The Thirty-second Annual Rosalynn Carter Symposium on Mental Health Policy



THE CARTER CENTER

WIDENING THE CIRCLE OF HEALTH & WELLNESS: THE CENTRAL ROLE OF BEHAVIORAL HEALTH

Plenary I: Managing Population Health & Building Cultures of Wellness

Moderator: Ray Fabius

Co-Founder HealthNEXT



32nd Rosalynn Carter Symposium on Mental Health Policy Atlanta GA November 17th & 18th

Plenary One



POPULATION HEALTH

HealthNEXT

Manages Care Across the Continuum



Population Health is About One Thing Behavior Change

- Modifying the physical, emotional, habitual and cultural factors that influence health status
- Paired with usual health care
- Relies on an interdisciplinary approach that educates, supports, follows-up, and evaluates efficacy



There is a science developing to foster more effective behavior change producing greater improvement in lifestyles, guideline compliance and medication adherence

WELLNESS Not Just the Absence of Illness

WHO Definition of Health

Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity

Components of Wellness Social EMOTIONAL **Physical** (FEELINGS) PHYSICAL (BODY) **Emotional** INTELLECTUAL SPIRITUAL (MIND) SOCIAL (VALUES, PURPOSE, INTUITION, VITALITY) Career (FAMILY, FRIENDS RELATIONSHIPS **ENVIRONMENTAL** Intellectual OCCUPATIONAL AIR, WATER, FOOD, SAFETY) (CAREER, SKILLS) **Environmental Spiritual**

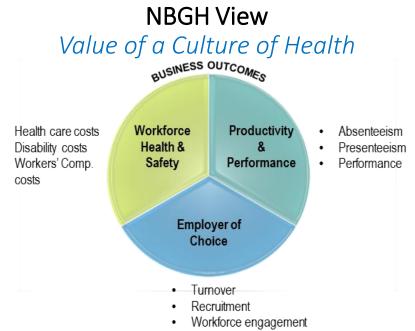
BUILDING CULTURES OF WELLNESS

In Early Adoption Phase

8 STEP PROCESS

- **1.** Embrace a vision for health
- 2. Senior Leadership Commitment
- 3. Policies & Environment
- 4. Measurement, Data, & Analytics
- 5. Programs & Goals
- 6. Evidence Based Benefit Design
- 7. Population Health
- 8. Model Against Benchmark Companies & Communities





CREATING HEALTHIER WORKPLACES & COMMUNITIES IMPROVES POPULATION HEALTH

FAST TRACK ARTICLE

The Link Between Workforce Health and Safety and the Health of the Bottom Line

Tracking Market Performance of Companies That Nurture a "Culture of Health"

Raymond Fabius, MD, R. Dixon Thayer, BA, Doris L. Konicki, MHS, Charles M. Yarborough, MD, Kent W. Peterson, MD, Fikry Isaac, MD, Ronald R. Loeppke, MD, MPH, Barry S. Eisenberg, MA, and Marianne Dreger, MA

Objective: To tott the hypothesis that comparishemise efforts to rodace a workforce's health and safety risks can be associated with a company's stock market performance. Methods: Stock markst performance of Corporate Itsahb Achievement Award winners was tracked under four different scenarios using simulation and past markst performance. Research: A portfolio of companies recognized as award winning for their approach to the health and safety of their workforce outperformed the markst. Evolution of submarkst building caltures of health and a safety and comparison that building caltures of health and safety provident comparison that manage other aspects of their business equally well. Conctanions: Comparison that build a calture of health by focusing on the well-being and safety of their workforce yield greater walks for their newsion.

A growing body of evidence supports the concept that focusing on in a comprehensive effort io promote wellness, reduce the health risks of a workforce, and mitigate the complications of chronic tilbress within these populations can produce remarkable effects on health care costs, productivity, and performance. The literature is replete with examples demonstrating that the health of employees impacts their performance and productivity. In addition, for the majority of the employees, there is a direct impact on the bottom line.

Recent statistics have revealed the following:

- More than 22% of working age adults surveyed reported healthrelated work impairment from chronic filness in the previous 30 days. Those with impairment averaged 6.7 lost days. This is equivalent 0.2 S billion impaired days per year.¹
- A 2003 study found that illness and disability reduced total work hours by approximately 8.6% in 1996, with nearly 8.7 million Americans between the ages of 18 and 64 years being unable to work. This represented a loss of approximately 5468 billion to the US economy.³ In 2006, more than 52 trillion was spent on health care with three fourths of that amount focused on treating chronic conditions.³

From the HeadBNERT LLC (Dr Buhma), Newiswn Separe, Parne HeadBNERT LLC (Mr Thager), Unionrille, Parne, KDK Solutions, Lld (Ma Konicki), Chicago, Hi, Headba and Wellnean Modical Strakojna (Dr Yashorough), Lockthood Marin Corporate Modical Director, Hothicata, Md; Occupational Headb Strakogio, Inc (Dr Hothrony), ChardonerHie, Va; Handwood (Dr Longeko, Teme; and Amorican Collogor (Occupational and Heitnean (Dr Longeko, Teme; and Amorican Collogor (Occupational and Heitnean Headback, Teme; and Amorican Collogor (Occupational and Heitnean Dra authorn declare no conflicts of Interest.

Address correspondence to: Raymond Pabias, MD, HealthNEXT LLC, 8 Prog. Hollow Lane, Novelow Square, 7A 19073 (rap:hittad)healtheat.com). Copyright c, 2013 by American College of Occupational and Environmental and Environmental

Molicine DOI: 10.1097/JOM.06013c3182a/8675

JOEM • Volume 55, Number 9, September 2013

 Recently, an article by Loepike and colleagues,⁴ reported that for every dollar of medical and pharmaceutkal costs spent, an employer lost an additional \$2.30 of health-related productivity costs. Health-related presenteetsm (health-risks and medical conditions impacting work performance) was shown to have a larger impact on lost productivity than absenteetsm, with executives and maragers suffering higher losses. Comorbidities demonstrated the largest effects on productivity loss.⁴

These facts led to a hypothesis: Comparies that create an environment for their employees and dependents that reinforces both conscious and unconscious safer and healthier litesiyle choices as well as provides more effective accessing of appropriate health care (le, surround them with a "culture of health") should be more productive and that productivity should drive business performance and be reflected in the price of their stock.

