



# WVU Electronic Theses & Dissertations

Transforming Graduate  
Education and Research



# ETD Goals

- ◆ Students learn about electronic publishing and digital libraries
- ◆ Timely technology and knowledge sharing
- ◆ Universities unlock the potential of their intellectual property and products
- ◆ Improve library services




# NDLTD Consortium

- ◆ WVU is 2<sup>nd</sup> in the world to implement required ETD policy (1998)
- ◆ Most members have only implemented preliminary studies or pilot programs
- ◆ Need more academic institutions to require ETD submissions
- ◆ NDLTD vision of globally federated digital library of graduate research



# WVU Team Collaboration

- ◆ Office of Academic Affairs and Research
  - ◆ Provost, Office of Graduate Education
- ◆ ETD Task Force
  - ◆ Planning, Policy, Administration, Education, & Technology Issues
- ◆ Office of Information Technology
  - ◆ Student technical support, labs, workshops, Web resources
- ◆ Academic Computing
  - ◆ Database implementation, archiving
- ◆ University Libraries
  - ◆ Advising, Web resources, submissions review, cataloging, reference & document delivery services, archiving



# New and Forthcoming ETD Program Features

- ◆ Students Market Research on the Web
  - Dynamic Addenda
  - Hit Counters for Individual ETDs
- ◆ Multimedia Incentives
  - Stipends
- ◆ Automated Approval System
  - Chair & Library
- ◆ Automated Batch Uploads to UMI
- ◆ Web Based Library OPAC
  - Click-able URLs to ETD Collection



# Positive Outcomes from Implementation

- 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 Site





# ETD Submission Process

- ◆ Student enrolls in graduating semester, forms committee, designates chair, receives degree completion information
- ◆ Student creates thesis or dissertation
- ◆ Student attends oral defense



# Deliver ETD Submission Packet to University Libraries

Completed ETD Submission Signature Form  
Submission Fee

\$55.00 for Master's Thesis

\$65.00 for Doctoral Dissertation

Completed UMI Agreement Form (optional for  
Research / Project Reports)

Printed Copy of Title Page & Abstract

Copyright Fee: \$45.00 (optional)

Doctorate Only

Completed Survey of Earned Doctorates



# Student Prepares Final Document for Submission

- ◆ Office of Information Technology
  - ◆ Student technical support
  - ◆ Workshops
  - ◆ Walk-in Clinics
  - ◆ Web resources



# Student Submits ETD Online

- ◆ ETD is made available according to student's Web Distribution choice.
  1. World
  2. Campus Only
  3. Campus Encrypted
  4. No Access



# Realities of Digital Publishing

- Student Publishing Concerns
- How have publishers reacted to articles from ETDs?
- University Tenure Systems and Digital Publishing
  - Is digital publishing being recognized for basis of granting tenure and promotion to university faculty?



# Web Posting Is Not Prior Publication

- ◆ Role of journal as disseminator and archive for the academic record
- ◆ Role of journal as peer review
- ◆ Redundancy is part of long-term educational process
- ◆ Self-acknowledged archiving
- ◆ Economics will convince publishers to adopt liberal Web policies



# Survey results from Virginia Tech 1997 - 1999

- ◆ Access Status
  - 48% World Access
  - 33% Campus Only
  - 19% No Access
- ◆ Graduate Student Survey
  - 78% limit access on faculty advice
  - 13% limit access on publisher advice
- ◆ Alumni Surveys
  - 43% successfully published derivative works
  - 100% found no resistance from publishers



# “Published” status = peer review

- ◆ Prior publication (i.e. Web distribution) is discipline dependent
  - Physical Sciences: non-restrictive
  - Life Sciences: emphasis on level of access
  - Medical Sciences: emphasis on level of access
  - Social Sciences: emphasis on revision of content
- ◆ Conclusions: Myth and tradition create mis-perception



# ETD Review Process

- ◆ Committee Chair
  - 5 working day approval option
- ◆ Library reviews format
- ◆ Library approves submission upon:
  - Receipt of completed ETD Submission Packet
  - Approval of ETD document format



# Library Processing

- ◆ Library sends copies of ETD files and packets to UMI for publication, microfilming or other archival services
- ◆ Library catalogs ETD:
  - MountainLynx
  - OCLC



# Library Access to ETDs

- ◆ Citation from the catalog
- ◆ Online Full-text
- ◆ Document delivery services
- ◆ Bell & Howell (UMI)
- ◆ NDLTD



## Library Access to Restricted ETDs

- ◆ Campus Only ETDs
  - Electronic files free via Inter-Library Loan
  - Printed copies for a fee via Library Copy Services
- ◆ Campus Encrypted ETDs
  - Available in print format only.
- ◆ Restricted ETDs
  - Secured until patent / proprietary concern has been resolved.



