

## **Connecting The Trends Health, Value & Digital**

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PREPARED FOR

**The Governance Institute Leadership Conference** October 2023



## **Agenda**

## Health

Value

Digital

**Smart Governance** 





## NOW...Scientific Evidence on Effects of Smoking!

A WEDICAL SPECIALIST is making regular bi-monthly examinations of a group of people from various walks of life. 45 percent of this group have smoked Chesterfield for an average of over ten years.

After ten months, the medical specialist reports that he observed ...

no odverse effects on the nose, throat and sinuses of the group from smaking Chesterfield.

MUCH MILDER IS BEST FOR YOU

First and Only Premium Quality Cigarette in Both Regular and King-Size **CARETTES** CONTAINS TORACCOS OF BETTER QUALITY AND MODES TRICK SHAM ANY OTHER KING-SIZE CICARETTE



According to a recent Nationwide survey:

## More Doctors smoke Camels THAN ANY OTHER CIGARETTE

D<sup>OCTORS</sup> in every branch of medicine—113,787 in all—ware specied in this nationality study of organites professors. These leading nowards negamintons made the servey. The got of the query war-What eigentto the you stooke, Ductor?

The broad named want time Camel

The rich, full flavor and end mildows of Canal's reports blend of coeffer tobaccon ment to have the none appeal to the meeding tower of dunters as to million of other makers. If you are a Canal smaller, this perference pound flurers will handly surpside you. If you're not - well, try Cataola none,

Your "I-Zone" Will Tell You... I for Tuels . . . I for theost ... ther's year proving present for may observable See if Camela don't sell pror CAMELS Costlier Tobaccos

APEL INS

## **Change is Slow - The Health Consequences of Smoking**

#### BRITISH MEDICAL JOURNAL

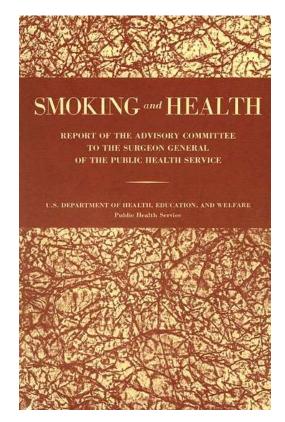
LONDON SATURDAY SEPTEMBER 30 1950

SMOKING AND CARCINOMA OF THE LUNG PRELIMINARY REPORT

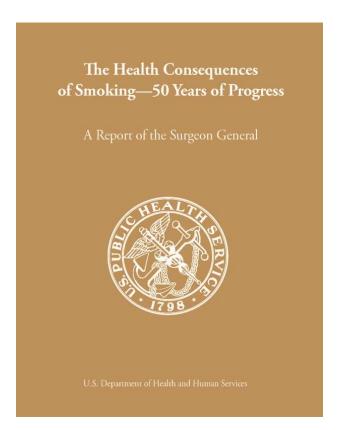
RICHARD DOLL, M.D., M.R.C.P.

A. BRADFORD HILL, Ph.D., D.Sc.

In England and Wales the phenomenal increase in the number of deaths attributed to cannot of the Inguille and the Medical Research Council of the Inguille of Inguille of