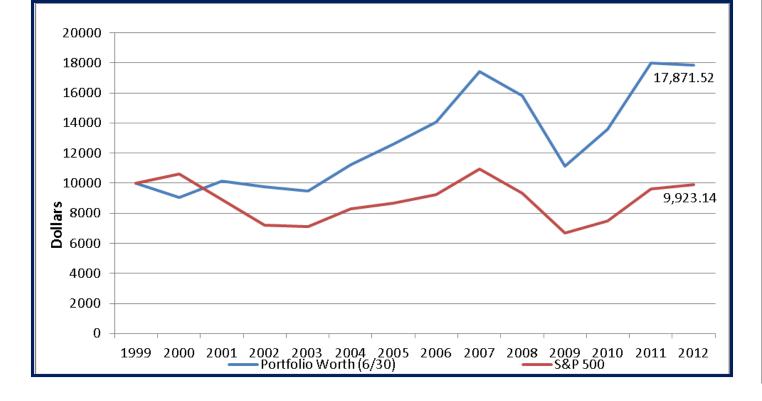
To more objectively test this hypothesis, we tracked the stock market performance of companies with proven health, safety, and companies, we turned to the recipients of the American College of Occupational Medicine's (ACOEM's) Corporate Health Achievement Award (CHAA). Using simulation and past market performance, a theoretical initial \$10,000 investment in publicly iraded award winners was followed from 1997 to 2012 under one scenario and from 1999 to 2012 in three scenarios.

Because these award-winning companies are recognized for their exemplary efforts in creating a healthy workforce, and a healthy workforce generalies less health care costs and improved productivity, we lested the hypothesis that a financial portfolio of these companies would outperform the marketplace.

BACKGROUND

The organization known today as the American College of Occupational and Environmenial Medicine began in 1916 as the American Association of Industrial Physicians and Surgeons. As the country moved from industrial manufacturing to knowledge-based industries, the American Association of Industrial Physicians and Surgeons adapted itself to meet the changing needs of workers, eventually changing its name to the American College of Occupational and Environmental Medicine to more accurately convey its work. Today, the ACOEM continues to embody the principles set forth in 1916, but with a wider scope and mission that responds to the health and safety needs of the twenty-first century workplacefrom industrial medicine to occupational medicine to occupational health and most recently to corporate health (including international operations).3 Corporate health is defined as the overall integration of safety and health in the workplace, enhancing employee well-being and satisfaction and the company's overall productivity. The quality of the work environment has become increasingly important and is a central factor in the lives of most Americans. In an era of downsizing and increased stress and pressures on employees, America's best companies strive to improve employee health and safety. Having

The Link Between Workforce Health & Safety And the Health of the Bottom Line



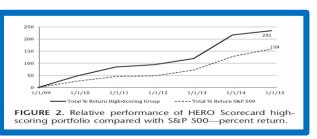
Copyright @ 2013 Lippincott Williams & Wilkins. Unauthorized reproduction of this article is prohibited.

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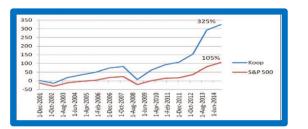
3 MORE CORRELATION STUDIES PUBLISHED IN 2016

Marketplace rewards companies who achieve cultures of health

Health Enhancement Resource Organization High Scoring Companies



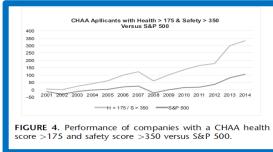
Health Project Award Winning Companies





HERO

CHAA Award winning companies





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Örga	lace Health Promot nizational Financial arket Performance of Con	Performance	ina				
5	Scores on the HERO Se	corecard					
	MPH, Ray Fabius, MD, Jennifer MD, Ron Z. Goetzel, PhD, and De		PhD,				
Objective: The aim of the study was to eval publicly traded companies that received high Health Management Best Practices Scorecan		hat traders find information about compe capital meaningful, suggesting that they m or sources of information about company	ny investments ay also have an investments in		1		
based on their implementation of evidence motion practices. Methods: A portfolio of scores in a corporate health and wellness s based on past market performance and corm companies represented on the Standard ap	The Stock Per		verett Koop Awa ard & Poor's 500				
Results: Stock values for a portfolio of com in a corporate health and wellness self-aste compared with the SkeP 200 Index appress simulation period. Conclusions: Robust in and well-being appears to be one of multi performing, well-managed comparies.	Rebecc	a K. Kelly, PhD, RD, and Ker	us, DO, Enid C. Roemer, PhD, uneth R. Pelletier, PhD, MD (h businesses, partly fueled by a spec	<i>(c)</i>			
N umerous studies link employee a health to higher health care cost and lower on-the-job productivity. ^{2,2-2} associates lower employee well-being and lower levels of engagement with we	Objective: The aim of the study was to investing in the health and well-being pr market performance. Methods: Stock National Health Award winners (n = compared with the average perform	explore the link between companies ograms of their employees and stock performance of C. Everett Koop	Affordable Care Act (Section 2705) to implement comprehensive worksite Currently, approximately half of all e employees offer wellness programs of	that encourages employers health promotion programs. mployers with more than 50			
and lower levels of engagement with we number of business leaders view investin well-being as a strategic investment in Lending credence to the idea business, companies with the most is promotion (WHP) programs report sup shareholder returns, and revenue per	Standard and Poor's (S&P) 500 Index. outperformed the S&P 500 Index. In 2014), Koop Award witners' stock va with the market average appreciation supports prior and ongoing research i ation—an affirmation of business st	9	Market Performanc Culture of Hea	alth and Safety	2		
vation is one contributor to the deve Endeavor Fund (PARWX), a diversified invests in large-capitalization companies as good employers to work for such as and IBM. ¹⁶ This fund was created in	socially responsible companies that in their workers when compared with of	Raymond Fe	ment of Corporate Heal bius, MD, Ronald R. Loeppke, M	ID, MPH, Todd Hohn, CSF	, Dan Fabius, DO,		
outperformed the general stock market.	4 W orkplace health promotion the health and well-being ents. Companies that excel in the apply for and win recognition thro earning the C. Everett Koop Award	Objective: The aim of this stu	arry Eisenberg, CAE, Doris L. Ke	Learning Objectives	son, MS		
Ap) Ten the Huld Tabusanese Research Organization of the International Internationa	is conferred annually by The Hes- ation founded in 1994 to prom improving population health cost An opportunity presented it winning companies, recognized by ing workers' health and saving mo other publicly traded firms based ance. Specifically, we were inte appreciation, a public measure si worth, for companies that win 4 "average" companies comprising	adity in the Corpor at Haafs A supprior to average index perf formance of portions of CHA assessment in the second second second attent framed to inform the inve- out-performed to SAC average the growing evidence that a h compary's performance and its	is achieving high service on enter-bash to chowness A well (2014 A) process will be emance. Methode The steck markes pe- valence of the service of the service of the set market performance in totat of associ- ont of the service of	Later reng Outpectives = Discass provide meansh linking worker health to the stock should tracking the performance of companies moving the Composed health Acheveners An event (SMA). 5 Ammetia the methods and findings of the new tably parker stranging of the contents in health and worken and Usrahll. The meaning the findance for the are of instruments for meaning the findance for the are of instruments for meaning the findance for the are of instruments and where a subscription of the outperformance of the area of the outperform the instruments of the findance of the outperformance of the outperformance programs, such as the integrated Health and Safety balox.			
varl, Suire 270, Idriau, MN 5519 (jewici, Copyipte IC 2015 American College of C Medicine DOI: 10.1097/20M.000000000000651 DOI: 10.1097/20M.000000000000651 JOEM • Volume XX, Number X, Mc	500 Index. The hypothesis tested and winning the Koop Award, th having outstanding workplace h grams, would realize firancial ; simply offering traditional employ BACKGF The genesis for this analysi	health or safety during the (CHAA) process will be sup ance. The CHAA was establis Occurational and Environm	hesisthat the stock mark et performance eve high-enoring assessments in either Corporate Health Achieverment Award front to average market-index perform- healtin 1995 by the American Gollage of Hall Machiever (ACOEM) to recognize ies and organizations in North America practice as weat place health and a do by	throughout the four categories, safety, health, and wellness. Th on a four-level system. Level 1. Program Des ri	00. The 17 standards, distributes address various appetts of workplace to scoring for each standard is based ption widence that approprise program rd. CHAA applicants must clearly		
	adoption of, workplace health Prom the Institute for Health and Produc and Mc Thornton), Johns Hopkins Washington, DC; Tauven Health Ana Berheada, Maryland; Health/HEXT	programs. ¹ Since the introd companies have achieved o companies have demonstrat lence in employee health, s outcomes, and trends. Com	action of the first awards in 1996, 31 istinction as CHAA recipients. These of outstanding achievement and excel- alety and environmental management, marines the matricinate in the CHAA	delineate relevant programs th strating how these programs in Level 2. Program Disser	ey have implemented, while demon- net the CHAA standards. nination widence that the programs are well		
	Pennyivani, Cooper Medical Sch Fabius), Canden, New Jerney, Th Tuscaloosa, Alabama; and Universit University of California (Dr Pellete 3 The author reports no conflicts of inten Address correspondences to: Ron Z. G Institute for Hashh and Productive	CHAA Model Program Awa but not overall excellence in Applicants for the CF general categories: Leadersh Healthy Environments, an points are awarded in each	just one component may receive the d,sign fying their excellence in one area both health and safety. AA are judged on 17 standards in four ip and Management, Healthy Worksro, Healthy Organizations A series of category, with the maximum number	Level 3. Outcome Measures Organizations demonstrate that they have created a metric system for their aferty, wellness, and health programs and provid clear data on what is being measured.			
	Institute for Hauffi and Productive School of Public Hauffi, Washingto Applied Research, Truves Health A State 650, Betheda, MD 20814 (an Copyright © 2015 American College Medicine DOI: 10.1097/JOM.0000000000000032 JOEM • Volume XX, Number X	Prom Haidth/EXT LLC, Newtor US Preventive Medicate, Underwitzer Laboratorie I MedicalSchool of Rewan Die RDE Statisten, LE, Chica of Occupational and Favier (Mr. Hasoberg); and Paul (Mr. Lawob).	n Square, Penneylvania (Dr Reymond Fablac); he, Brentwood, Tanamas (Dr Looppie); he, Northrook, Biosis (Mr Hole); Coper- worldy, Candia, New Jeney (Dr Dan Fablac); he lifenis (Ms Kookki); American Colege metal Medicine, Bit Scow Village, Biosis Larson Communications, Eventors, Biosis	health risk, health-cost saving as a result of their safety, wells demonstrain the success of the Points are awarded for four categories and each catego of 250. Table 1 provides a cos	rend data showing a reduction of p, or other impact on the business ess, and health programs. Trend data encore of the 17 standards within the ry has a maximum number of point mpr hensive view of the categories.		
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			blage of Occupational and Revisionmental	progress in addressing issues o Since 1970, workplace fats its 65% and injury and illness rate	f health and safety in the workplace, es have been reduced by more than s have declined by 67%, according to		
		JOEM • Volume 58, Num	ber 1, january 2016		3		
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HOW DO YOU MEASURE A CULTURE OF HEALTH HealthNEXT Research

