

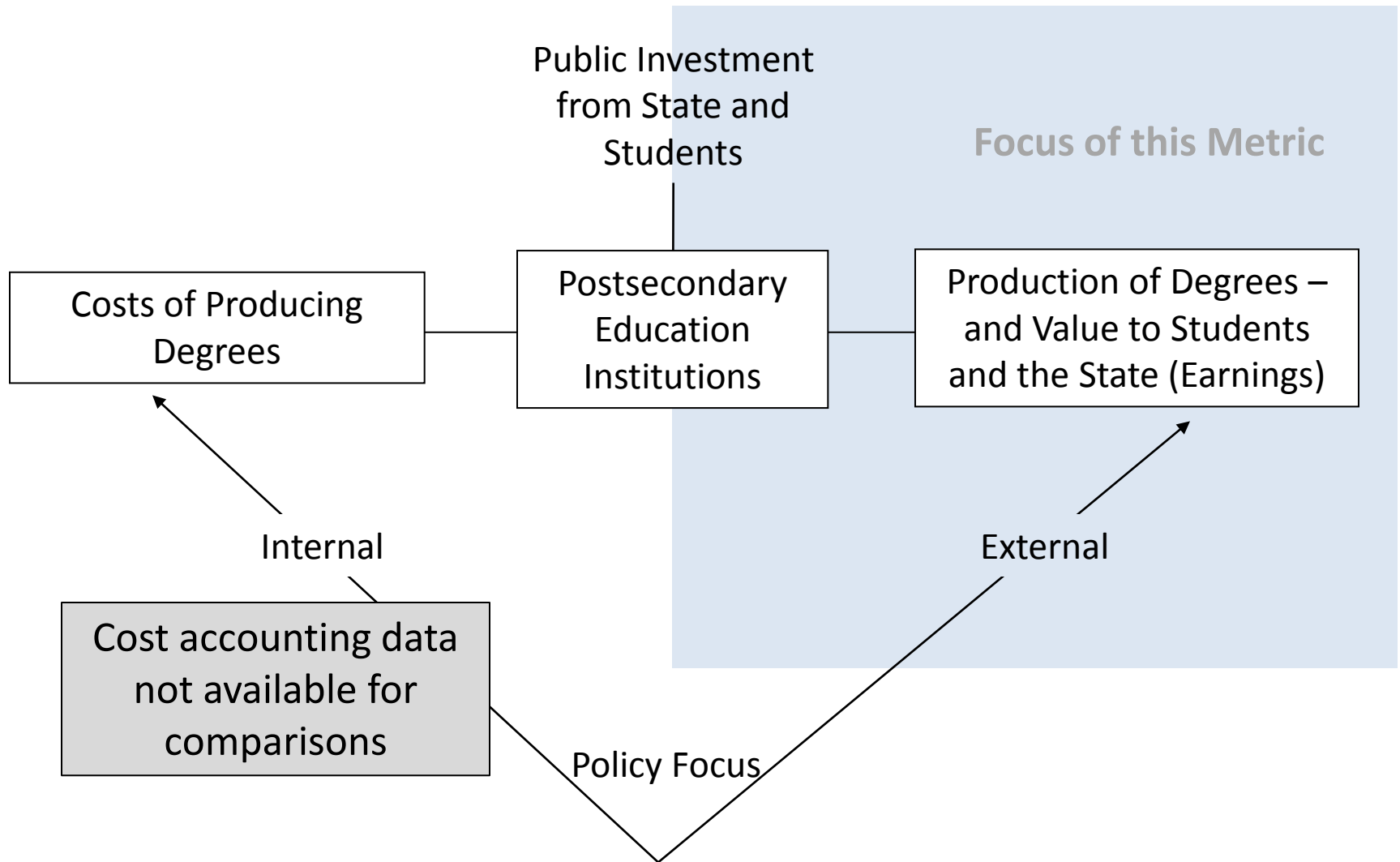
Public Revenues per Degree Weighted by STEM and Health

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Management Systems



Public Revenues per Degree



Calculation

State, Local, Tuition and Fee Revenues / Total
Credentials Awarded (Weighted by Level of
Award, and STEM and Health)