# ETD Exemptions

- ◆ Approved ETD Exemption Form
  - Master's Theses:
    - 2 bound copies
    - Original committee approval signature sheets
  - Doctoral Dissertations:
    - 2 unbound copies
    - 2 original committee approval signature sheets.
    - Submission Fee: \$65.00
    - Completed UMI Agreement Form
    - Printed Copy of Title Page & Abstract
    - Copyright Fee: \$45.00 (optional)
    - Completed Survey of Earned Doctorates
  - Library provides signed Approval Form to student

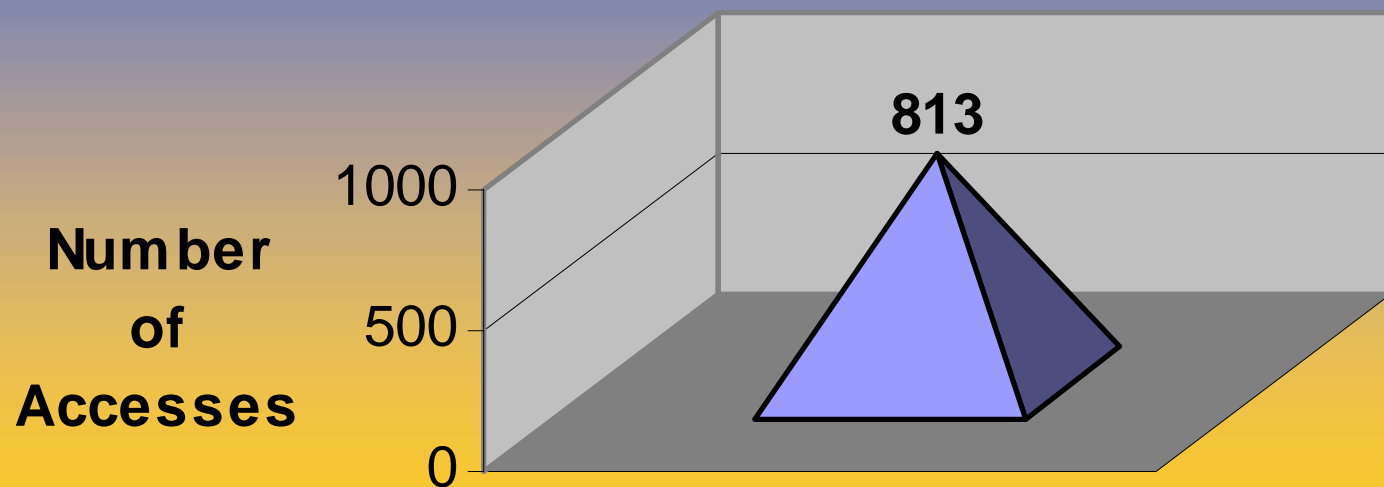


# WVU ETD Collection Profile

- Pre-ETD T&D Circulation
- Monthly ETD Accesses
- ETDs Accessed
- Most Popular ETD
- ETD Searches & Browsers
- Total Number of ETDs in Collection
- Web Distribution Types
- ILL Requests for restricted ETDs
- Format Types in Collection
- Number of Submissions per Year

