

Putting Private Sector Financing to Work for Social Benefit

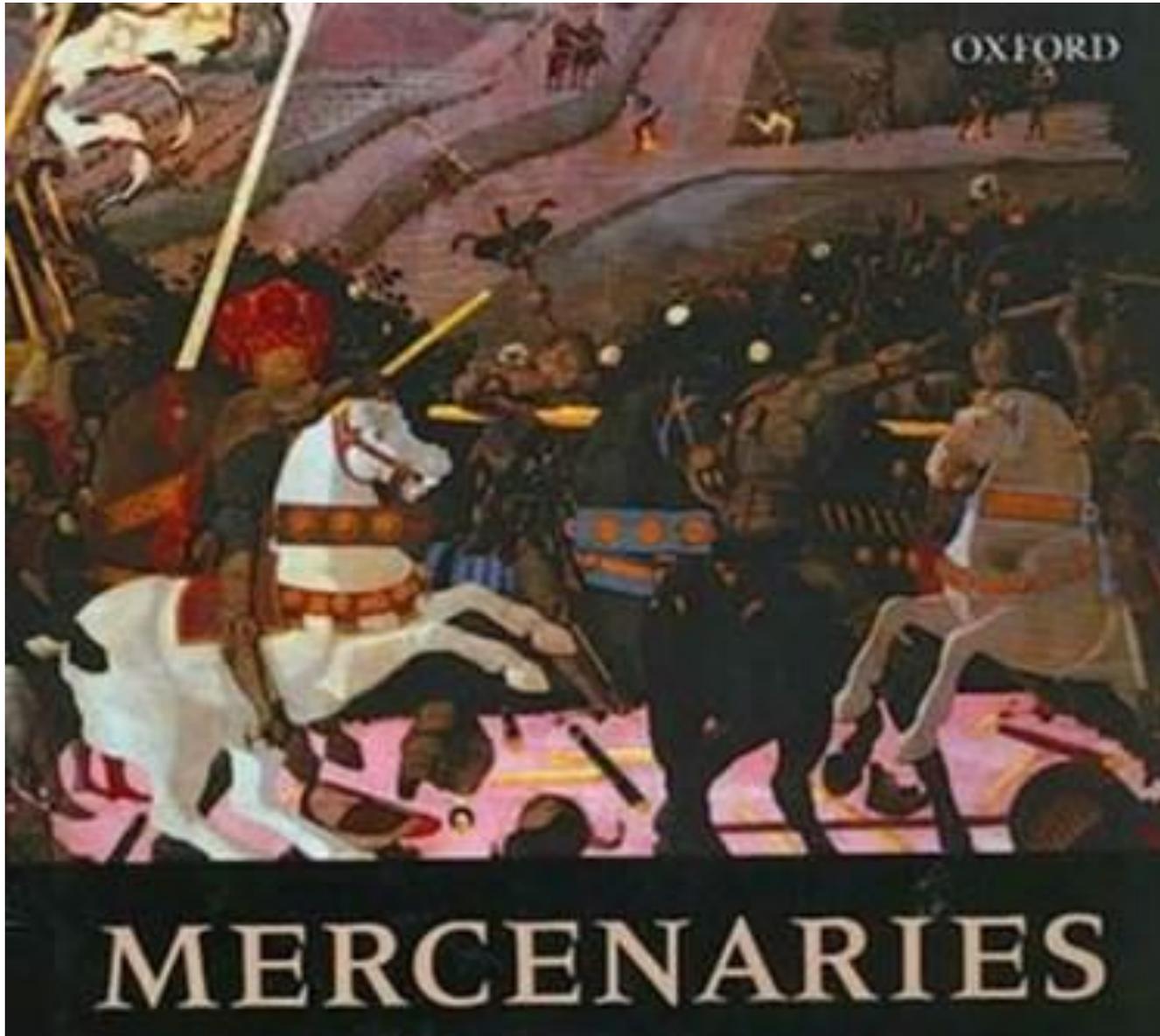
Public Private Partnerships, Joint Ventures, Pay-for-Success Contracts, and Social Impact Bonds

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November 7, 2014

Early public/private cooperation



Modern public/private cooperation



“CONTRACTORS”

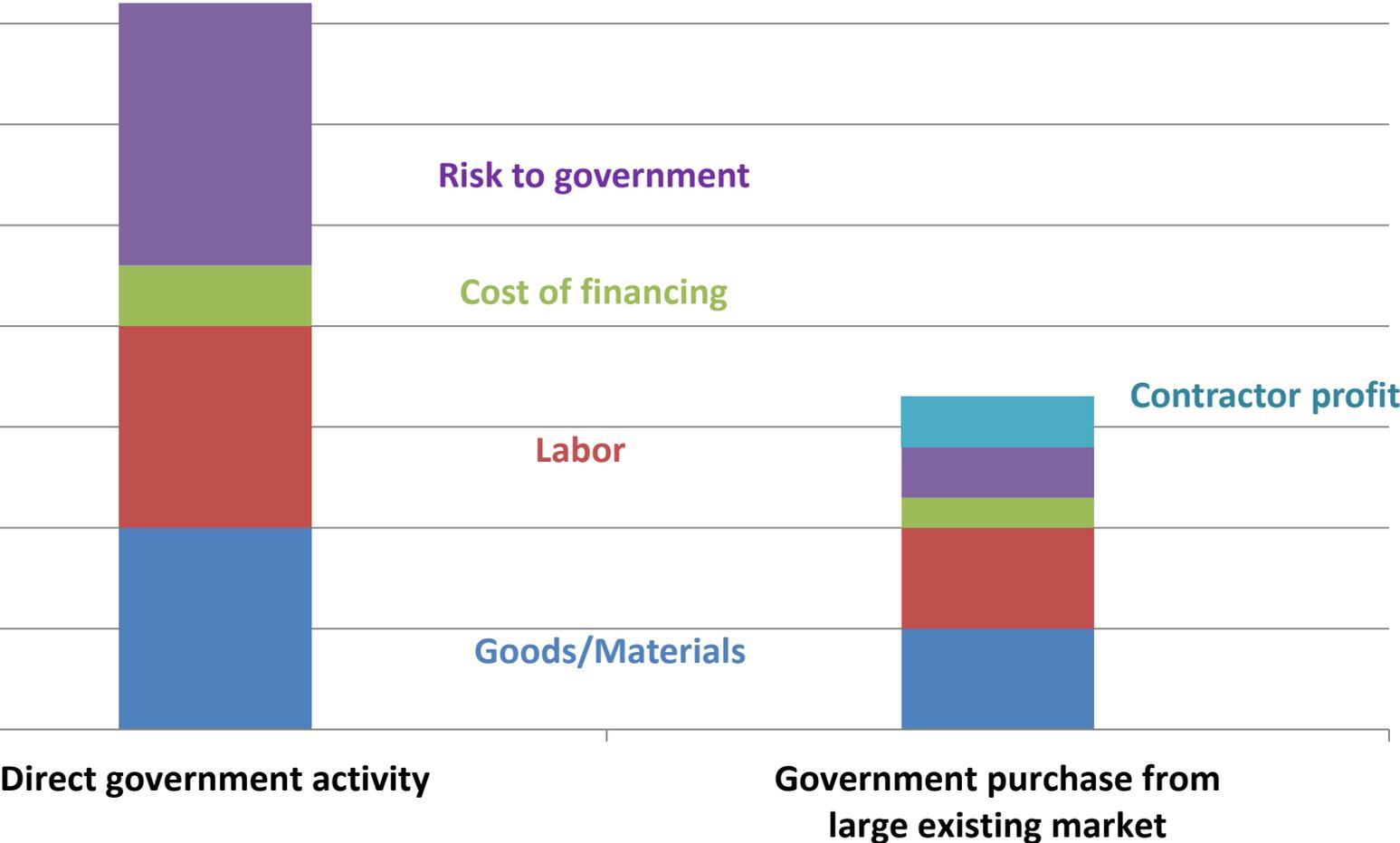
Purchase from a large existing market



Food vouchers



Government purchase from large existing market (cost to government)



