

アメリカの医療経済

JAMSNET WORLD

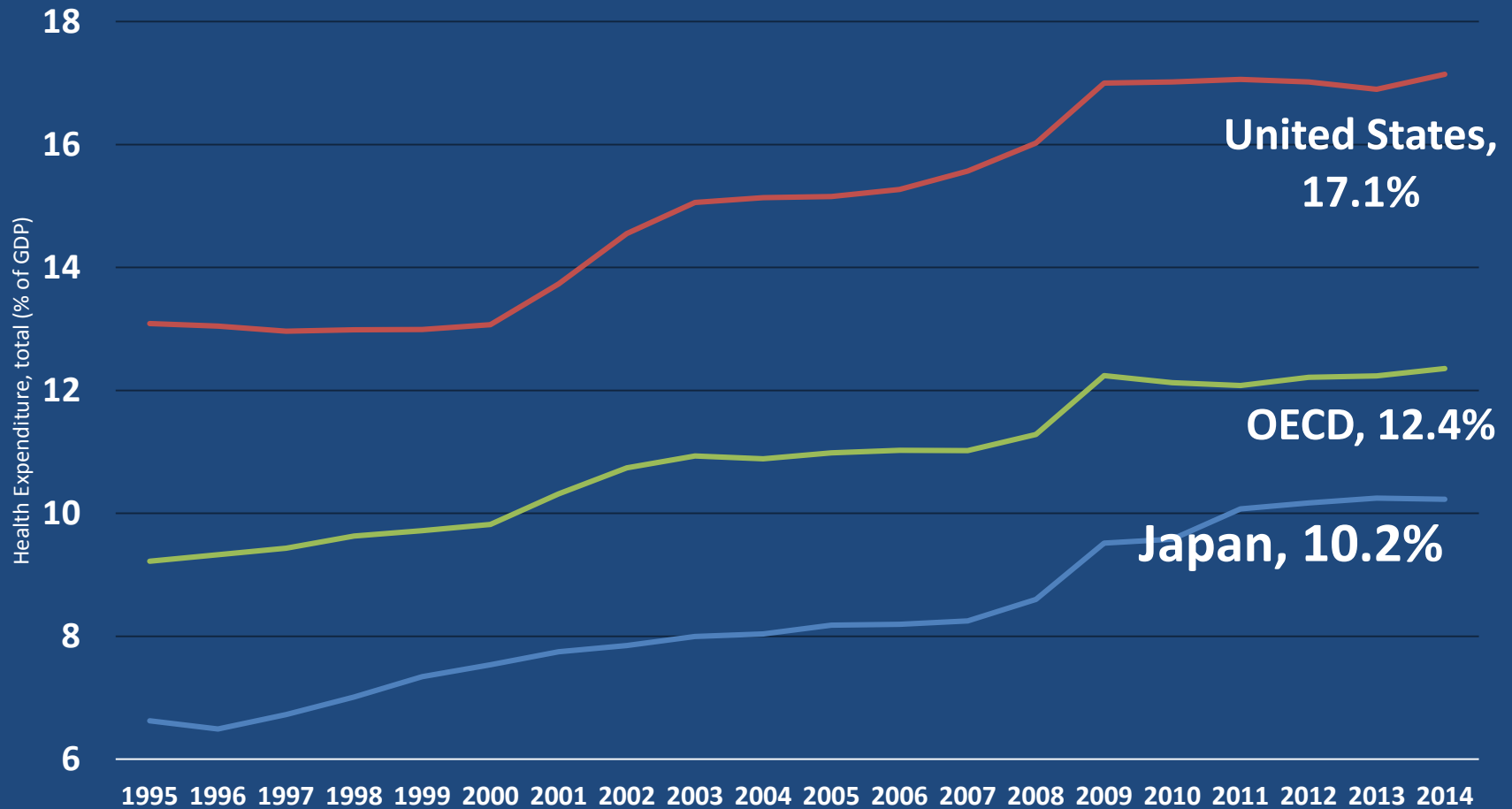
Shunichi Homma, MD, FACC

**M. M. Hatch Professor of Medicine
Chief Medical Officer**

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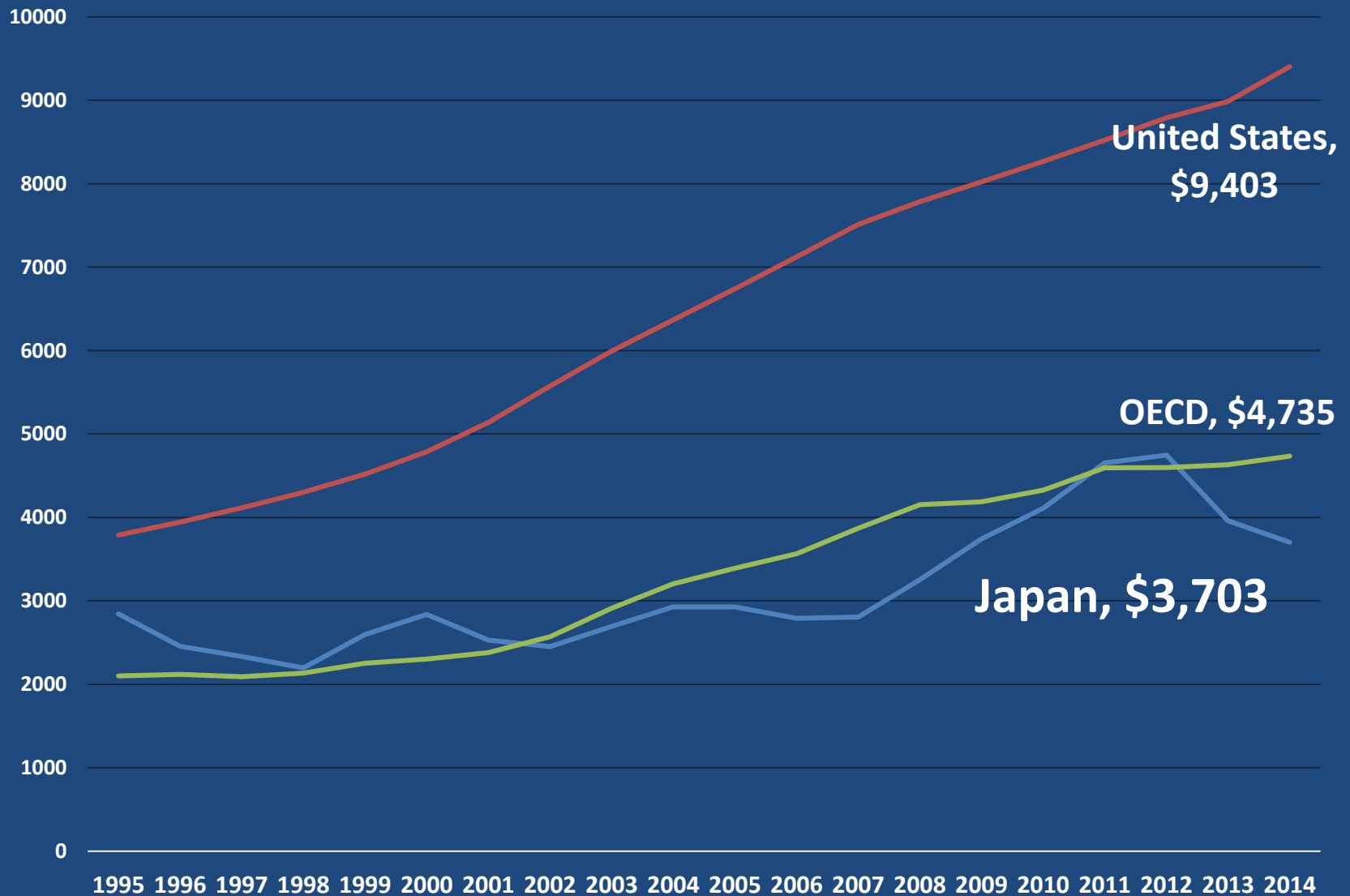
New York, USA