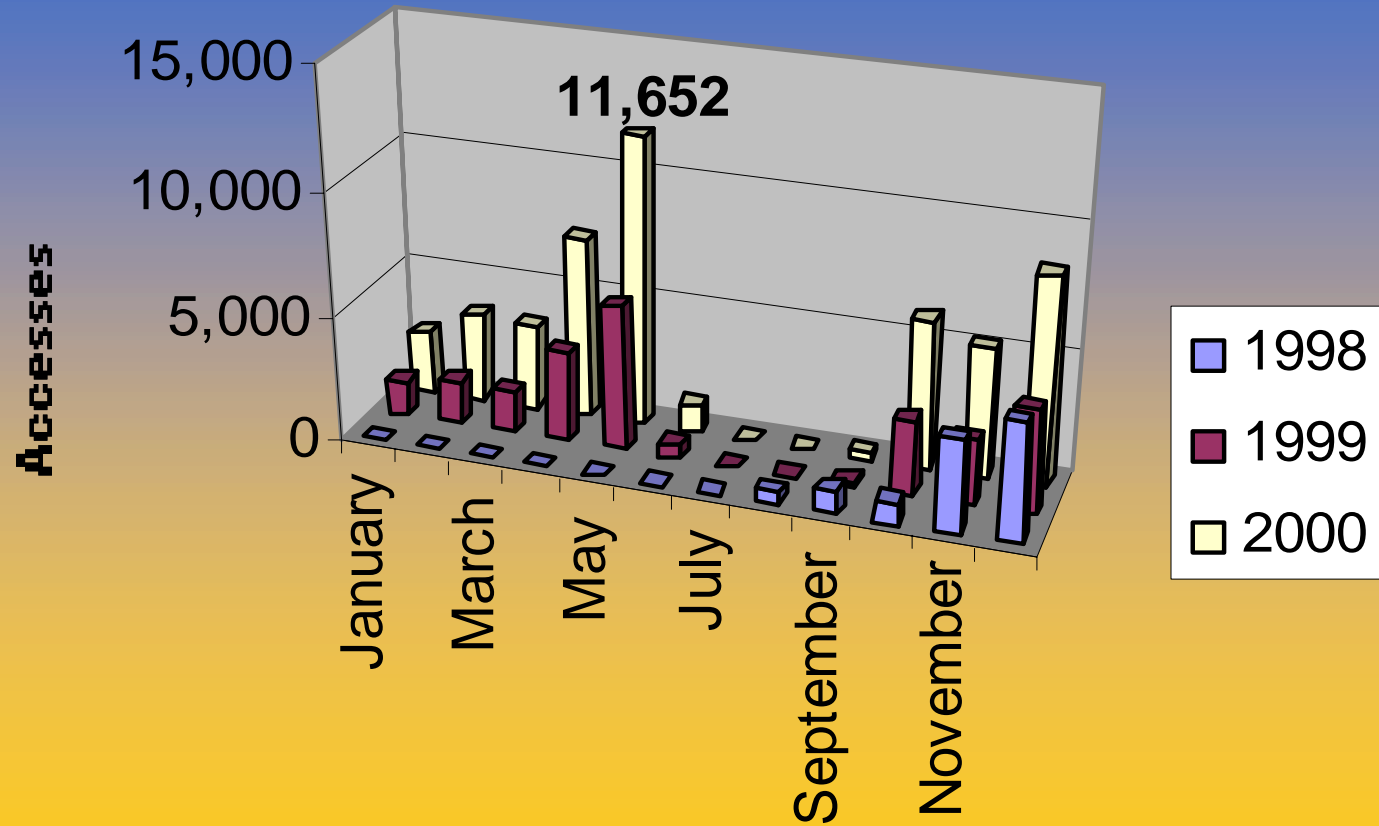


## WVU Print TDs Accessed: 1998-99 (Pre-ETD)



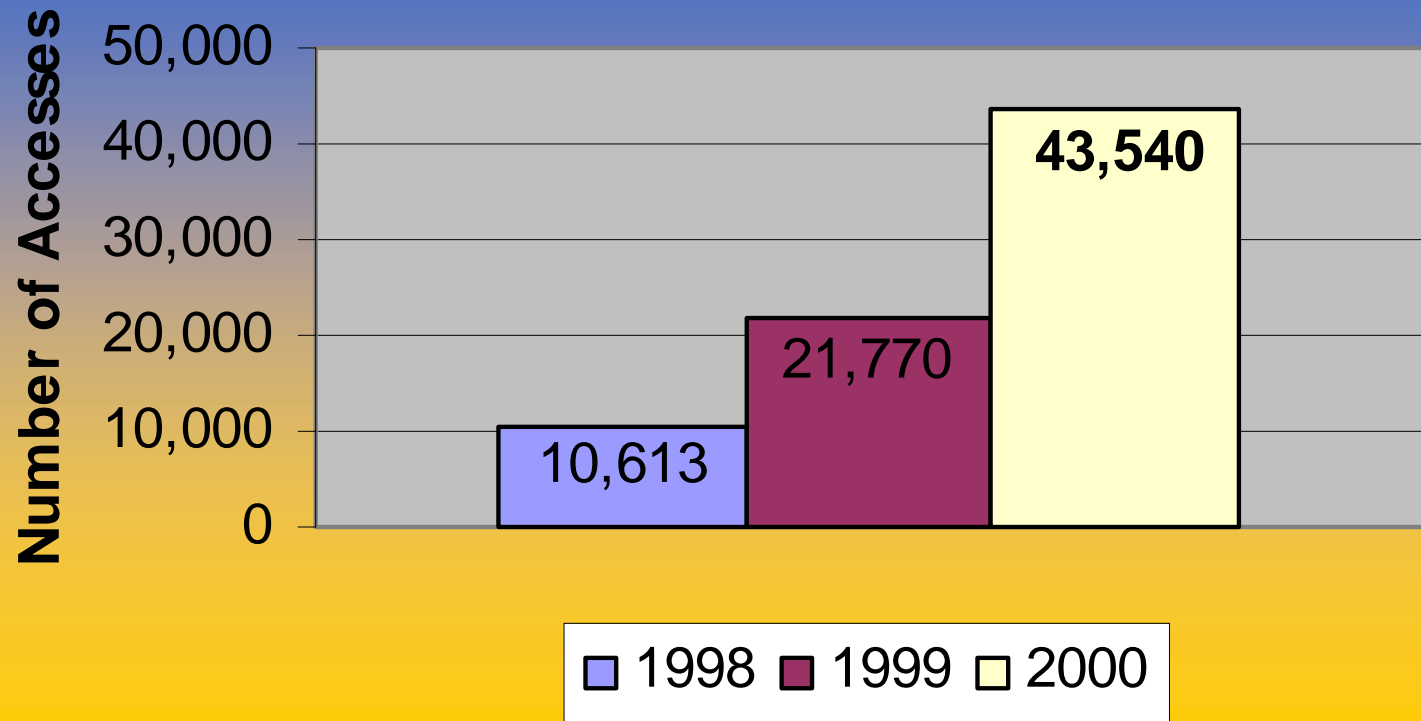


## WVU ETD Monthly Accesses



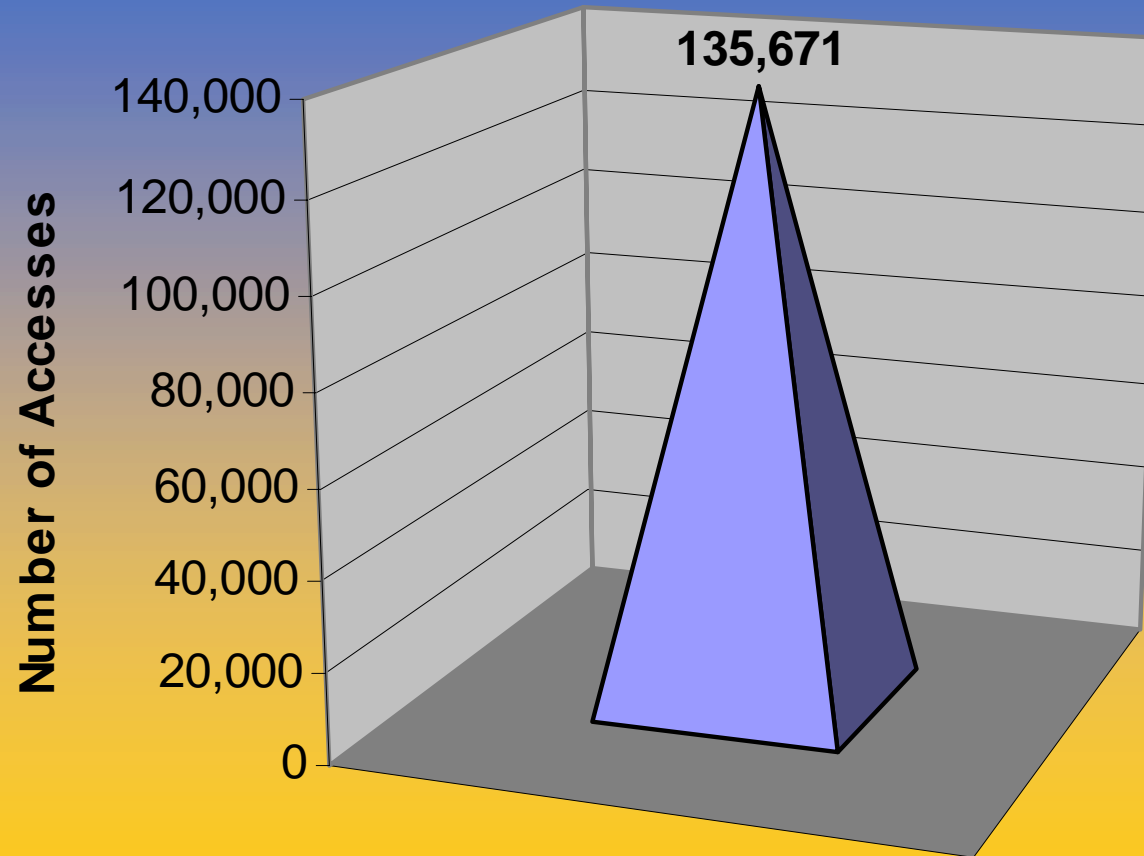