Fixed-price contracts



Cost-plus-fixed fee contracts



JSF FAMILY OF AIRCRAFT

Carrier Variant
(CV) F-35C



Conventional Take-Off
and Landing
(CTOL) F-35A

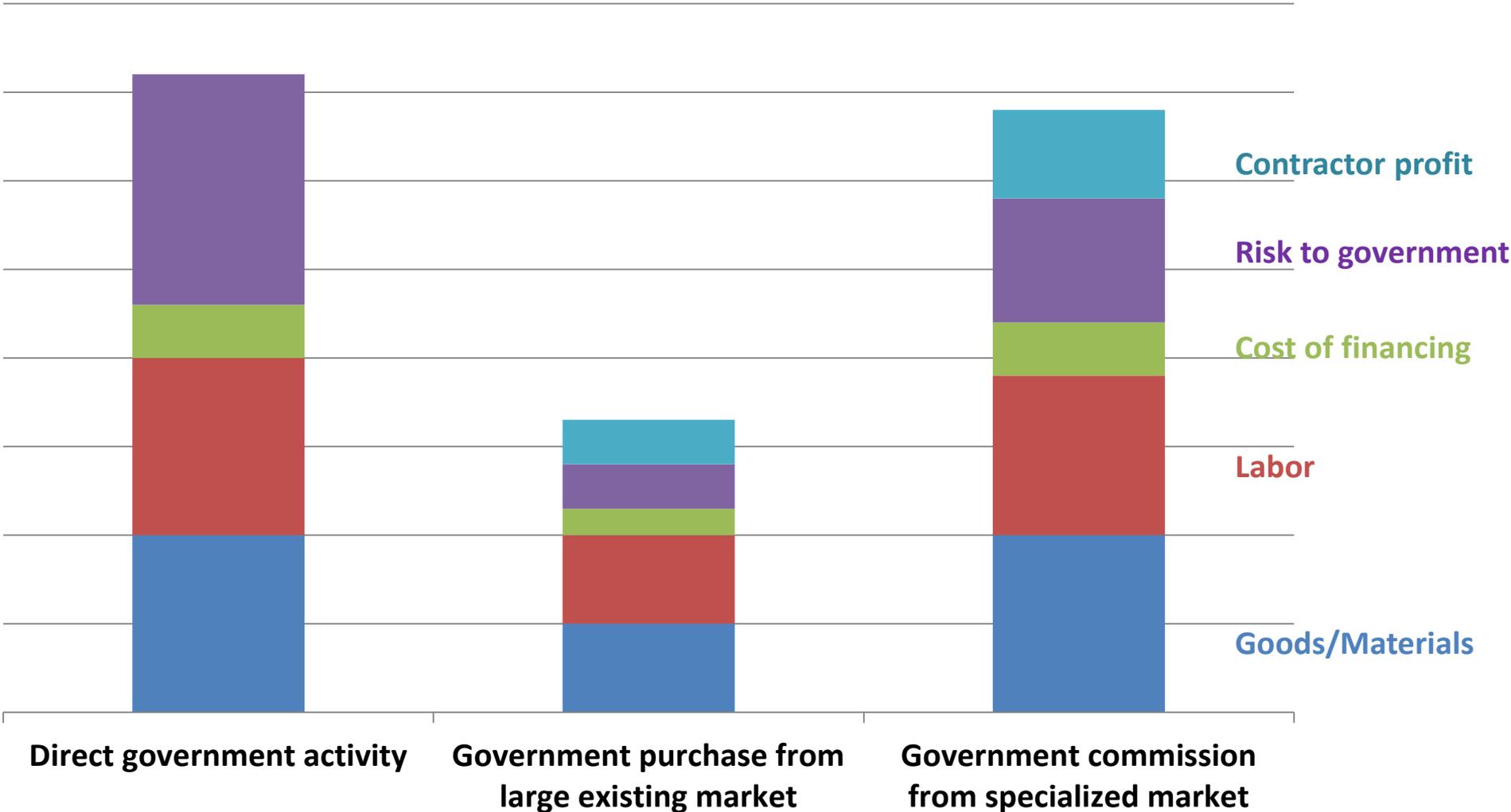


Short Take-Off
Vertical Landing
(STOVL) F-35B

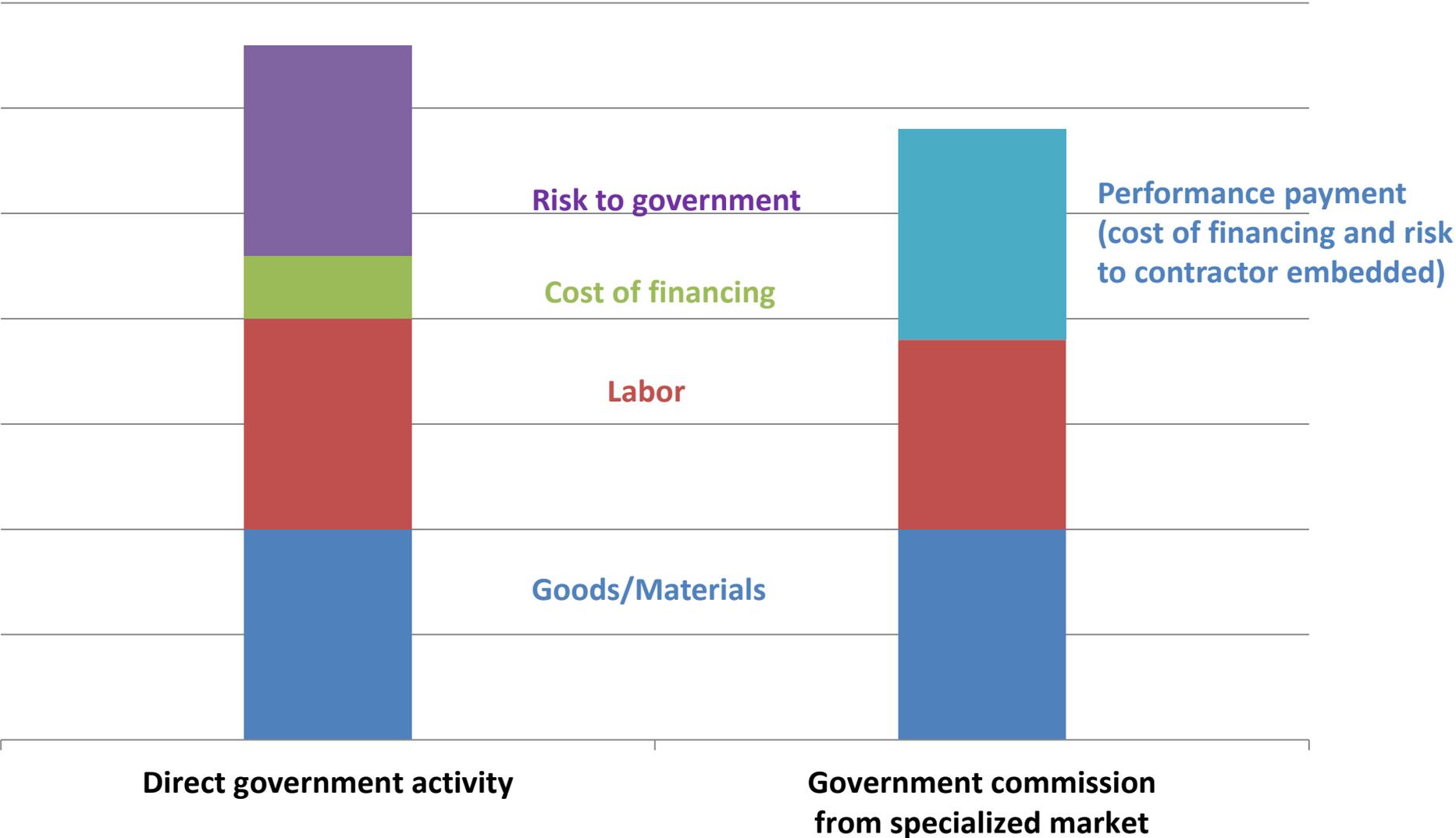


Government commission from specialized market

(cost to government)



Performance contracting (cost to government)



Traditional public/private cooperation

Public financial resources + Public expertise (?)

+

Private expertise

Modern public/private cooperation

Public financial resources + Public expertise (?)

