Advancing Health

The Role and the Contribution of Non-governmental Organizations

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'We've moved a few things around. Travel books are in the Fantasy section, Politics is in Sci-Fi, and Epidemiology is in Self-Help. Good luck.'

Making sense of the big picture :

10,701,193 people have tested COVID-19 positive in India
Johns Hopkins Global Dashboard
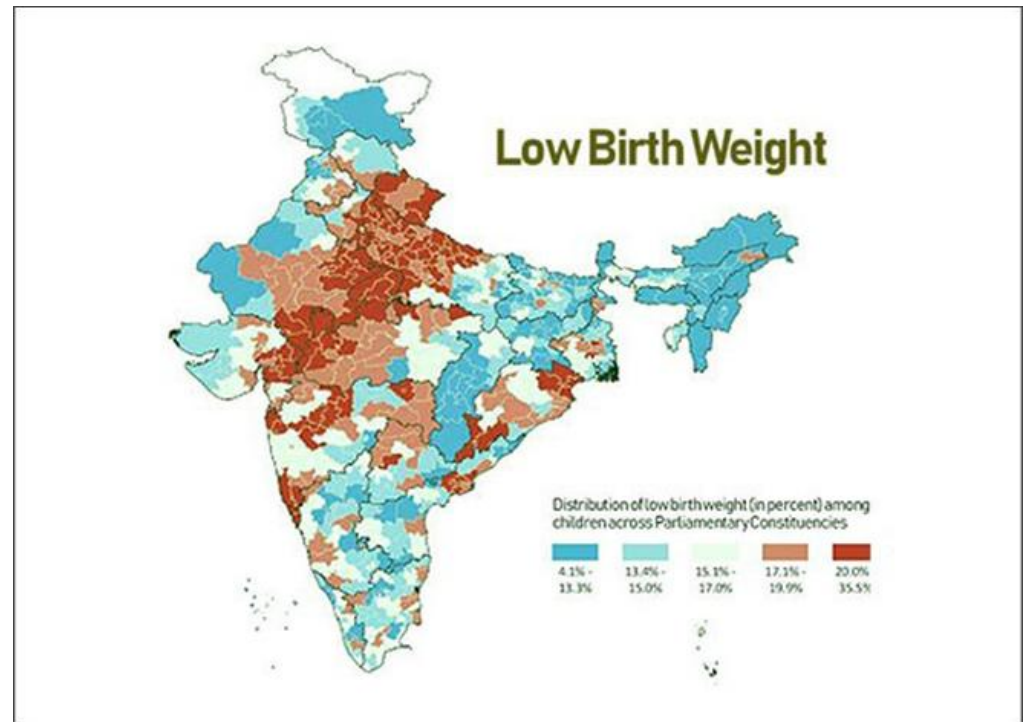100,908,992 people have tested COVID-19 positive worldwide
28th January, 2020

What I hope to share with you today

- That data reveals it's a changing India
- How has 'health' as a sector positioned itself in this growth story?
- Health : the components and the growing understanding
- Valuation of health in individual lives and collective productivity?
- Who have been the key contributors?
- The historical first steps & the service scape of the non-governmental organizations
- Niti Ayog: Health Index ranking states India
- Post COVID 19 is there an emerging space for visualizing a healthier India?

That data reveals it's a changing **INDIA**

- Mortality

- Epidemiological Transition

- Double Burden of Disease

Low Birth Weight

Distribution of low birth weight (in percent) among children across Parliamentary Constituencies

