

# Outline of the Healthy China 2030 Plan

Ning Zhuang

Deputy Director-General, Department of Healthcare Reform  
(Office of State Council Healthcare Reform Leading Group),  
National Health and Family Planning Commission, P. R. China

On October 25, 2016, the Central Government and State Council issued the *Outline of the Healthy China 2030 Plan*. This is an important national medium- and long-term strategic plan in the health sector. This outline of the plan will be a blueprint and action plan for facilitating the development of Healthy China. Major means for implementing the country's commitment to the UN 2030 Agenda for Sustainable Development

Health is a must for human development and a basis for socio-economic development. Health and longevity are an important token of national wealth and prosperity, representing the common wishes of people of all ethnic groups in the country.

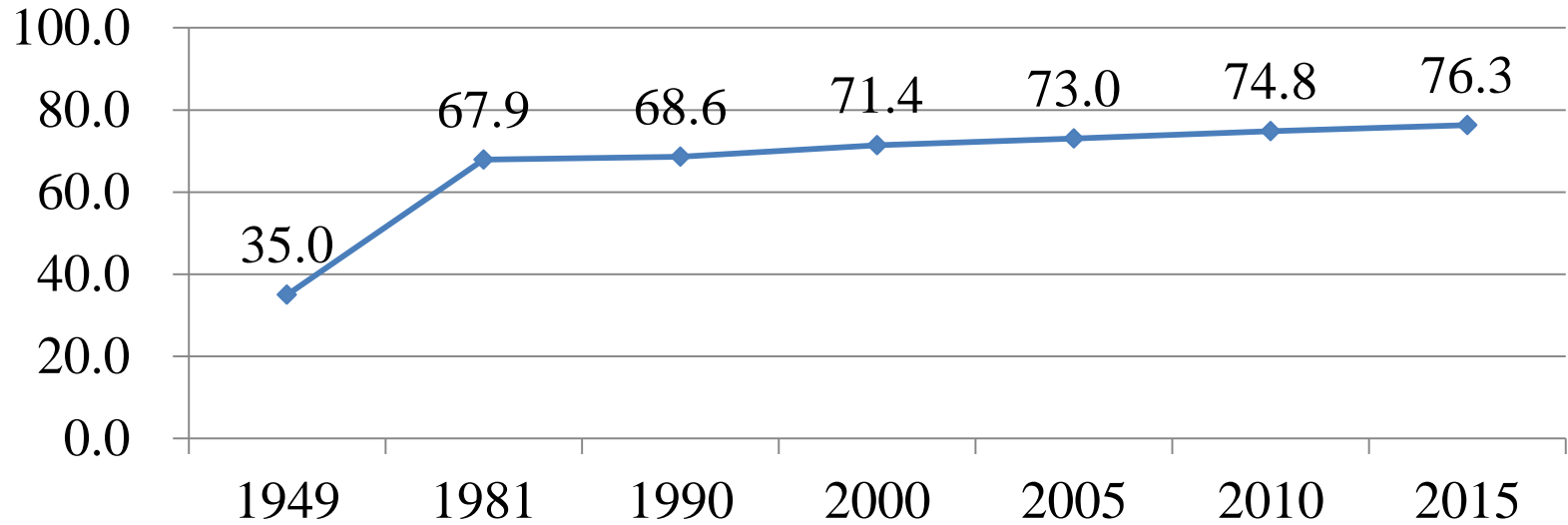
- One health (enlarged health): collaborative effort of multiple disciplines--working locally nationally and globally.
- Health influencing factors: life style, hereditary factors, environmental factors, medical services.....