GDPに占める医療費

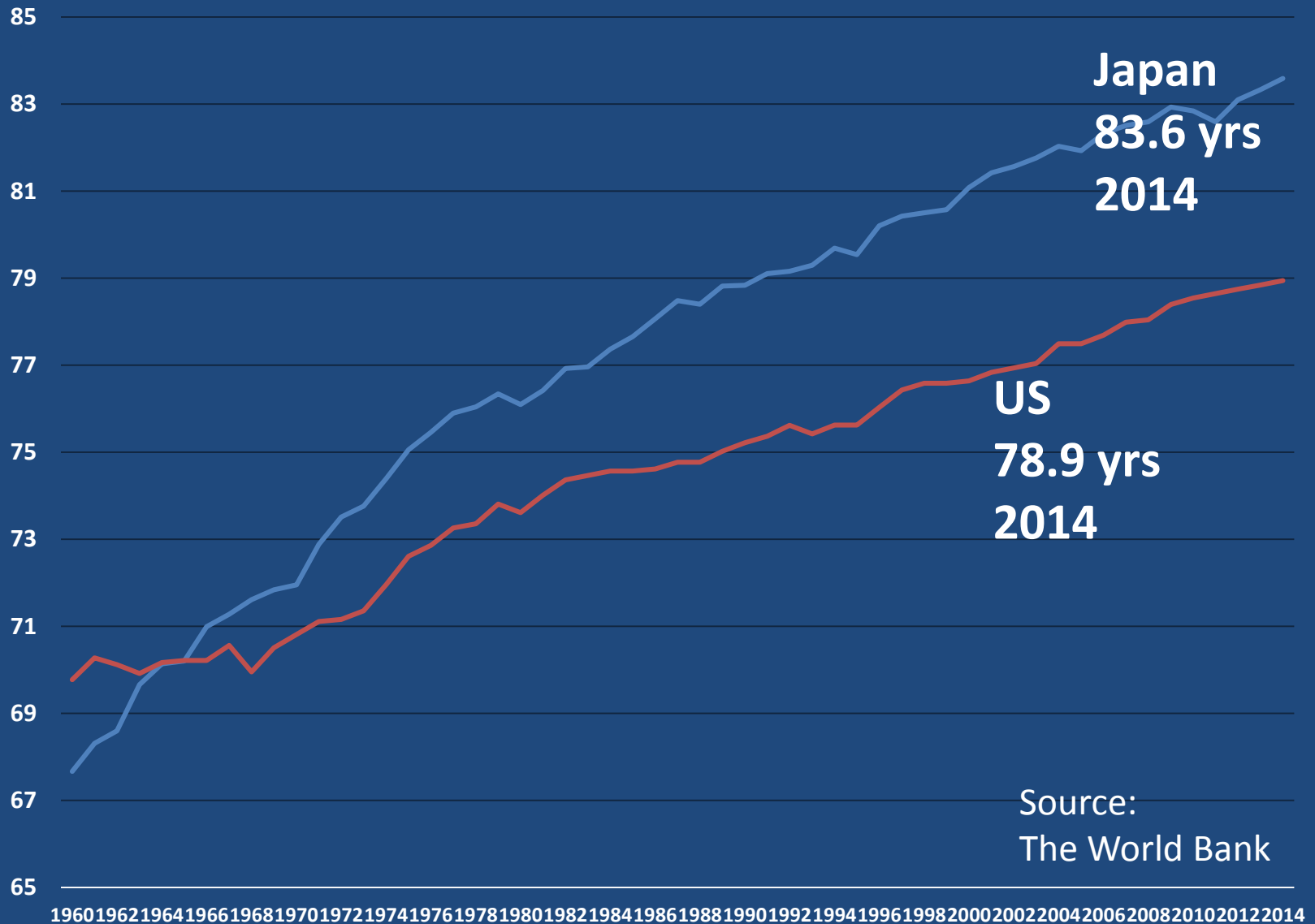


Source: World Bank

国民一人当たりの医療費

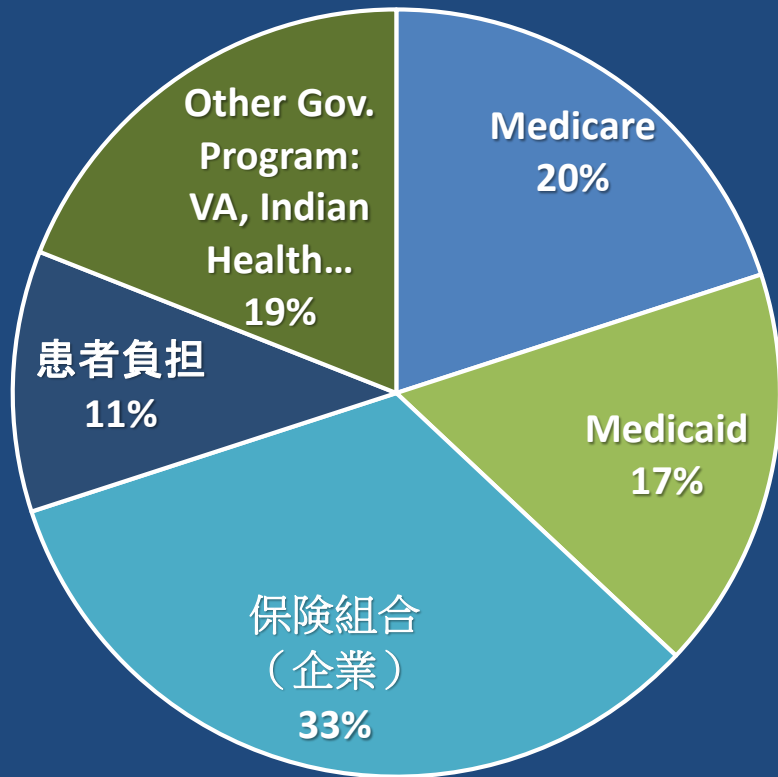


出生時平均余命

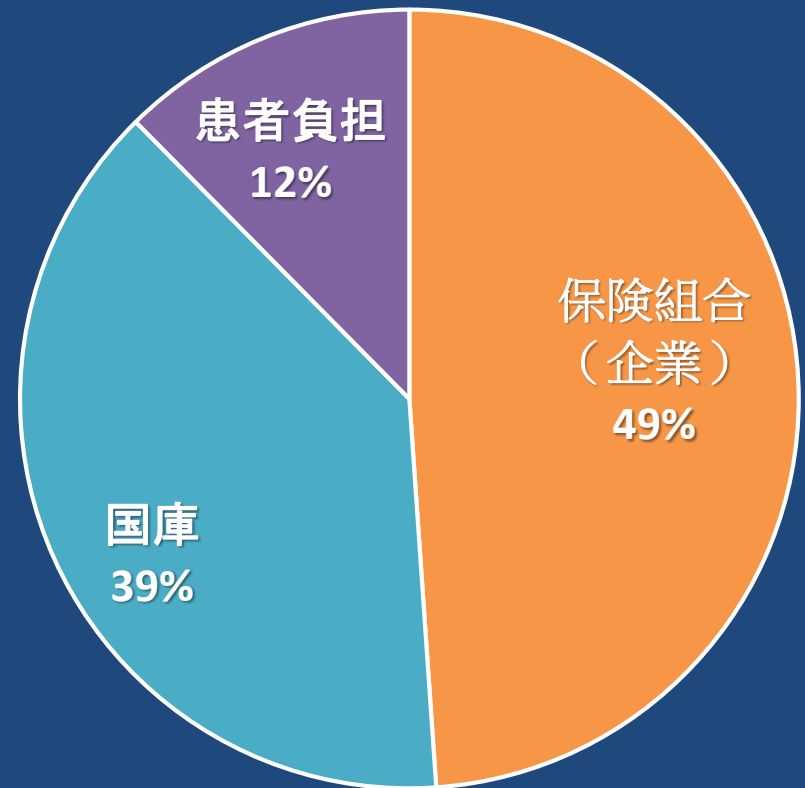


医療費の財源構造

US 2015



Japan 2011