| 4.1% – 13.3% | 13.4% – 15.0% | 15.1% – 17.0% | 17.1% – 19.9% | 20.0% – 35.5% |

India's population stands at 1.36 million with 22% below the poverty line

Source: NITI Aayog
Experts group of estimation of poverty

Infant Mortality Rate

India (1960) **161**

India (1980) **114.5**

India (2000) **66.7**

INDIA

India (2019) **28.3**
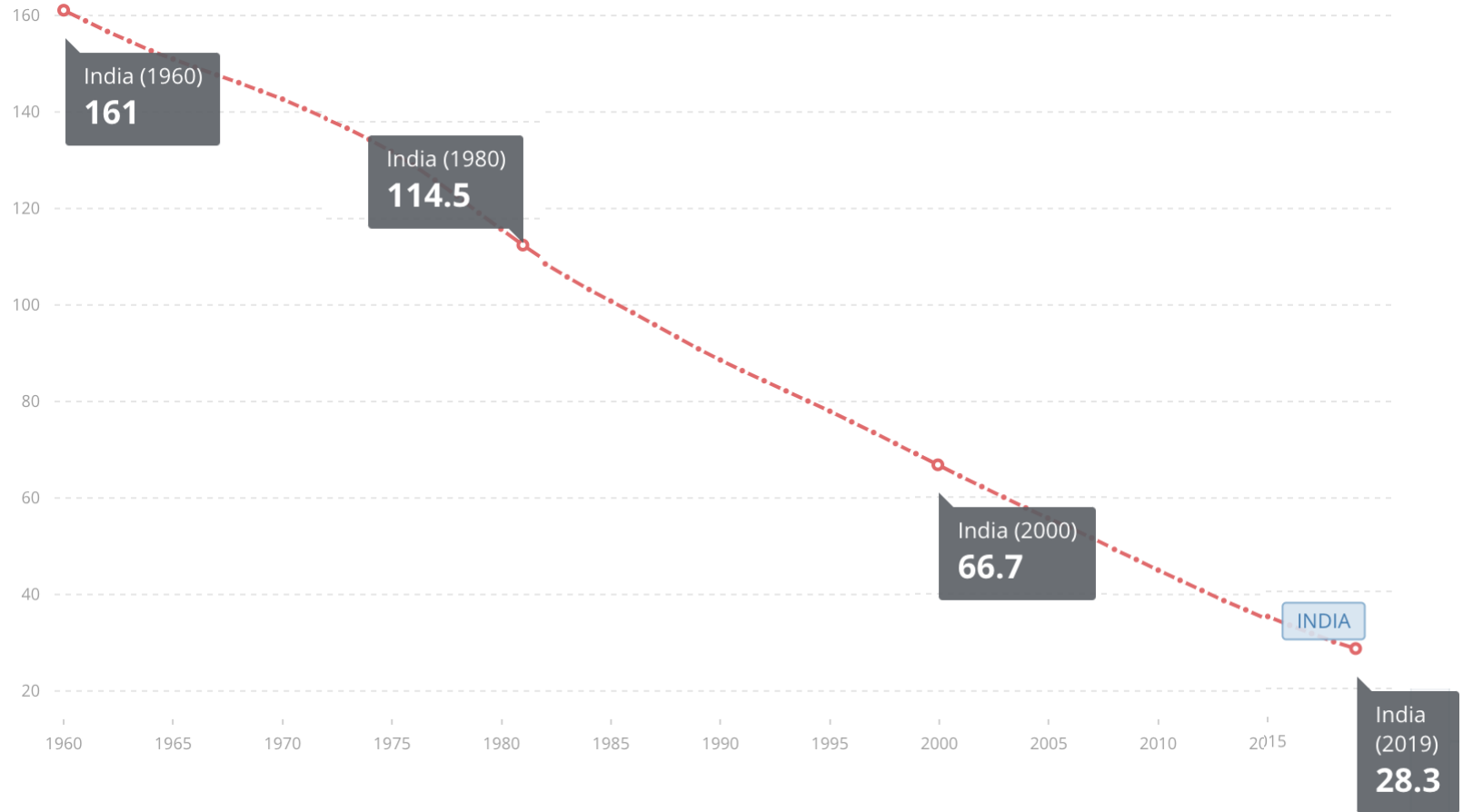
How has 'health' as a sector positioned itself in this growth story?
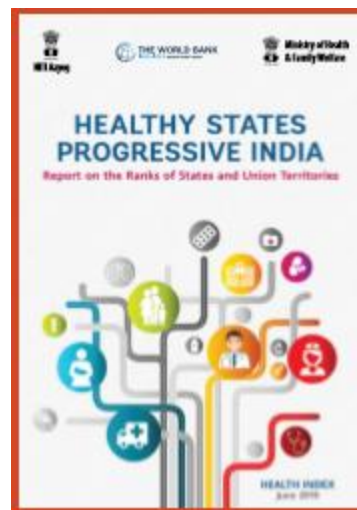
TABLE 2.2 Health Index Summary

| Domain	Sub-domain	Larger States		Smaller States		Union Territories	
		Number of Indicators	Weight	Number of Indicators	Weight	Number of Indicators	Weight
Health Outcomes	Key Outcomes	5	500	1	100	1	100
	Intermediate Outcomes	5	250	5	250	4	200
Governance and Information	Health Monitoring and Data Integrity	1	70	1	70	1	70
	Governance	2	60	2	60	2	60
Key Inputs/ Processes	Health Systems/ Service Delivery	10	200	10	200	10	200
TOTAL		**23**	**1,080**	**19**	**680**	**18**	**630**

Health Outcomes

- NMR

- U5MR

- TFR

- LBW

- SRB

- Full immunization coverage

- Institutional deliveries

- TB case notification

- Treatment success rate of new microbiologically confirmed TB cases

- Proportion of PLHIV on ART

TABLE 2.1 Categorization of States and UTs

Category	Number of States and UTs	States and UTs
Larger States	21	Andhra Pradesh, Assam, Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jammu and Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh, Uttarakhand, West Bengal
Smaller States	8	Arunachal Pradesh, Goa, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura
Union Territories	7	Andaman and Nicobar Islands, Chandigarh, Dadra and Nagar Haveli, Daman and Diu, Delhi, Lakshadweep, Puducherry

Health :

