



Ronald D. Thompson, Ph.D. *
Associate Institutional Research Analyst

Robert W. Mullen *
Associate Director

Mikael L. Pelz *
Graduate Research Assistant

Mardy T. Eimers, Ph.D.
Director *

* University of Missouri System, Office of Institutional Research & Planning, 721
Lewis Hall, Columbia, Missouri 65211.

*National Study of Instructional Costs and Productivity (NSICP, or
“Delaware Study”) data from a major Midwestern U.S. public university
system for a recent ten consecutive year period are summarized using
statistical graphs. Considerations underlying the final choice of graphics
are discussed.*



Outline

- Introduction
 - Project
 - People
- Motivation
- Graphs
- Summary
- Next Steps
- Q & A



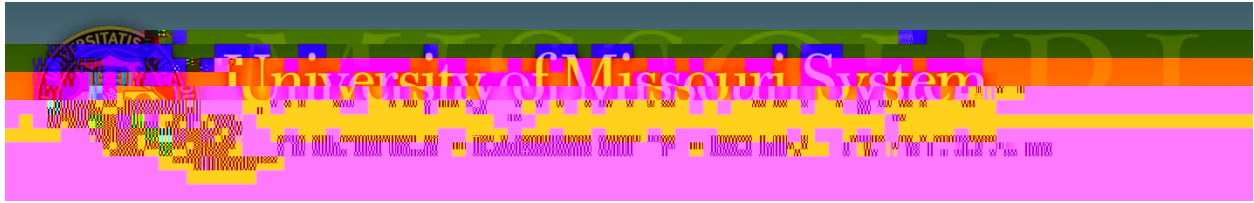
UM Departments with Historical NSICP Data