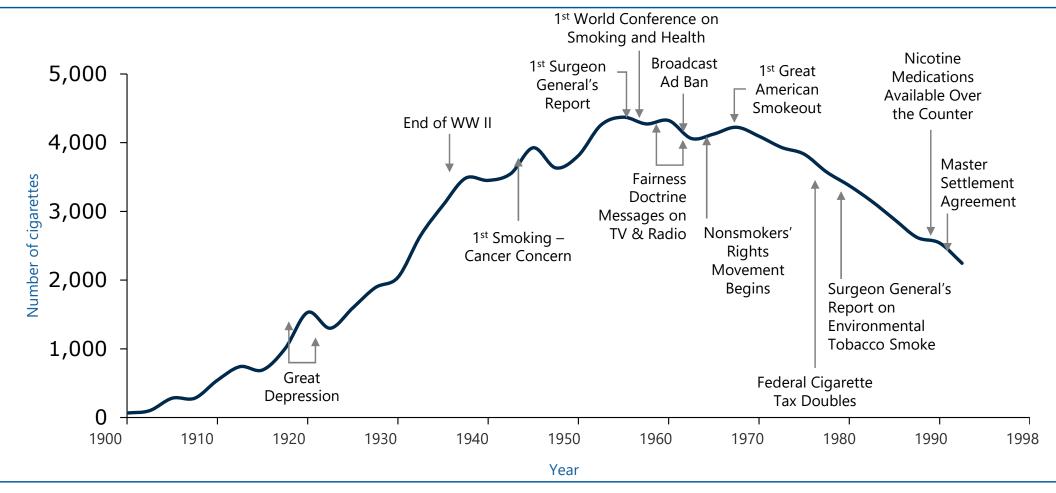
1964



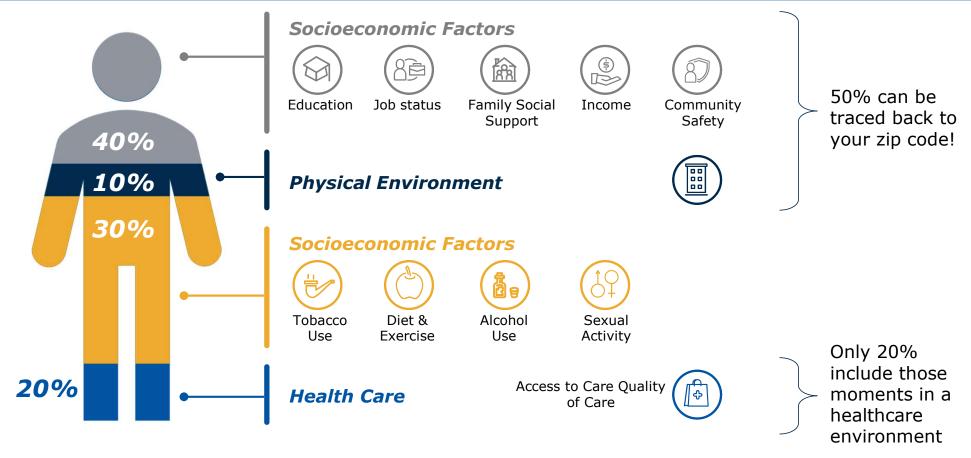
2014

1950

## **Cigarette Consumption per Capita**

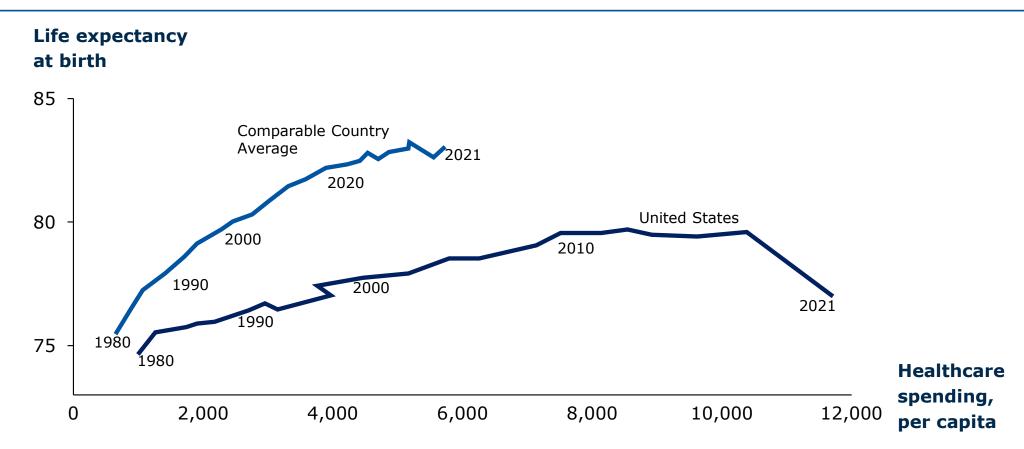


## **Improving Health Requires Addressing The Real Issues**



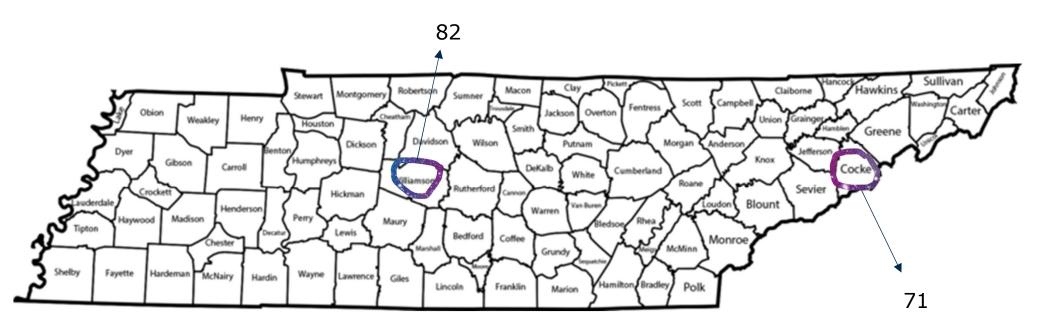
Source: Institute for Clinical Systems Improvement, Going Beyond Clinical Walls: Solving Complex Problems

# **Current State is Concerning...And We Are Moving In the Wrong Direction**



Source: KFF analysis of CDS, OECD, Japanese Ministry of Health, Labour, and Welfare, Australian Bureau of Statistics, and UK Office for Health Improvement and Disparities data

### **Location Matters**



https://www.rwjf.org/en/insights/our-research/interactives/whereyouliveaffectshowlongyoulive.html

## **Population Health Is A Different Business**

	Fee-for-Service	Population Health	
Customer	People who are admitted (or use outpatient services)	Everyone who pays for coverage or is enrolled in a plan/program	
Revenue	Paid per unit of service	Monthly fixed amount	