the components and the growing understanding

SOCIAL

MENTAL

ELEMENTS OF WELLNESS

PHYSICAL

SPIRITUAL
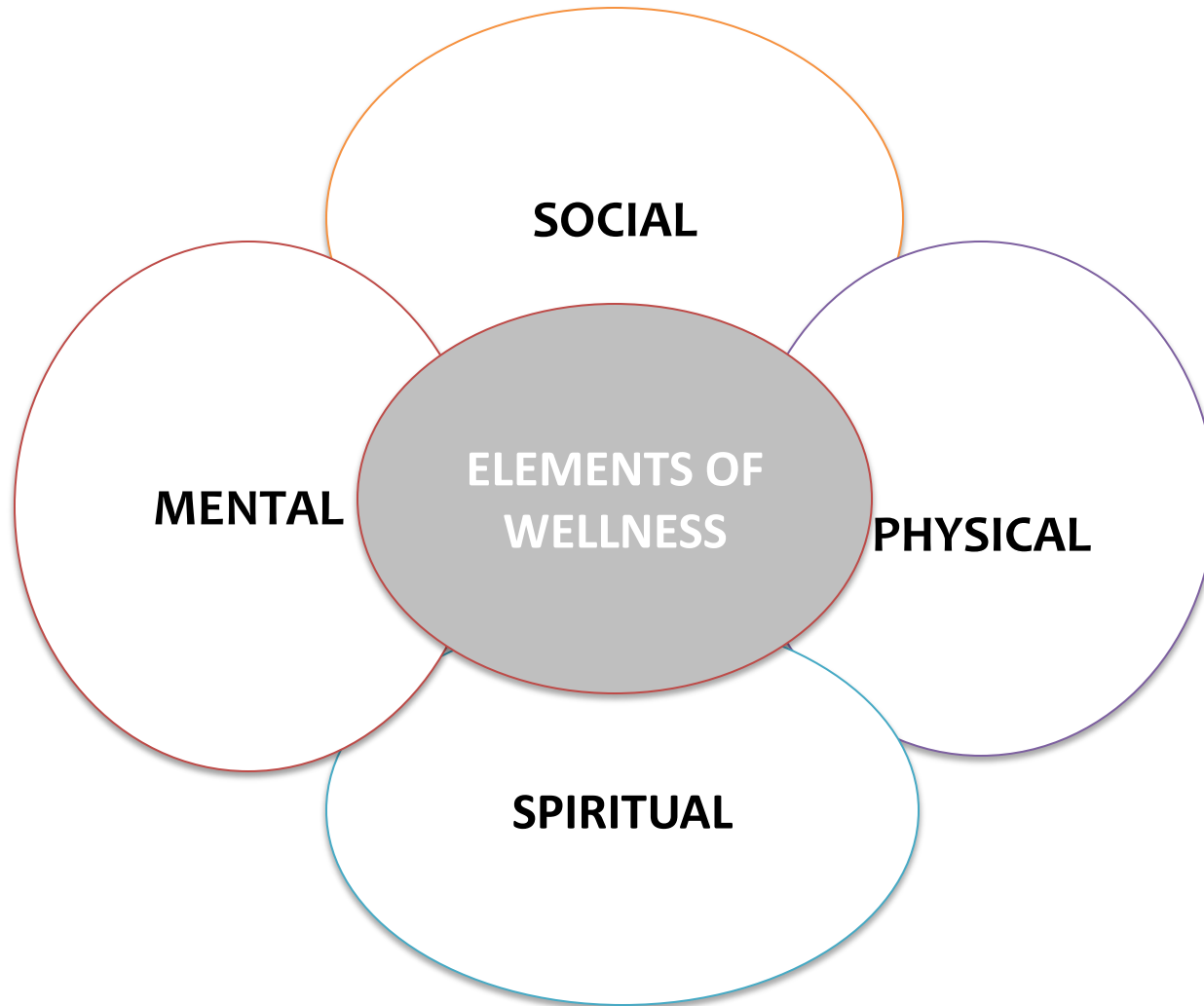
Worldwide 10-20% of children and adolescents experience mental disorders. Half of all mental illnesses begin by the age of 14 and three-quarters by mid-20s.

