CMMAP Reporting

So many reports,

so little time....

CMMAP Reporting

"The Center Director will develop and maintain a set of management and performance indicators for submission annually to NSF via an evaluation technical assistance contractor. [The evaluation technical assistance contractor, to be provided by NSF, will collect data to evaluate the STC Program and its future viability, focus, and direction.] .... Part of this reporting will take the form of a database, which will be owned by the institution and eventually made available to an evaluation contractor. This database will capture specific information to demonstrate progress towards achieving the goals of the program."

CMMAP Reporting

- Subaward Reports
- CSU Funded People
- Research Highlights
- Ad hoc reports
- Annual Report

CMMAP Reporting

- Subaward Reports
  - Due January 31 and June 30 each year
  - Enough detail to show progress toward SOW
- CSU Funded People
  - Due at annual report time (March 1)
  - Enough detail to show individual progress toward objectives in SI Plan for which you are involved

CMMAP Reporting

- Research Highlights
  - Due whenever NSF requests them of us, once per year
  - Establish context of research and why it is important, 2 pages max
  - Examples are available

CMMAP Reporting

- Ad Hoc Reports
  - As requested
- Annual Report
  - Due to NSF by April 1, your input due to us by March 1
  - Cumulative information submitted by Objective Team Leaders in significant detail

CMMAP Reporting

- We have 139 Team Members
- As of this morning, only **27** of you have entered your personal information
- Only **5** of you have entered results-based information
- You have 8 days...

CMMAP Reporting

I will pursue you.

CMMAP Reporting

Research Objectives	Team Leader
1. Extensions, evaluations and applications of the prototype MMF	Khairoutdinov
2. Development of a second-generation MMF	Arakawa/Randall
3. Develop and test improved microphysics parameterizations for MMFs and GCRMs	Krueger/Kreidenweis
4. Develop improved parameterizations of boundary-layer clouds and turbulence for use in MMFs and GCRMs	Bretherton/Moeng
5. Test sensitivity of CSRMs to more detailed radiation calculations	Barker
6. Innovative analysis, evaluation and interpretation of MMF results using emerging datasets	Rossow
7. Accelerating improvement of conventional parameterizations	Stevens
8. Optimal use of computational and data storage resources	Helly

CMMAP Reporting

Education Objectives	Team Leader
1. Implement, disseminate and evaluate improved Earth System Science curricula for middle and junior high schools	Jones
2. Improved climate education at high school level	Denning
3. Dissemination of CMMAP science to public via web	Foster
4. Outreach to climate stakeholders and policymakers	Kathlene
5. Improved undergraduate climate education	Drossman
6. Graduate education and research	Denning
7. Teaching future teachers	Denning

CMMAP Reporting

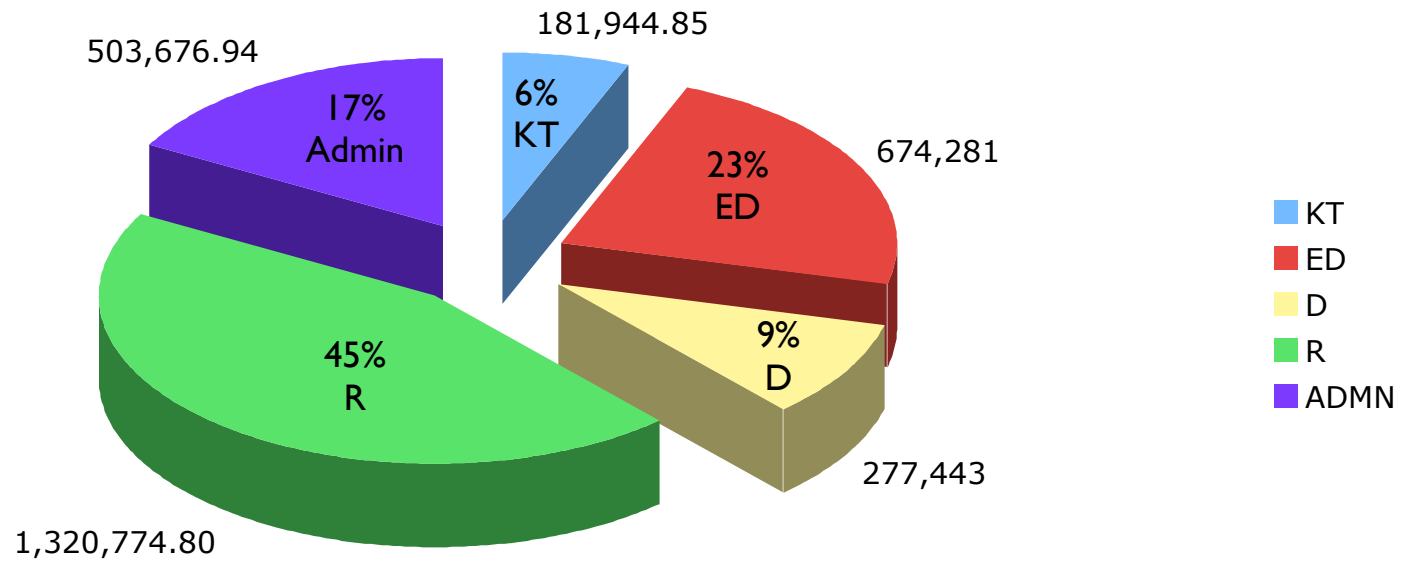| Diversity Objectives	Team Leader
1. Recruit and matriculate representative Ph.D. students from CMMAP	Pandya
2. Improved recruitment of ethnic minorities to undergraduate science and engineering programs	El-Hakim
3. Better retention of women in the science pipeline	Denning
4. Study diversity problems and solutions, and disseminate results	Canetto

