Discovery & Engineering
Making VUMC > Sum of Its Parts
Nancy J. Brown
The Opportunity

LIFE EXPECTANCY GAP FROM OECD HIGH INCOME COUNTRIES

-4.2 to -2.8
-2.9 to -4.2
-1.6 to -1.5
-0.3 to -0.3
0.3 to 0.3
1.5 to 2.8
2.8 to 4.2
4.2 to 4.2

Source: The Anatomy of Health Care in the United States
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- OBESITY
- COGNITIVE HEALTH
- DATA SCIENCE
- CLINICAL GENOMICS
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What are the key enablers that we can utilize or develop?

What are the criteria for investing in comprehensive programs?

What do we want to measure and improve?
What are the key enablers we can utilize or develop?
What are the criteria for investing?

Numerous preventable chronic diseases linked to obesity:
- heart disease
- stroke
- high blood pressure
- diabetes
- cancer
- gallbladder disease and gallstones
- osteoarthritis
- gout
- sleep apnea
- asthma

Costs to treat preventable obesity-related diseases in the U.S. per year range from $147 – $210 billion.

Thestateofobesity.com, September 2015

May 2018

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What do we want to measure and improve?

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The Potential Impact

LIFE EXPECTANCY GAP FROM OECD HIGH INCOME COUNTRIES

- > 4.2 years
- 4.2 to 2.9
- 2.8 to 1.6
- 1.5 to 0.3
- 0.3 to -0.3
- -0.3 to -1.5
- -1.6 to -2.8
- -2.9 to -4.2
- < -4.2 years

Source: The Anatomy of Health Care in the United States