

From Data to Action: 2025 CCA Data Days

July 28-29 Denver, CO

Agenda & Resources:
CompleteCollege.org/DataDays2025

Lead sponsor:



Additional support by:



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Beyond the Numbers: Turning Analytics into Actionable Educational Outcomes

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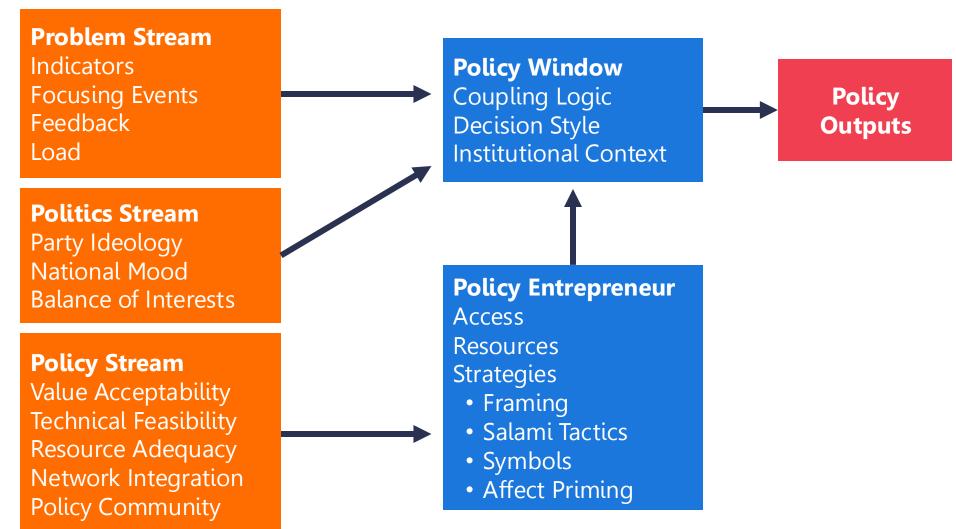


ANALYSIS -> ACTION

What conditions must be present for this to happen?



A Multiple Streams Meta-Review





Problems

Solutions

Participants

Choice opportunities

Decision





Data informs every stream, every step.



A Multiple Streams Meta-Review

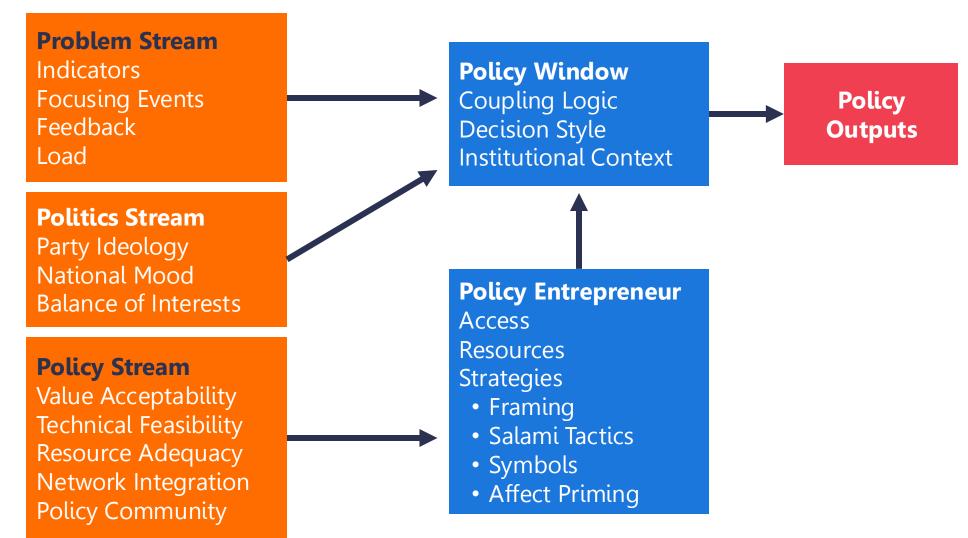




Figure 1. Diagram of the Multiple Streams Approach

Is the problem a problem?





Is the problem a problem?

Every high school graduate

Goes to college

Graduates from college

Stays in Tennessee

Works in Tennessee

STILL not enough to meet workforce demand



Ok, so, now what?

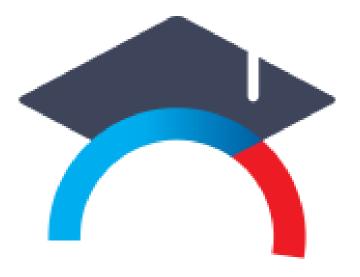




Are the proposed solutions feasible?