+

Private expertise

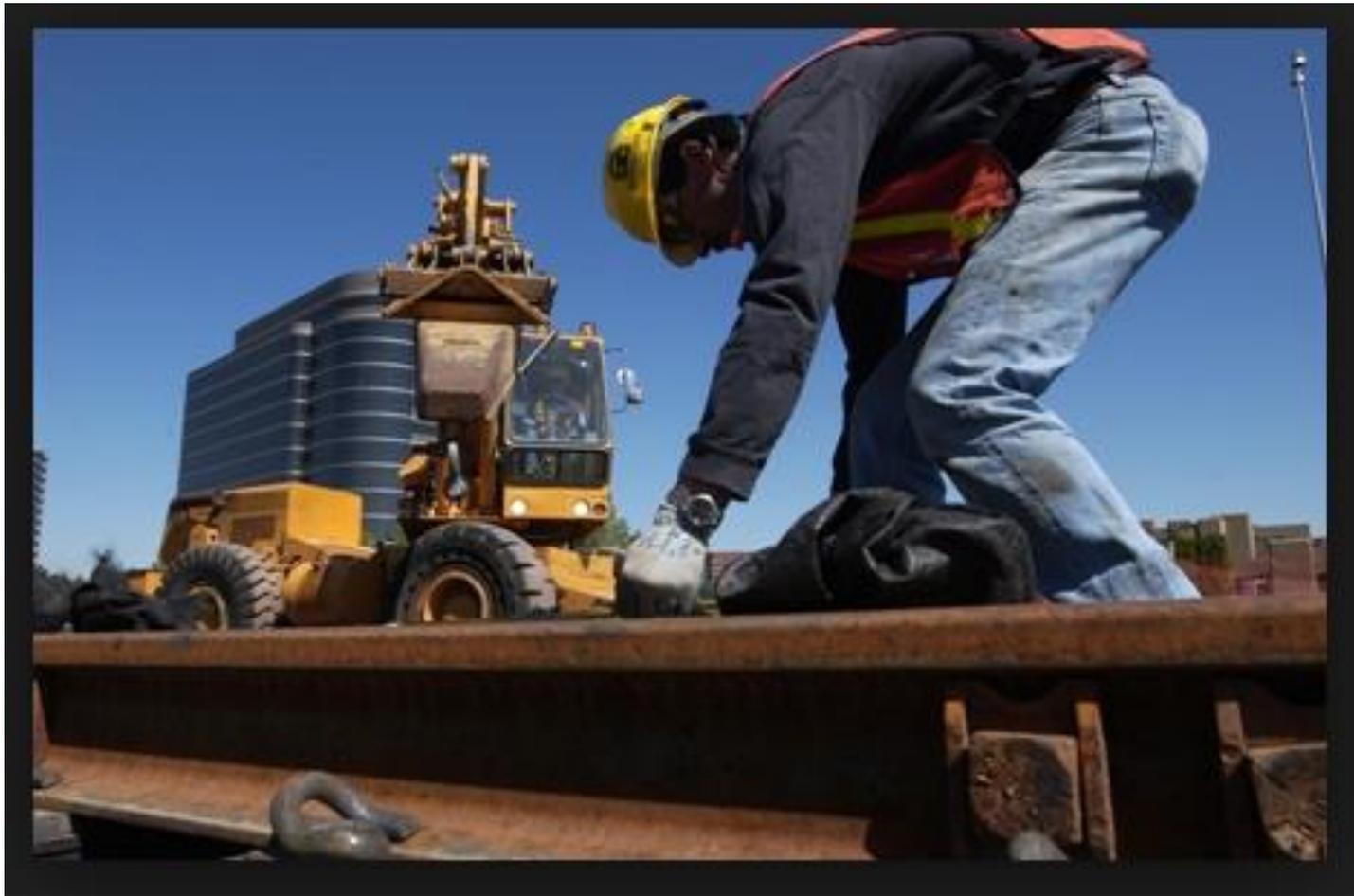
+

Private financial resources

Joint ventures (Port Nikau, N. Zealand)



