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Research and Extension

“Diminishing beef cow research herds.....Their role in the past and their role in the future”

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Outline

- Situation at land-grant universities
- Trends in funding agricultural research
- Trends in cow-calf research units

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The Washington Post

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Introducing ‘The Tuition is Too Damn High’

By Dylan Matthews, Published: August 26 at 10:16 am

“The Tuition is Too Damn High” is a 10-part series that will run in Wonkblog over the next two weeks exploring the causes and consequences of — and potential fixes for — the skyrocketing costs of higher education. This is part one.

1974-75 TUITION AND FEES

The tuition and fee schedule set forth here is subject to change.

TUITION		FEES	
Full-time Undergraduate	per semester tuition	Resident	Nonresident
	\$1,100.00	\$144.00	\$144.00

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The Tuition is Too Damn High, Part III — The three reasons tuition is rising

By Dylan Matthews, Published: August 28 at 9:00 am

Tuition continues to skyrocket
Students pay more now than in 2000 for all types of higher education. Public institutions have seen the most dramatic rise, followed by community colleges and private schools.

Research universities
Invest significant resources in research doctorate degrees in addition to undergraduate and masters.

Master's and bachelor's institutions
Primarily focused on undergraduate and master-level instruction.

Community colleges
Mostly award associate's degrees.

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Research costs grow
Research institutions have increased instruction spending slowly while focusing more growth on research and auxiliary enterprises such as hospitals.

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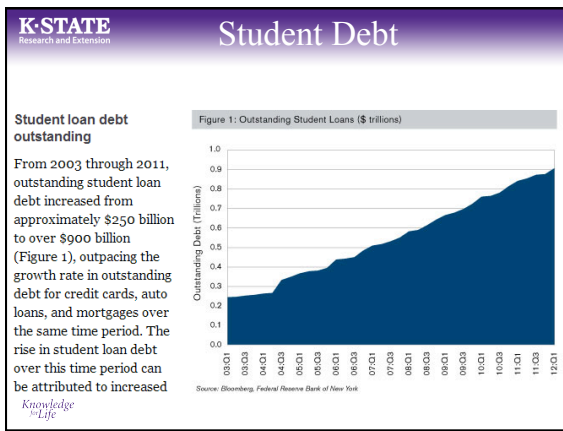
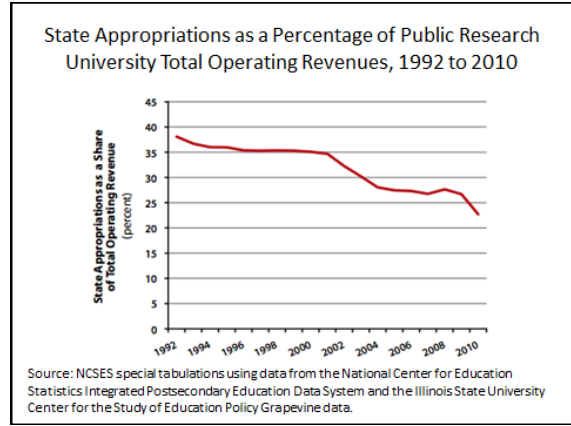
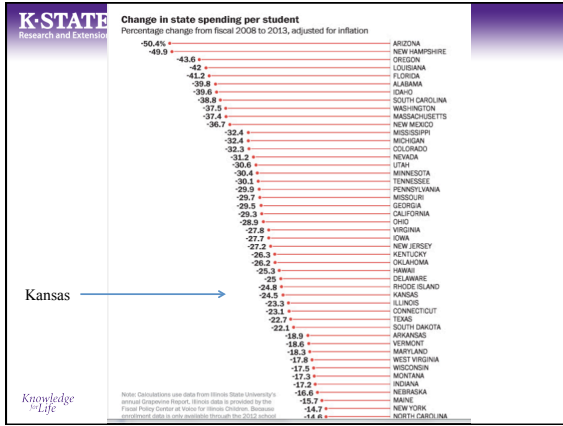
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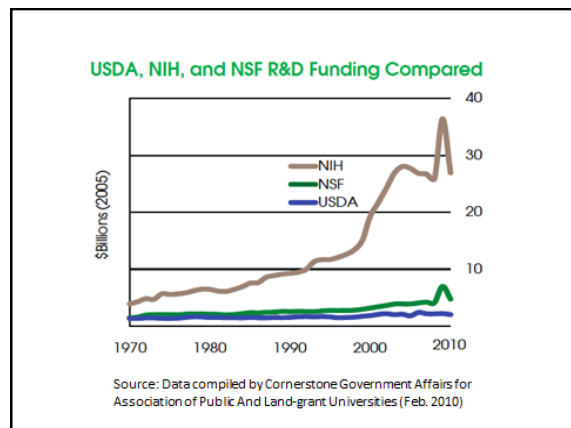
Instruction costs have risen more at private research universities
But other types of spending have grown even faster. Spending on research, academic support and student services have all grown over 25 percent per student since 2000.