10 Weighted Assessment Categories

- People & management
- Marketing & communications
- Data warehousing
- Health & wellness plan design
- Environment
- On-site health activities
- Health & wellness activities
- Incentives and benefits design
- Engagement & navigation
- Vendor integration

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Health

218 "Elements"
In 10 "Categories"
11 "Thresholds" of implementation
5 "Degrees" of completion
Scored out of 1000 points
650 – 700 Benchmark Level

Plenary I: Managing Population Health & Building Cultures of Wellness

Panelists:

Nico Pronk, PhD, Vice President for Health Management & Chief Science Officer, Health Partners

Sue Bergeson, Vice President of Consumer and Family Affairs, OptumHealth Behavioral Solutions

Kyu Rhee, MD, Chief Health Officer, Watson/IBM





From Treating Illness to Creating Wellbeing

32nd Annual Rosalynn Carter Symposium on Behavioral Health Policy Atlanta, GA November17 & 18, 2016

> Nico Pronk, Ph.D. VP and Chief Science Officer



The 1974 Canadian Bombshell

Marc Lalonde

Canadian Politician

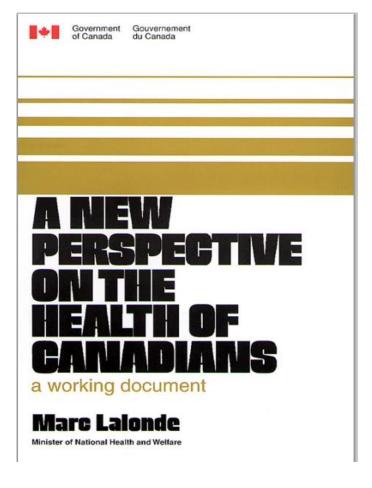
Marc Lalonde, PC OC QC is a retired Canadian politician and Cabinet minister. Wikipedia

Born: July 26, 1929 (age 85), Île Perrot, Canada

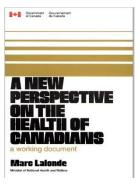
Party: Liberal Party of Canada

Education: Université de Montréal, University of Oxford, University of Ottawa









The 1974 Canadian Bombshell

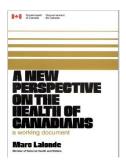
At the same time as improvements have been made in health care, in the general standard of living, in public health protection and in medical science, ominous counter-forces have been at work to undo progress in raising the health status of Canadians. These counter-forces constitute the dark side of economic progress. They include environmental pollution, city living, habits of indolence, the abuse of alcohol, tobacco and drugs, and eating patterns which put the pleasing of the senses above the needs of the human body.