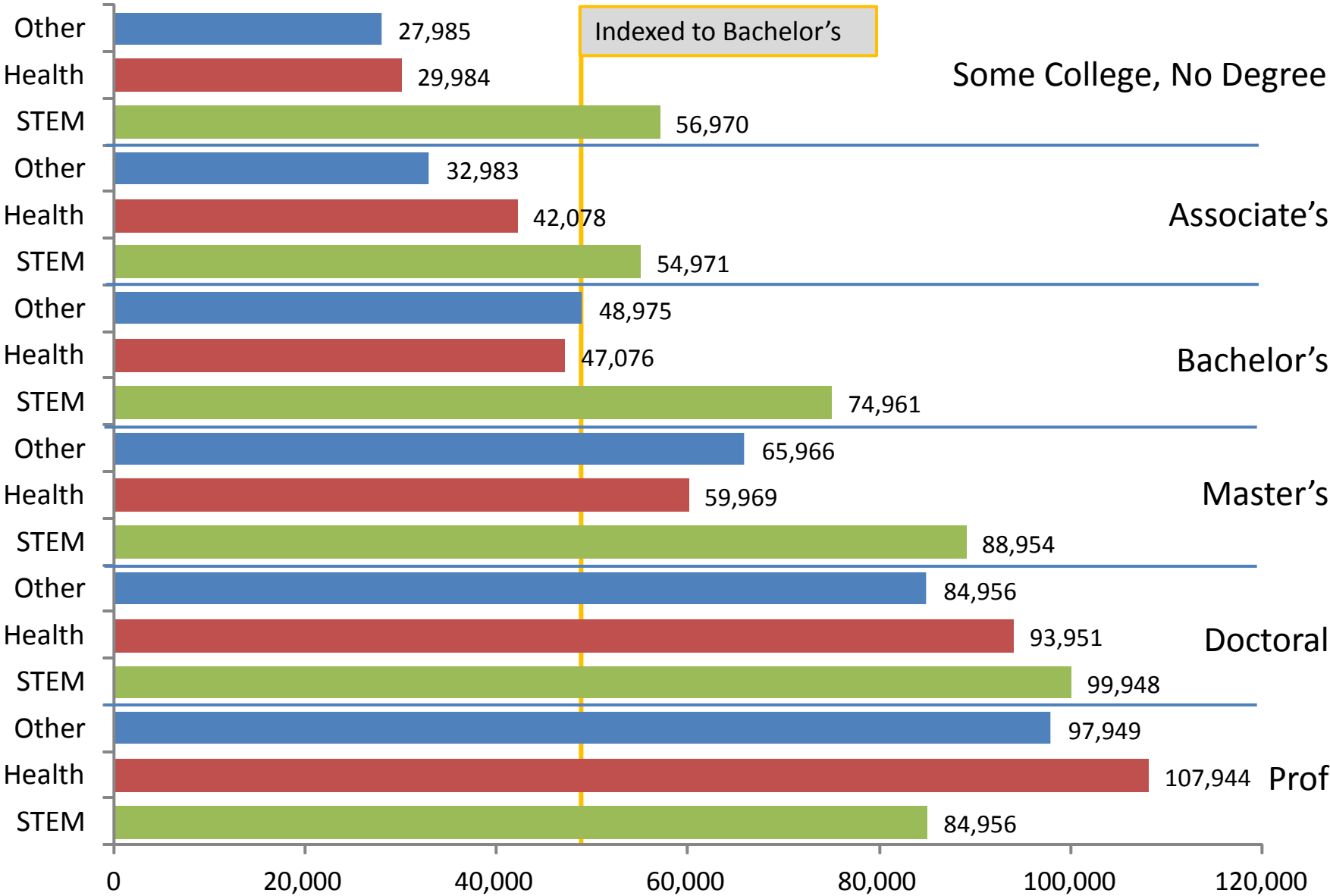
STEM and Health Credentials and Degrees

STEM = CIP (4, 11, 14, 15, 26, 27, 40, 41). Health Prof = CIP (51).

CIP Codes	Field
1	agriculture, agriculture operations, and related sciences.
3	natural resources and conservation
4	architecture and related services
5	area, ethnic, cultural, and gender studies
9	communication, journalism, and related programs
10	communications technologies/technicians and support services
11	computer and information sciences and support services.
12	personal and culinary services
13	education
14	engineering.
15	engineering technologies/technicians
16	foreign languages, literatures, and linguistics
19	family and consumer sciences/human sciences
22	legal professions and studies
23	english language and literature/letters
24	liberal arts and sciences, general studies and humanities
25	library science
26	biological and biomedical sciences
27	mathematics and statistics

CIP Codes	Field
29	military technologies
30	multi/interdisciplinary studies
31	parks, recreation, leisure, and fitness studies
38	philosophy and religious studies
39	theology and religious vocations
40	physical sciences
41	science technologies/technicians
42	psychology
43	security and protective services
44	public administration and social service professions
45	social sciences
46	construction trades
47	mechanic and repair technologies/technicians
48	precision production
49	transportation and materials moving
50	visual and performing arts
51	health professions and related clinical sciences
52	business, management, marketing, and related support services
54	history