CMMAP Reporting

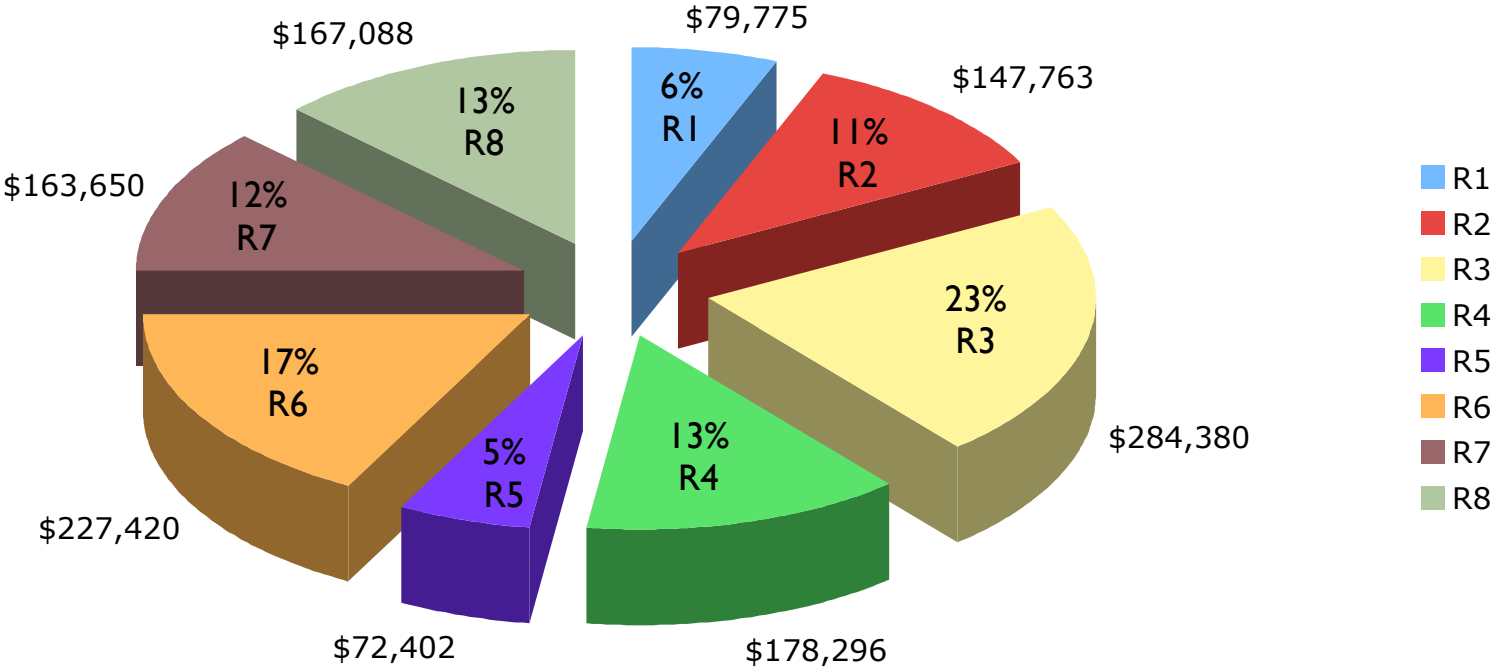| Knowledge Transfer Objectives	Team Leader
1. Provide to climate modeling centers improved tools for the simulation of global cloudiness, as well as innovative tools for the analysis of such simulations	Collins
2. Provide improved cloud parameterizations to numerical weather prediction centers	Jakob
3. Create an edited book on the history of global atmospheric modeling	Donner
4. Create a new all-electronic open-access journal for the publication of research on global environmental modeling, including review articles and a semi-popular section	Schubert
5. Create and maintain a website containing a section designed to make CMMAP results easily available to the scientific community and a section designed to increase public understanding of issues in global climate modeling	KT Coordinator