## Overall WVU ETDs Accessed



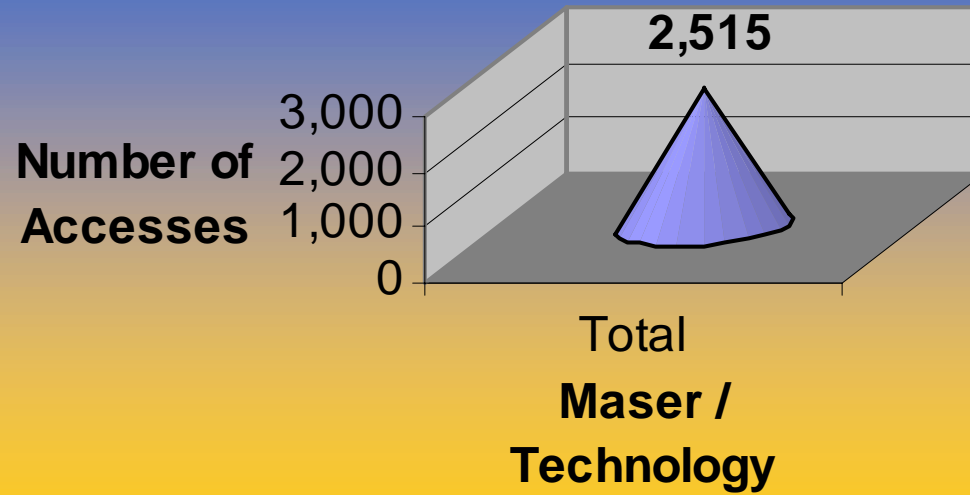


## Total WVU ETDs Accessed: 1998 - Present



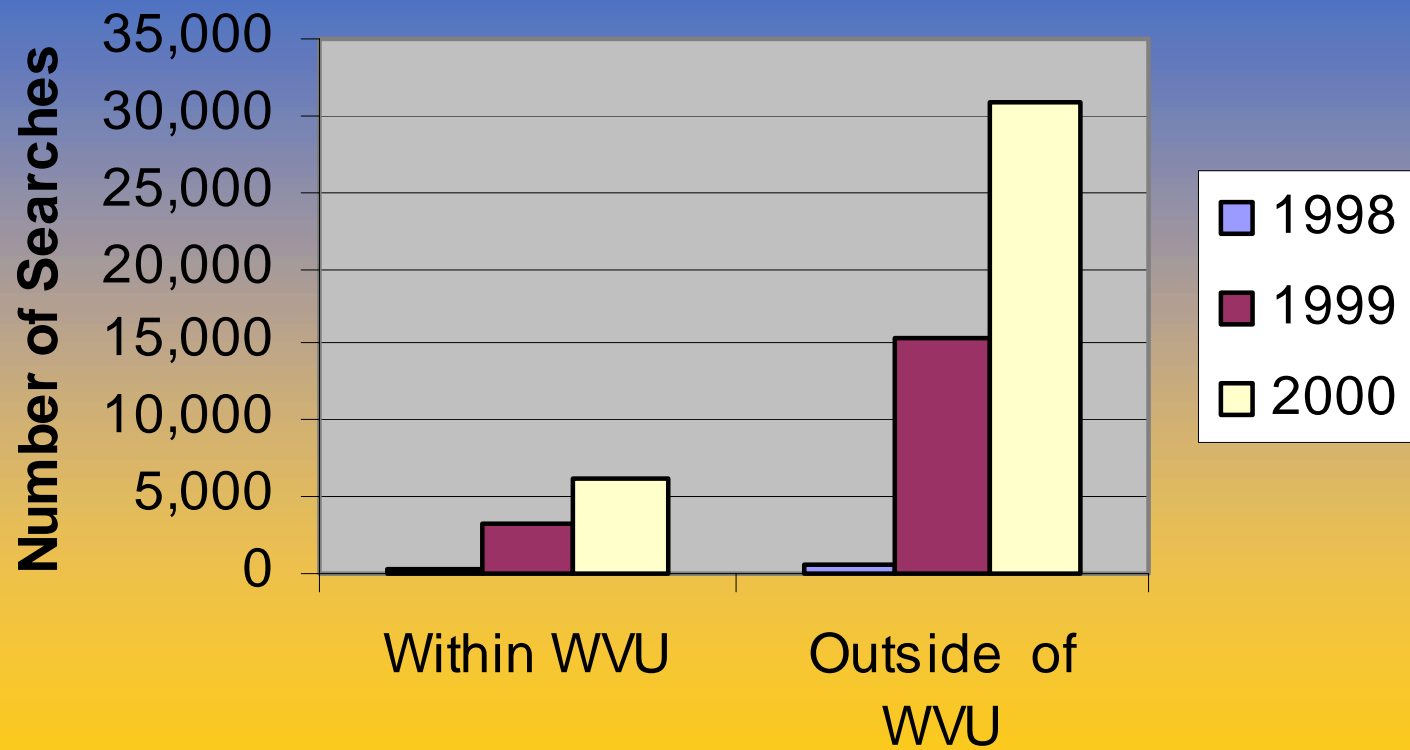


## WWU ETD Most Accessed