Median Earnings in Virginia by Level, STEM and Health



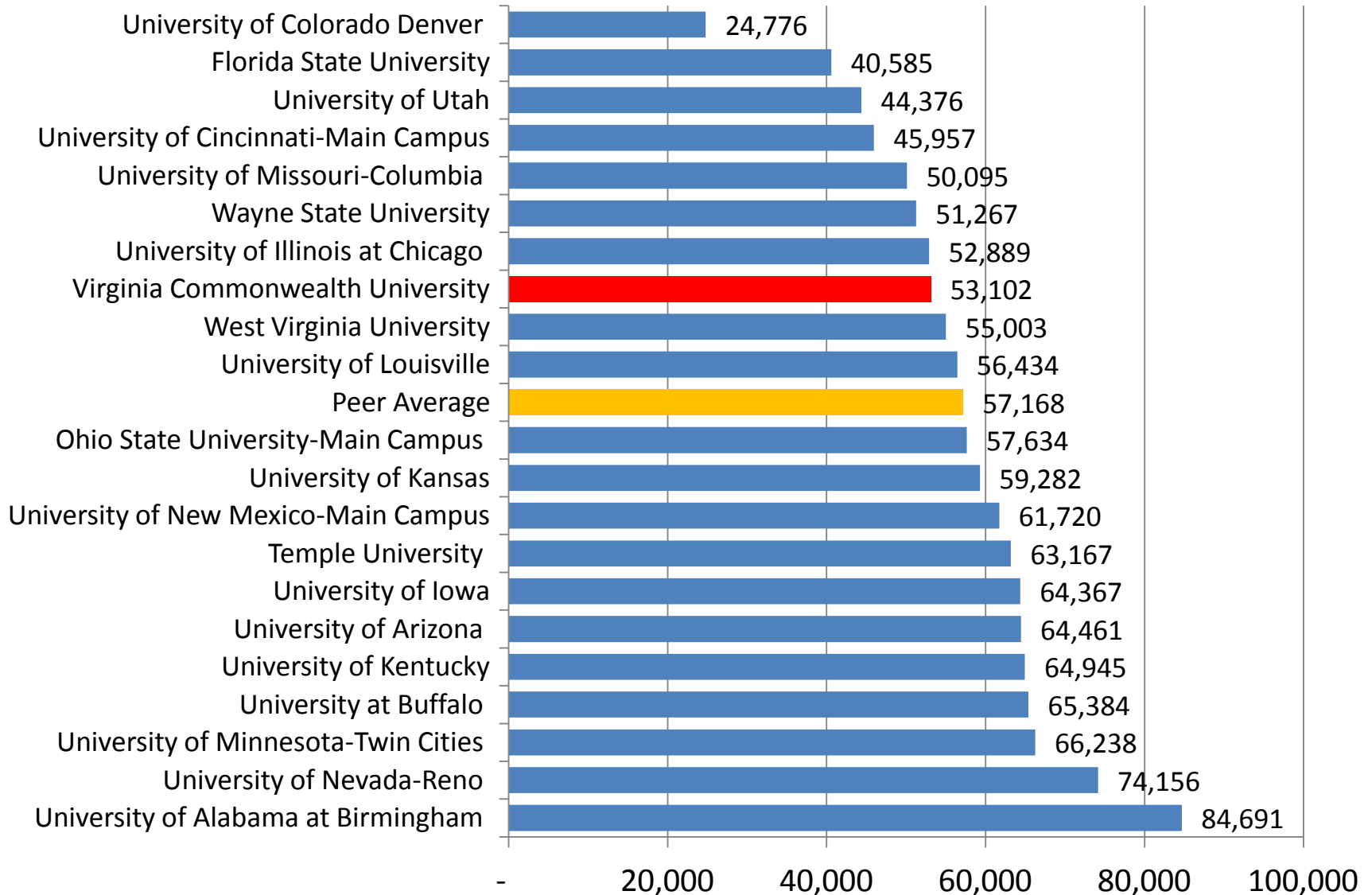
Sources: U.S. Census Bureau, 2009 American Community Survey (Public Use Microdata Samples)

**Virginia Commonwealth University: Degrees Weighted by Value to the State and Individuals:
Median Earnings in the State Employment Market**

Degree-Level	Median Earnings	Indexed to Bachelor's Degrees	Awards	Weighted Awards
Certificates	22,777	0.54	2	1
Certificates STEM	57,016	1.36	0	0
Certificates Health	28,508	0.68	0	0
Associates	31,454	0.75	0	0
Associates STEM	61,103	1.46	0	0
Associates Health	43,385	1.03	0	0
Bachelors	41,975	1.00	2,699	2,699
Bachelors STEM	75,924	1.81	461	834
Bachelors Health	53,975	1.29	384	494
Masters	59,067	1.41	1,133	1,594
Masters STEM	92,915	2.21	172	381
Masters Health	63,351	1.51	236	356
Doctorates	75,924	1.81	62	112
Doctorates STEM	97,765	2.33	57	133
Doctorates Health	95,027	2.26	133	301
First-Professionals	85,524	2.04	0	0
First-Professionals STEM	75,924	1.81	0	0
First-Professionals Health	97,616	2.33	397	923
TOTAL			5,736	7,828

State, Local, Tuition and Fee Revenues / 7,828

Total Public Revenues per Degree (2007-08) Weighted by STEM and Health



What's Missing?

1. Measures of quality
2. Measures of actual “costs” per degree – by program, degree-level, etc.
3. Additional desired outcomes – e.g. measures of performance associated with public service, engagement with business and employers, research/technology transfer, etc.

At the Institutional Level – Why Peers are so Important

Comparison to similar institutions

- Mission
- Size
- Program Mix
- Selectivity
- Etc.

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