Year 1 Budget

- $2.96M from NSF

- $888K in cost share commitments

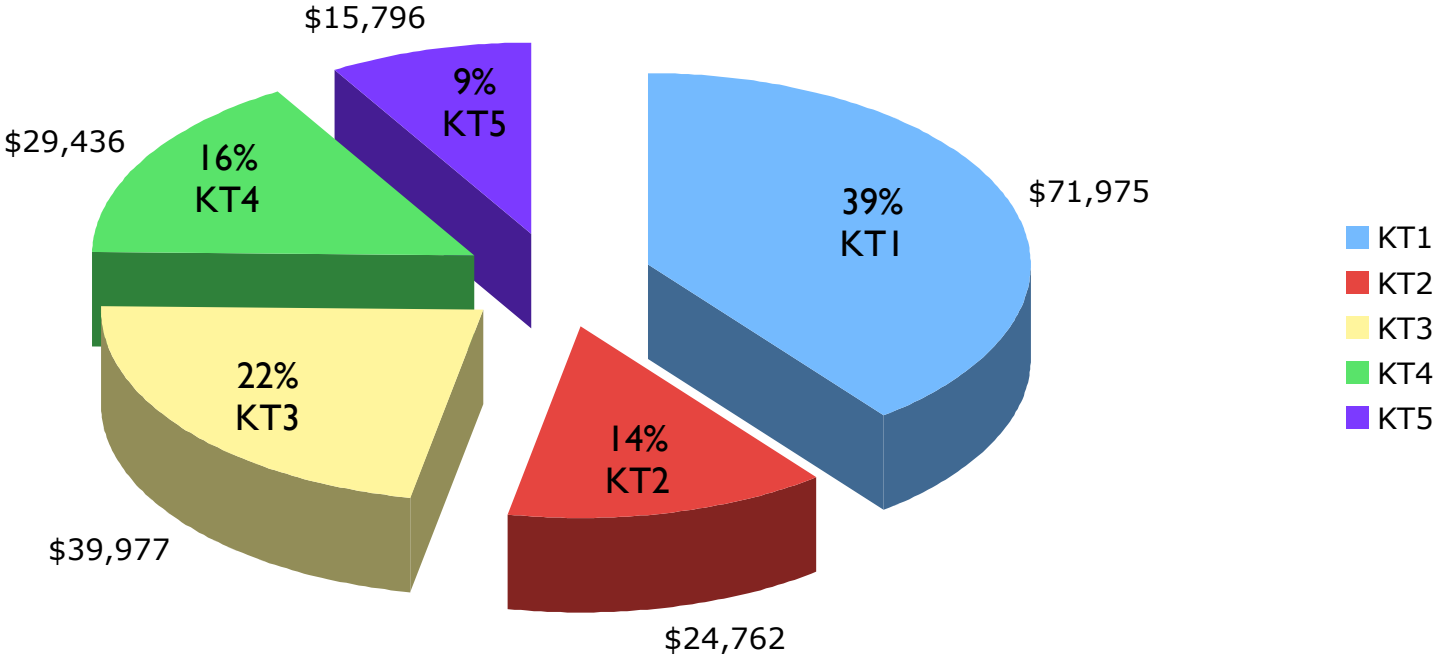- Our accounting is set up such that we can track spending by area (KT, EDU, DIV, RES, ADMIN), and/or by objective
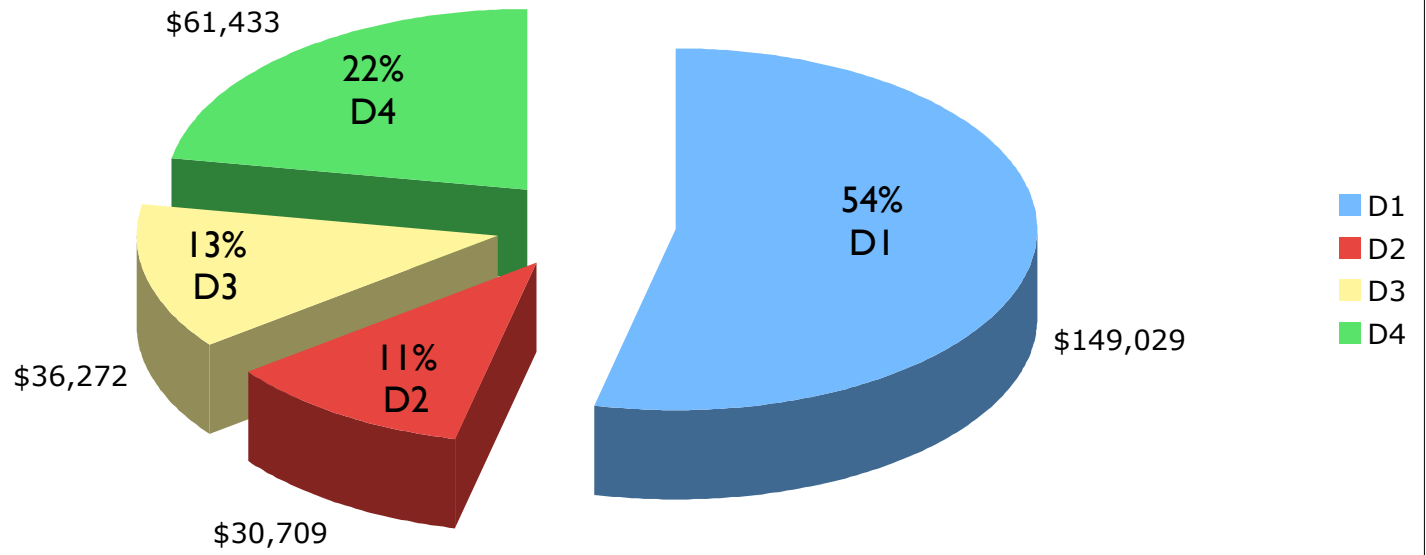
CMMAP Totals by $ and %