UM Campus	No. Departments
MU	51
UMKC	23
Missouri S&T	15
UMSL	24
TOTAL	113



Displaying NSICP (Delaware Study) Data
Mid

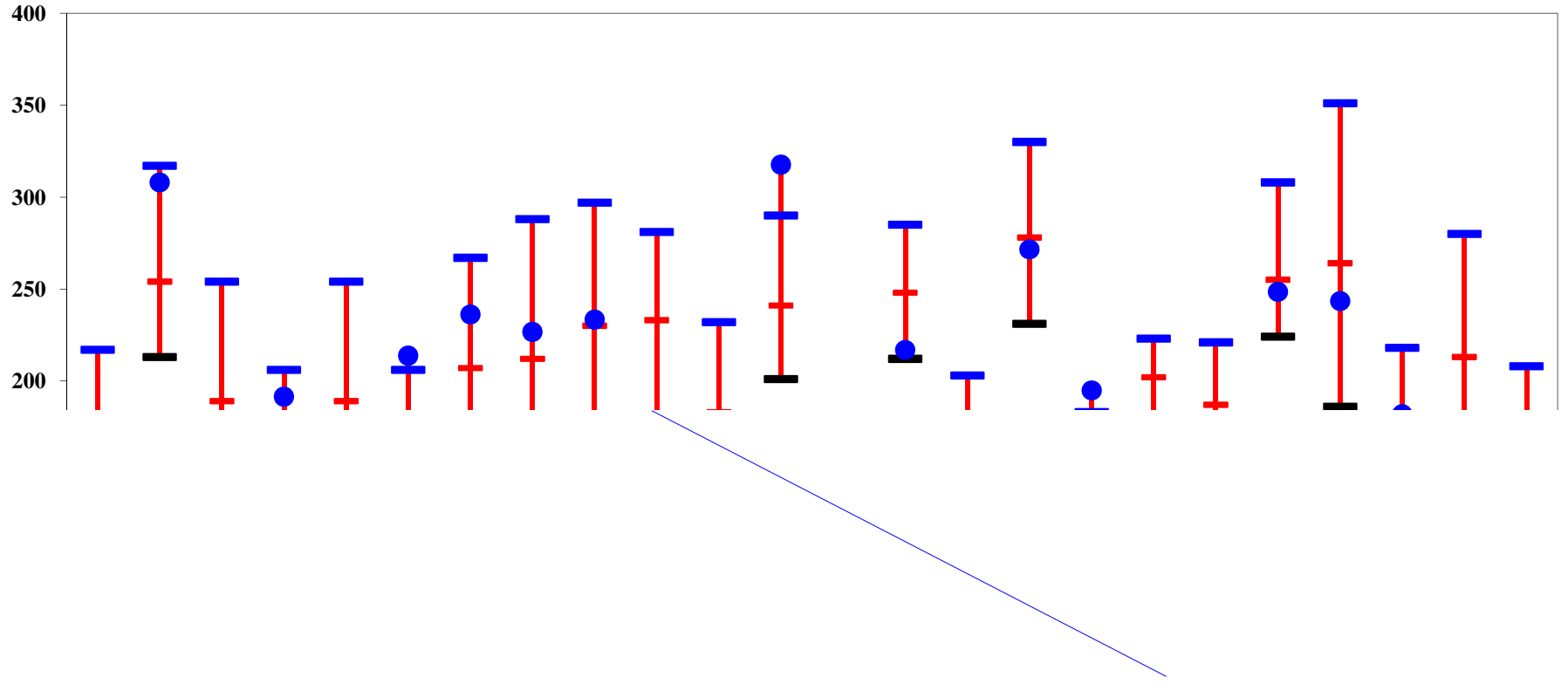


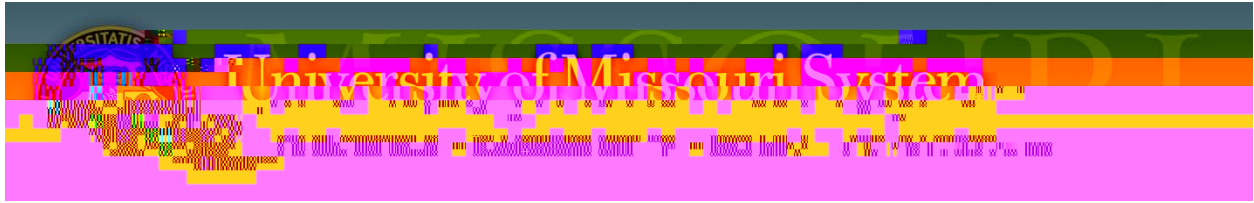


Displaying NSICP (Delaware Study) Data
Mid America Association for Institutional Research (MidAIR)
28th Annual Conference
November 12-14, 2008
MidAIRTalk_20081114_DelawareSample02

Direct Expenditures per SCH and SCH per FTE Comparisons
University of Missouri - XXXX
FY2006 DRAFT 01/07/2008

— 25th Percentile — Median — 75th Percentile •





More NSICP Based Metrics

FS Total SCH

FS Total FTE *Instructional* Faculty

FS Total SCH taught by Regular TTE [*Instructional*] Faculty

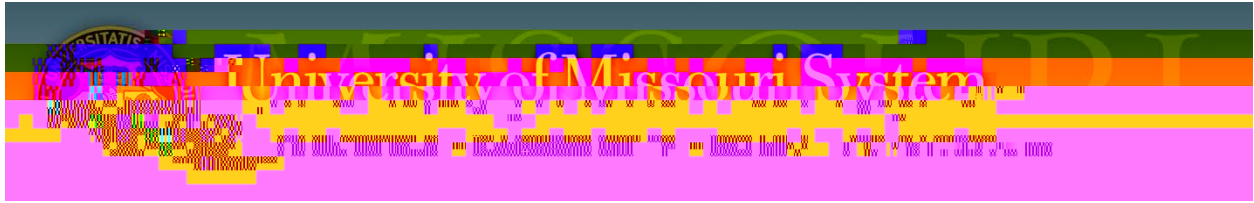
FS Total FTE Regular TTE *Instructional* Faculty

