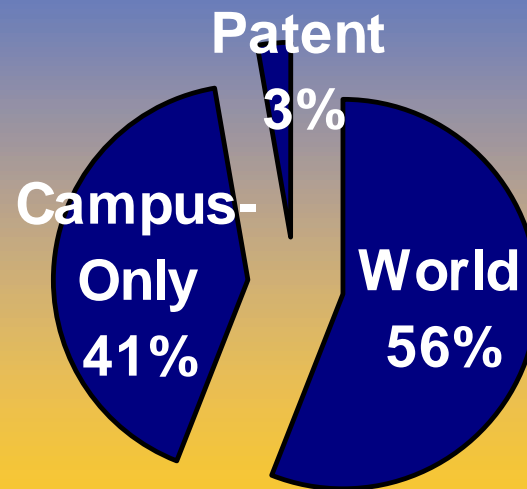


## Total WVU ETDs as of April 2000



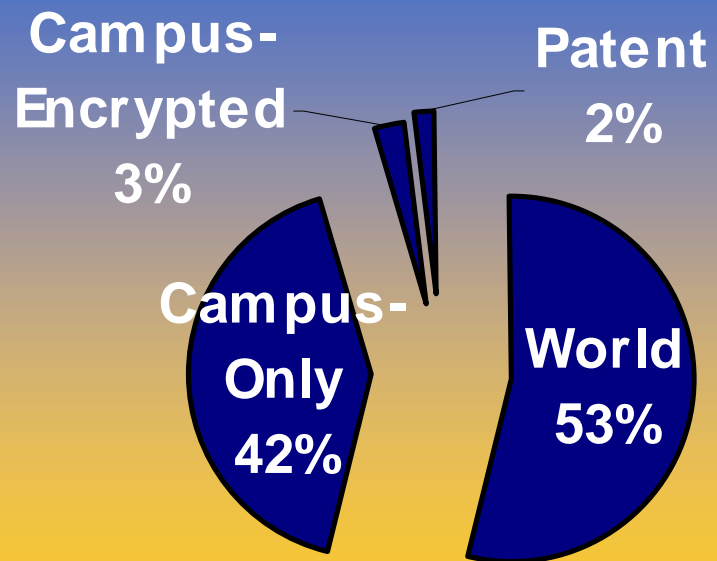


## WVU ETD Web Distribution Type: 1998-1999



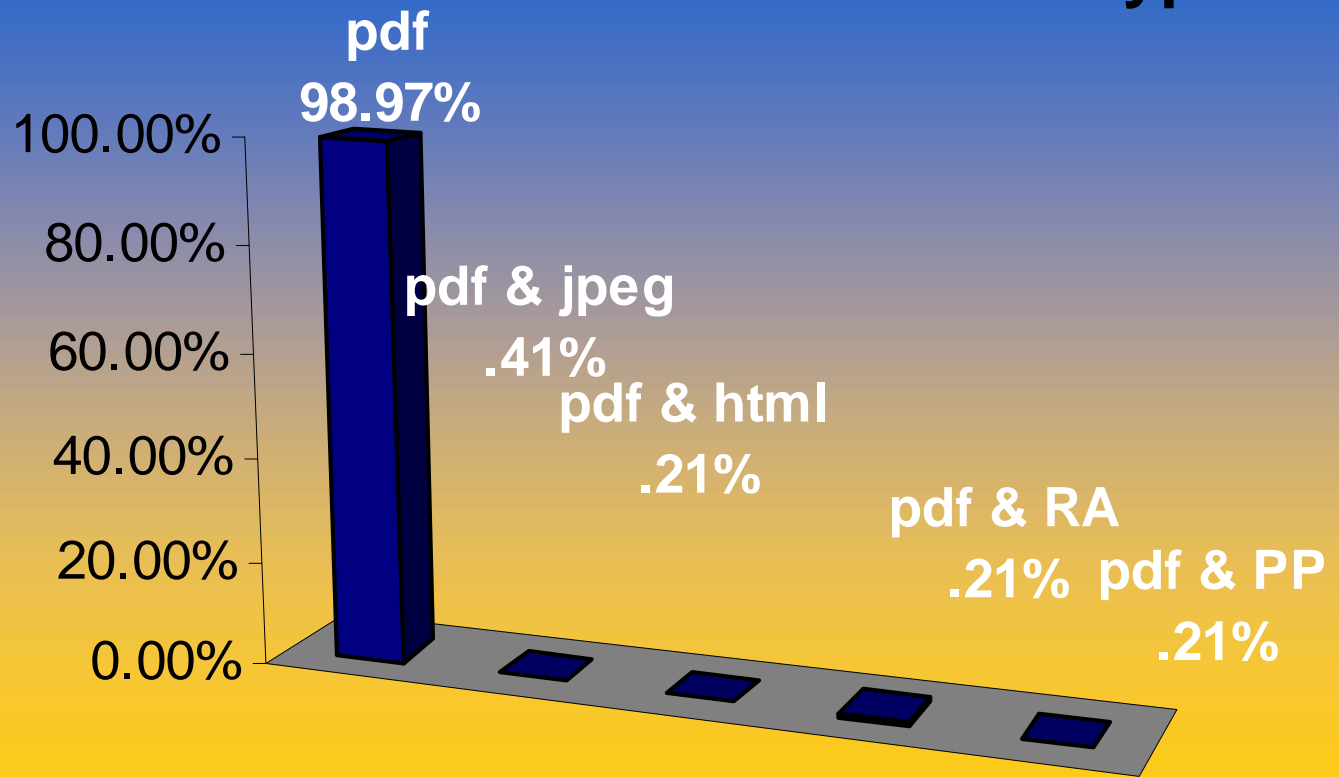


## Web Distribution of WVU ETDs: 1999-2000



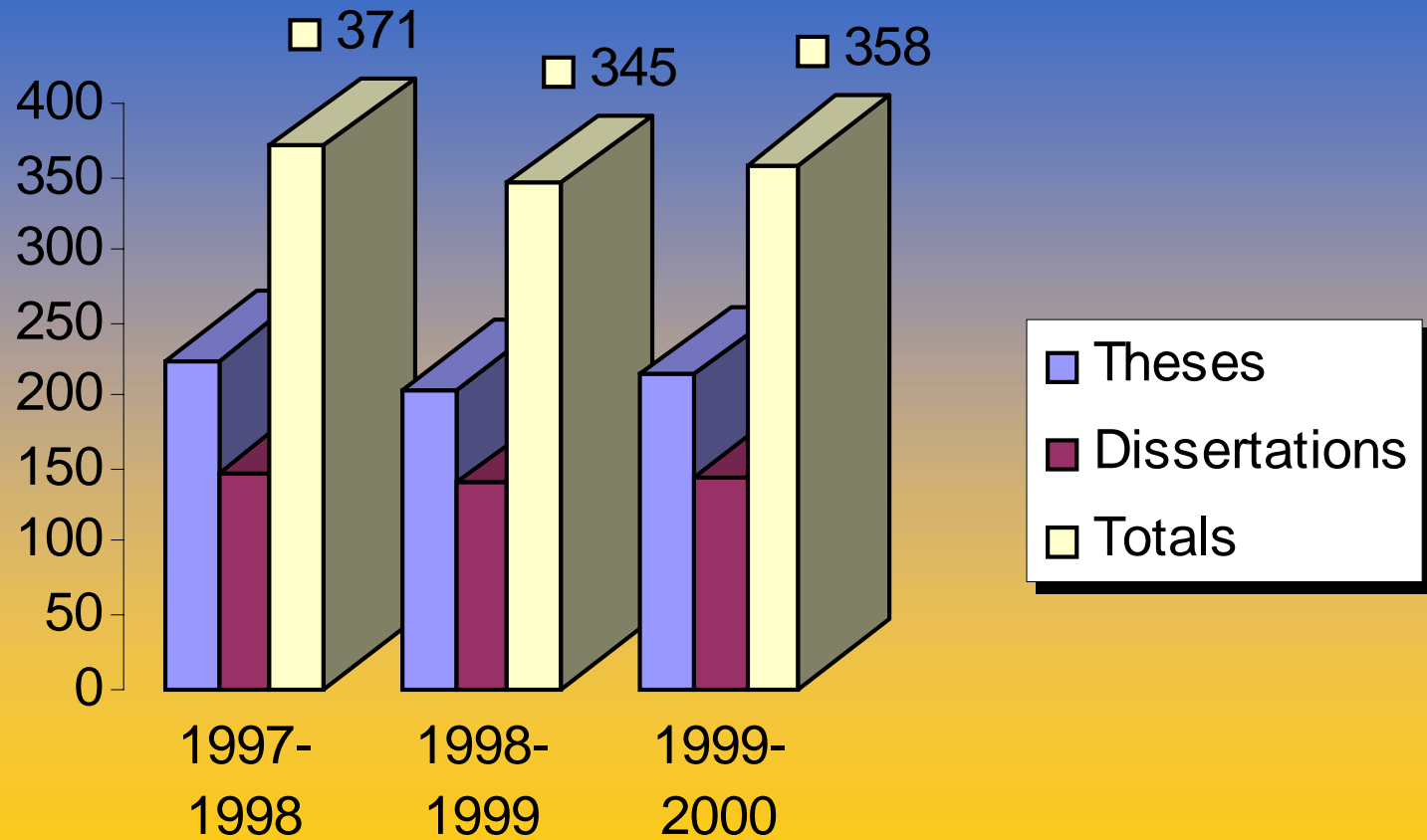


## WVU ETD Format Types



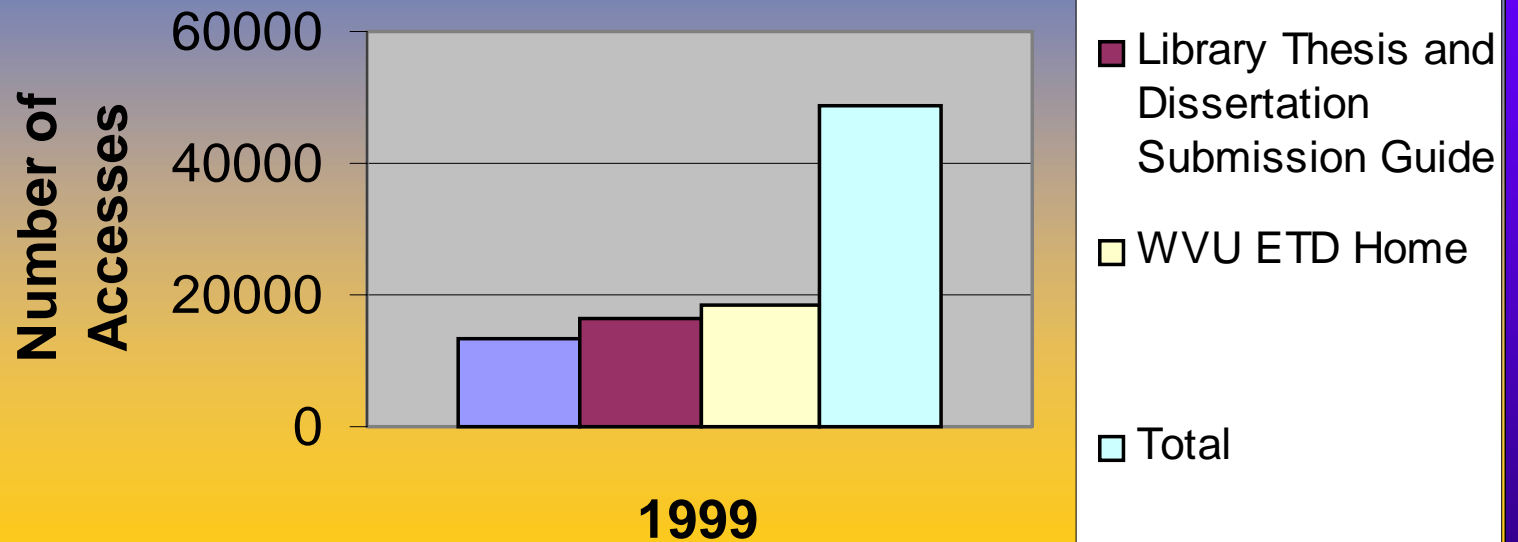


## WVU ETD Submissions





## WVU ETD Web Information Page Accesses





# Realities of Digital Publishing

- Student Publishing Concerns
  - Most publishers say: “Campus-Only” Web distribution of ETD is fine
- University Tenure Systems and Digital Publishing
  - Digital publishing is beginning to be recognized for basis of granting tenure and promotion to university faculty



# Positive Outcomes from ETD Implementation at WVU

- Heightened sense of awareness on campus of the profound effects of information technology
- Rapid Technology Transfer:
  - Transforming West Virginia's economy
  - Providing research access to the world



# WVU ETD Web Resources

- <http://www.wvu.edu/~thesis/>
- <http://www.libraries.wvu.edu/theses/index.htm>
- <http://www.libraries.wvu.edu/thesis.htm>
- <http://www.ndltd.org>



# WVU ETDs

## Unlocking Access to Graduate Education



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delivered at the Third  
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