181,944.85

503,676.94

674,281
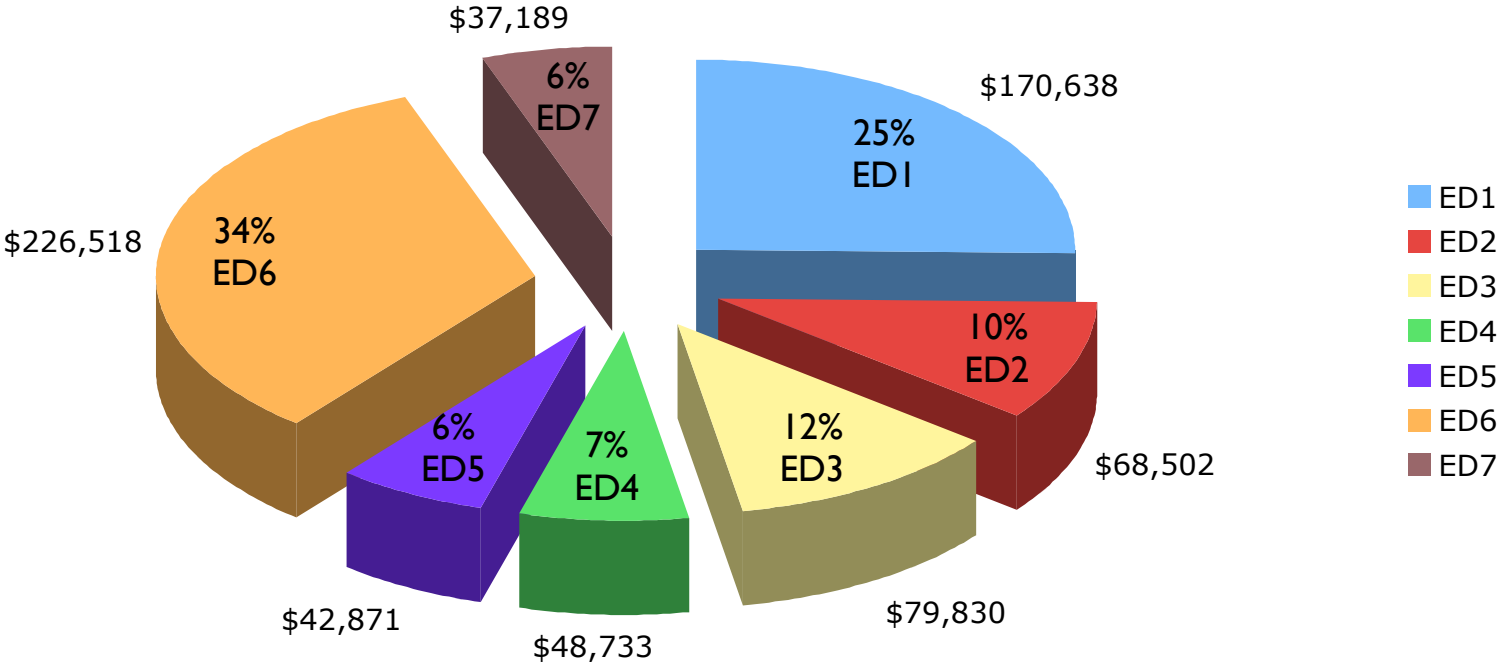
6%
KT

17%
Admin

23%
ED

9%
D

45%
R

277,443

1,320,774.80

- KT
- ED
- D
- R
- ADMN

CMMAP RES Objectives by $ and %

- R1 — $79,775 — 6% R1
- R2 — $147,763 — 11% R2
- R3 — $284,380 — 23% R3
- R4 — $178,296 — 13% R4
- R5 — $72,402 — 5% R5
- R6 — $227,420 — 17% R6
- R7 — $163,650 — 12% R7
- R8 — $167,088 — 13% R8

CMMAP KT Objectives by $ and %

- KT1 — $71,975 — 39% KT1
- KT2 — $24,762 — 14% KT2
- KT3 — $39,977 — 22% KT3
- KT4 — $29,436 — 16% KT4
- KT5 — $15,796 — 9% KT5

