UMC 2001 Benchmark Data

Institutions Participating in Survey

- Arizona State University
- Auburn University
- University of California, LA
- Carnegie Mellon University
- Colorado School of Mines
- Cornell University
- University of Delaware
- University of Florida
- Georgia Institute of Technology
- Illinois Institute of Technology
- University of Illinois
- Iowa State University
- Johns Hopkins University
- Lehigh University
- University of Maryland
- McMaster University
- Michigan Technological University
- University of Michigan
- University of Minnesota
- Montana Tech
- New York State College of Ceramics at Alfred University
- Northwestern University
- Penn State University
- Purdue University
- The Ohio State University
- University of Pennsylvania
- Rensselaer Polytechnic Institute
- Rutgers The State University of New Jersey
- South Dakota School of Mines and Technology
- Stevens Institute of Technology
- University of Texas at Austin
- University of Virginia
- University of Washington
- Wright State University
UMC 2001 Benchmark Data

Full Time Faculty in MSE programs – 32 Programs Reporting

Average Faculty size = 15.7; No. of Assistant Professors: 73; No. of Associate Professors: 105; No. of Full Professors: 330

Full Time (EFT) Faculty
UMC 2001 Benchmark Data

Distribution of Female and Under-represented minority faculty – 27 Programs reporting
UMC 2001 Benchmark Data

Distribution of Average Faculty Salaries (32 Institutions Reporting) – Academic Year

Averages: Assist. Prof. = $67077/ Assoc. Prof. = $76743 / Full Prof. = $103644
UMC 2001 Benchmark Data

Distribution of Upper Decile of Faculty Salaries (25 Institutions Reporting)

Academic Year

Upper Decile Salary

[Bar chart showing the distribution of upper decile salaries for Assistant Professor, Associate Professor, and Full Professor at different percentiles (25, 50, 75, 90).]
UMC 2001 Benchmark Data
Number of Students by Degree Pursued (32 Institutions)
Averages: 24.4 MS / 44 PhD
UMC 2001 Benchmark Data

Number of female and minority students in MS and PhD Program

Averages: MS Female = 6 / MS Minority = 2 / PhD Female = 9.6 / PhD Minority = 3.5
UMC 2001 Benchmark Data

Number of Degrees Awarded

Averages: BS = 19/ MS = 10/ PhD = 8

![Bar chart showing distribution of degrees awarded]
UMC 2001 Benchmark Data

Distribution of BS Degrees Awarded

![Bar Chart]

- BS Female
- BS Minority
- BS Foreign

- 0-3
- 4-7
- 8-11
- 12-15
UMC 2001 Benchmark Data

Distribution of MS Degrees Awarded

- MS Female
- MS Minority
- MS Foreign
UMC 2001 Benchmark Data
Distribution of PhD Degrees Awarded

The graph shows the distribution of PhD degrees awarded in 2001, categorized by gender and minority status, across different ranges of degrees awarded (0-3, 4-7, 8-11, 12-15). The categories include PhD Female, PhD Minority, and PhD Foreign.
UMC 2001 Benchmark Data
GRE Scores
Averages: Verbal = 559/ Analytical = 712 / Quantitative = 725
UMC 2001 Benchmark Data

MSE vs. Engineering SAT Scores

Averages: MSE = 1284.5 / Engineering = 1274.1
UMC 2001 Benchmark Data

MSE vs. Engineering ACT Scores

Averages: MSE = 27.8 / Engineering = 26.7
UMC 2001 Benchmark Data

Stipends for MS and PhD students

Averages: MS = $15,455 / PhD = $16,075
UMC 2001 Benchmark Data

Annual Research Budget Per EFT Faculty

Average = $327,757/EFT Faculty

![Bar Chart]

- 25 Percentile
- 50 Percentile
- 75 Percentile
- 90 Percentile

Funds/Faculty
UMC 2001 Benchmark Data

Office and Laboratory Space

Averages per EFT Faculty: Office Space = 518sq. ft. / Laboratory Space = 1818sq. ft. / Total Space = 2229sq. ft.