US System

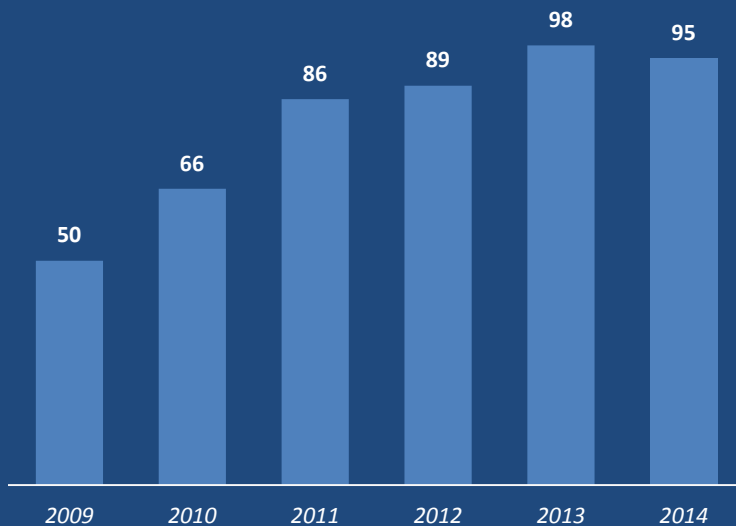
- Medicaid
 - 低所得者
 - 連邦政府と州政府からの出資
- Medicare
 - >65 yo
 - 連邦政府からの出資
- 民間保険
 - Self insured
 - 保険会社(ie Aetna, United, etc.) がエージェント
 - Fully insured
 - 医療費は保険会社が支払う