Expenses	Primarily labor and facilities	Healthcare services	
Data Systems	Cost accounting and billing	Predictive models and care management	
Key to Success	Keep occupance high and expences low	Increase management and monitoring to reduce unnecessary care	

## **Agenda**

What Is Health

## **Value**

Digital

**Smart Governance** 



## **Payment Is SLOWLY Encouraging The Business Model To Shift**

#### Volume of Services Provided

#### **Value Based Payments**



Fee For Service (FFS)

- **Quality**
- ♠ Patient Experience
- Cost

Pay for Performance





(ACO Model)

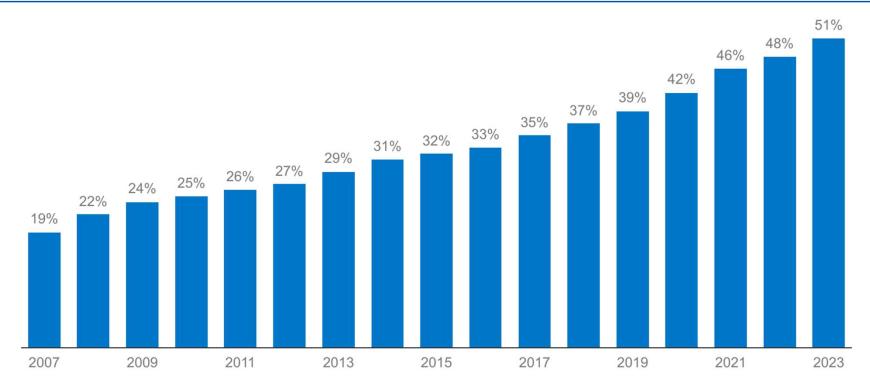


	FFS	Link to quality & Value	APMS built on fee-for-service architecture	Population- based payment
CY 2017	41%	25%	30%	4%
CY 2021	40%	20%	33%	7%

## **How To Understand The Difference Between FFS Revenue vs. ACO Revenue**

	Total	Per Capita/Use Rate	% of Medicare Beneficiaries That Use Service
Attributed Lives	20,000		
Cost of Care	\$230M	\$11,500	
Hospital Spend	\$58M	\$2,900	
Hospital Use	6,000 Admits	300/1000	19%
Post Acute	\$30M	\$1,500	5%
Primary Care	\$10M	\$500	78%