# Great achievements of health reforms and development in China

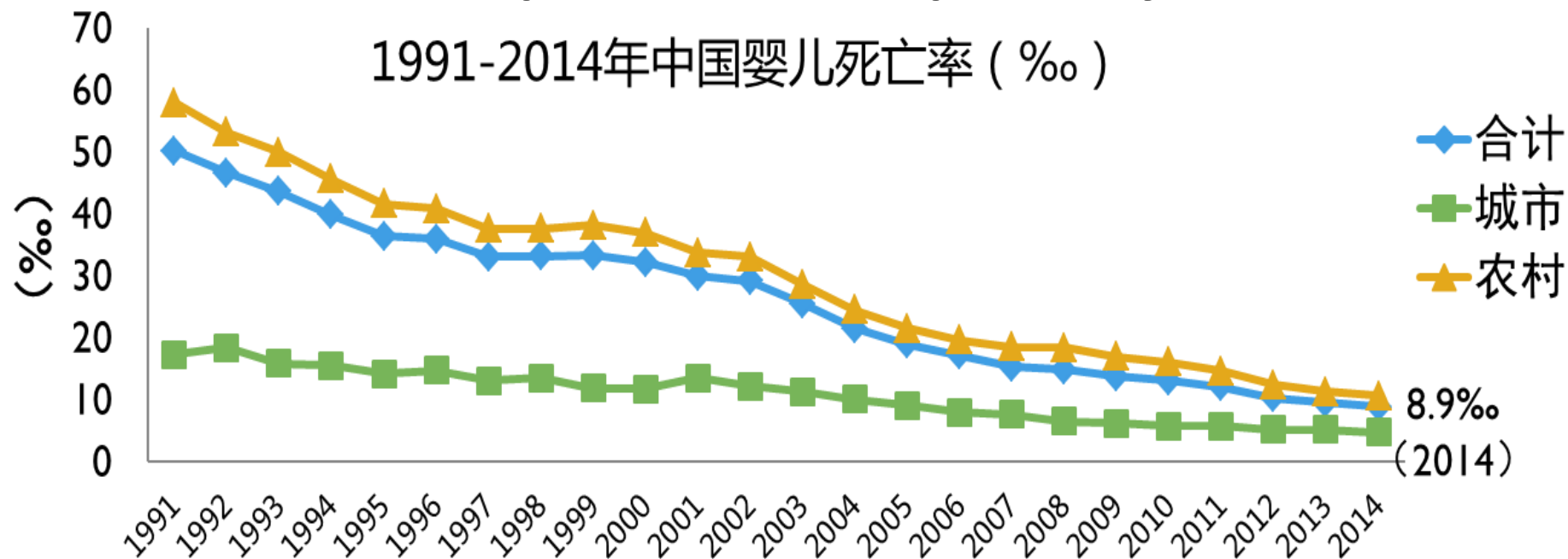
Population health outperformed the average of upper middle-income countries. In 2015, the average life expectancy reached 76.3 years.

Indicator	China	Middle- and high-income country	High-income country	Intl. average
Life expectancy (year)	76.3	72.8	79.1	70
Infant mortality (‰)	8.1	17.4	6.3	35
Under-five mortality (‰)	10.7	21.5	7.7	48
Maternal mortality (/100,000)	20.1	69.4	20.4	210

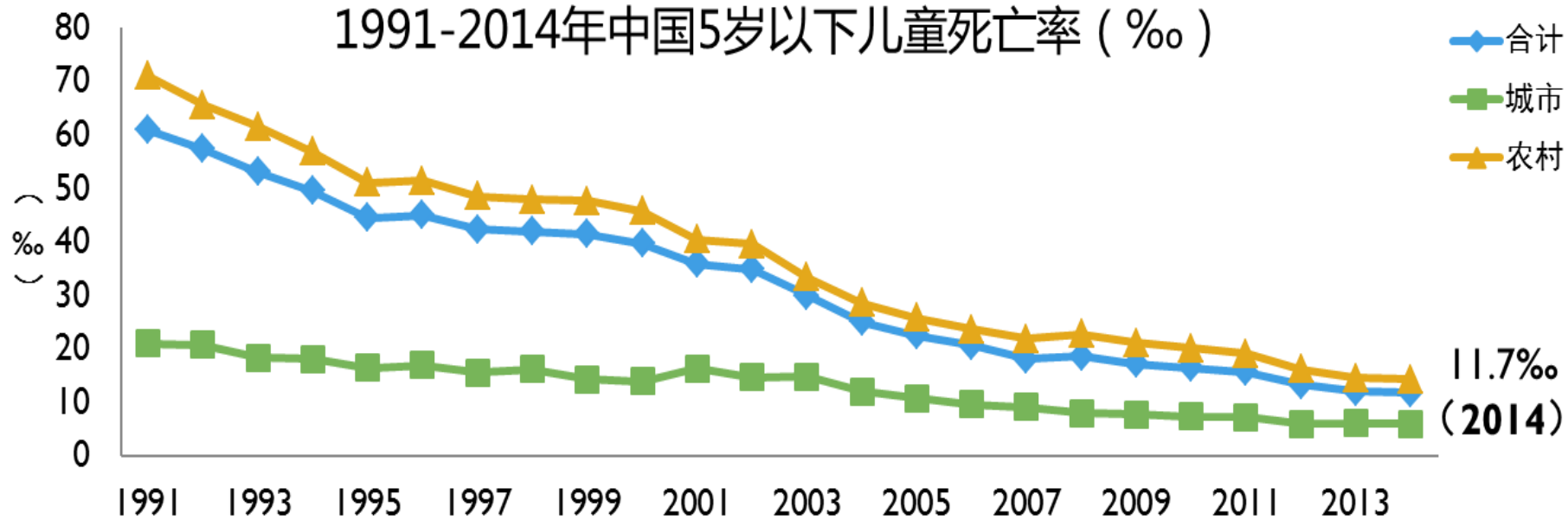
## Average Life Expectancy in China (Year)