Public/private partnerships

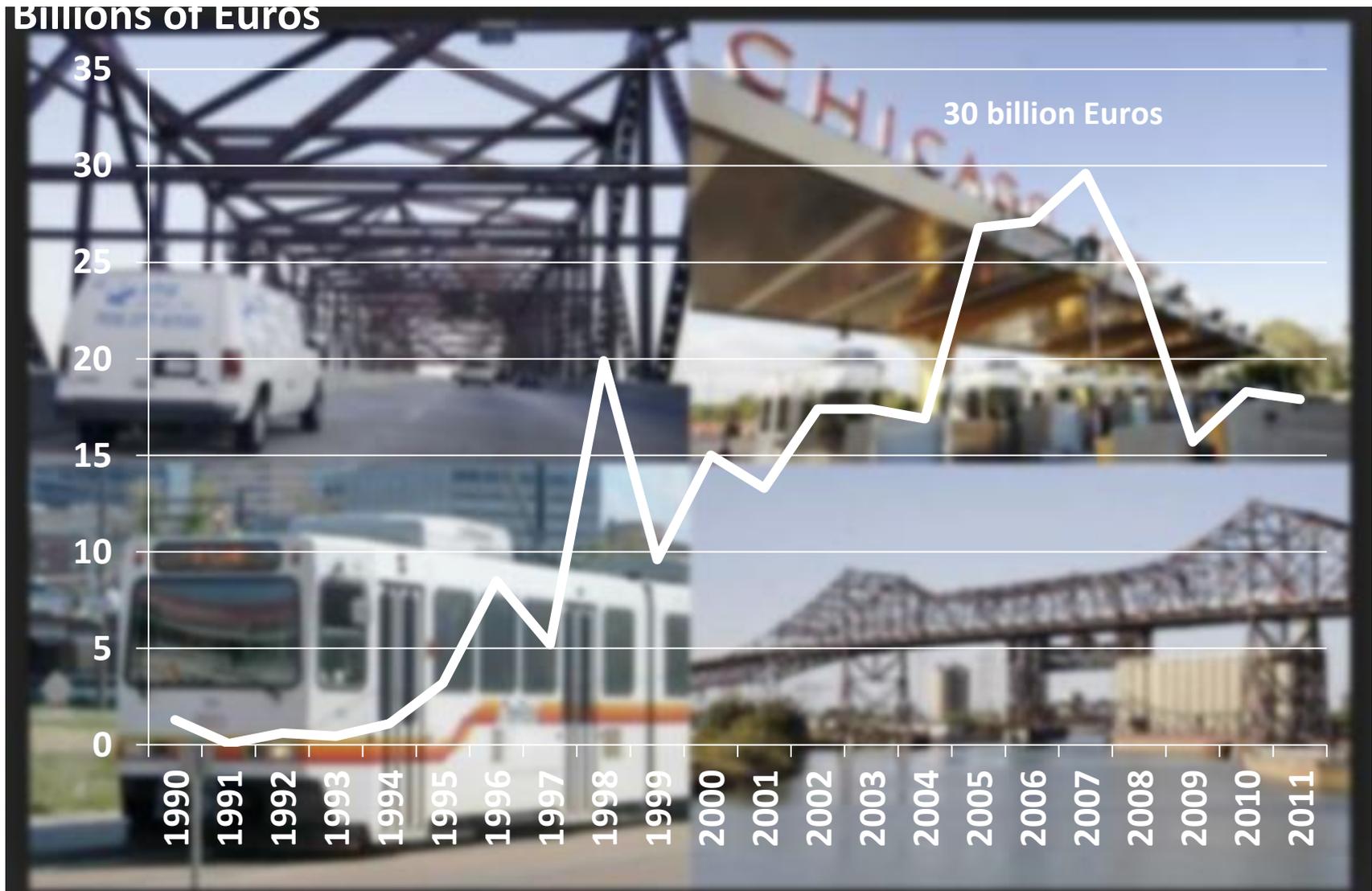


Users fees to pay the contractor

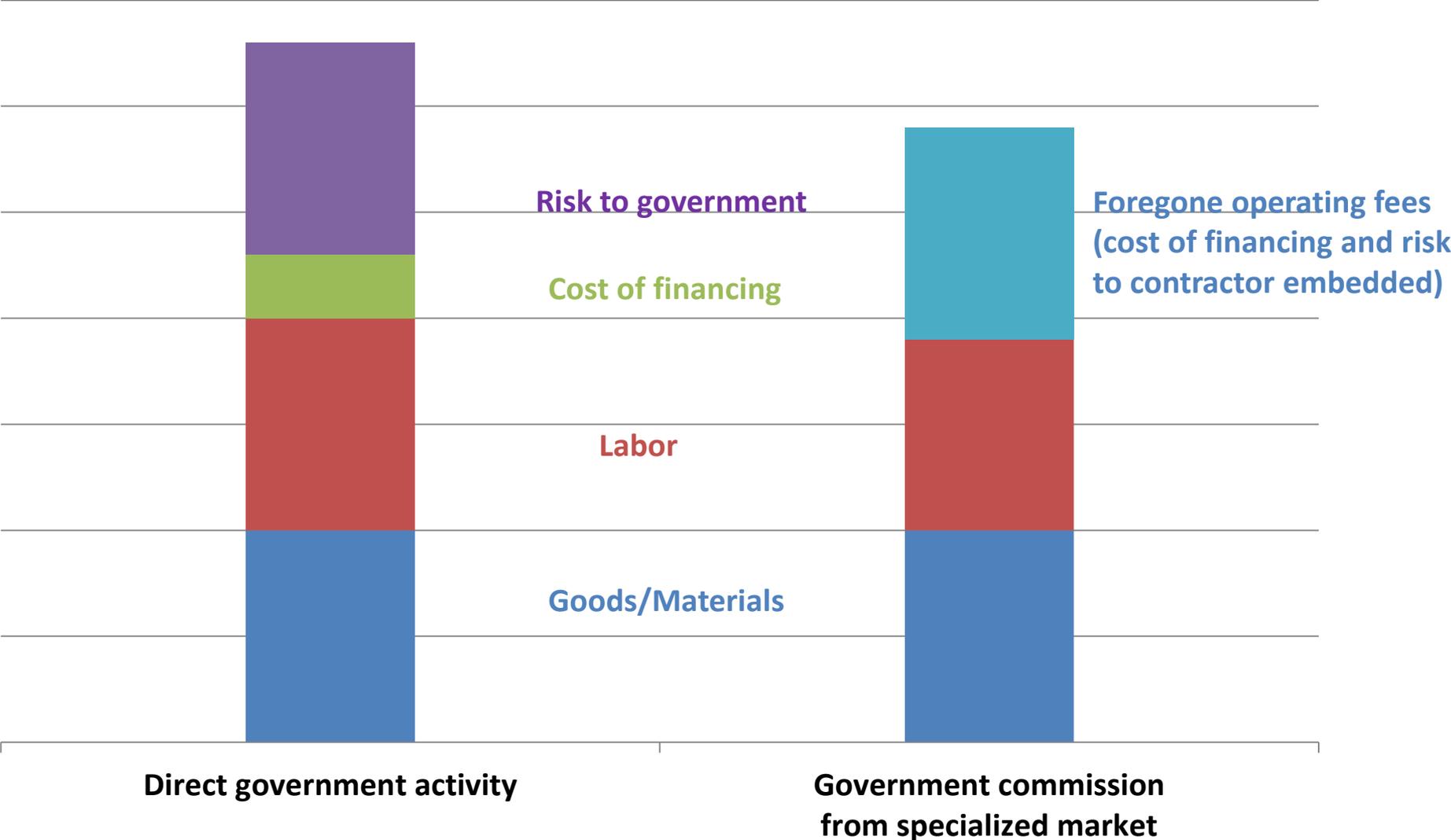


Public/private partnership spending

European Union, 1990-2011



Infrastructure public/private partnerships (cost to government)



Franchises



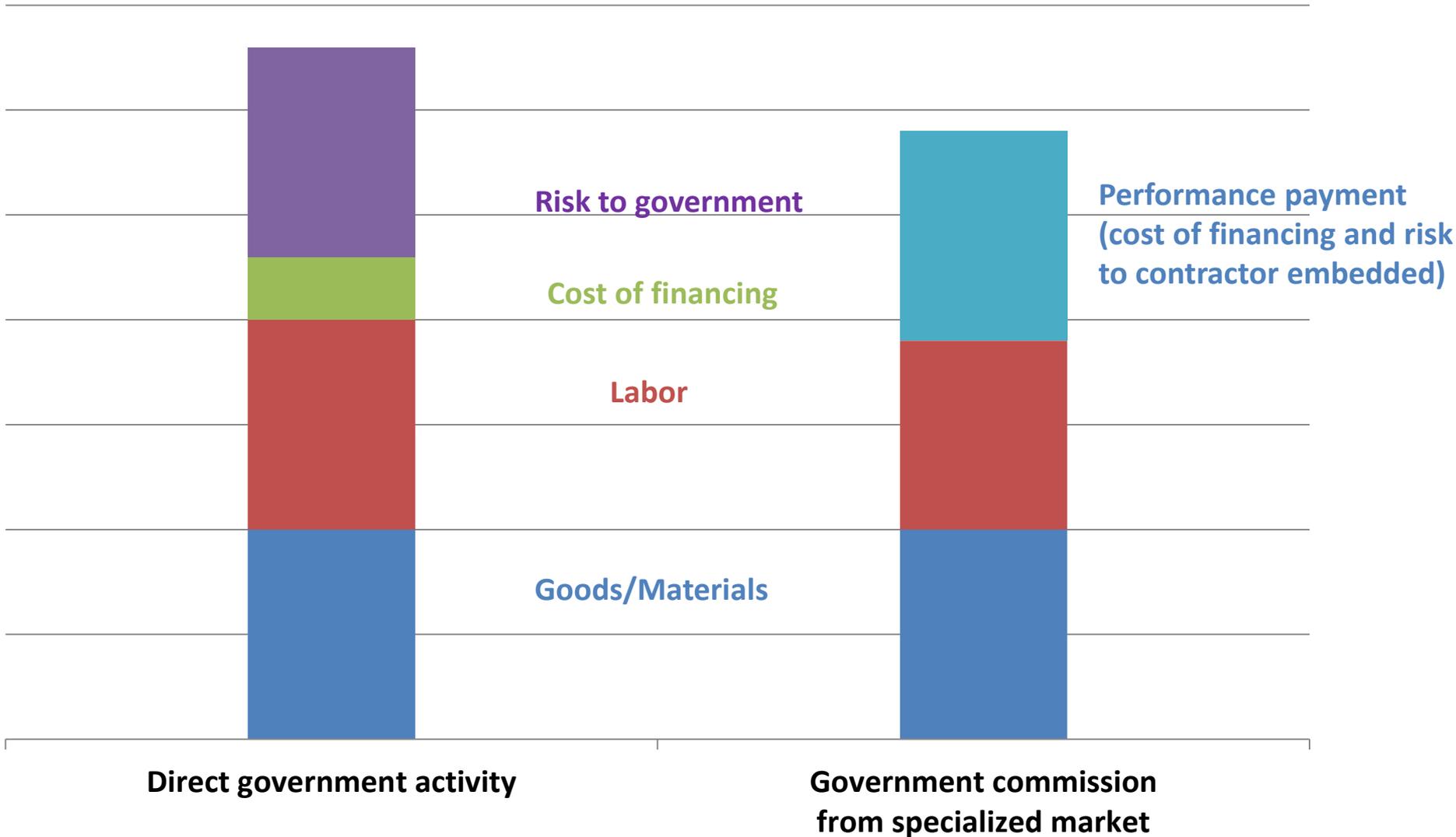
If harbors, why not social programs?



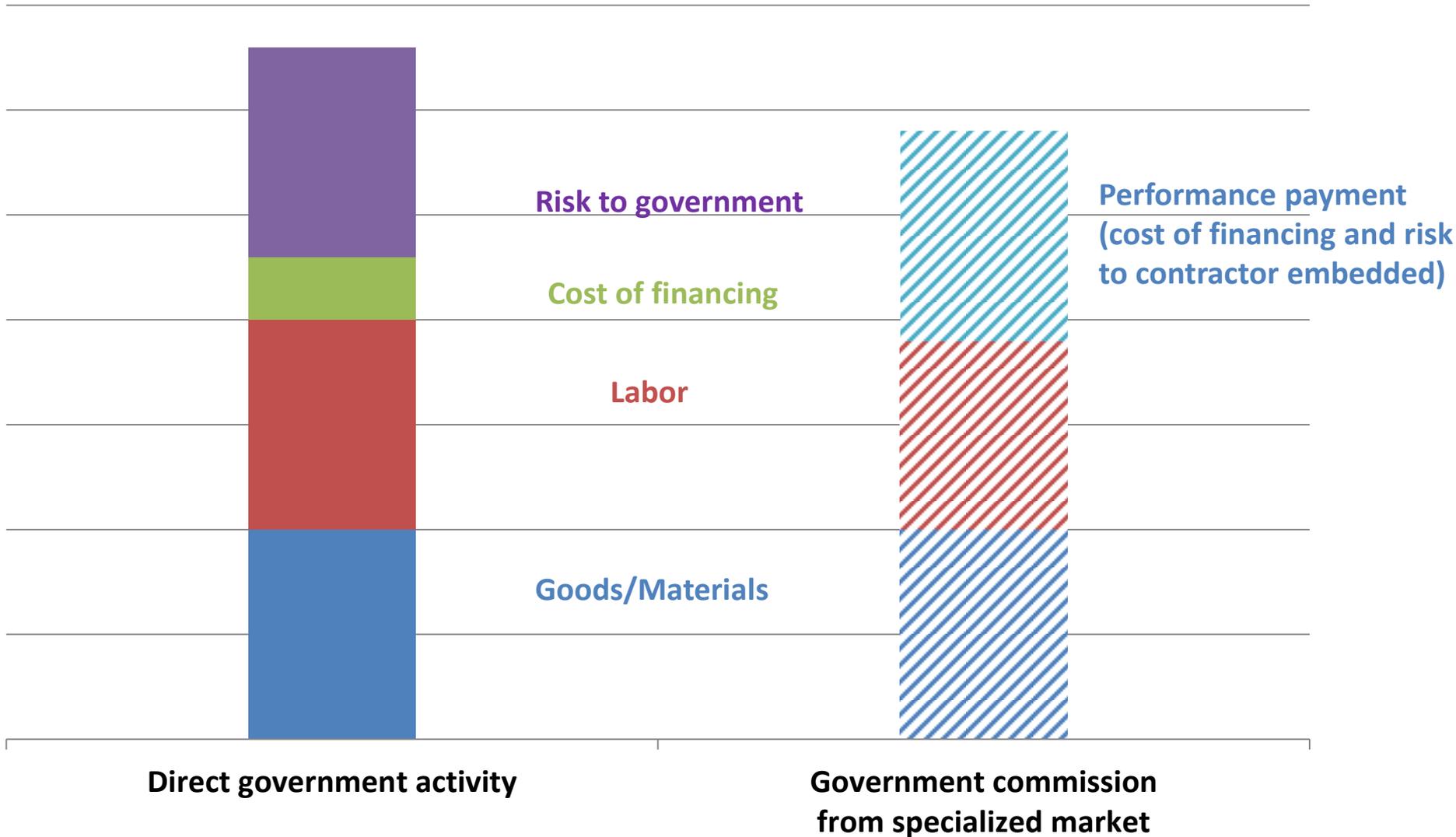
Performance-based job placement services (Michigan)