# Patients Are Slowly Choosing Value MA Enrolment Increasing

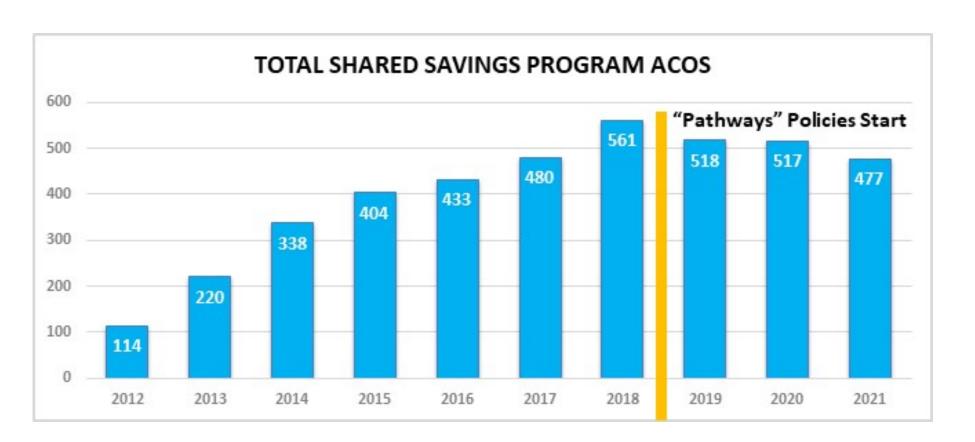


NOTE: Enrollment data are from March of each year. Includes Medicare Advantage plans: HMOs, PPOs (local and regional), PFFS, and MSAs. About 60.0 million people are enrolled in Medicare Parts A and B in 2023.

SOURCE: KFF analysis of CMS Medicare Advantage Enrollment Files, 2010-2023; Medicare Chronic Conditions (CCW) Data Warehouse from 5 percent of beneficiaries, 2010-2016; CCW data from 20 percent of beneficiaries, 2017-2020; and Medicare Enrollment Dashboard 2021-2023.



## **Orginzations Are Slowly Moving Into Value**



## Fee For Service Strategies Can Support Transitioning to Value-Based Care

Focused on better supporting physicians

Doing a better job of managing beneficiaries with costly or complex care needs Managing relationships with skilled nursing facilities and home health by creating lists of preferred providers and doing warm handoffs into and out of post-acute care Using technology to improve care coordination and overcome interoperability issues.















Improved patient relationships, including increasing the number of annual wellness visits

Managing hospitalizations, working to reduce avoidable hospitalizations, and finding alternatives to the emergency department