For these environmental and behavioural threats to health, the organized health care system can do little more than serve as a catchment net for the victims. Physicians, surgeons, nurses and hospitals together spend much of their

A New Perspective on the Health of Canadians,



Ottawa. 1974



Introduces the Health Field Concept

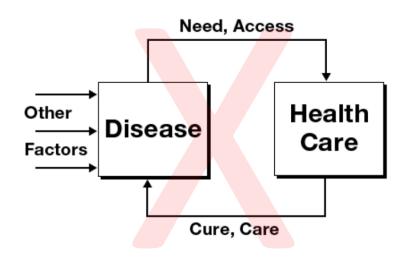
Such a Health Field Concept⁶ was developed during the preparation of this paper and it envisages that the health field can be broken up into four broad elements: HUMAN BIOLOGY, ENVIRONMENT, LIFESTYLE and HEALTH CARE ORGANIZATION. These four elements were identified

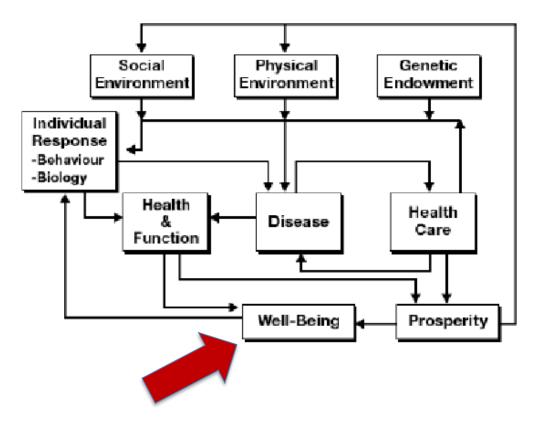
Until now most of society's efforts to improve health, and the bulk of direct health expenditures, have been focused on the HEALTH CARE ORGANIZA-TION. Yet, when we identify the present main causes of sickness and death in Canada, we find that they are rooted in the other three elements of the Concept: HUMAN BIOLOGY, ENVIRONMENT and LIFESTYLE. It is apparent, therefore, that vast sums are being spent treating diseases that could have been prevented in the first place. Greater attention to the first three conceptual elements is needed if we are to continue to reduce disability and early death.

A New Perspective on the Health of Canadians,



Evans and Stoddart - 1990

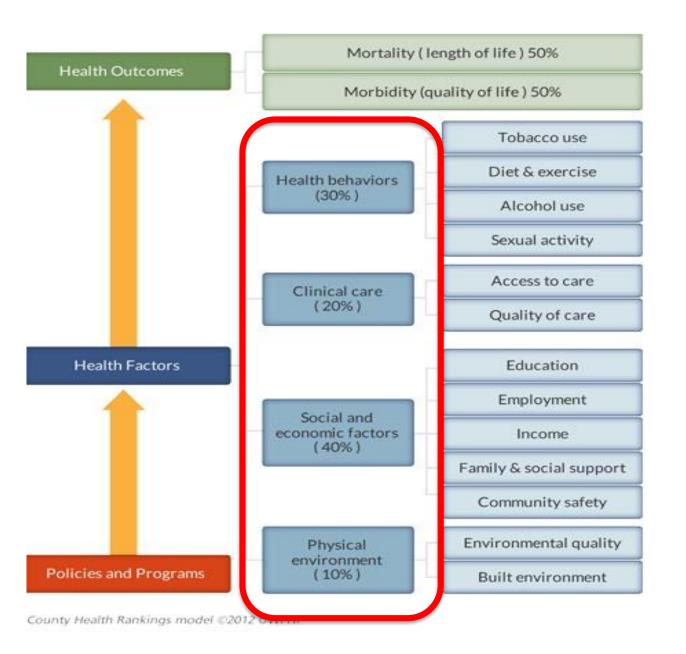






Evans RG, Stoddart GL. Soc Sci & Med. 1990;31(12):1347-1363.

The County Health Rankings model descended from this framework

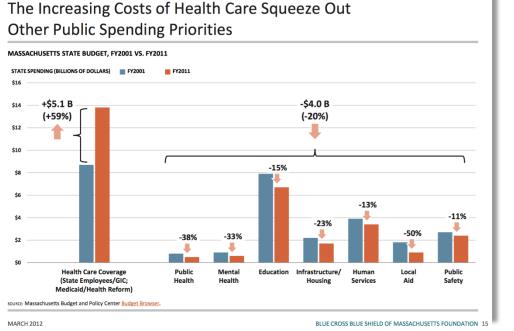




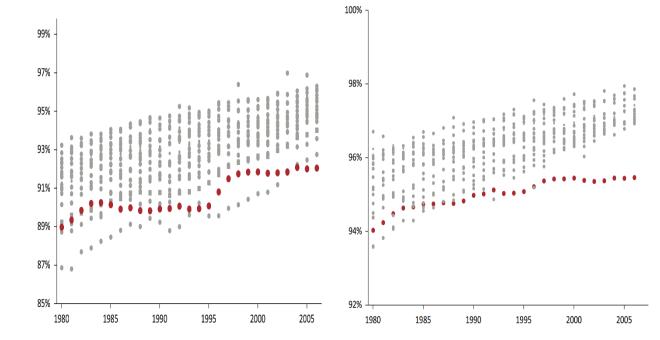
But the US still has not heeded Lalonde's message.

As support of essential services suffers...

US life expectancy falls behind comparable countries...



http://bluecrossmafoundation.org/sites/default/files/Cost%20Deck%20March%20report.pdf



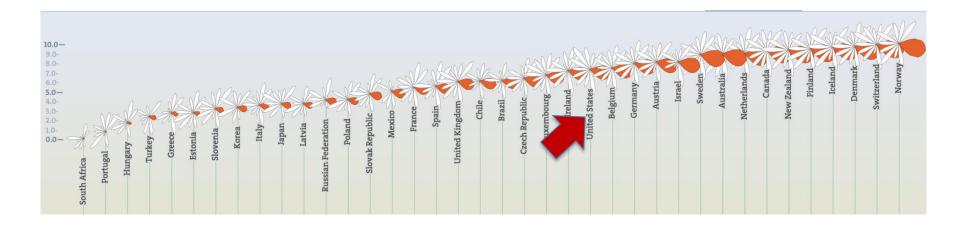
National Research Council and Institute of Medicine. (2013). U.S. Health in International Perspective: Shorter Lives, Poorer Health.

Probability of survival to age 50 in 21 high-income countries: 1980-2006



...and life satisfaction lags







http://www.oecdbetterlifeindex.org/topics/life-satisfaction/

In response, HealthPartners has made a proposal

PREVENTING CHRONIC DISEASE PUBLIC HEALTH RESEARCH, PRACTICE, AND POLICY

Volume 13, E52

APRIL 2016

EDITOR'S CHOICE

"Well-Being in All Policies": Promoting Cross-Sectoral Collaboration to Improve People's Lives

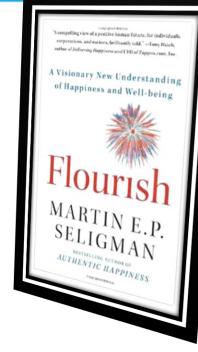
Thomas E. Kottke, MD, MSPH; Matt Stiefel, MPA, MS; Nicolaas P. Pronk, PhD

Suggested citation for this article: Kottke TE, Stiefel M, Pronk NP. "Well-Being in All Policies": Promoting Cross-Sectoral Collaboration to Improve People's Lives. Prev Chronic Dis 2016;13:160155. DOI: http://dx.doi.org/10.5888/ pcd13.160155.