FY Total Direct Expenditures for Instruction

AY Total SCH supported by Department's Instructional Budget

FY Total Direct Expend for Separately Budgeted Rsrch & Service

FS Total FTE Regular TTE Faculty



More NSICP Based Metrics

FS Total SCH

FS Total FTE *Instructional* Faculty



More NSICP Based Metrics

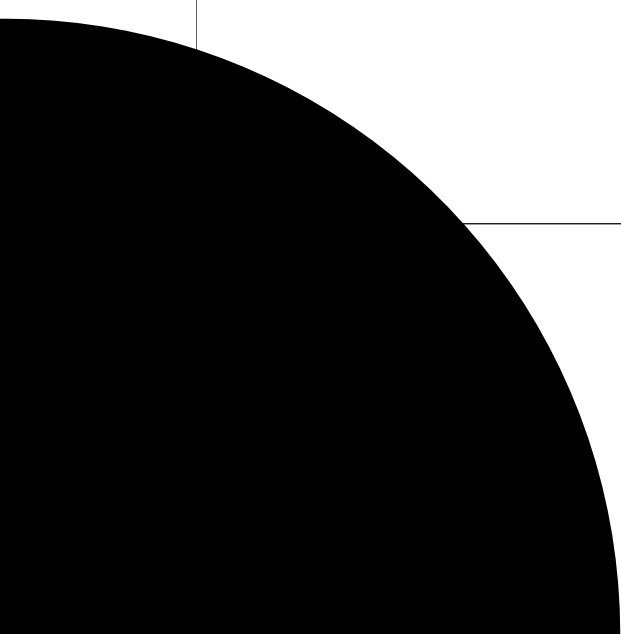
FY Total Direct Expenditures for Instruction

AY Total SCH supported by Department's Instructional Budget

Fig 5. AY Rel Direct Instr Expend for SCH (in \$/SCH, infl adj)

Cam

J&T Department= CHE¹





More

Chemis

History

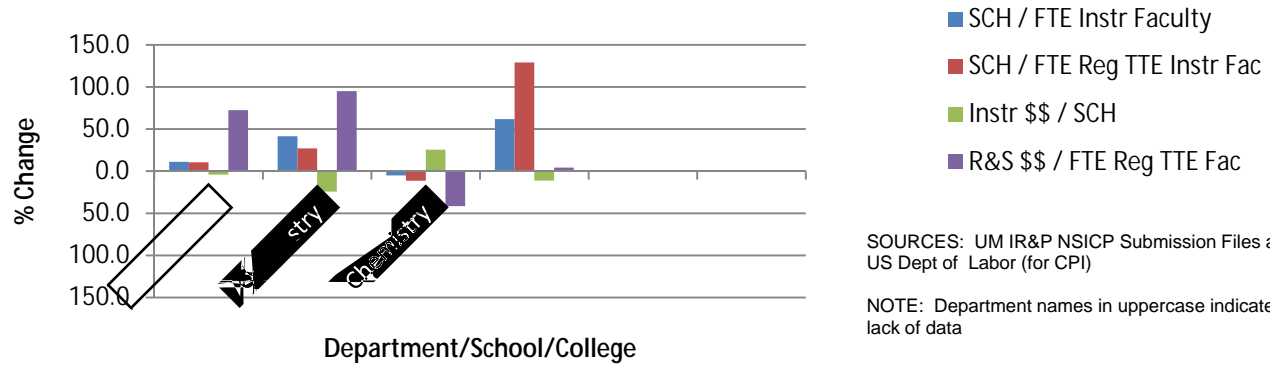
Phy



More NSICP Based Metrics

Displaying NSICP (Delaware Study) Data
Mid AmericaDataAQ

Fig 6. Rel Change (%) between FY2001 and FY2006 3 Yr Ave Productivity and 3 Yr Ave Direct Expenditures (Infl Adj), UM Chemistry Depts



SOURCES: UM IR&P NSICP Submission Files and US Dept of Labor (for CPI)