- Are funds available?
- What will take up look like?
- What is the best way to design the intervention?
 - Limit to Some College, No Degree?
 - Part time? Three-quarters time?
- Who will champion the intervention?
 - And what information do they need to do so?





Reconnect

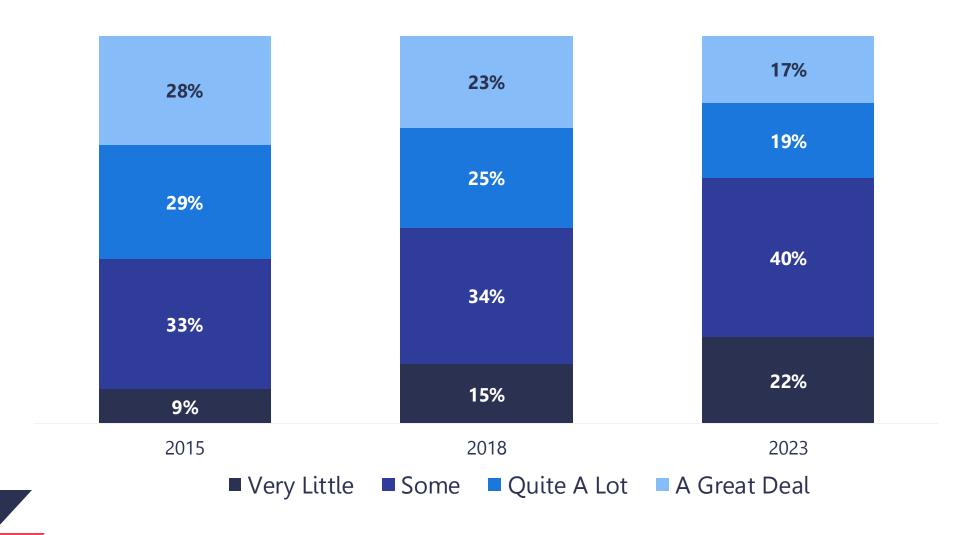




Timely higher ed issues: A data-driven Eras Tour

PERCEPTIONS OF HIGHER EDUCATION

Public confidence in higher education is decreasing.