CMMAP DIV Objectives

CMMAP ED Objectives by $ and %

$37,189
6%
ED7

$170,638
25%
ED1

$226,518
34%
ED6

10%
ED2
$68,502

6%
ED5

7%
ED4

12%
ED3

$42,871

$48,733

$79,830

ED1
ED2
ED3
ED4
ED5
ED6
ED7

Research Budgeted vs. Spent
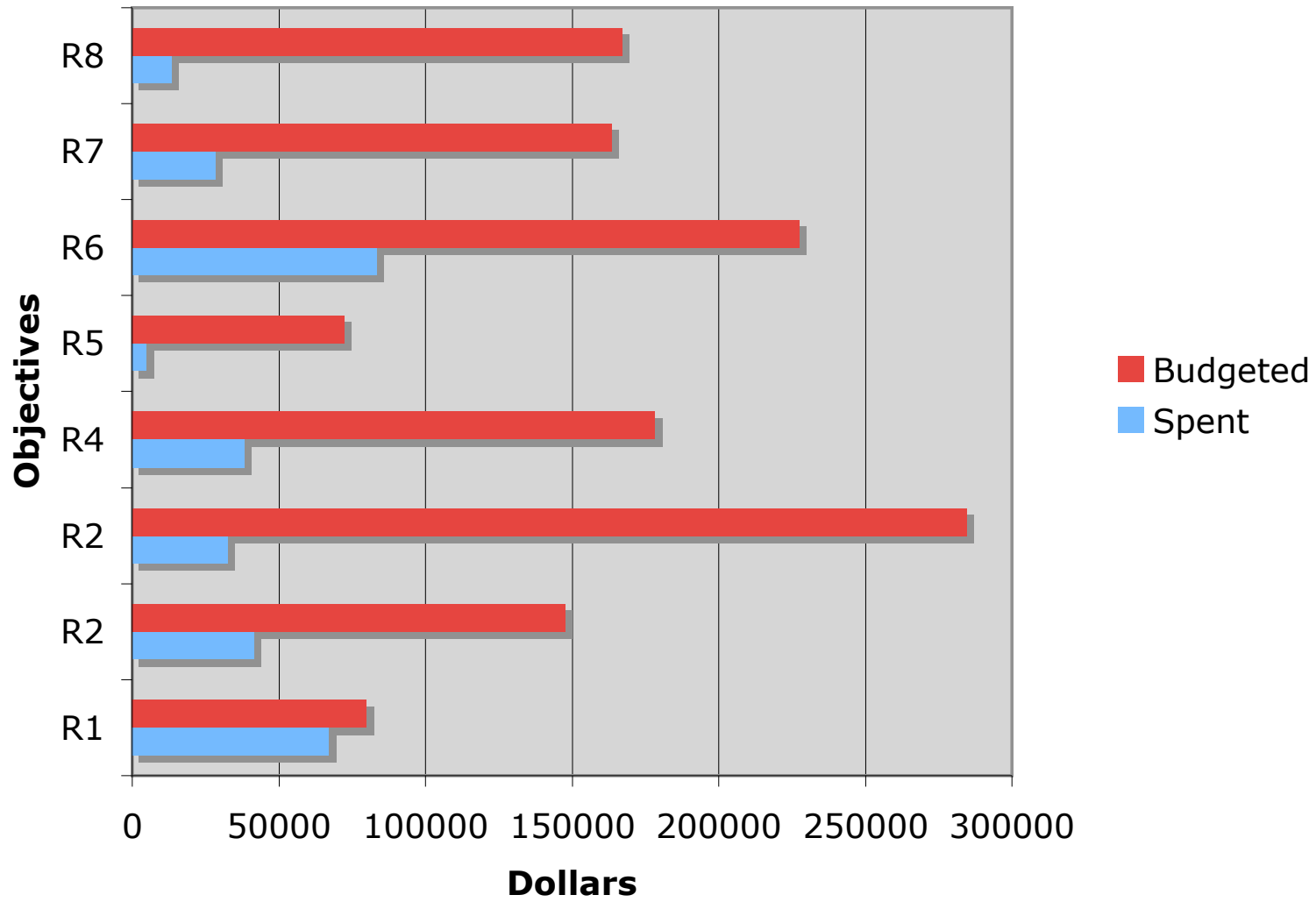
Knowledge Transfer Budgeted vs. Spent