What is "well-being"?

- A healthy physical environment
 - high quality air & water
 - safe housing & transit
- Social and economic opportunity
 - good education
 - stable employment
 - livable income
 - family and social support
 - community safety
- PERMA



A satisfying life



Why not keep "health" the goal?

•The association of the word "health" with "health care" is so strong that it creates a conflation of "health care policy" with "health policy" that is nearly impossible to break.

•Well-being is a positive concept. While health may be more than the absence of disease, current metrics are framed as the extent to which disease burdens the individual or the population.

•Shifting the focus towards well-being would appropriately place "health" among the determinants of well-being, as opposed to being the ultimate aim.

•Policy makers in health care, particularly those in health plans and care delivery organizations, may not recognize the full range of opportunities that they have at hand to improve well-being while staying true to their missions.



Kottke TE, Stiefel M, Pronk NP. Prev Chronic Dis. 2016;13:E52.

System Focus on Well-Being

Where should we start?

"What gets measured gets done!"...so, let's measure...

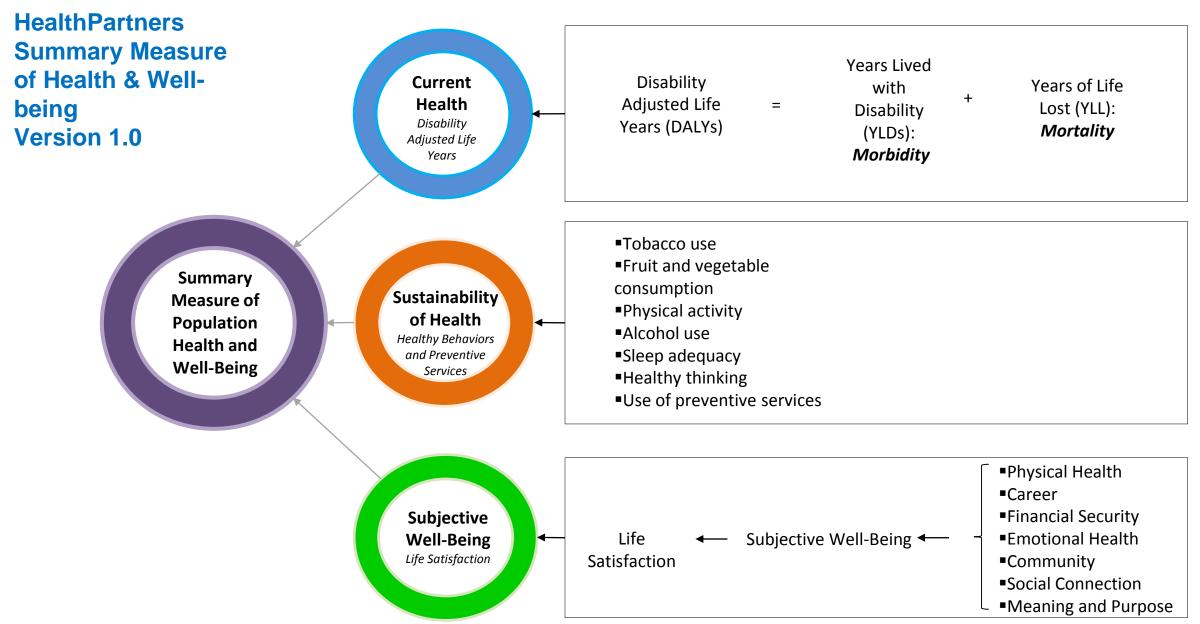
HealthPartners has created a version 1.0 "Summary Measure of Health and Well-Being" so as to measure progress towards mission achievement

HealthPartners mission: "Improve health and well-being in partnership with our members, patients, and community"



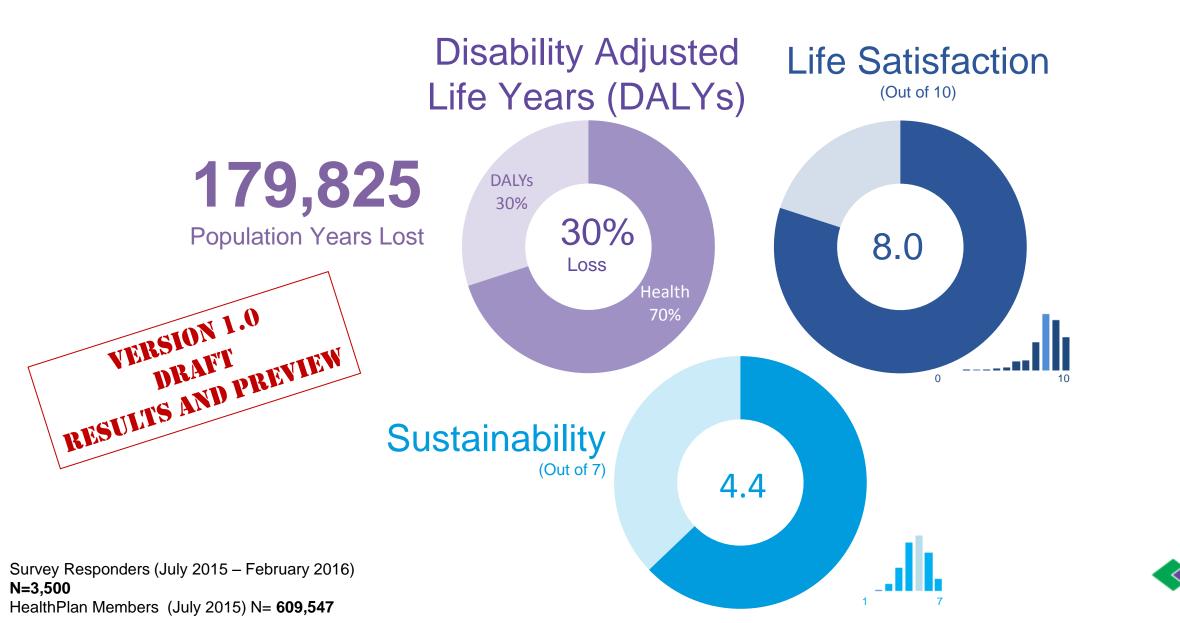
Suggested citation for fins article: Kottke 1E, Gallagner JM, Rauri S, Tillema JO, Pronk NP, Knudson SM. New Summary Measures of Population Health and Well-Being for Implementation by Health Plans and Accountable Care Organizations. Prev Chronic Dis 2016;13:160224. DOI: http:// dx.doi.org/10.5888/pcd13.160224. HealthPartners will use the summary measures to identify and address conditions and factors that have the greatest impact on the health and well-being of its patients, members, and community. The method could easily be implemented by other institutions and organizations in the United States, helping to address a persistent need in population health measurement for improvement.