Human capital performance contracting (cost to government)



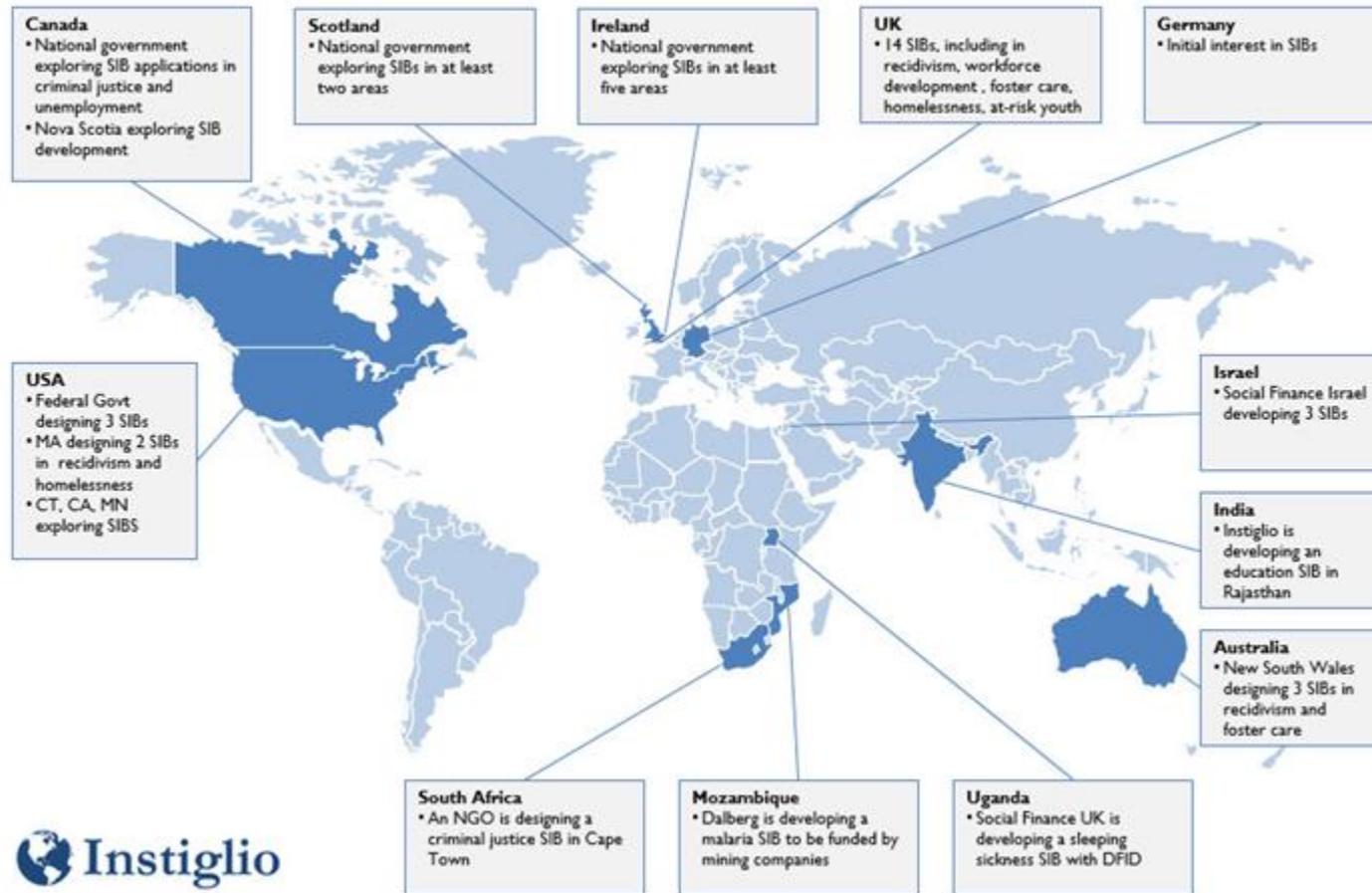
Human capital “pay for success” (cost to government)



Social impact bonds (SIBs)



SIBS WORLDWIDE



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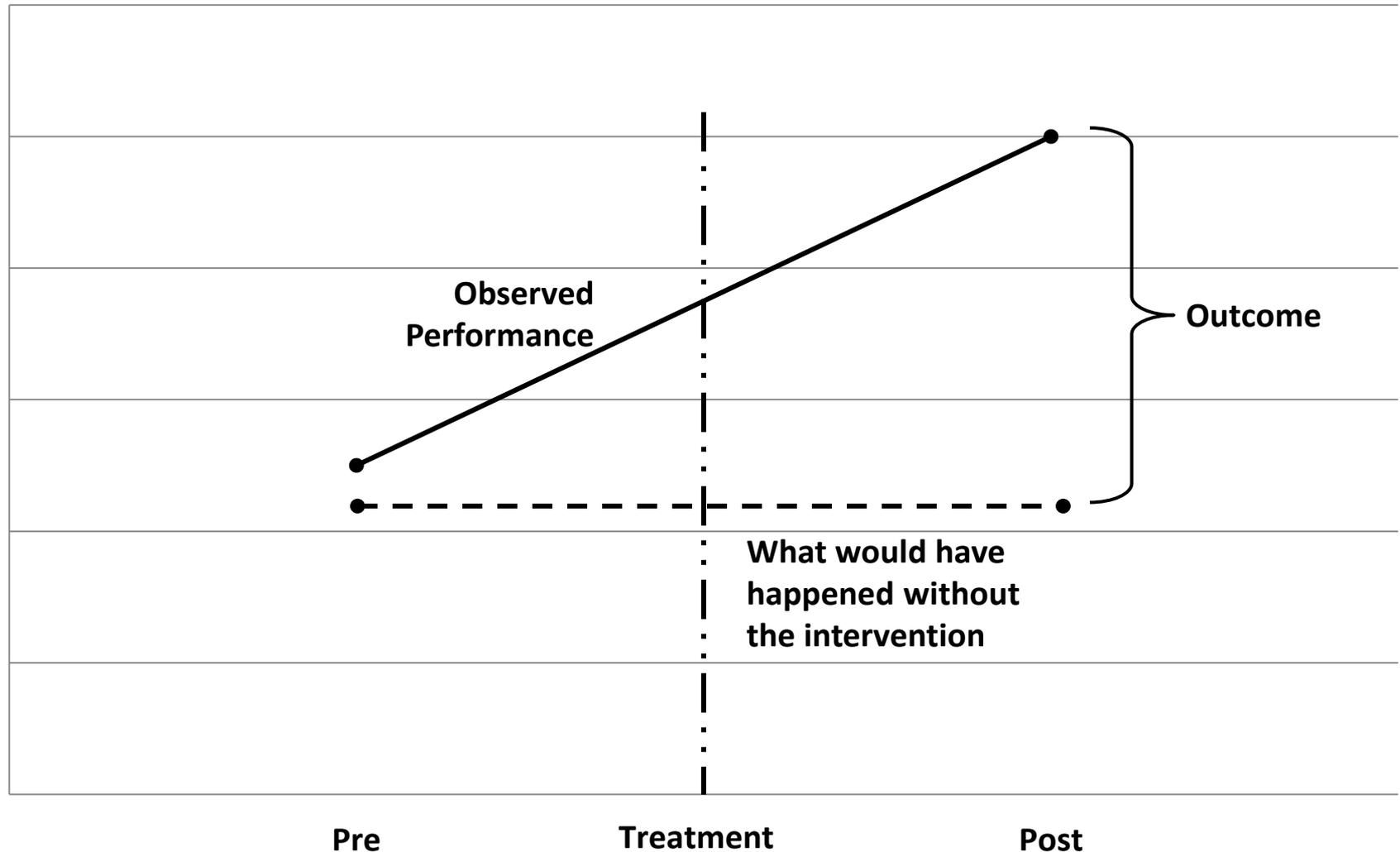
How to measure success

The need for a “counterfactual”

What would have happened in the absence of the program?