Objectives: K1, K2, K3, K4, K5

Dollars: 0, 20000, 40000, 60000, 80000

Legend: Budgeted, Spent
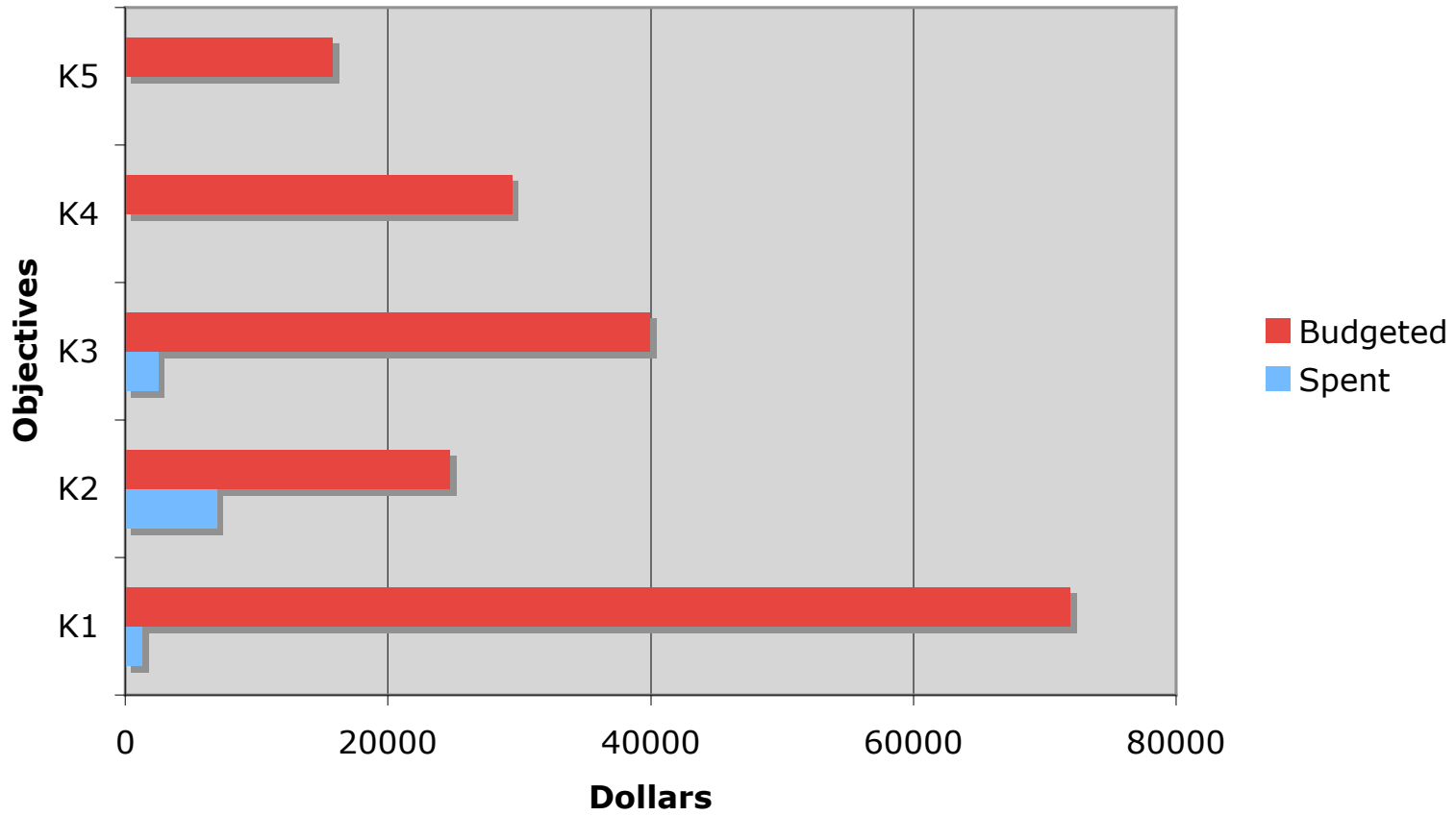
Education Budgeted vs. Spent