2015-16 HealthPartners Summary Measure of Health & Well-being



Thank You!



Igazu Falls, Brazil. Photo courtesy of Dr. Ray Fabius



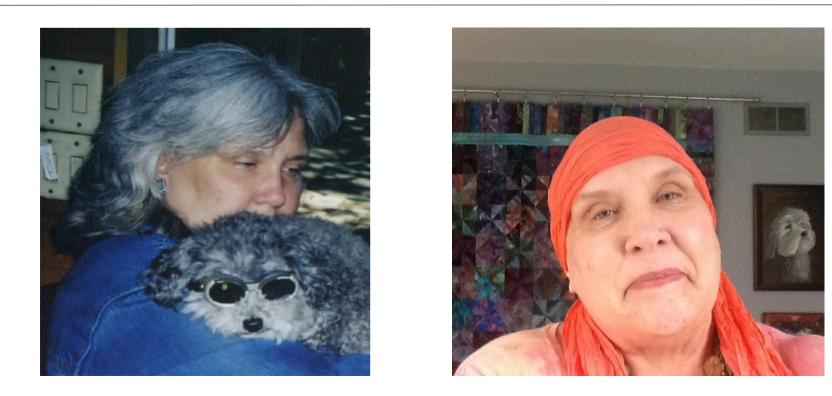




THE THIRTY-SECOND ROSALYNN CARTER SYMPOSIUM MENTAL HEALTH POLICY: <u>EXPANDING THE CIRCLE OF HEALTH & WELLNESS:</u> <u>THE CENTRAL ROLE OF BEHAVIORAL HEALTH</u> THURSDAY, NOVEMBER 17, 2016, 2:00 PM

Cancer, Mental Health and Me

28



"People fear getting cancer more than losing their job, developing Alzheimer's disease or having a heart attack, ...losing a home, debt, and being in a car crash" <u>http://www.dailymail.co.uk/health/article-1337096/Cancer-greatest-fear-poll-reveals-scarier-old-age-</u>



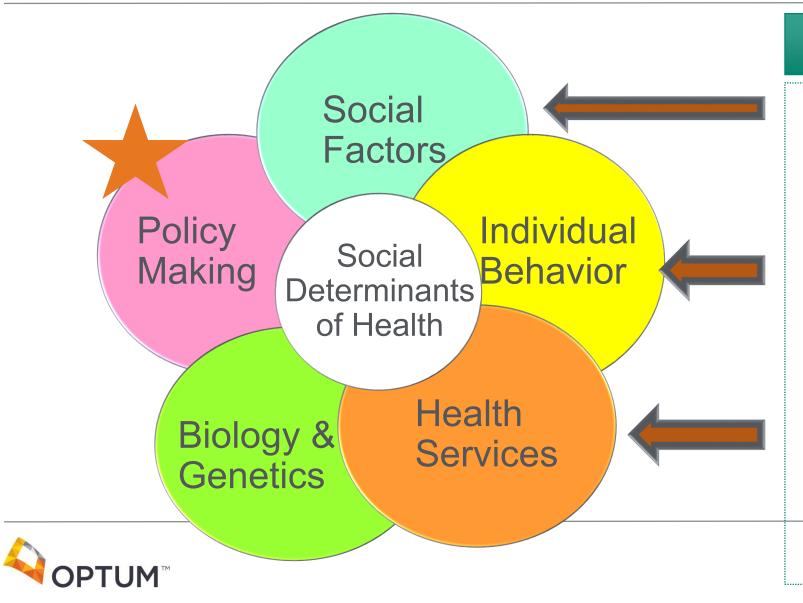
Recovery and Resiliency Definitions

- "A process of change through which individuals improve their health and wellness, live a selfdirected life, and strive to reach their full potential"
- "...the process of adapting well in the face of adversity, trauma, tragedy, threats or significant sources of stress ... It means "bouncing back" from difficult experiences... Resilience is not a trait that people either have or do not have. It involves behaviors, thoughts and actions that can be learned and developed in anyone."





Achieving the aim of Population Health is to reduce health inequities or disparities among different population groups due to the Social Determinates of Health



Four major domains that support recovery:

Health : overcoming or managing one's disease(s) as well as living in a physically and emotionally healthy way;

Home: a stable and safe place to live;

Purpose: meaningful daily activities, such as a job, school, volunteerism, family caretaking, or creative endeavors, and the independence, income and resources to participate in society; and

Community : relationships and social networks that provide support, friendship, love, and hope

On the other hand, you can not look just at recovery/resiliency without viewing the bigger population health issue

	Riskier, Difficult to Engage Populations		Less Risky, more popula	Total MA	
	Suffolk	Bristol	Hampshire	Middlesex	
Median HH Income	\$54,300	\$57,700	\$57,700	\$84,000	\$69,200
Unemployment	5.4%	7.3%	5.0%	4.6%	5.8%
Children in Poverty	32%	17%	13%	10%	15%
Violent Crime	910	556	245	257	434
Adult Smoking	15%	19%	15%	12%	15%
Adult Obesity	21%	28%	21%	23%	24%
Poor Physical Health Days	3.5	4.0	3.3	3.0	3.5
Poor Mental Health Days	3.8	4.6	3.9	3.4	3.9
Primary Care Physicians	640:1	1,900:1	690:1	820:1	940:1
Food Insecurity OPTUM [™]	16%	13%	11%	9%	11%

Disparities within Communities (At a County Level)

31 2

Recovery, Resiliency and Activation?

SAMHSA's Principles of Recovery

- Recovery emerges from hope
- Recovery is person-driven
- Recovery occurs via many pathways:
- Recovery is holistic:
- Recovery is supported by peers & allies
- Recovery is supported through relationship and social networks
- Recovery is culturally-based & influenced
- Recovery is supported by addressing trauma
- Recovery involves individual, family, and community strengths and responsibility
- Recovery is based on respect

APA's Ten Aspects of Resiliency

- Make connections
- Avoid seeing crises as insurmountable problems.
- Accept that change is a part of living.
- Move toward your goals.
- Take decisive actions.
- Look for opportunities for self-discovery.
- Nurture a positive view of yourself.
- Keep things in perspective.
- Maintain a hopeful outlook.
- Take care of yourself.