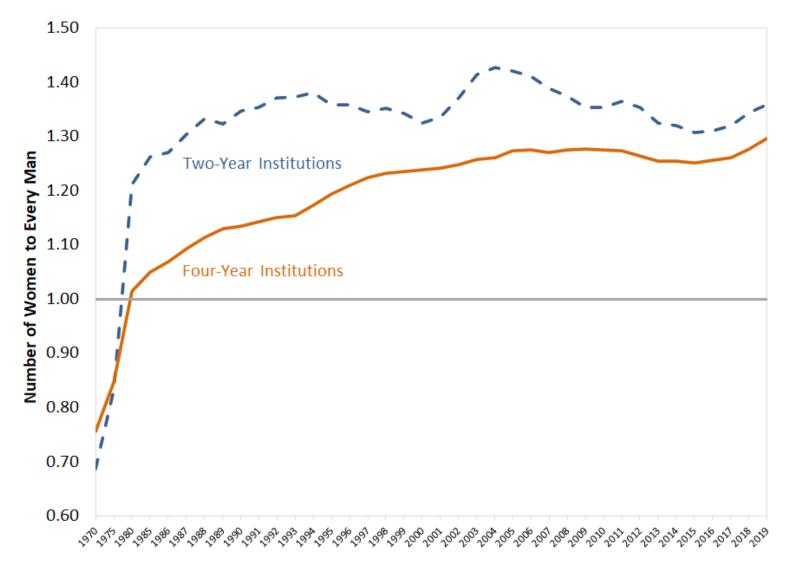




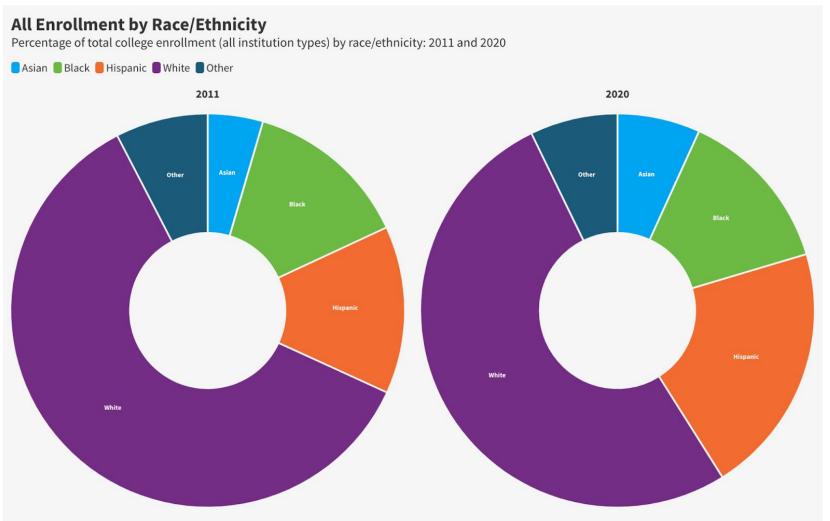
"End" of the attainment era

%											ME 55.1%
										VT 59.2%	NH 57.9%
	WA 58.8%	ID 52.0%	MT 53.0%	ND 57.0%	MN 60.6%	IL 57.1%	WI 56.1%	MI 51.1%	NY 55.8%	RI 56.7%	MA 62.0%
	OR 52.4%	NV 42.7%	WY 54.0%	SD 55.3%	IA 55.3%	IN 53.3%	OH 52.3%	PA 53.6%	NJ 58.9%	CT 58.7%	
	CA 55.4%	UT 61.5%	CO 62.9%	NE 55.6%	MO 50.5%	KY 50.0%	WV 45.4%	VA 59.0%	MD 58.4%	DE 50.5%	
		AZ 55.0%	NM 51.0%	KS 56.4%	AR 46.2%	TN 47.9%	NC 54.4%	SC 50.1%	DC 75.4%		
				OK 50.3%	LA 48.3%	MS 47.6%	AL 46.9%	GA 52.8%			
%				TX 50.5%					FL 54.5%		PR 55.9%

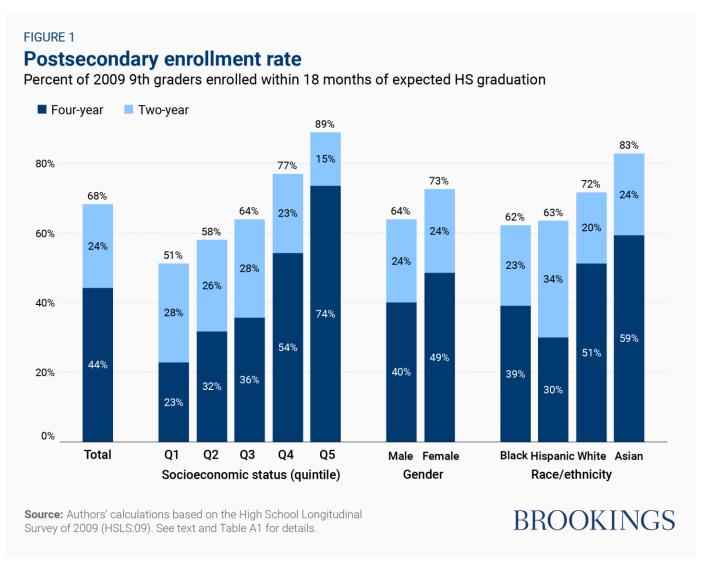






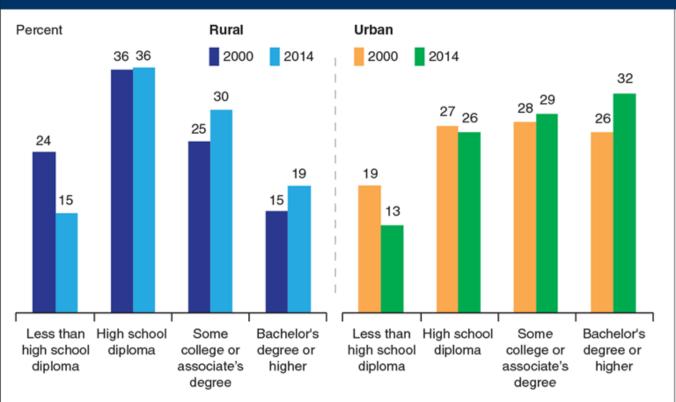


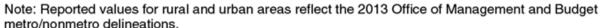






Educational attainment for adults 25 and older in rural and urban areas, 2000 and 2014





Source: USDA, Economic Research Service using data from U.S. Census Bureau 2000 Census and 2014 American Community Survey.