なぜアメリカの医療費は高い？

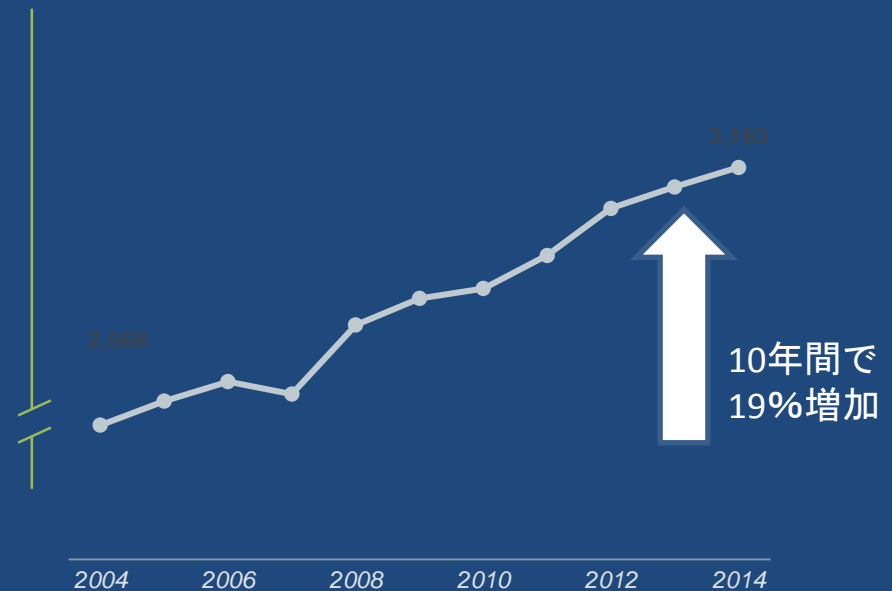
- 民間保険では Price Control for commercial programs
 - No guideline Fee for service
- 出来高払い
 - 医療行為の数↑ = 収入↑
- 自由競争の欠如
 - 系列病院化・保険会社の巨大化
 - 医療費の値段設定の透明性の欠如