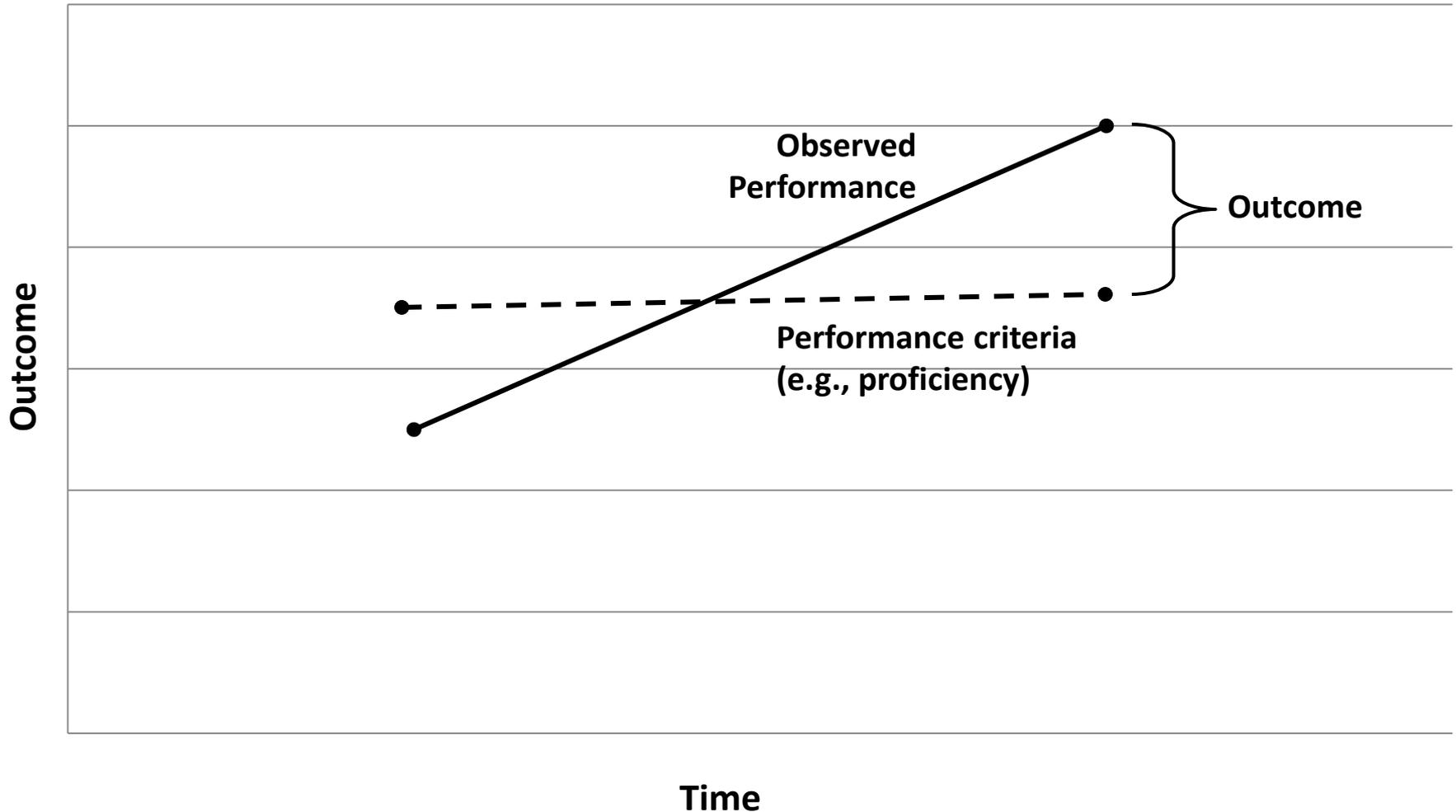
Benchmarking

Pre/post studies compare individuals or other units of analysis to themselves *once at some time before* and *once at some time after* the initiation of the intervention.



Performance Goals

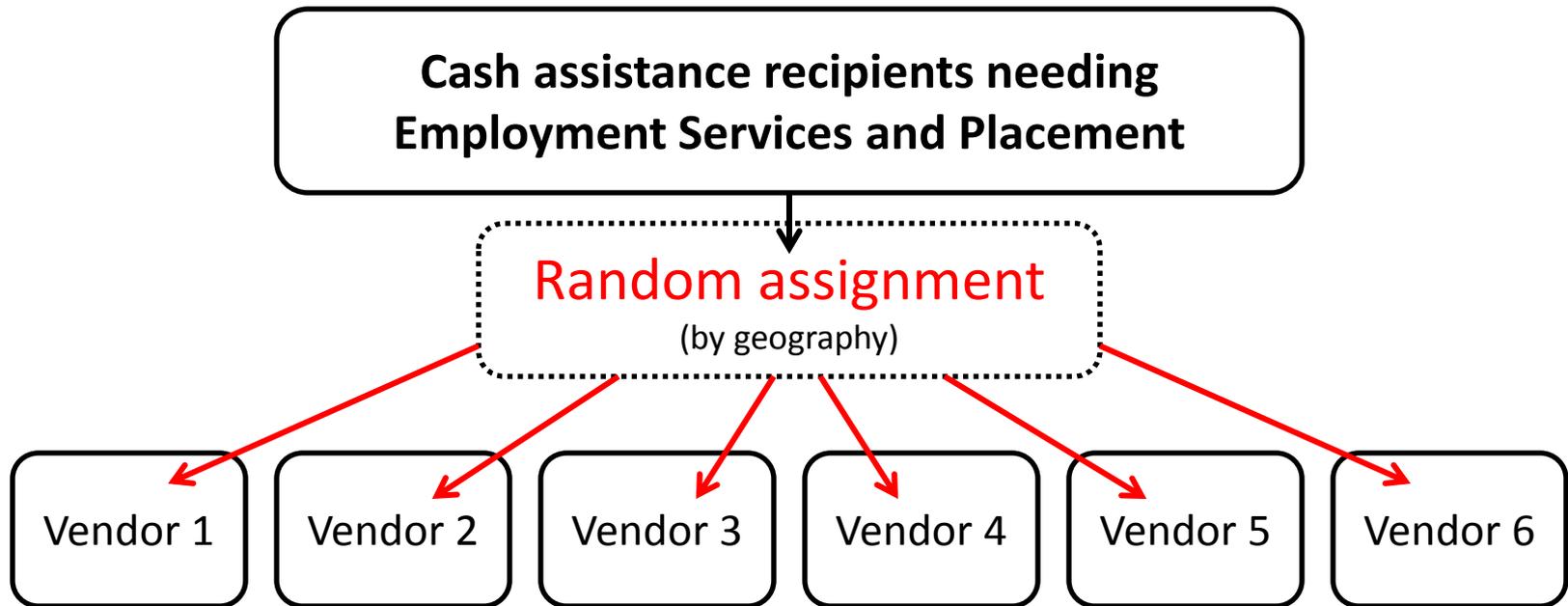
Criterion-referenced studies compare the program group to a desired expectation or goal that participants are desired to reach.



Criteria-referenced performance-measures



Random assignment to assess performance



- All vendors previously are approved.
- All contracts 100% performance-based (on employment outcomes).
- Each negotiated outcome reached generates a set payment.
- Vendors that perform comparatively better receive additional payments.

Was the price right?



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Modern Public/Private Cooperation: Putting Private Sector Financing to Work for Social Benefit

XX, China
May XX, 2013

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Cost-plus-fixed fee contracts