Working to address behavioral health needs and the social determinants of health

## **Agenda**

Health

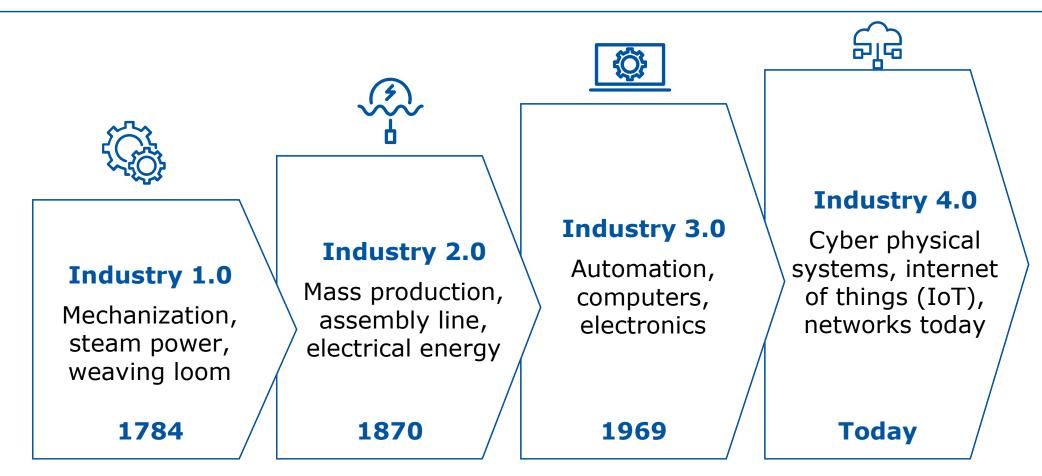
Value

## **Digital**

**Smart Governance** 



## We Are In The Midst of A Digital Industrial Revolution



## **Digital Health Requires Significant Capabilites**



#### Layer of engagement

Systems of consumer and patient engagement (e.g., search, wearables, ecommerce, behavioral health aps, IoT)



#### Layer of intelligence

Systems to convert data elements into insights and intelligence to inform or drive actions



## Layer of infrastructure

Systems of data capture, curation management, and interoperability

Source: McKinsey



## Supports payment and financing

- Payment structuring and financing
- Digital and automatic payments
- Savings accounts
- · Benefits/insurance coverage



## Leverages support services

- Transportation service
- · Faith institutions
- Community
- Family
- State assistance



Providergenerated data

**Financial** 

data

**HEALTH plan platform** 

Patientgenerated clinical data

Social

structure

data



## Connects consumers with traditional modalities of care

- Pharmacy
- Hospital
- Ambulatory clinic
- PCP/specialist
- Care team coordination
- Diagnostic tools & support
- st Schedulina
  - Quality

Health and wellness data



Tracks daily life activities

- Nutrition
- Fitness
- PT & Rehab

- Integrates home, near-home, and virtual care services
  - Self-service solutions
  - Monitoring tools
  - Compliance & adherence tools
  - Home health
  - Virtual care
  - Retail clinics

## **AI Has Been In Development For Decades**

#### A timeline of notable artificial intelligence systems

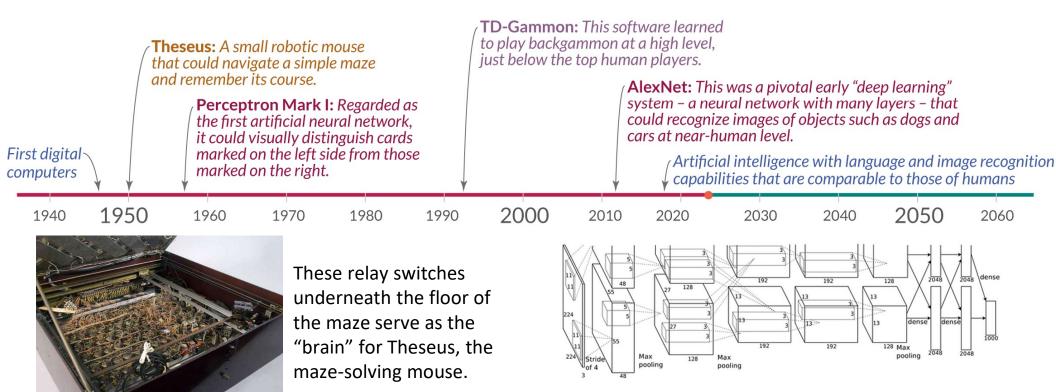


Illustration of AlexNet's architecture

## **Agenda**

Health

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Digital

## **Smart Governance**



## **Acceptance Is The First Step At Moving Forward**



### **Denial**

- Wrong data
- Better care



**Anger** 

- EHRs
- Burnout



## **Bargaining**

- Sicker patients
- Defensive medicine



### **Depression**

- End-of-life care
- SDOH



### **Acceptance**

- Practice pattern
- Prices

## **Population Health Uptake Varies by Market**

High

**Total Cost of Care** 

Low

#### "Dealer's Choice"



**State Regulation:** Dominant health system may choose to move market to population health or remain fee for service

Physician Stance on Value-Based
Contracting: Markets with little opportunity
to reduce TCOC and limited competition will
tend to remain fee for service



"Steady Fee for Service"

"Moving to Population Health"



Employers Seeking Direct Health System
Contracts: Markets with good opportunity to
reduce TCOC and high competition will tend to
transition quickly to population health