病院組織の合併の増加

病院の合併 *Total Deal Volume*



病院系グループの 全病院に占める割合

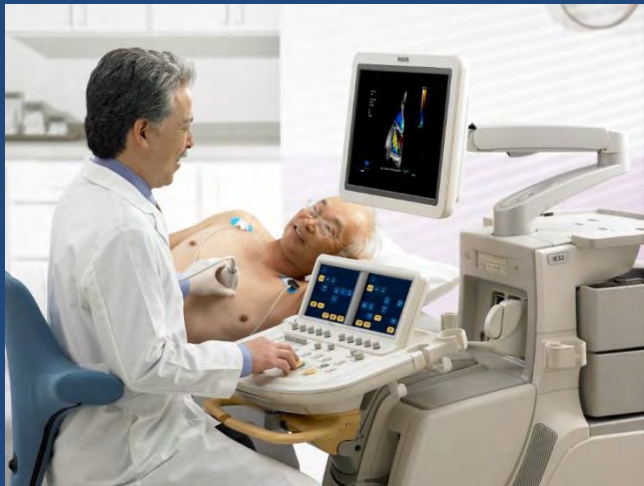


民間保険での保険点数

- 交渉
 - 30 plans, each every 3 years
- 高い管理・事務費
 - 交渉担当部署
 - 医療費徴収担当部署

US Cost of Cardiac Ultrasound

RETAIL	MEDICAID	MEDICARE	民間
\$1,300	\$180	\$260	\$400-700



日本のGDPと医療費の推移

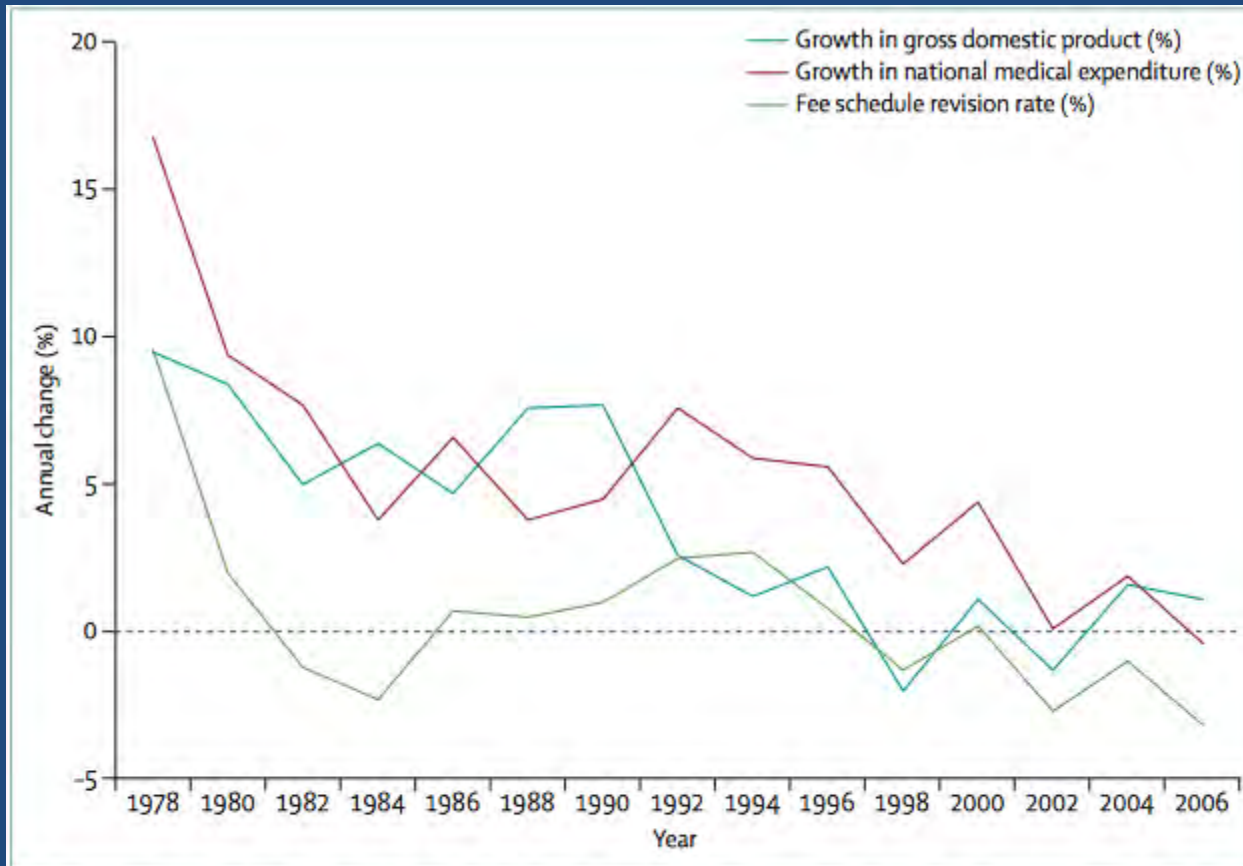
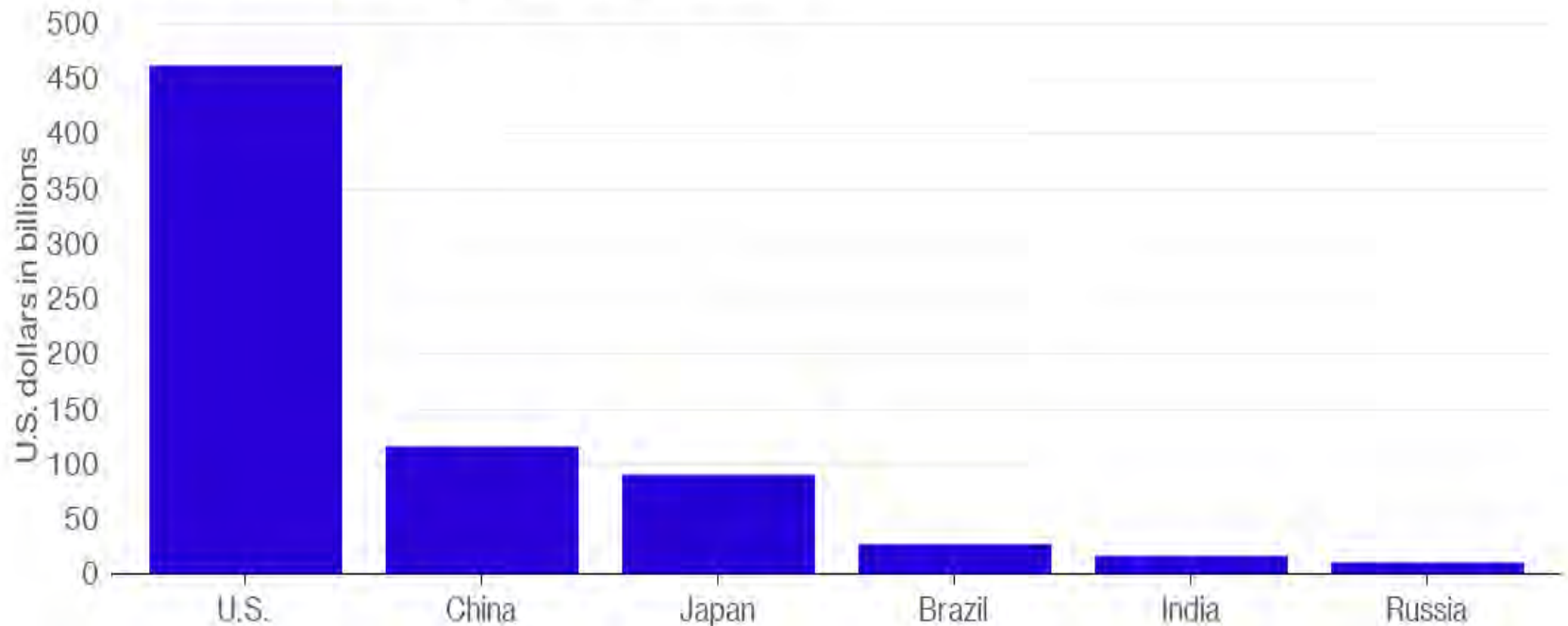


Figure 1: Annual changes in gross domestic product, national medical expenditure, and global revision rate of the fee schedule in Japan, 1978–2006