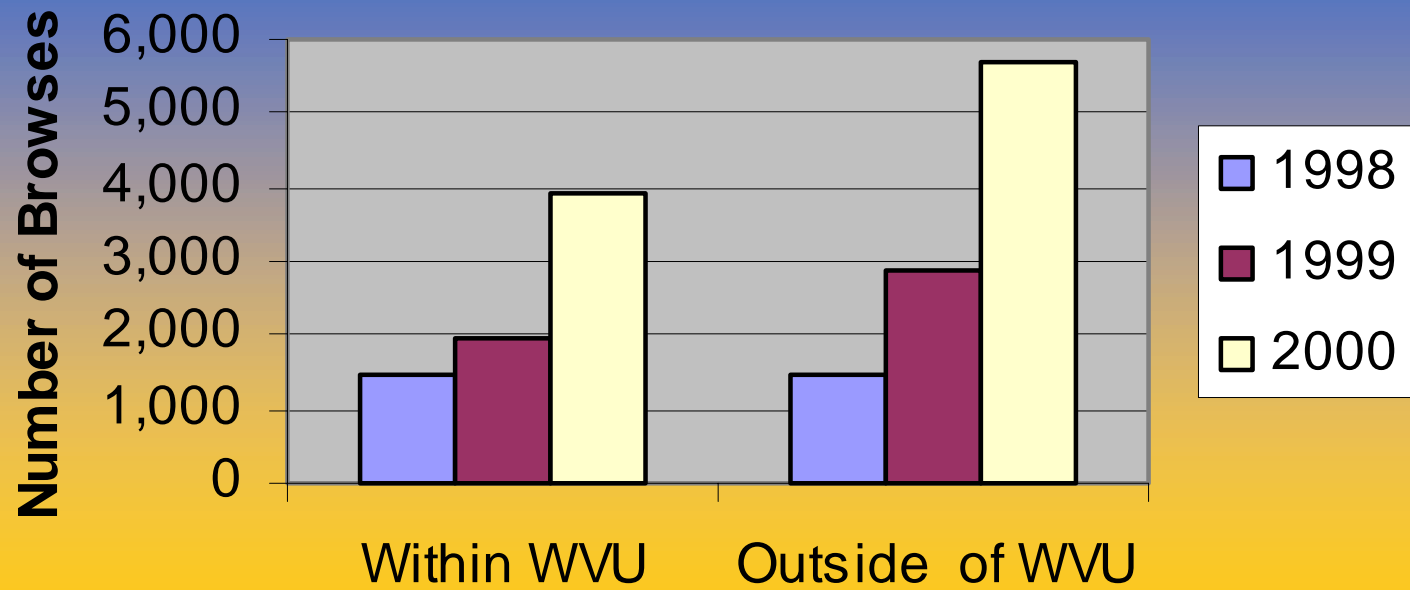


## WVU ETDs Searched



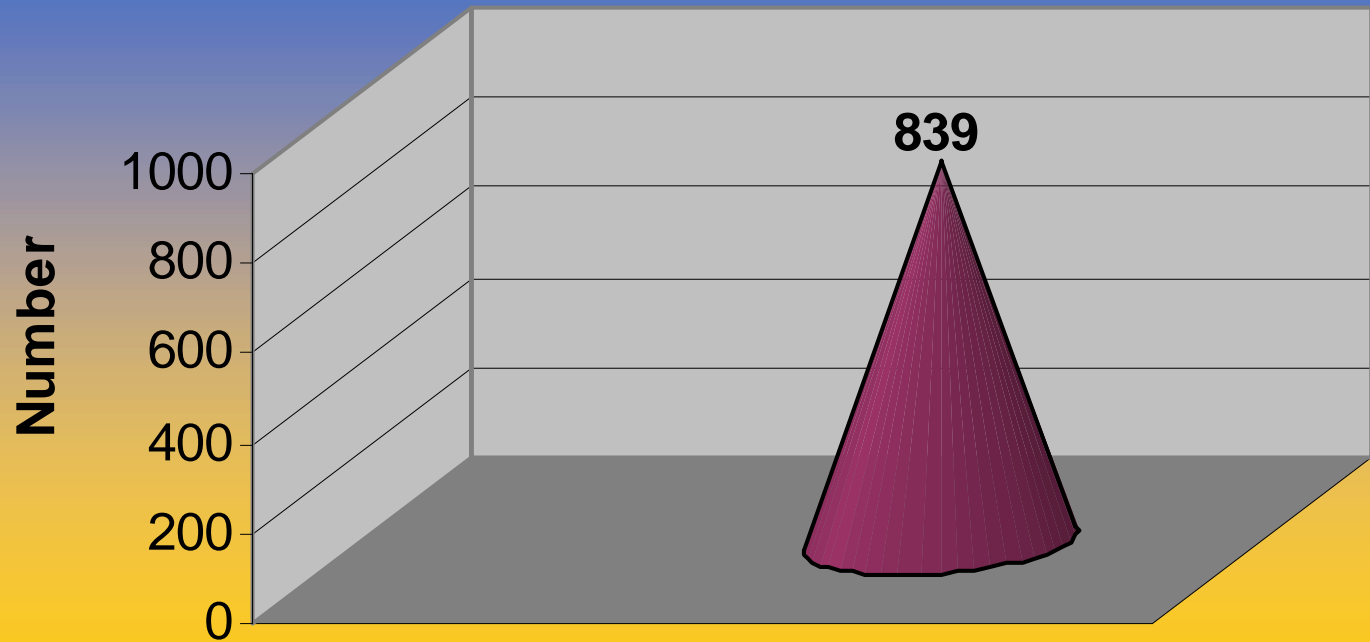


## WVU ETDs Browsed



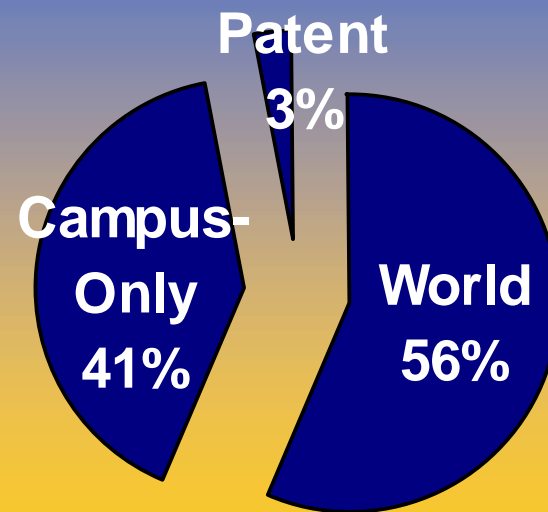