**In 2015 infant mortality, under-five mortality and the maternal mortality rate were reduced to 8.1‰, 10.7‰ and 20.1 per 100,000 respectively**

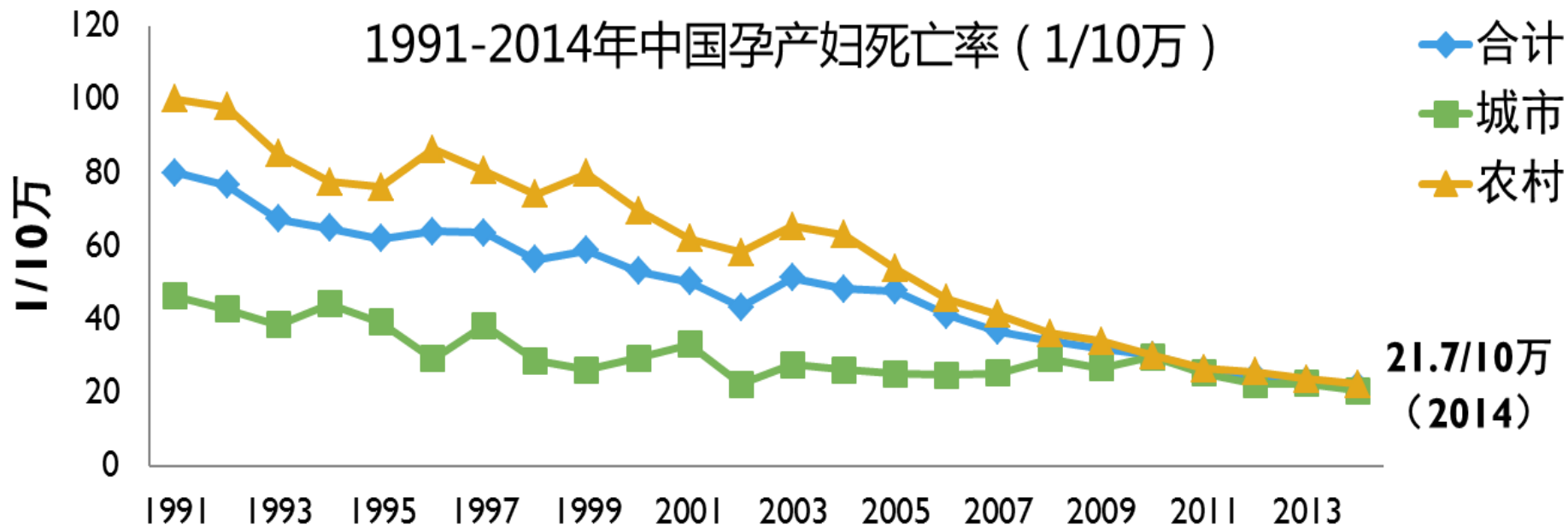


1991-2014年中国5岁以下儿童死亡率 (‰)





1991-2014年中国孕产妇死亡率 ( 1/10万 )



21.7/10万  
(2014)

# Overview



## Strategic goals

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Healthy living  
for all



Optimizing  
health services



Improving  
health security



Building healthy  
environment



Develop Healthcare  
industry

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Build Supportive  
mechanisms



Strengthen organization  
and implementation



# Strategic goals

## Guiding ideology

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With raising population health as a core goal, we will take the momentum by **institutional reforms and innovation**, focus on **promoting healthy living, optimizing health service, improving health insurance, protecting healthy environment, developing health industry**, put health in all policies, rapidly change development mode of the health sector, and protect and maintain **all-round, life-long** health of the population.