Consumers Demanding More Value and Convenience: Markets may stay fee for service or move to population driven by strategic choices of multiple health systems and payers

"Wild Cards"

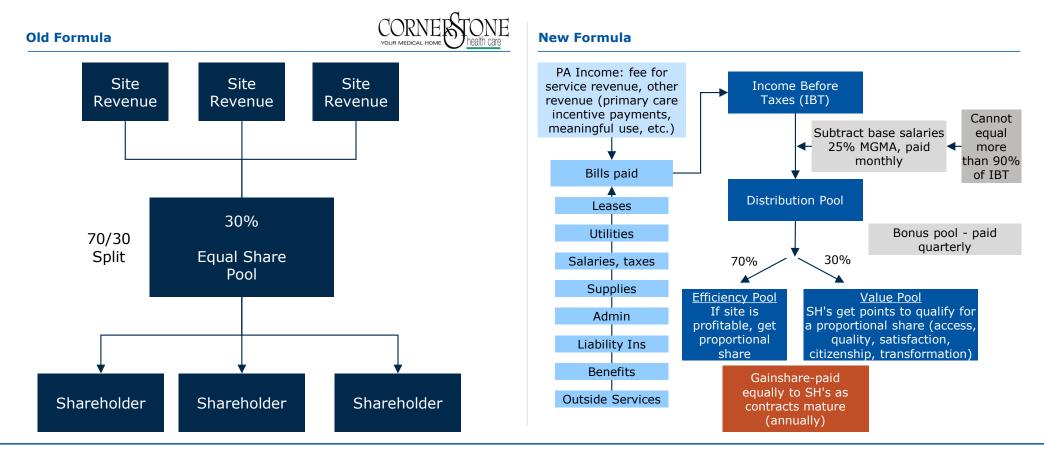
**Level Competition** 

High

Low

## **A Cautionary Tale...Cornerstone Health Care**

Value-based compensation formula implemented



## What Happened?

# Doctors sue Cornerstone for breach of contract, financial damages

By Paul B. Johnson ENTERPRISE STAFF WRITER Feb 8, 2

# Wake Forest Baptist completes purchase of Cornerstone Health Care of High Point

By Richard Craver Winston-Salem Journal May 3, 2016 (0)

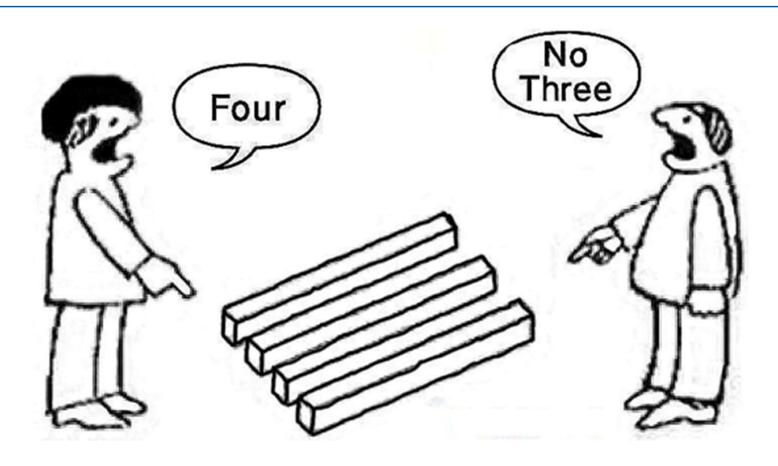
SECTIONS TO HOME Q SEARCH The New York Times

BUSINESS DAY

Cornerstone: The Rise and Fall of a Health Care Experiment

By REED ABELSON DEC. 23, 2016

## **Perspective Matters**



## **Key Questions For Governance**

- How can we get clarity on our goals and develop governance to monitor progress?
- Is digitial a strategy or an enablement of strategies or both?
- We are 10 years into a transition cycle that could be 20+ years. What is the rate of change in our market?
- How developed are our operations to support value care delivery?
- What is ability to managing performance risk?
- Do we have governance and management to successfully manage for both volume and value?



# THANK YOU