## Total WVU ETDs as of March 2001



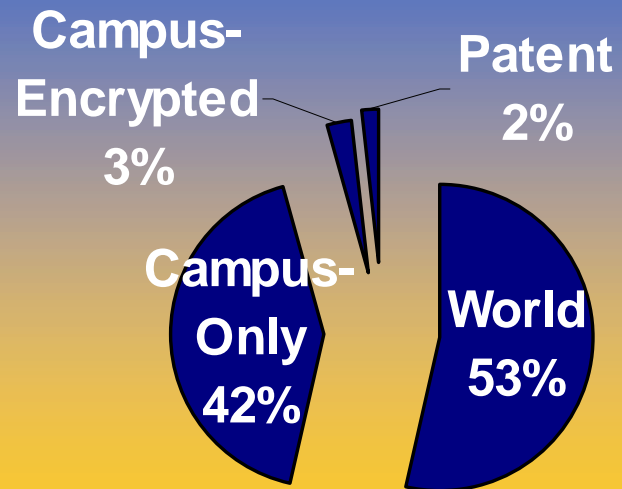


## Web Distribution of WVU ETDs: 1998



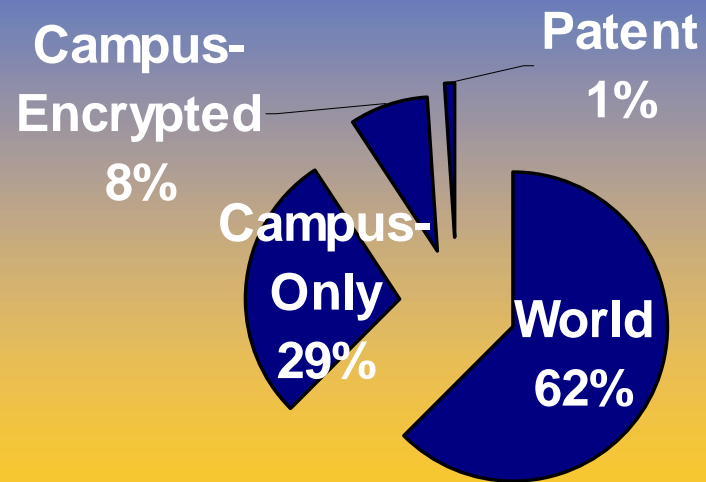


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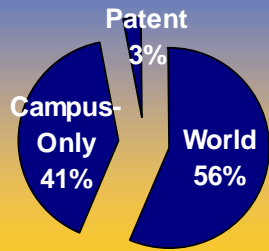


## Web Distribution of WVU ETDs: 2000

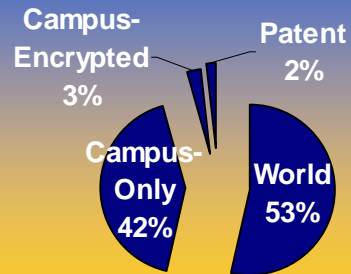




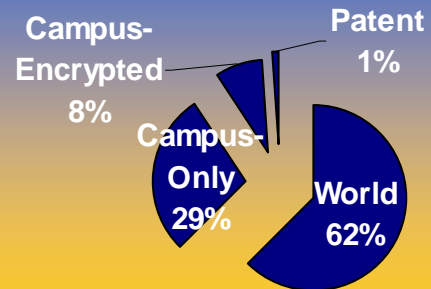
**Web Distribution of WVU ETDs:  
1998**