# Principles

## Health as a priority

Health should be at the top of the development agenda. Based on national conditions, health promotion should be a part of the public policymaking process. Healthy lifestyles, the ecosystem, and socio-economic development models should be put into place to pursue the coordination of health and economic and social development.

## Reform and innovation

With the market playing its due role, government-led reforms in key fields will free people's minds and thoughts, break vested interests and eliminate institutional barriers. Sci-tech innovation and informationization should have a steering and supportive role in forming an institution that contributes to improving people's health, with Chinese characteristics.

## Scientific development

We need to identify rules for health development, and adhere to "prevention first, combining prevention with control, and supporting both traditional Chinese and Western medicine." Healthcare delivery systems should become integrated, moving from an extensive development mode based on scale to an intensive one focusing on quality and efficiency. Efforts should be made in the complementary development of both traditional Chinese medicine (TCM) and Western medicine, as well as overall enhancement of healthcare delivery.

## Equity and justice

Rural and primary health will be prioritized. We will aim to achieve equity of public health services, ensuring that access and the non-profit nature of basic medical care and health services to reduce urban-rural, regional and sub-group health inequalities. Universal coverage and social equity in health care services will be realized.

## Strategic themes

### Contribute and share

basic method to build a healthy China

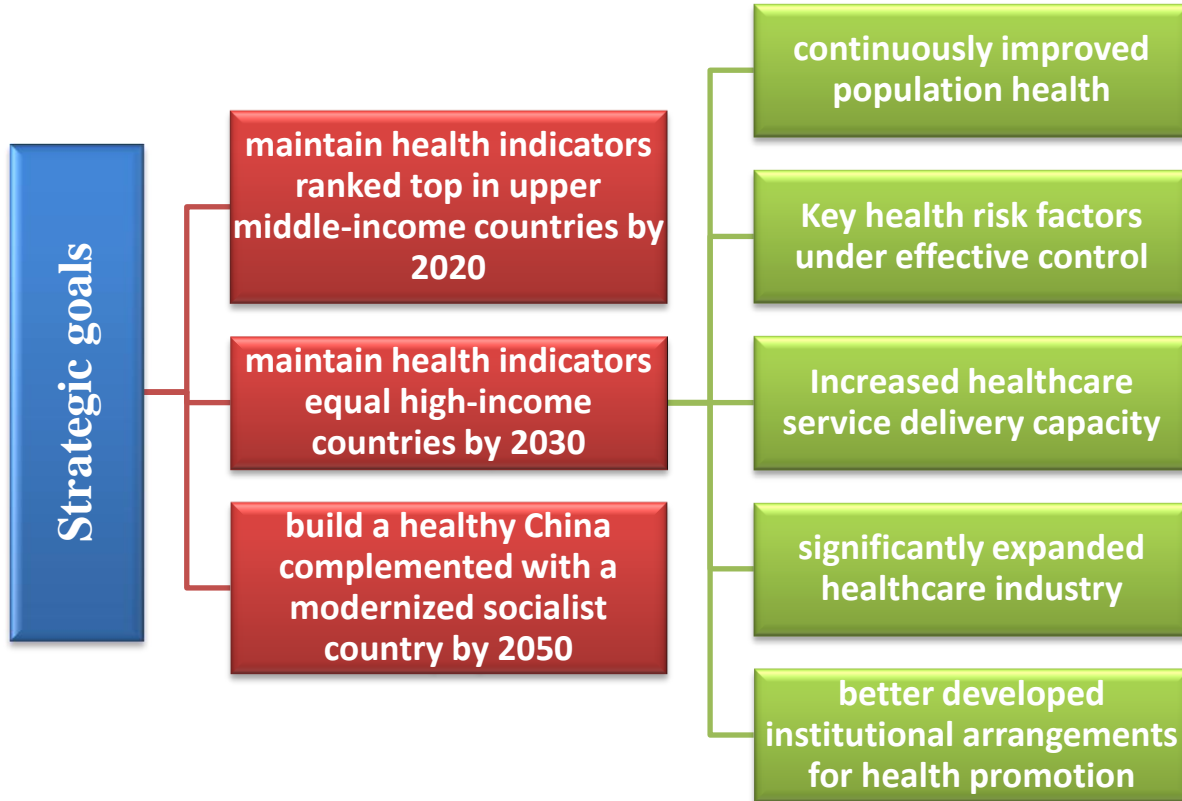
Supply-side and demand-side reforms integrating individual, institutional and social factors will provide momentum to maintain and protect people's health