薬価

The Big Three

Japan is the world's third largest drug market

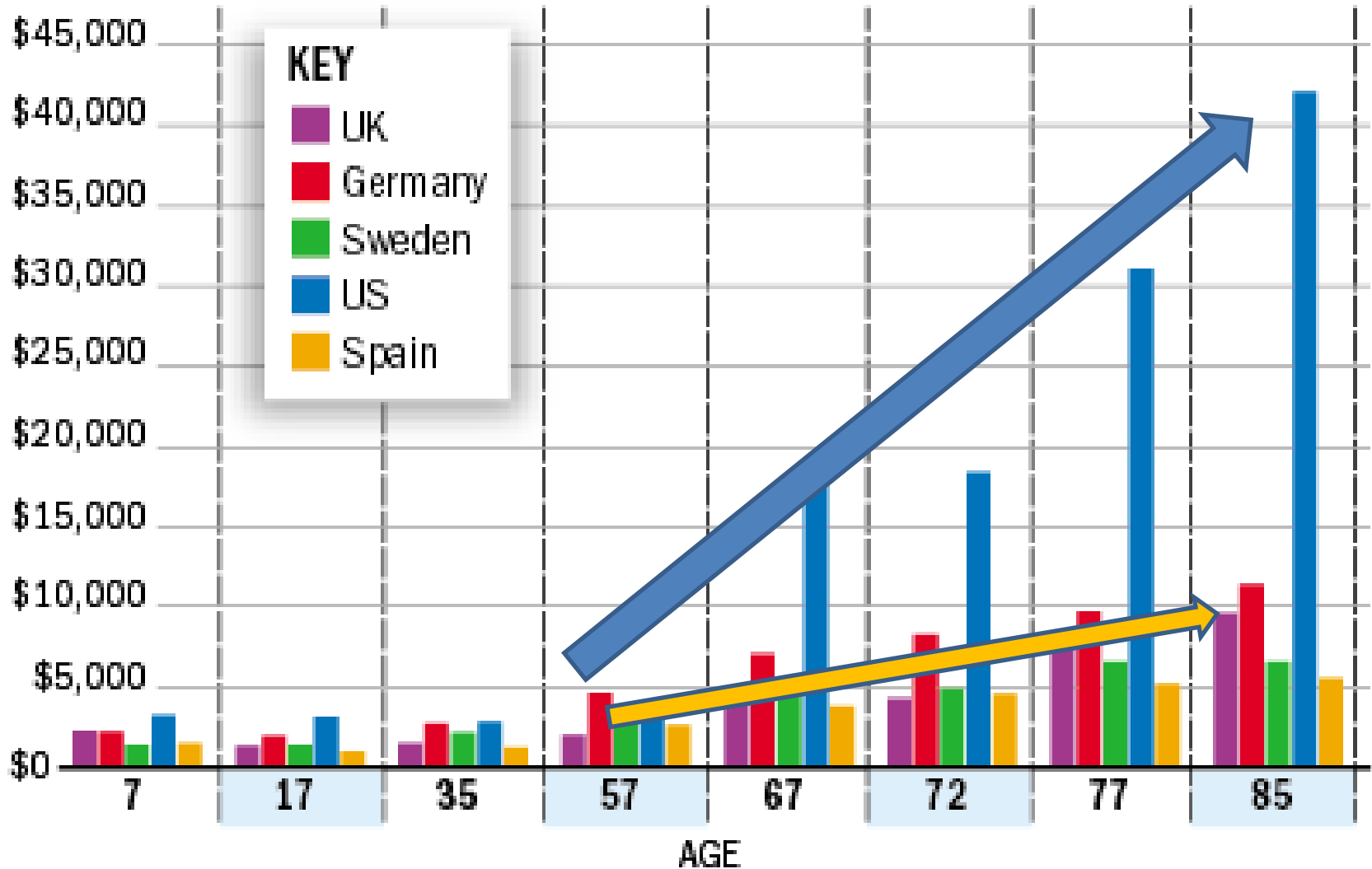


QuintilesIMS Institute
Medicine spending in 2016

Bloomberg 

Health care costs: U.S. spends more for elderly

Annual per capita healthcare costs by age



Source: Paul Fischbeck, Carnegie Mellon University James Hilston/Post-Gazette

医療費抑制の仕組み

- **医療機関のコスト削減**
 - ACO (Accountable Care Organization)
 - Medicareの診療報酬支払のスケジュールの改正 (MIPS- Merit-Based Incentive Payment System)
 - 医療費に上限を定めるモデル

How Does Medicare ACO Work?

1



Assignment

Patients assigned to ACO based on plurality of primary care services

2



Billing

Providers bill normally, receive standard fee-for-service payments

3



Comparison

Total cost of care for assigned population compared to risk-adjusted benchmark

4



Shared Savings

Shared savings paid based on variance of expenditures from benchmark and **quality performance**