Objectives

Dollars

- Budgeted
- Spent

E1, E2, E3, E4, E5, E6, E7

0, 50000, 100000, 150000, 200000, 250000
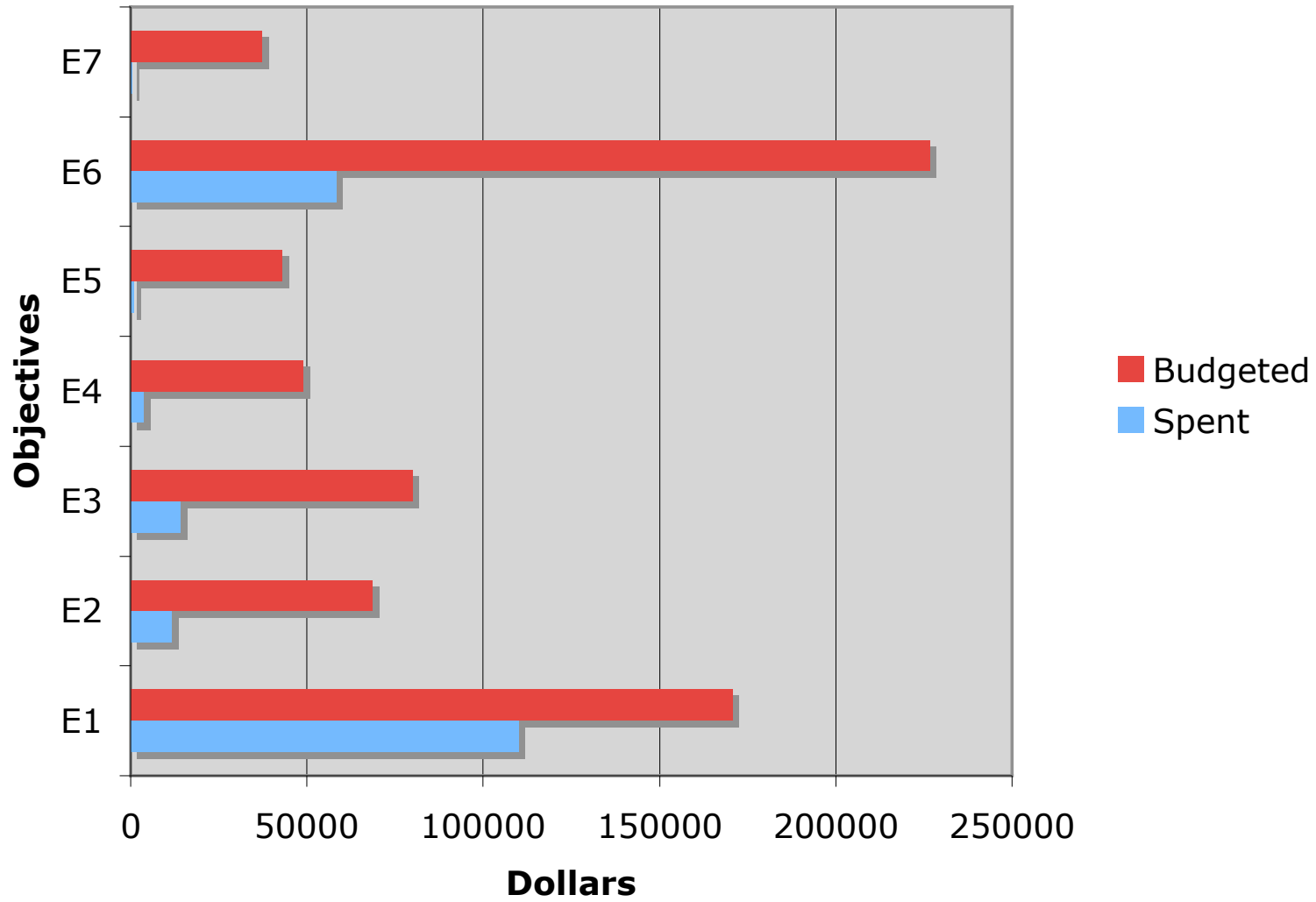
Diversity Budgeted vs. Spent
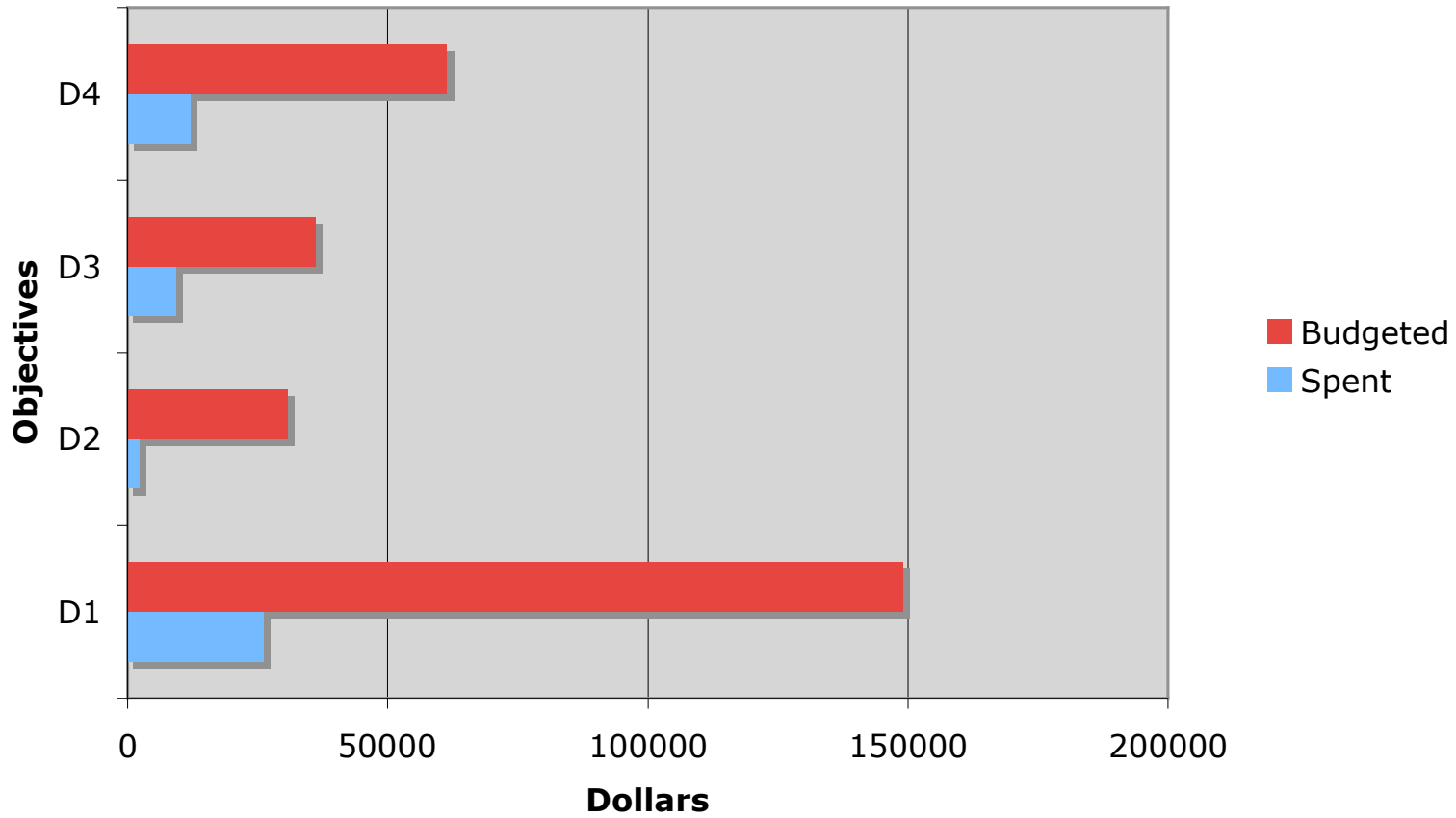
Overall Budgeted vs. Spent