### Population health

fundamental goal of building a healthy China

Focusing on the lifelong needs of all people, we need to provide equitable, accessible, comprehensive and continuous care to achieve better health.

# Strategic goals



# Key indicators

Domains	Indicators	2015	2020	2030
Health status	Life expectancy (year)	76.34	77.3	79.0
	Infant mortality (‰)	8.1	7.5	5.0
	Under-five mortality (‰)	10.7	9.5	6.0
	Maternal mortality (1/100,000)	20.1	18.0	12.0
	People meeting the fitness standards defined in the National Physical Fitness Standards (%)	89.6 (2014)	90.6	92.2
Healthy living	Health literacy (%)	10	20	30
	Frequent physical exercises (100 million)	3.6 (2014)	4.35	5.3
Health service and protection	Premature death rate from major chronic diseases (%)	19.1 (2013)	10% lower than 2015	30% lower than 2015
	Practicing or assistant physicians per 1,000	2.2	2.5	3.0
	Out-of-pocket payment as a share of total health expenditures (%)	29.3	Around 28	Around 25
Healthy environment	Percentage of days with good air quality in cities at prefecture or above level (%)	76.7	>80	Continuous improvement
	Percentage of surface waters at or above level III (%)	66	>70	Continuous improvement
Healthcare industry	Total size of healthcare industry (trillion Yuan)	—	>8	16



## Healthy living for all

Strengthening health education

Encouraging healthy habits in individuals

Improving physical fitness for all

## Optimizing healthcare services

Promoting universal access to public health services

Delivery of high quality and efficient medical care

Letting TCM play its unique role

Improving healthcare services for priority groups

## Improving health security

Strengthening the medical insurance system

Improving the drug supply security system

## Building a healthy environment

Deepening patriotic public health campaigns

Strengthening management of environmental problems affecting health

Ensuring food and drug safety

Improving public safety systems

## Developing healthcare industry

Optimizing pluralistic structure of medical care services

Developing new types of health services

Promoting fitness, leisure and sports industry

Promoting development of medical industry

# Main tasks



**Healthy living for all**

# Strengthening health education

## Improving health literacy



healthy living among urban and rural residents by providing health mentoring and interventions to households and high-risk groups, and by launching programs on weight control, as well as dental and bone health. By 2030, all county-level areas nationwide will be covered by such programs.

## Promoting school health education



Health education will be part of the national curriculum and relevant classes made available for students at all levels as essentials for quality education. Making primary and middle school education a priority, school-based health education will be explored.

# Encouraging healthy habits in individuals

## Developing well-balanced diet



By 2030, nutritional knowledge and literacy rates will be significantly improved, incidence of nutrition deficiency greatly reduced, average daily salt intake reduced by 20%, and increase in the overweight and obese

## Tightening tobacco and alcohol control

By 2030, the population of smokers aged 15 or above will be reduced to 20%. Education on alcohol control will be intensified to control excessive alcohol intake and reduce alcohol abuse. Monitoring of harmful a



## Protecting mental health

By 2030, competence in identifying and intervening in common mental disorders will be greatly enhanced.



## Reducing unsafe sexual behaviors and drug abuse

Promoting knowledge of drug-related harms, measures and treatment options, strengthening nationwide drug-use services to provide drug addicts with access to early detection services and treatment.