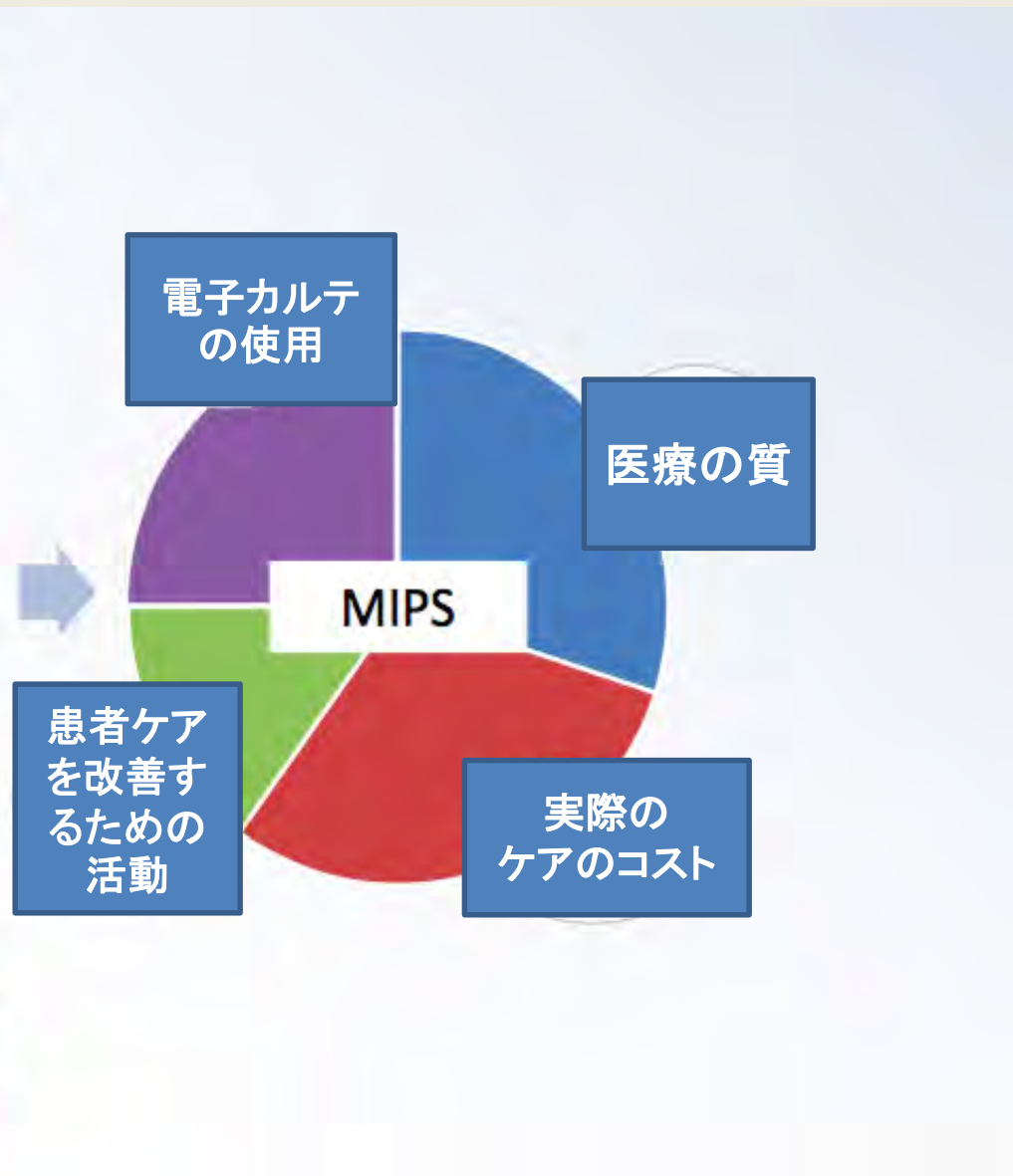
5



Distribution

ACO responsible for dividing bonus payments among stakeholders

Medicare の診療報酬



左の4指標で
総合的にスコア化

施設ごとに
診療報酬が±4%

アメリカの無保険者

- ≥ 65 歳
 - 100% by Medicare
- < 65 歳
 - 民間保険 56%
 - Medicaid 25%
 - 無保険者 - 18% in 2013

Source: CDC 2015

無保険者を減らす試み

Affordable Care Act

“Obama-care”

- Medicaidに加入できる収入の上限の引き上げ
- 中低所得に対する医療保険加入のための補助金
- 慢性疾患を理由とした保険加入拒否の禁止
- 生涯保険使用額制限の撤廃
- 26歳以下は親の保険に加入できることとした

オバマ・ケアの結果

The nation's uninsured rate has plummeted



NOTE: 4.2010-SEPT, RATE FOR NON-ELIGIBLE RESIDERS; SOURCE: NATIONAL HEALTH INSURANCE SURVEY, DOE

オバマ・ケアのその後

(7/28/'17時点)

- 下院 – 217/213
- 上院 – 51/49

(52 共和党, 48 民主党)



Aggregate Health Care and Social Service Spending by Country

Source: OECD Health Data 2009, Social Expenditure Dataset (Paris, France: OECD, 2009)