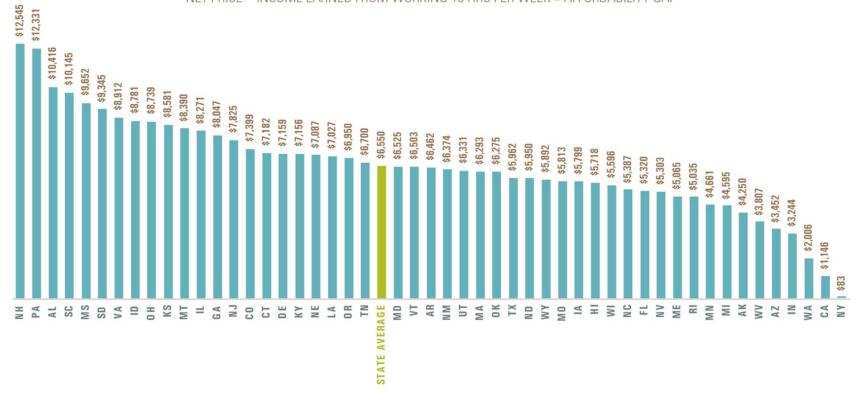


Source: USDA Economic Research Service

FIGURE 1:

AFFORDABILITY GAP FOR LOW-INCOME STUDENTS AT PUBLIC FOUR-YEAR INSTITUTIONS (BY STATE)

NET PRICE - INCOME EARNED FROM WORKING 10 HRS PER WEEK = AFFORDABILITY GAP



Source: Ed Trust analysis of the Integrated Postsecondary Education Data System (IPEDS), Student Financial Aid Component; National Conference of State Legislatures.

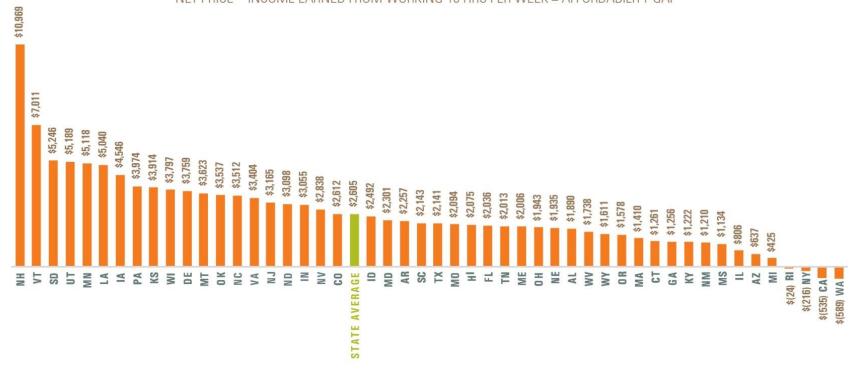
State average is the unweighted average of all 50 states.



FIGURE 3:

AFFORDABILITY GAP FOR LOW-INCOME STUDENTS AT PUBLIC COMMUNITY AND TECHNICAL COLLEGES (BY STATE)

NET PRICE – INCOME EARNED FROM WORKING 10 HRS PER WEEK = AFFORDABILITY GAP

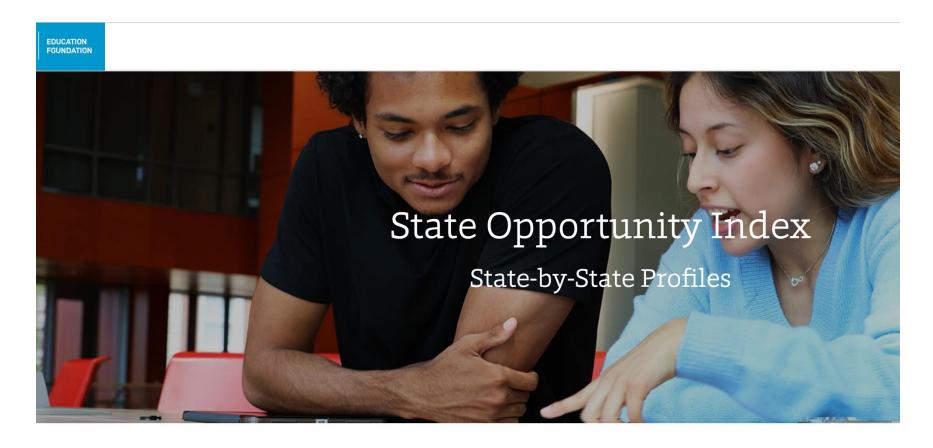


Source: Ed Trust analysis of the Integrated Postsecondary Education Data System (IPEDS), Student Financial Aid Component; National Conference of State Legislatures.

State average is an unweighted average of state data.



(Financial) Value and Return on Investment



Profiles for each of the 50 states plus Washington, D.C., provide a breakdown of state progress for return on investment and the five priority areas.