Aerojet Launch Vehicle



Mixed cost-plus contracts: Boeing Unattended Ground Sensors



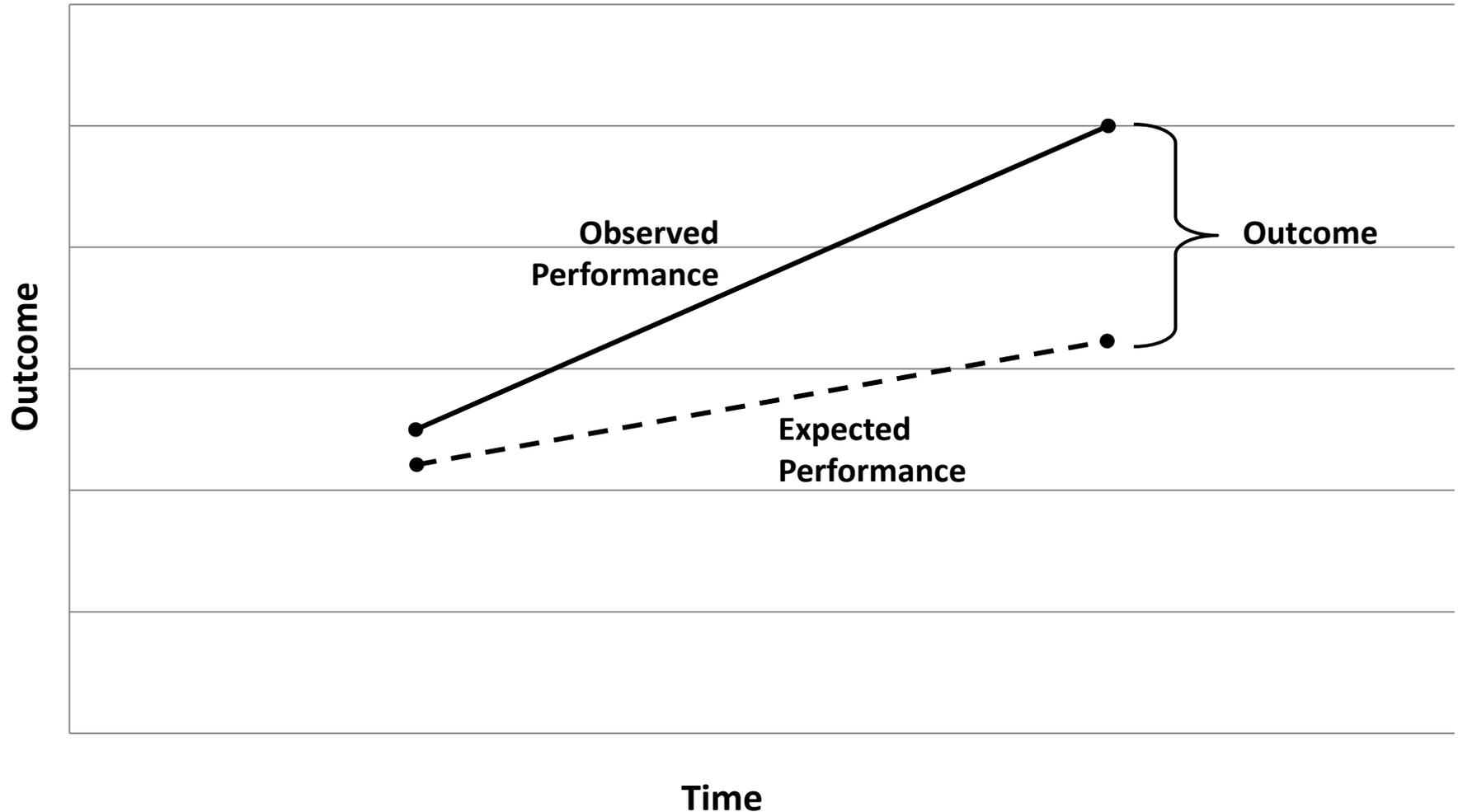
Pay for success



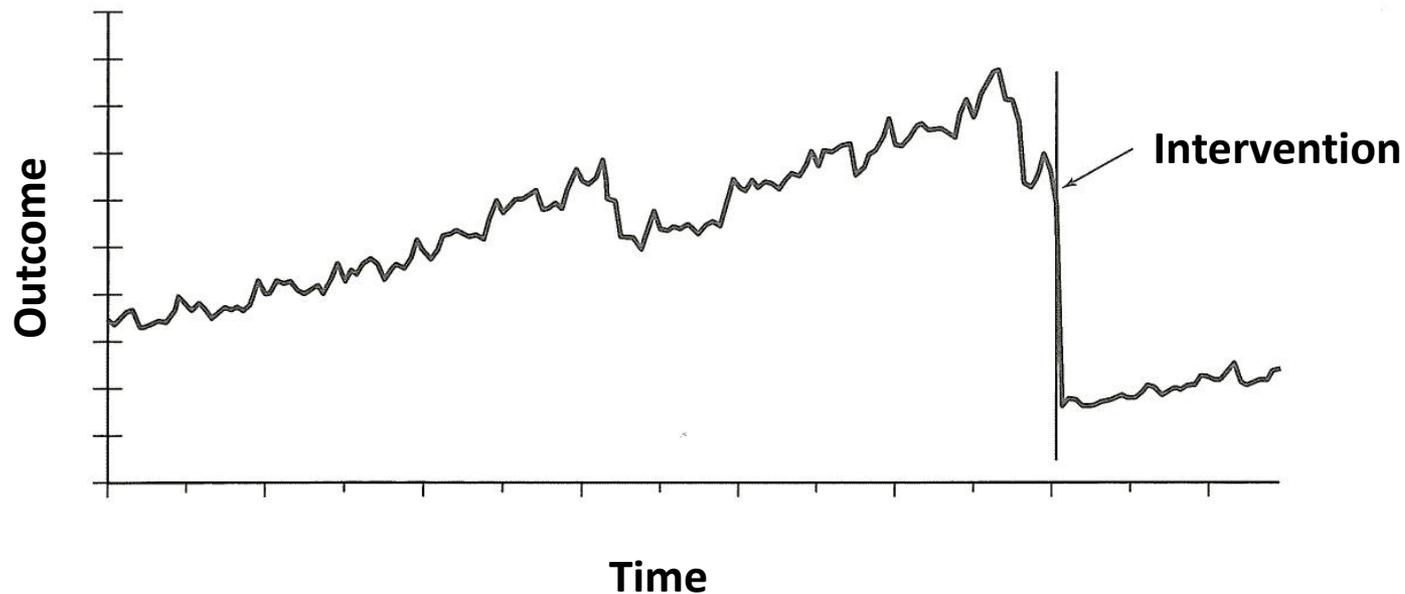
Pay for success



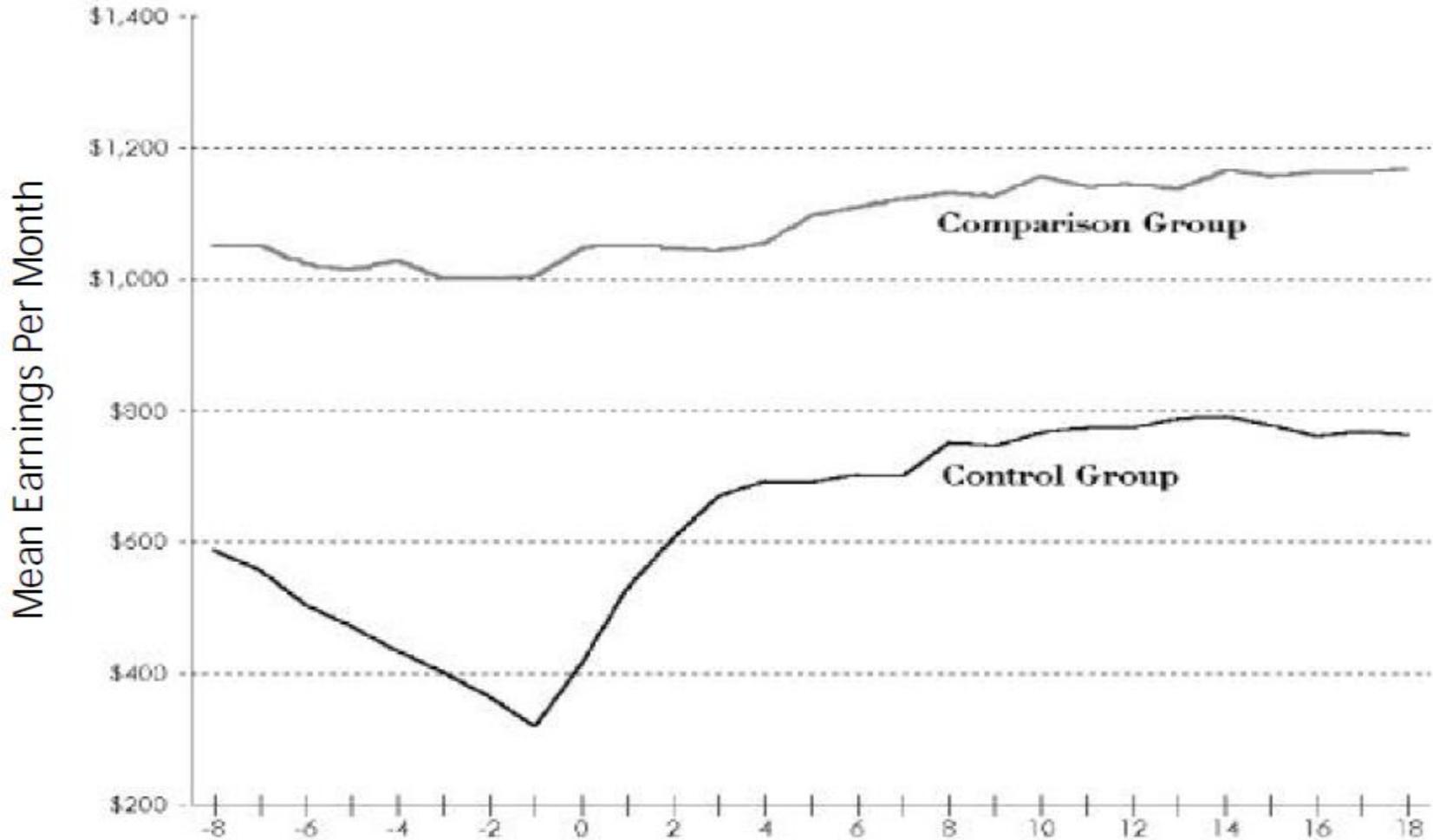
Norm-referenced studies compare the outcomes of individuals or other units of analysis with the typical or expected outcomes (or “norm-referenced controls” or “generic controls”) of a predefined and analogous population.