Health and Social Care Spending as a Percentage of GDP

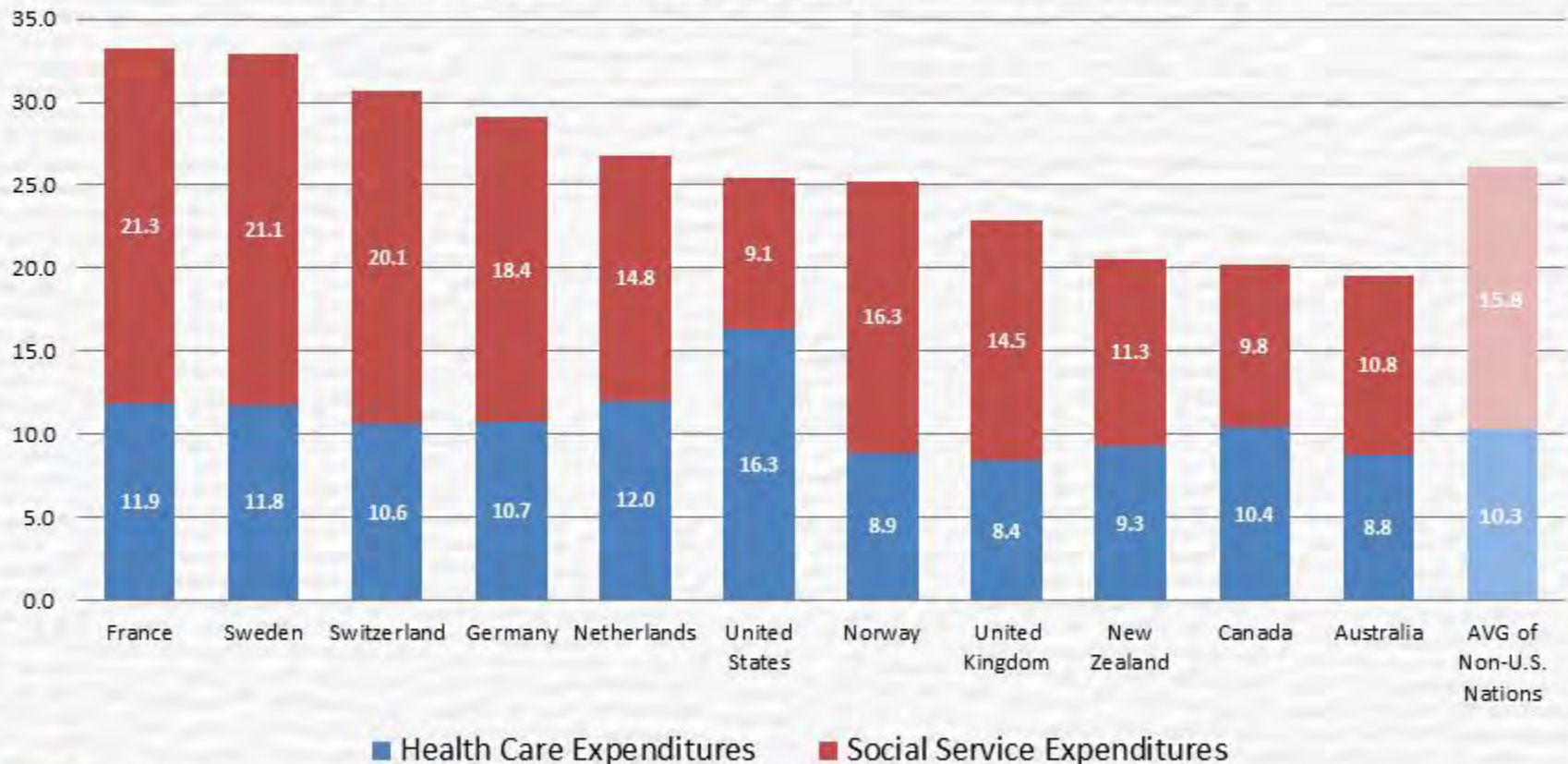
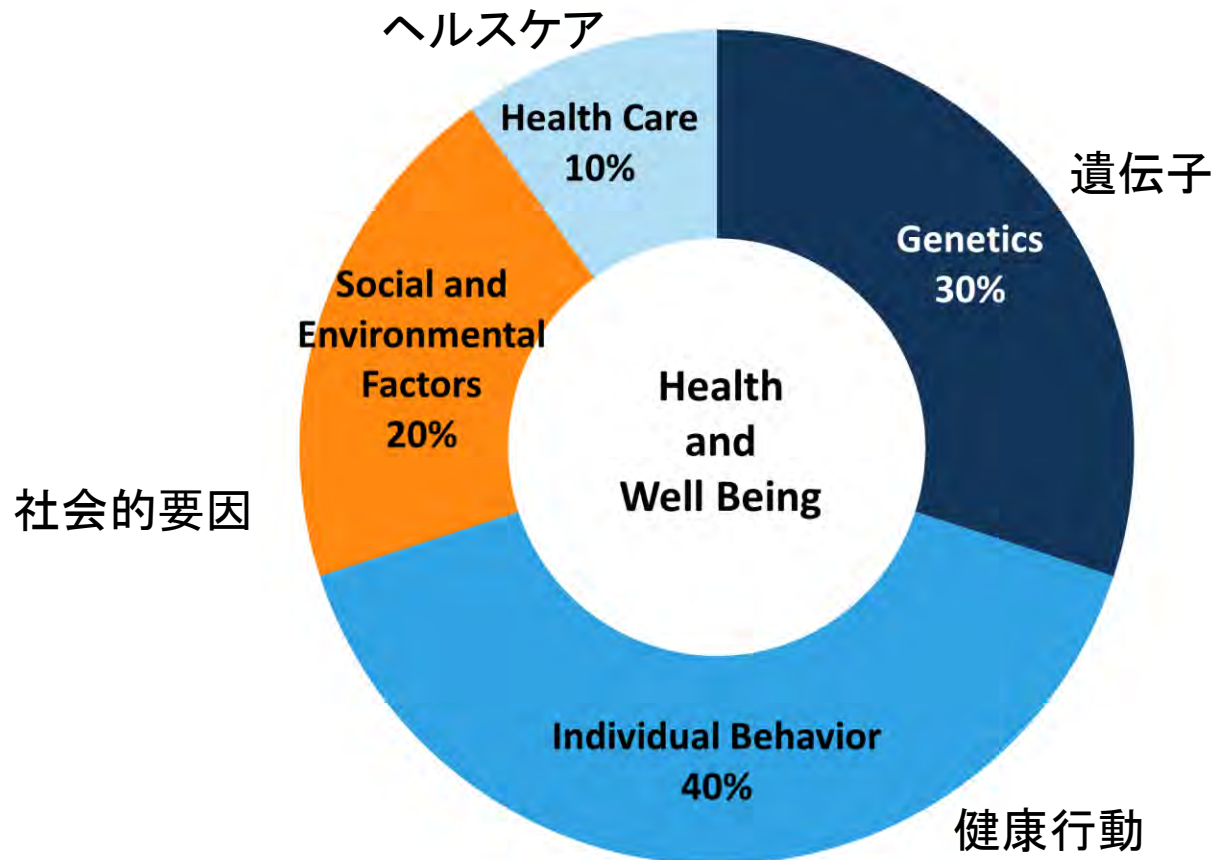


Figure 1

Impact of Different Factors on Risk of Premature Death



SOURCE: Schroeder, SA. (2007). We Can Do Better — Improving the Health of the American People. *NEJM*. 357:1221-8.

BUT WHY ARE OUR HEALTH CARE COSTS HIGHER THAN OTHER COUNTRIES?...

...WHO SAID THAT?...



WALT
HANDLISMAN
Newsday

Other Issues

- **Medical Malpractice – 医療過誤保険**
 - \$20,000 to >\$100,000
- **Health IT Cost**
 - EMR (electronic medical record)

Quality Issues

- **Training program certification**
 - ACGME (Accreditation Council of Graduate Medical Education)
- **Specialist certification**
 - ABIM (American Board of Internal Medicine)

Columbia University