Tennessee

State Opportunity Index



The State Opportunity Index measures state progress in five priority areas: Clear Outcomes, Quality Coaching, Affordability, Work-Based Learning, and Employer Alignment. While all states have room for improvement, those designated as Leading are at the forefront and have made the most progress toward creating equitable pathways to opportunity. Advanced states also have made substantial progress, while Developing states are earlier in their improvement efforts. Foundational states are at the beginning of their journey.

The five priority areas below all represent ways for states to strengthen the link between education and opportunity. One measure of the current strength of that link is how consistently college graduates achieve a positive return on investment (ROI), i.e., the percentage of graduates better off financially because they went to college. The positive ROI value for each state represents the estimated percentage of college graduates whose earnings premium over high school graduates is enough to repay their total cost of a degree within 10 years. Positive ROI data are available for 50 states and Washington, D.C.

Positive ROI

68%

5**9**% в

BACHELOR'S

62%

ASSOCIATE



Colorado Value Threshold Model

Colorado Minimum Value Threshold

=

Incremental Earnings

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Costs specific to attending higher education



Colorado Value Threshold Model

Colorado Minimum Value Threshold

=

[(Median earnings by institution and field) –

(Median earnings of high school graduate)

[Tuition & fees – Financial aid) +

(Median earnings of high school graduate)]



Fundamentals

- No one will take your PhD away if you speak about data accessibly; meet your audience where they are.
- Use data to tailor your message. This is strategic, not sketchy.
- Decisionmakers are not useless, they're busy.
- Work with your Comms teams!
 - Present data clearly! Make deliverables visually appealing!

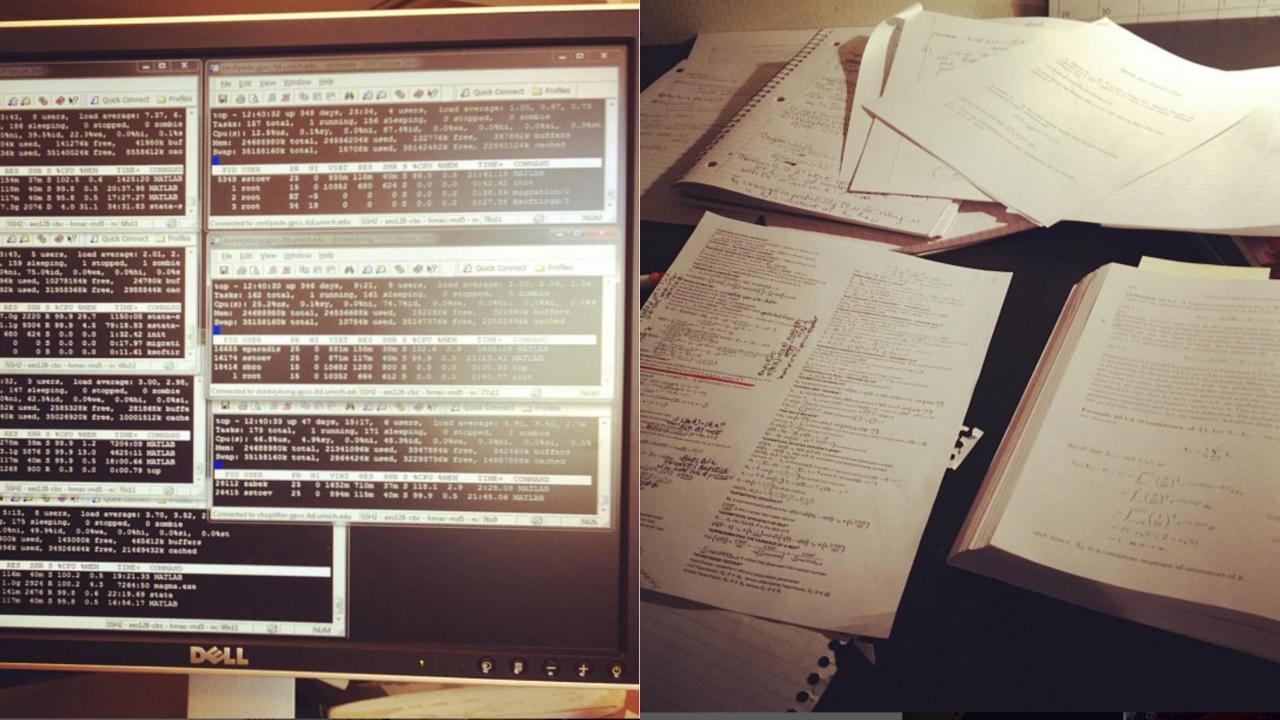


Pick your battles

- Don't freak out about causal language, BUT
- Do speak up when something is wrong or overly politicized.







No such thing as "I'm just the data person."