Areas: Admin, KT, R, D, E
Dollars: 0, 200000, 400000, 600000, 800000, 1000000, 1200000, 1400000

Legend: Budgeted, Spent
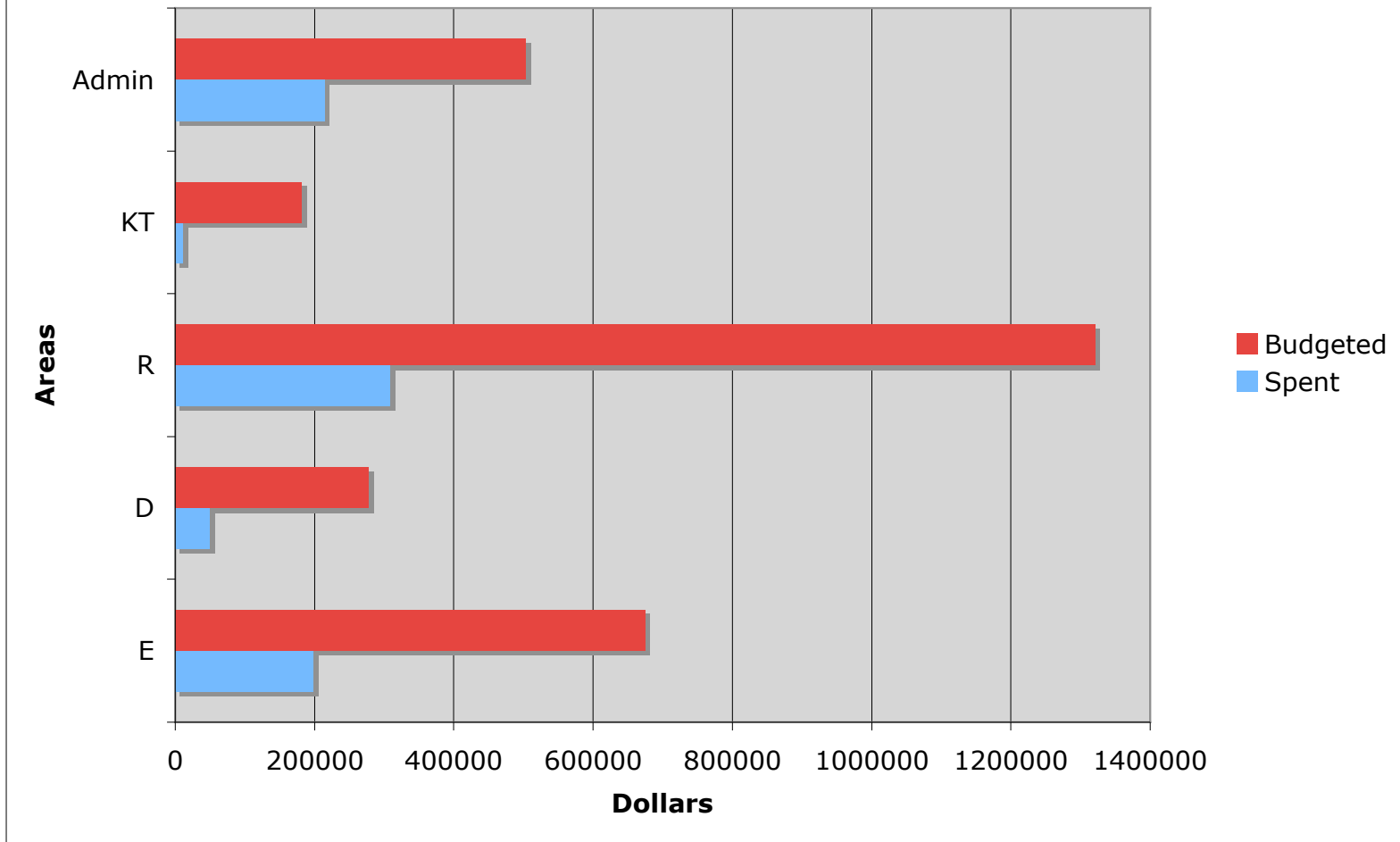
The Budget and the Annual Report

- I may need information from Subawardees to complete portions of the report

- I will need cost share documentation from non-CSU and non-Subawardees ASAP