Interrupted time series studies compare individuals, a changing population of individuals in the same program, or other units of analysis to themselves *over an extended period of time* before and after the intervention (the “interruption”).

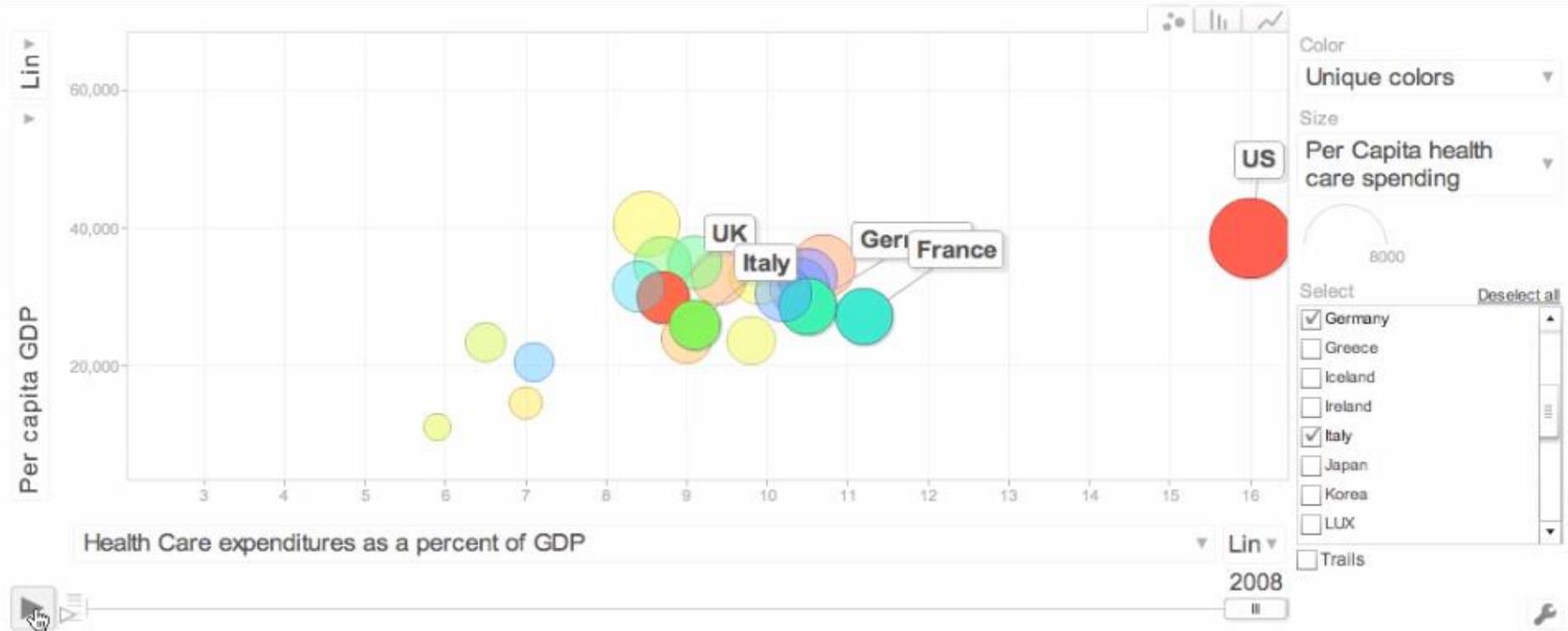


Ashenfelter Dip



Months Before/After Random Assignment (Controls)
or Eligibility Determination (Comparison Group)

U.S. leadership in health care spending



Government support of social programs

Grants, below-interest loans, tax-favored treatments, & other subsidies

Head Start



Government social programs often fail

K-12 education: 8 of the 9 large randomized evaluations of education strategies (2003-2009) found weak or no positive effects.

Whole federal programs: 9 of the 10 well-conducted RCTs (1995-2009) found weak or no positive effects.

“Most of what we’re funding now probably does not work (80%?)”

— Jon Baron, U.S. Coalition for Evidence-Based Policy

Pay for success ("Back to Work"; NYC)



Teen Pregnancy in Anson County, NC

2001-2009

Scale: 0-100

Rate per 1,000

100

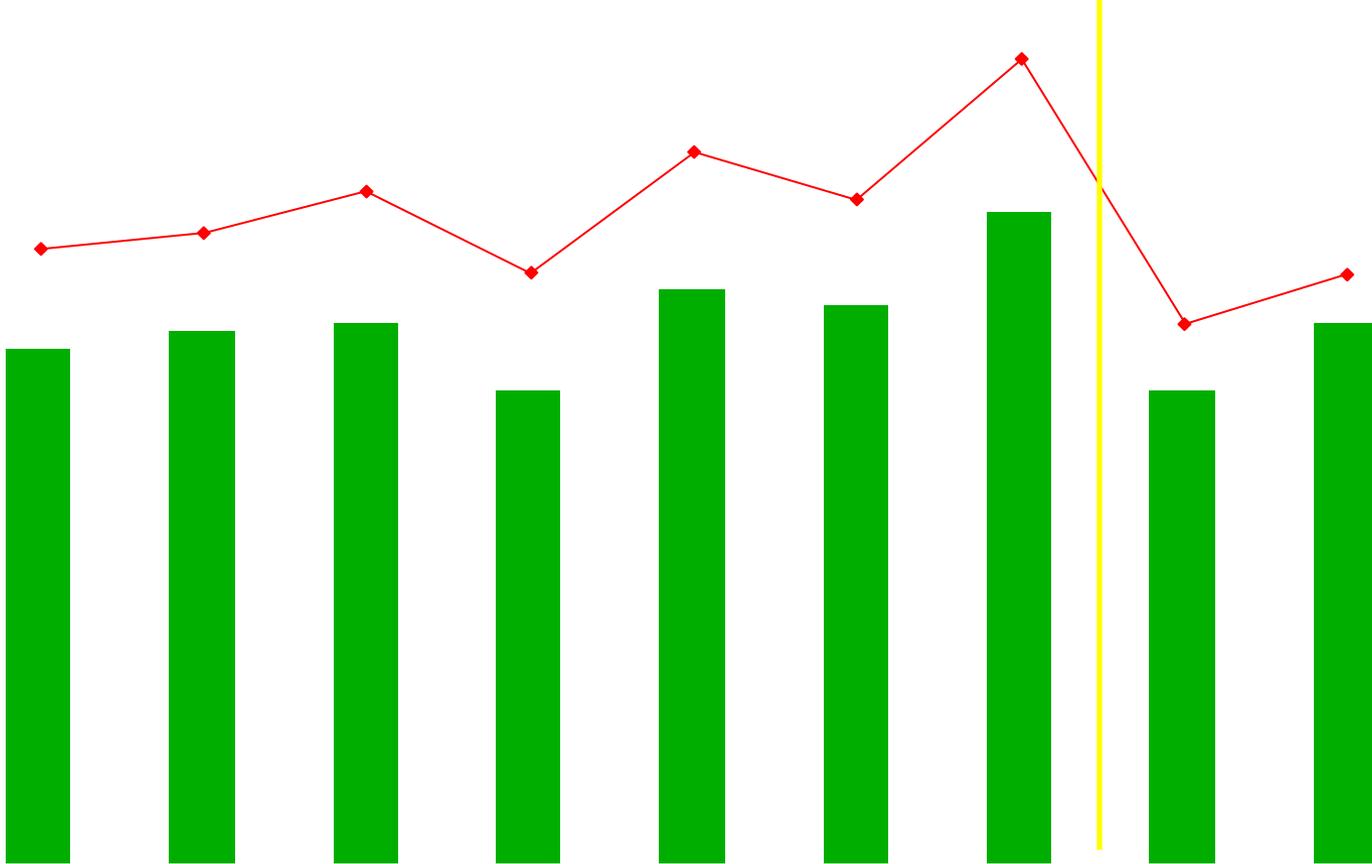
80

60

40

20

0



Number of pregnancies

100

80

60

40

20

0

Adolescent Parenting Program