NOTE: Department names in uppercase indicate lack of data

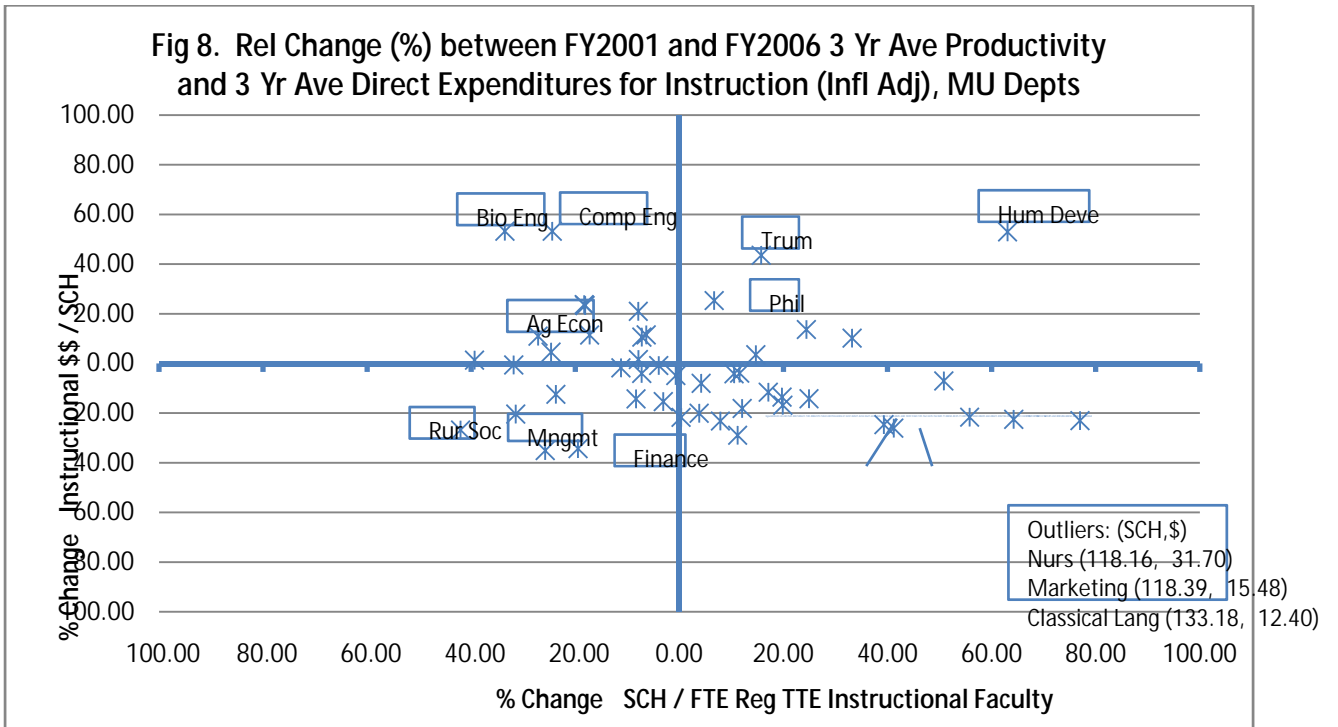
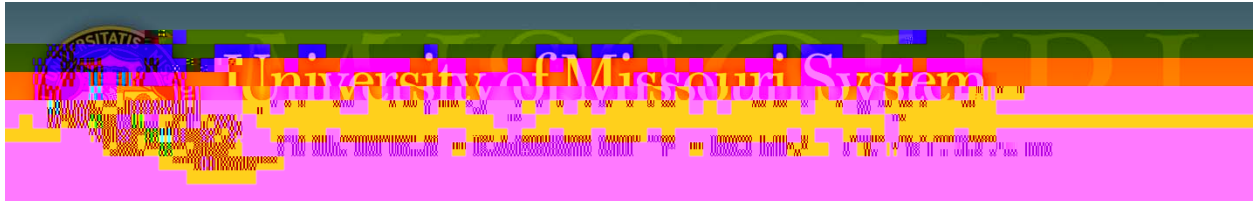


SCH per FTE Instru Fac.

Dir

400
300
200
100
0
-100
-200
0

07/11/2008 2:28



Displaying NSICP (Delaware Study) Data
 Mid America Association for Institutional Research (MidAIR)
 28th Annual Conference
 November 12-14, 2008
 MidAIRTalk_20081114_scatterplot