Healthcare Allocation as a Percentage of GDP

Germany **11%**

India **4%**

US **17%**

Malaysia **4%**

Current Health Expenditure per Capita

Germany
US$ - 5,472
PPP - 6,098

India
US$ - 73
PPP - 275

US
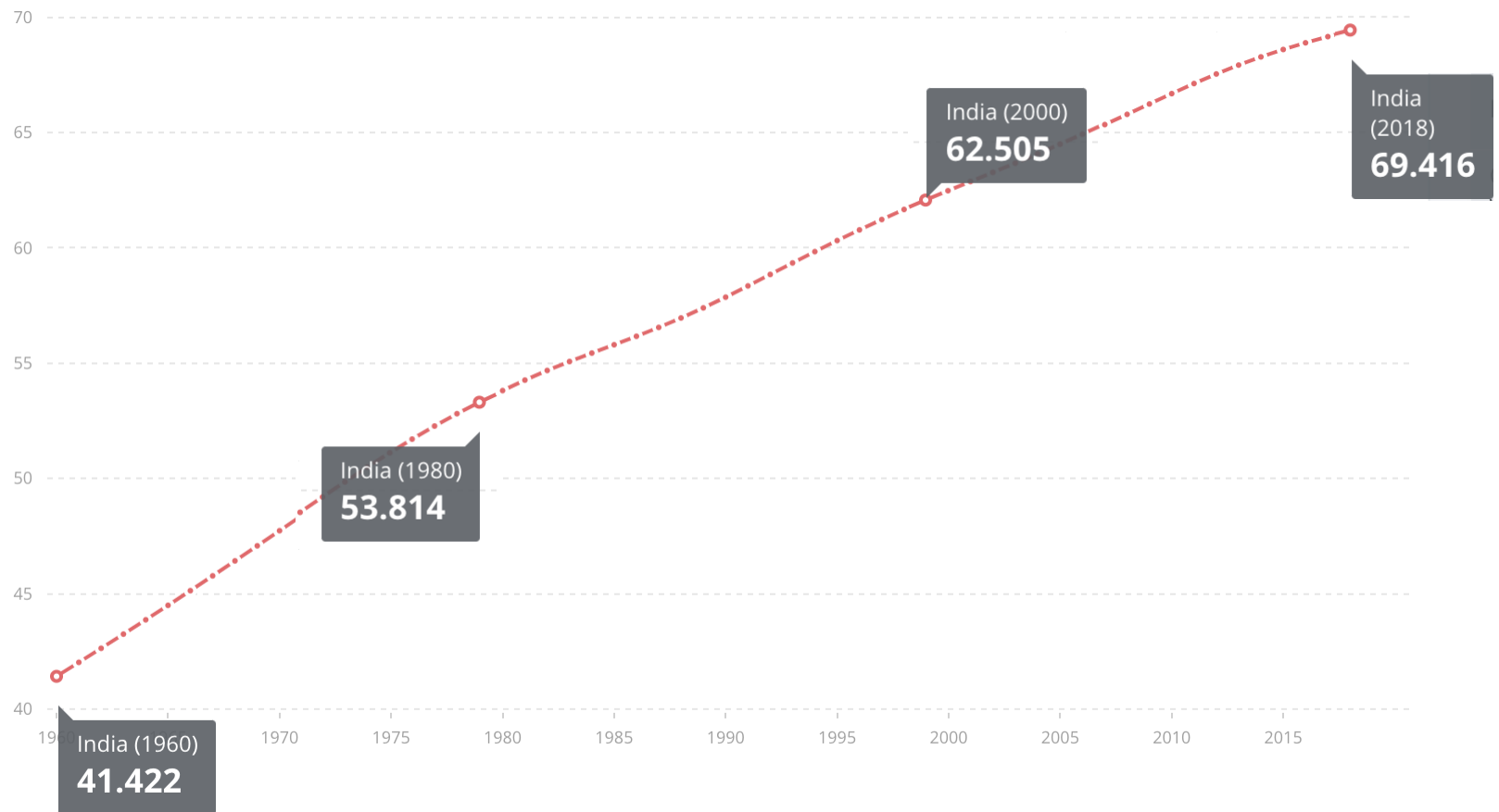US$ - 10,625
PPP - 10,624

Malaysia
US$ - 427
PPP - 1,194

Valuation of Health
in individual lives and collective productivity

Valuation of Health in Individual Lives

Life Expectancy at Birth

India (1960)
41.422

India (1980)
53.814

India (2000)
62.505

India (2018)
69.416

Valuation of Health in Collective Productivity

Burden of disease, 1990 to 2017

Disability-Adjusted Life Years (DALYs) per 100,000 individuals from all causes.
DALYs measure the total burden of disease – both from years of life lost due to premature death and years lived with a disability. One DALY equals one lost year of healthy life.