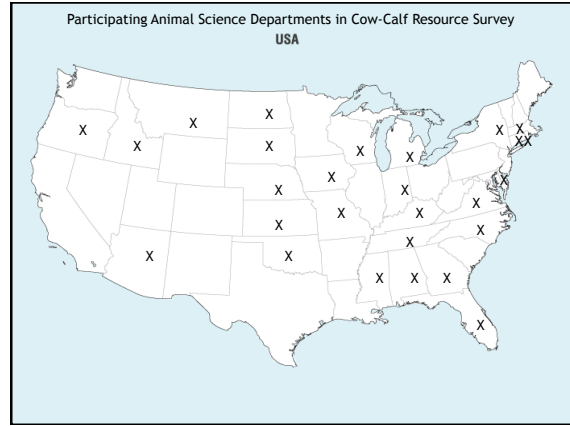
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- ### Funding Trends in Land-Grant Universities
- State funding flat or down
 - Tuition up
 - Extramural research funding up
 - Private fund raising up

We are privatizing our public institutions!!





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Cow-Calf Survey Results

- Number of states participating-27
- Number of cow-calf units-82
- Total number of beef cows-16,007

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Priority Uses

- Research-53 units with 12,057 cows
- Teaching-15 units with 1,235 Cows
- Extension-8 units with 1,955 cows

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Control of Unit?

- Animal Science Department-31 units
- Ag Experiment Station-49 units
- University-2 units

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What has been the trend in your beef cow inventory/facilities over the last 20 years?

#	Answer	Bar	Response
1	Substantial decrease	10.3%	3
2	Slight decrease	20.7%	6
3	Remained relatively constant	41.4%	12
4	Slight increase	20.7%	6
5	Substantial increase	6.9%	2
	Total		29

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What are the largest threats to your cow-calf research/teaching/extension animals and facilities?

Answer	Largest Threat/Challenge	Second Largest Threat/Challenge	Third Largest Threat/Challenge
Budget/Unit Profitability	18	5	1
Lack of use by faculty	4	8	8
Land use restriction due to urbanization	2	2	6
Inadequate/aged facilities	7	9	5
Labor/staffing issues	5	8	5
Animal care and use restrictions	1	1	7
Environmental/waste management issues	1	3	6

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Please identify primary, secondary and tertiary research areas for / Farm/ Ranch/Unit

Discipline	Primary	Secondary	Tertiary
Cow-Calf Mgt.	20	16	15
Nutrition	16	14	11
Reproduction	15	12	16
Range Mgt.	10	3	11
Animal Breeding/Genetics	8	5	3
Meat Science	0	7	5

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What do you anticipate the trend in your beef cow inventory/facilities to be over the coming 10 years?

Answer	Bar	Response
Substantial decrease	0.0%	0
Slight decrease	17.2%	5
Remained relatively constant	62.1%	18
Slight increase	17.2%	5
Substantial increase	3.5%	1
Total		29

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Summary

- Trend in units and numbers seems stable
- Less state funding, more dependent on self-generated funds and grants
- Units remain critical to answering important questions

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