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1999**

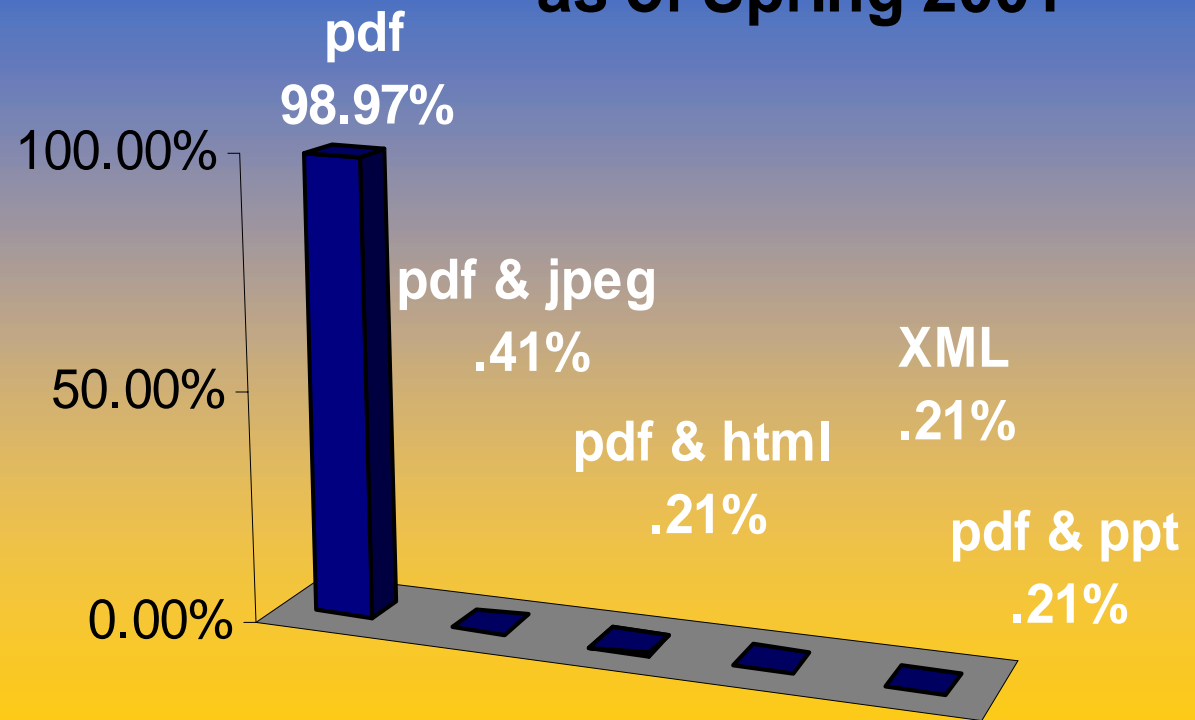


**Web Distribution of WVU ETDs:  
2000**



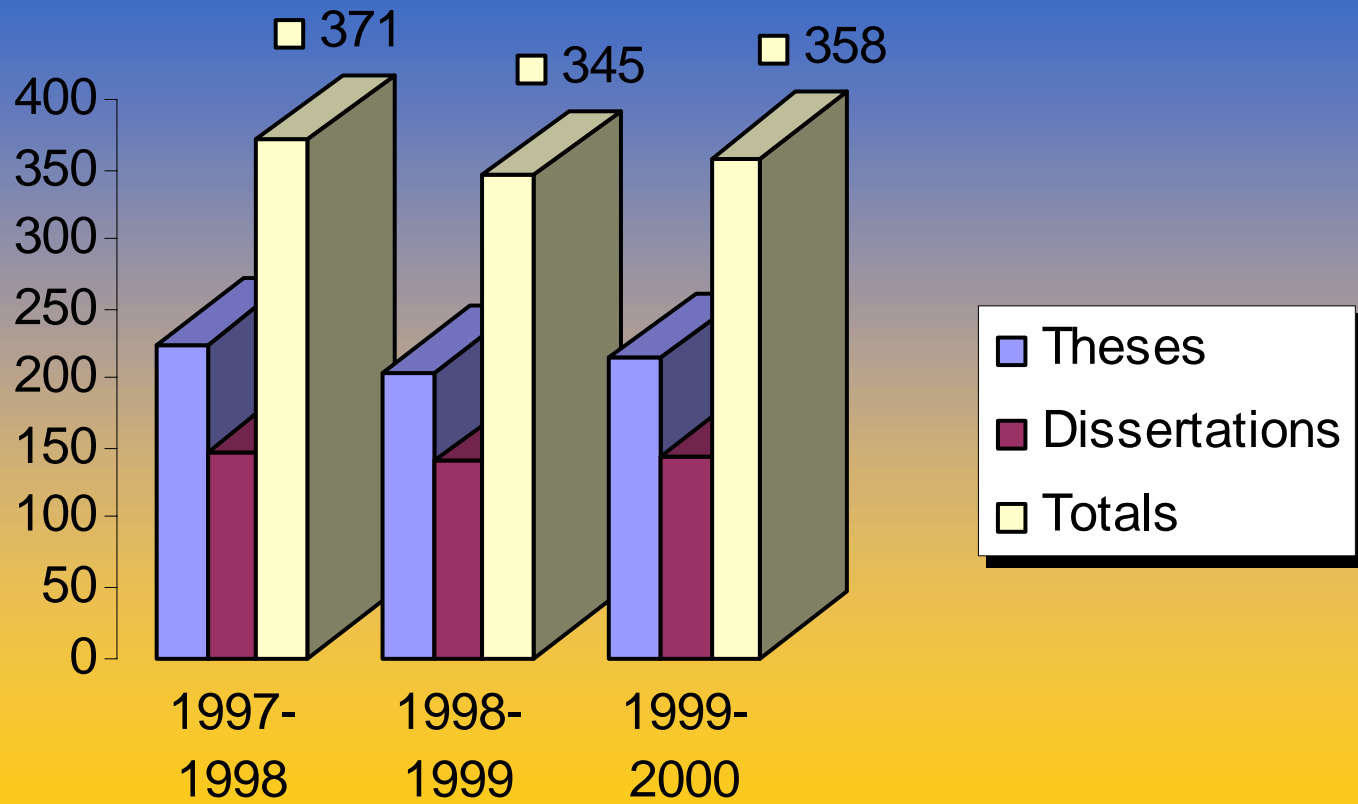


## WVU ETD Format Types as of Spring 2001



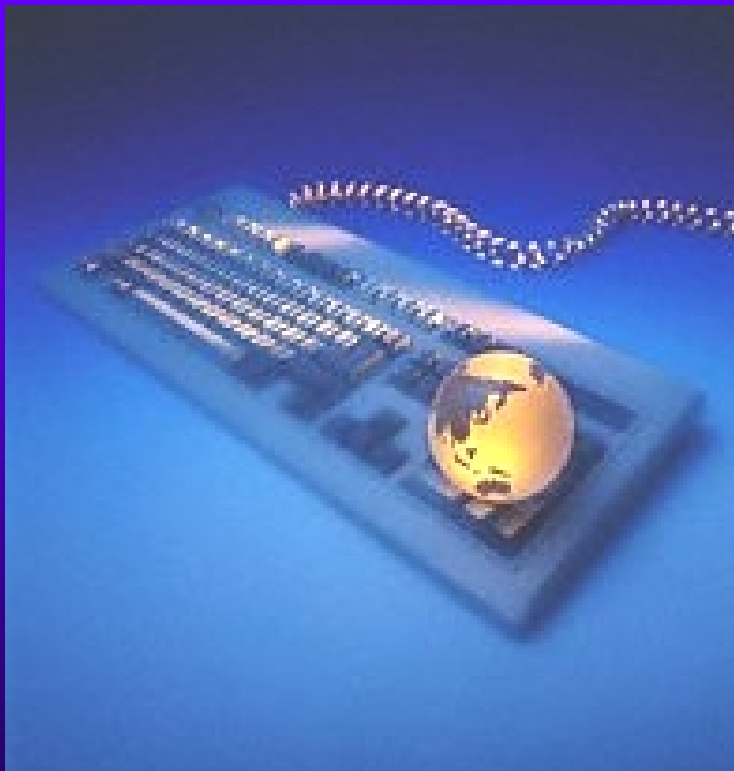


## WVU ETD Submissions



# WVU Electronic Theses and Dissertations

<http://www.wvu.edu/~thesis/>



## WVU ETD Program

Presented at the WVU  
Computing & Technology Fair  
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