Our World in Data

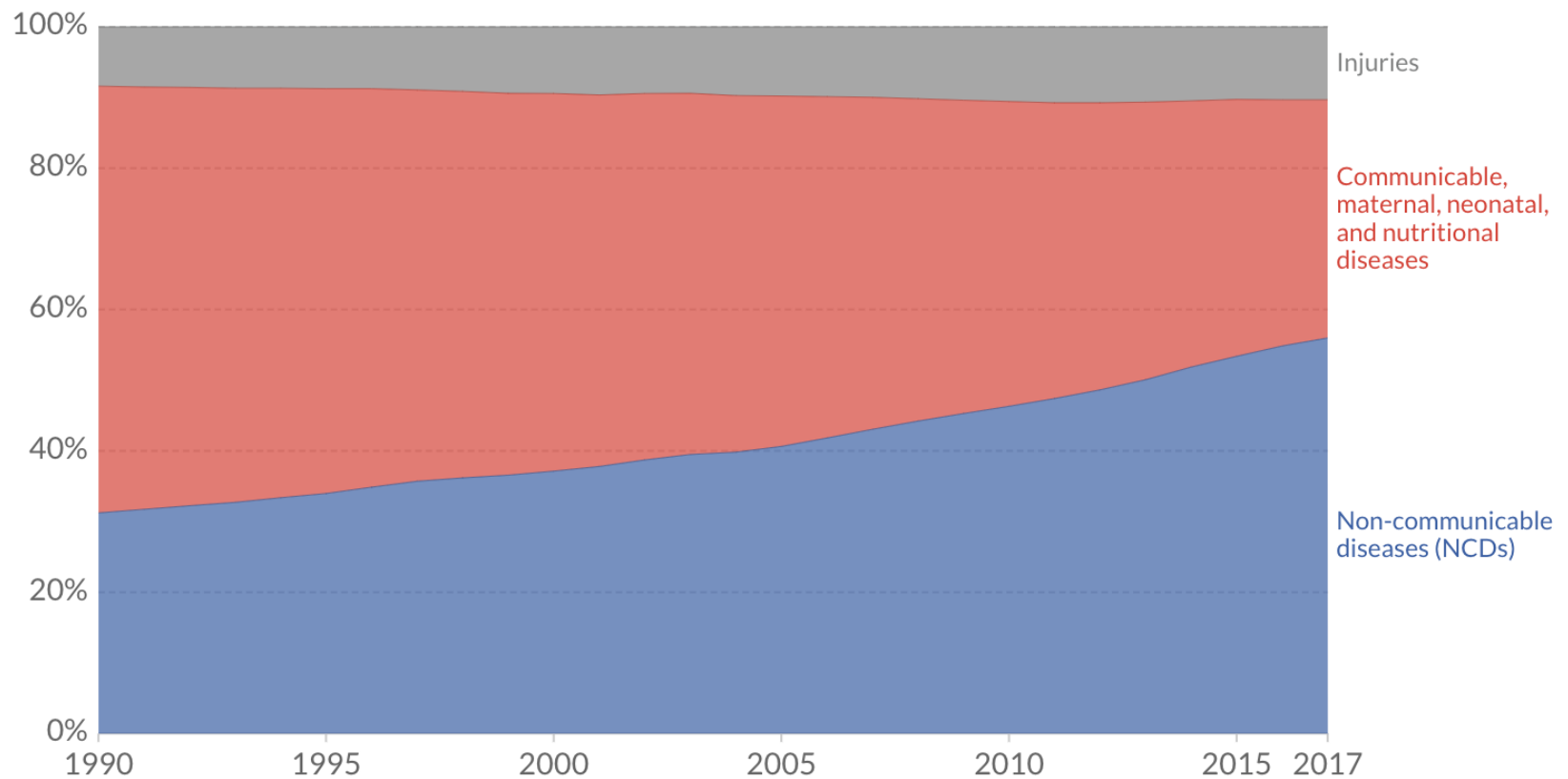| 1990	
● India	63,571.28

2000	
● India	54,405.70

2010	
● India	45,021.43
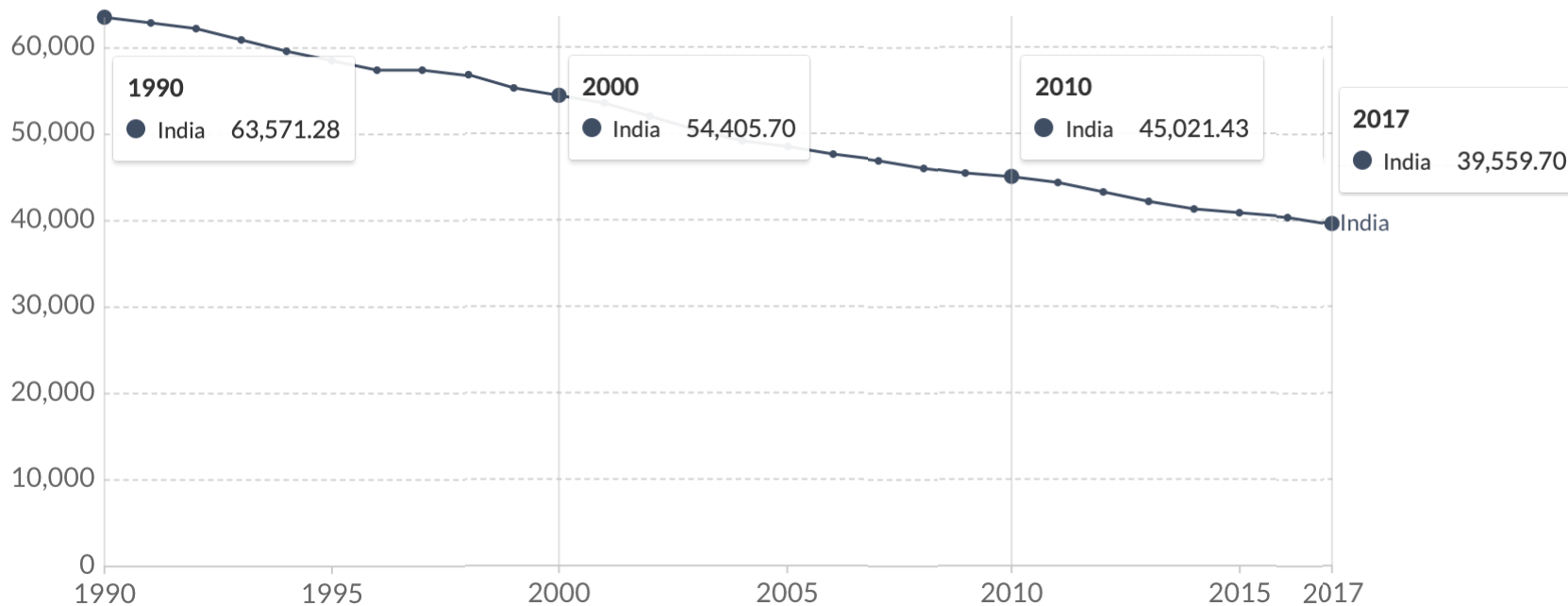
2017	
● India	39,559.70

# Total disease burden by cause, India, 1990 to 2017

Total disease burden measured as Disability-Adjusted Life Years (DALYs) per year.
DALYs measure the total burden of disease – both from years of life lost due to premature death and years lived with a disability. One DALY equals one lost year of healthy life.