Engagement

- Engagement and activation are often used synonymously, but they are two different aspects of a continuum of health, wellbeing, care, and management.
- Engagement is the process by which an and health care systems are able to establish the bond that links health, illness, and wellbeing to a system of care.
- This will include prenatal care for pregnant mothers well baby and ongoing pediatric care for children; primary and specialty care across the adult years; and, palliative care later in life.
- An individual can be engaged and not activated

Activation

Six core elements of activation have been identified by Hibbard (2004) and include

1) Symptom self-management;

2) Engagement in actions that support health and functioning maintenance;

3) Involvement in treatment decision making;

4) Collaboration with health care providers;

5) Critical, performance-based selection of providers; and

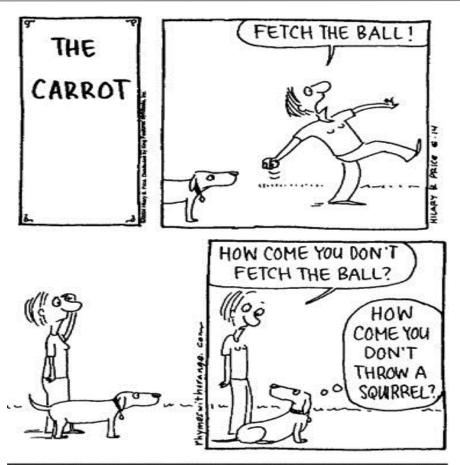
6) Navigation of the provider system.

Fundamental to ...these elements ...also include a patient's beliefs, knowledge, skills, and securing emotional support.



The Art of Activation/Self Care

- ³⁴ Built on trust
 - Starts with the consumer's strengths
 - Based on Stage of Recovery/Change
 - In synch with consumer's own recovery goals and personal preferences
 - Exploration of the best self care/activation tools is done by the consumer themselves often in partnership with a trusted other (especially in the early stages of recovery)



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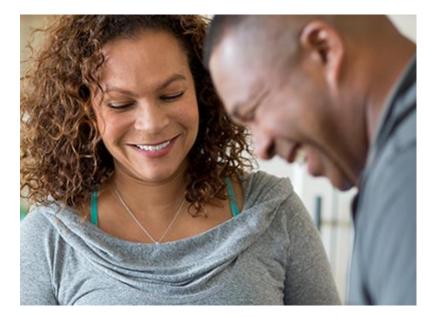
Peers Are Not Just for Behavioral Health

- Cancer Reach To Recovery program
 http://www.healthcare-informatics.com/news-item/monitoring-app-copd-patients-integrates-virtual-coaching
- Chronic Disease Self-Management Program (CDSMP), Arthritis, Diabetes, Chronic Pain, Cancer, HIV/Aids, Mental Health http://patienteducation.stanford.edu/programs/cdsmp.html
- COPD Peers http://www.copd-support.com/index.htm
- Diabetes Peer Coaches
 http://spectrum.diabetesjournals.org/content/20/4/214
- Mended Hearts http://mendedhearts.org/
- Stroke <u>http://peersforprogress.org/learn-about-peer-support/science-behind-peer-support/#CD</u>

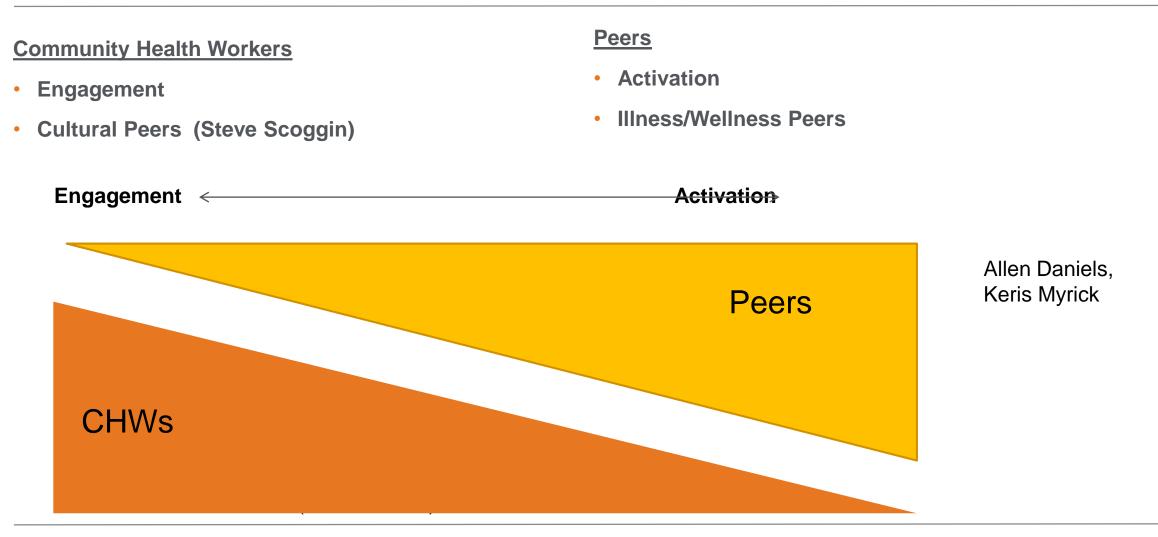
And

Community Health Workers



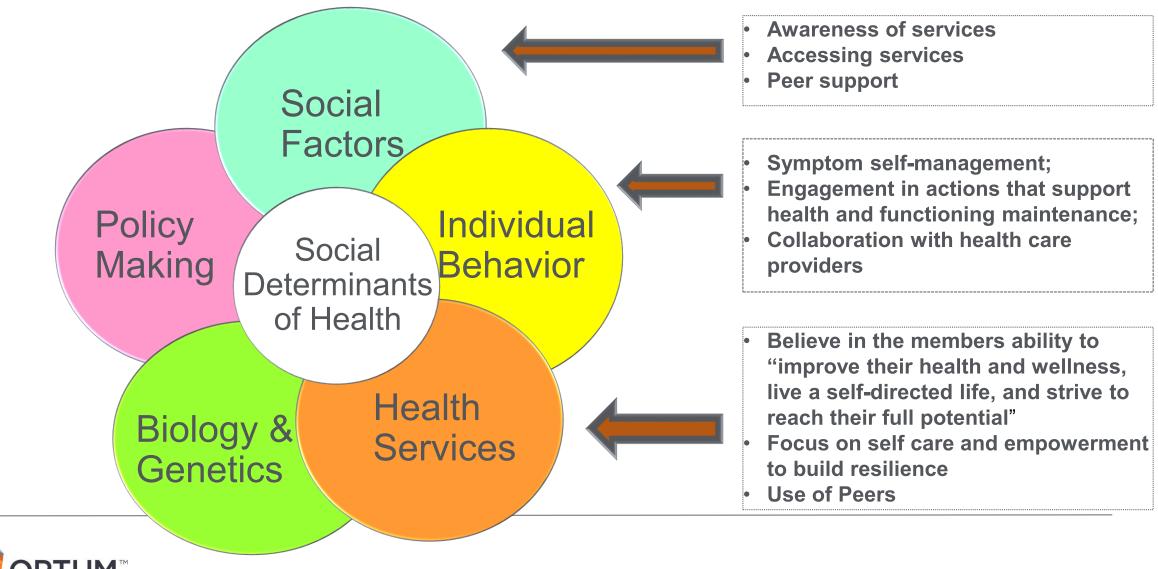


Peers and Community Health Workers?