Injuries

Communicable, maternal, neonatal, and nutritional diseases

Non-communicable diseases (NCDs)
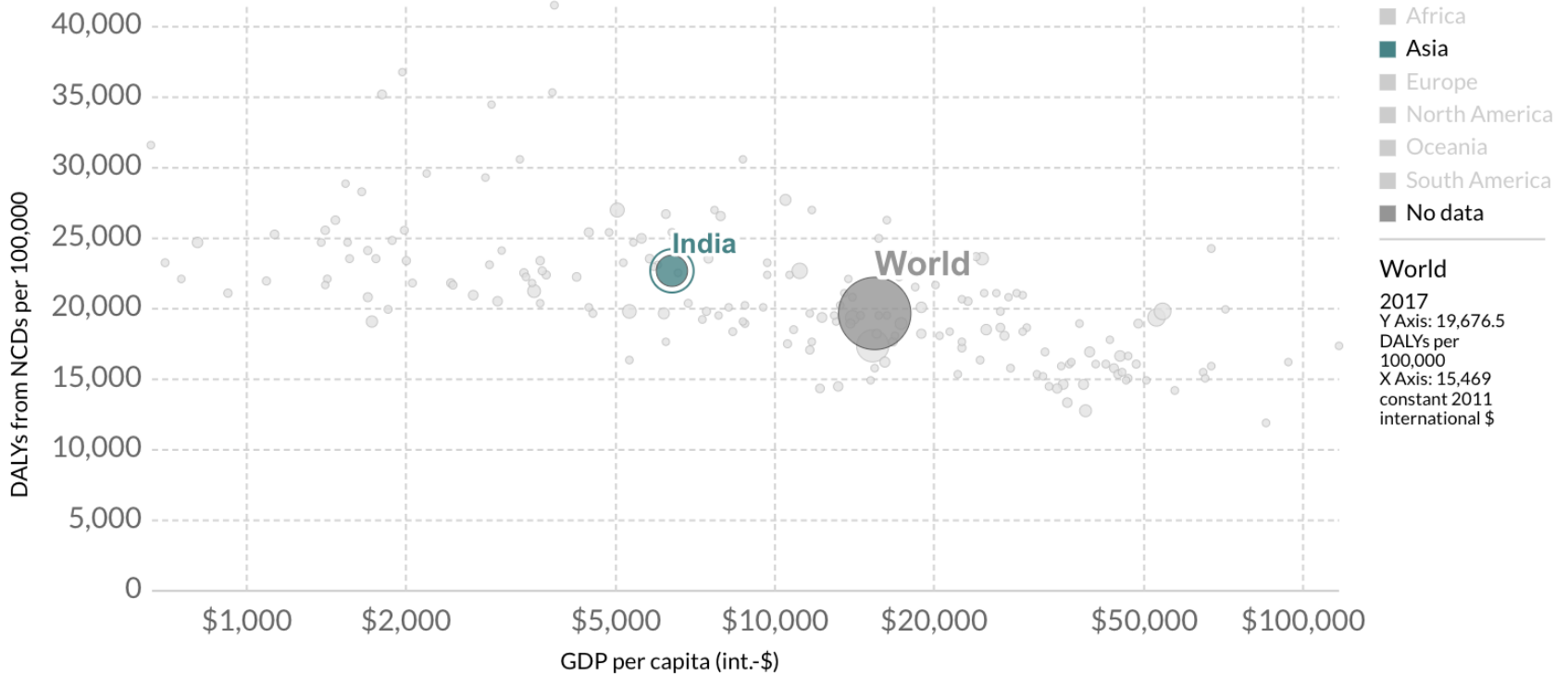
Source: Our World in Data

Disease burden by age, India, 1990 to 2017

Total disease burden by age, measured in Disability-Adjusted Life Years (DALYs) from all causes.
DALYs measure the total burden of disease – both from years of life lost due to premature death and years lived with a disability. One DALY equals one lost year of healthy life.
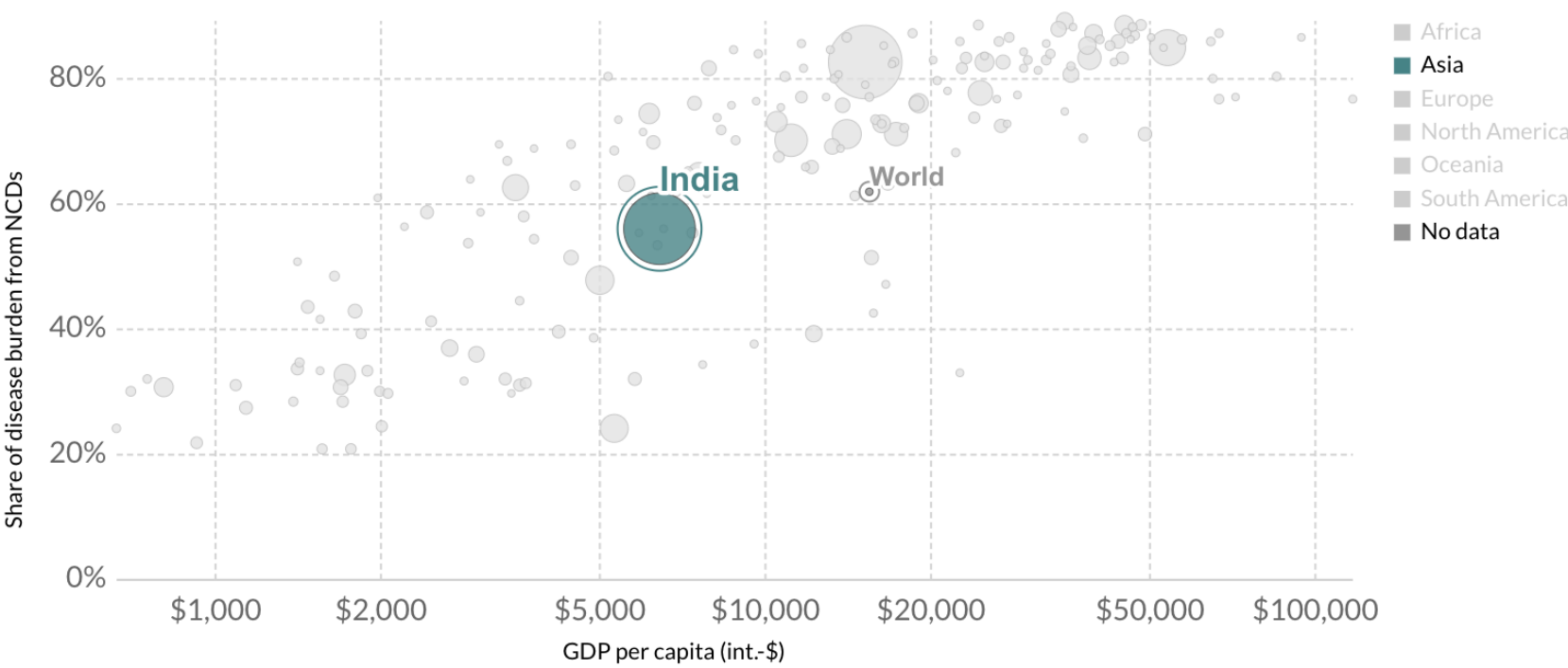
70+ years old

50-69 years old

15-49 years old

5-14 years old

Under-5s
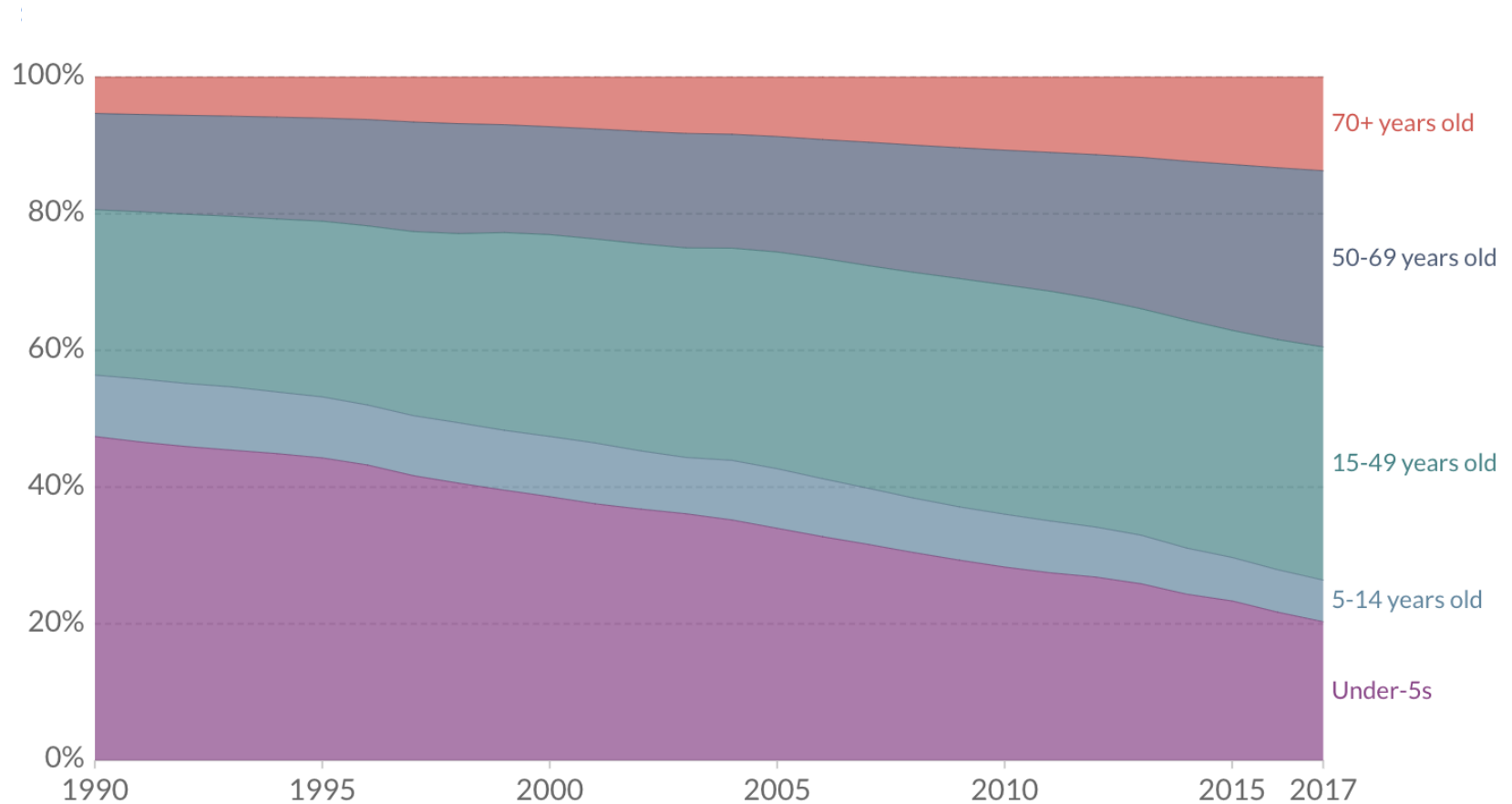
Disease burden from non–communicable diseases vs. GDP per capita, 2017

Disease burden to non-communicable diseases (NCDs), measured in DALYs (Disability-Adjusted LifeYears) per 100,000 individuals versus gross domestic product (GDP) per capita, measured in 2011 international-$.