Activation and Engagement are Central to Recovery and Resiliency and Key to Any Successful Population Health Approach

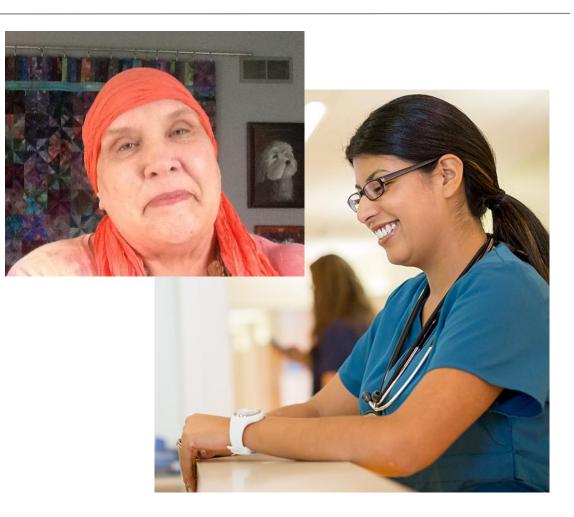


Cancer, Mental Health and Me

³My First Two Chemo Appointments

- First Contact
- First Nurse
- Second Appointment
- Same system, very different experiences based on
 - Belief in my ability to recovery
 - Commitment to empowerment/self care, connection to community (resiliency)
 - Level of peer-ness

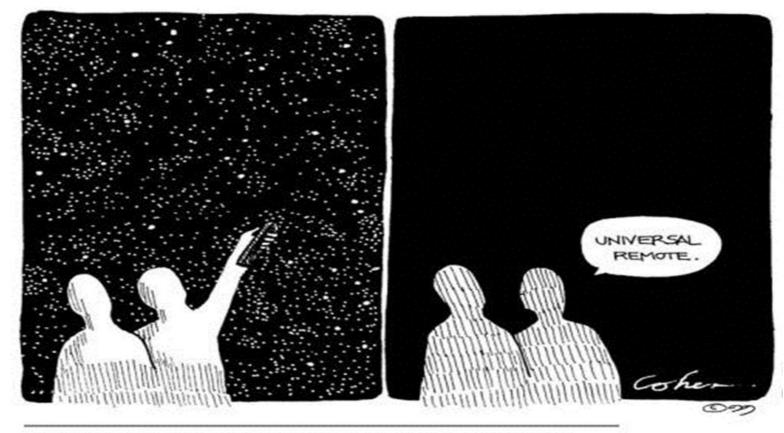






Thank You

susan.bergeson @optum.com



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IBM Watson Health

Behavioral Health Transformation in the Cognitive Era

Kyu Rhee, MD, MPP Vice President and Chief Health Officer IBM Watson Health

32nd Annual Rosalynn Carter Symposium on Mental Health Policy Atlanta, Georgia November 17, 2016





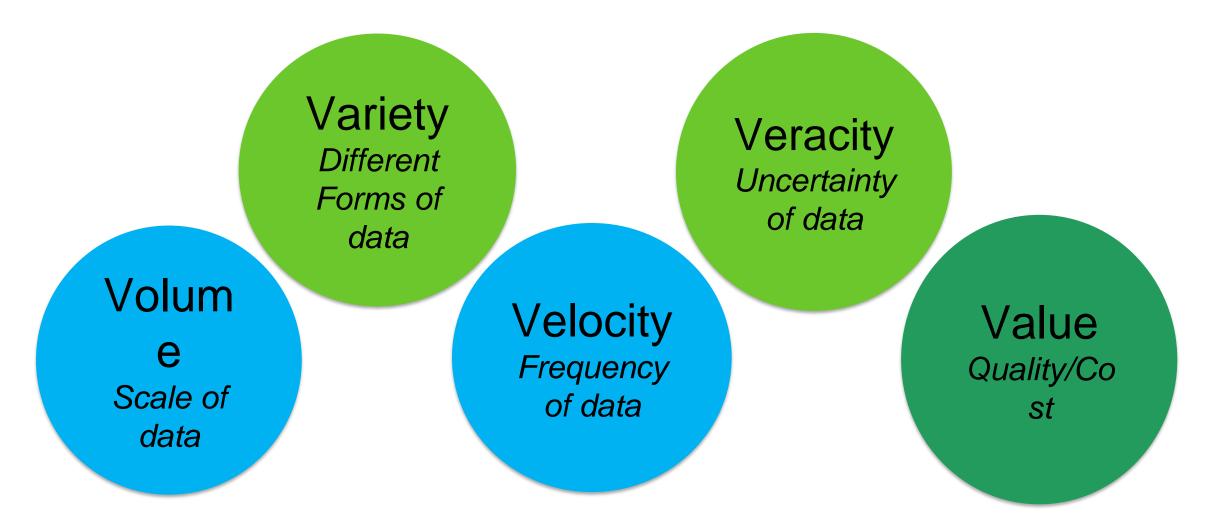


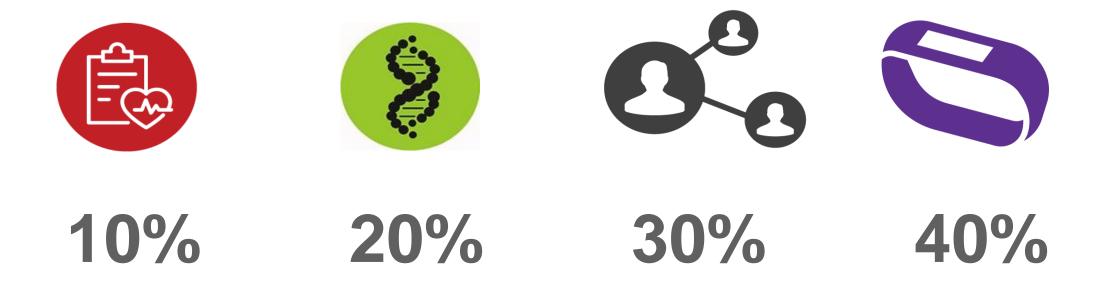
IBM's Commitment to Culture of Health





Opportunity to convert the Vs of Big Data into Value







We are at a historic shift in technology





2 Iller **Cleveland Clinic + IBM Watson**

What is a cognitive system?

Understands Watson can read and understand data – both structured & unstructured – at a massive scale. Reasons Watson can search millions of pages of data and can recognize context and interpret the language of medicine. Learns Watson learns from leading human experts and real world cases and continues to improve over time and experience.

Interacts Previously "invisible" data and knowledge are delivered into actionable insights. Watson interacts with humans and is transparent.



Watson is creating a new partnership between humans and technology to help improve relationships by enhancing, scaling, and accelerating knowledge.

> "AI" = "Augmented Intelligence" and "Actionable Insights"



Let's Work Together





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