Africa
Asia
Europe
North America
Oceania
South America
No data

World

2017
Y Axis: 19,676.5
DALYs per
100,000
X Axis: 15,469
constant 2011
international $

India

World

DALYs from NCDs per 100,000

40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0

$1,000 $2,000 $5,000 $10,000 $20,000 $50,000 $100,000
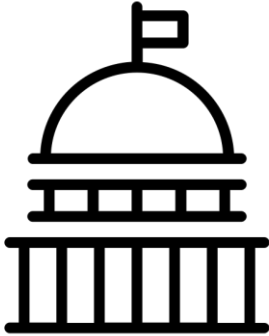
GDP per capita (int.-$)

Share of disease burden from NCDs vs. GDP per capita, 2017

Share of total disease burden from non-communicable diseases (NCDs) versus gross domestic product (GDP) per capita, measured in 2011 international-$. Disease burden is measured based on Disability-Adjusted Life Years (DALYs).

Legend:
- Africa
- Asia
- Europe
- North America
- Oceania
- South America
- No data

Y-axis: Share of disease burden from NCDs — 0%, 20%, 40%, 60%, 80%

X-axis: GDP per capita (int.-$) — $1,000, $2,000, $5,000, $10,000, $20,000, $50,000, $100,000

Labeled points: India, World

Who have been the key contributors?

Governmental agencies

Non-governmental agencies

Historical First Steps on NGOs in India

19th century

Emergence of the nation state and spread of nationalist consciousness across India

made the primary focus of NGOs self-help and sociopolitical movements

20th century

Acknowledgement that the government alone is not enough

and conference of legal status to NGOs

Intrinsically India ideals of

Daana (giving)   *Seva* (service)

What is an NGO?

Official definition of the non-profit sector:

(a) organizations that, (b) not-for-profit and, by law or custom, do not distribute any surplus they may generate to those who own or control them, (c) are institutionally separate from government, (d) are self-governing and (e) are noncompulsory

Legal Status

- Societies Act 1860
- Public Trusts 1950
- Private Trusts 1882
- Non-Profit Company 2013

- You register with different Governmental authorities

E.g : Public Trust with the Commissioner of Charity

Basis of Classification

- Operational area
- Source of Funds
- Based on use

Service Scape

3 million
NGOs in India

↓

26.5%
Religious activities

21.3%
Community service

~25%
Education

17.9%
Sports & culture

6.6%
Health

Andhra Pradesh + Maharashtra + Tamil Nadu =

40%
of health expenditure
of NGOs in India

NGO health expenditure by types of care

62.5%

Preventive Care

21.1%

Curative Care

Immunisation 5%

Antenatal-postnatal 5%

Diagnostics camps 18%

Health awareness 72%
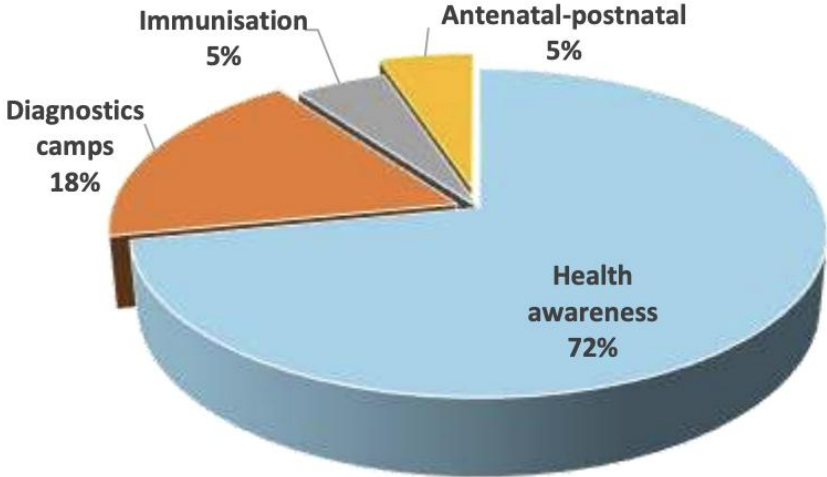
41%

Outpatient care

- Hospital outpatient
- Ambulatory clinics

36%

Hospital inpatient care

Post the COVID-19 Pandemic

is there an emerging space for visualizing a healthier India?

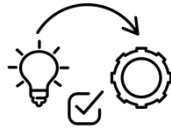# Lessons to take forward

Composite Solutions Work

Policy

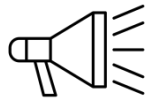Research & Academia

Practice

Private sector contribution

Citizens Engagement

Lessons to take forward

Window of Opportunity to

Speak about HEALTH

Build Partnerships

Strengthen Health Systems

Increase Health Investments

Focus on behaviour modification

HEALTH FOR ALL

Hanna Barczyk