# Improving physical fitness for all

## Improving physical fitness services

By 2030, networks of public sports facilities at village, township and county levels will be established, with sports ground of no less than 2.3 m<sup>2</sup> per capita. In urban areas, sports facilities will be within 15 minutes' walking distance.

Exercises favored by communities will be adopted and developed. Sports events suitable for specific population groups or geographic areas will be encouraged, and traditional, cultural and historic sports exercises will be supported and encouraged.

## Launching a nationwide fitness campaign

## Integrating sports exercises with medical care and strengthening non-medical health interventions

Guidelines on sports and fitness exercises will be published, with a database of prescriptions for different population groups, different contexts, and different physical statuses established to develop an innovative mode of disease management and healthcare services by combining sports exercise with medical care.

Teenagers will master at least one sports skill, and students will spend no less than one hour doing sports exercises on campus every day.

## Promoting physical exercise among priority groups



# Optimizing healthcare services

## Promoting universal access to public health services

### Preventing and controlling major illnesses

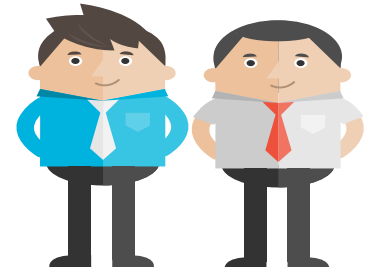
- By 2030, chronic disease care and management will cover lifelong needs of all people
- Overall five-year survival rate of cancer patients will increase by 15%.
- Prevalence of cavities among the under 12-years kept within 25%.

- Reform management of family planning services to deliver household-based services and build family development policies for reproductive care, child raising, youth development, elderly care, and disability care

### Improving management of family planning services

### Equity of primary public healthcare services

- Provide equal access to primary public healthcare services for urban and rural residents
- Ensure migrants' equal access to both primary public healthcare and family planning services.

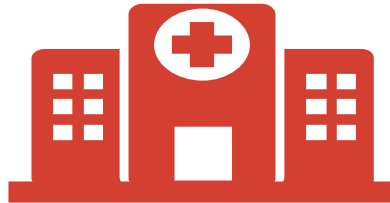


# Delivery of high quality and efficient medical care

## 1.Improving medical care delivery

- Integrated medical care delivery systems
- All communities within 15 minutes distance of primary medical care facilities
- Registered nurses per 1,000 permanent residents reach 4.7

## 2.Innovating medical care supply



- “3-in-1” control and prevention mechanism for major
- Mature mechanisms of coordinated care
- Integrated curative, rehabilitative and long-term care

## 3.Improving medical care quality and competence

- A world-class quality management and control system for medical care
- Information platforms will be set up for quality control and management
- Crimes, especially violence against doctors, will be cracked down on



## Traditional Chinese medicine

### Improving TCM capacity

- Develop rehabilitation with TCM specialties
- Develop primary medical care with TCM to cover both urban and rural communities
- Set up general care departments providing TCM in all township and community health centers.

By 2030, TCM will play a key role in preventing illnesses, treating major illnesses and in rehabilitation.



### Preventive and health maintenance services based on TCM

- Projects on TCM-based preventive care
- Social enterprises will be encouraged to open TCM-based healthcare centers providing standard services
- TCM hospitals and doctors are encouraged to provide expertise support, such as health consultancy and recuperation care, for such TCM-based healthcare centers.
- National programs on TCM promotion

### Promoting preservation and innovation

- Preservation and innovation projects on TCM
- Establish intellectual property to protect TCM
- Strengthen TCM technologies and new therapeutics for major, complex acute and chronic diseases
- International promotion of TCM
- pursue green policies on TCM plantation

## Improving healthcare services for priority groups

### Improving maternal and child health

- Ensure mother and baby safety, promote eugenic services, continue to provide public subsidies for hospital deliveries, offer free prenatal care services
- Strengthen birth defects control
- Healthy childhood plan
- Increased screening for common gynecological diseases
- Early diagnosis and treatment

### Promoting healthy aging

- Expand elderly care to communities and households
- Coordinate medical facilities and nursing homes
- Coordinate development of TCM and elderly care to provide integrated care for the elderly
- Encourage the private sector to open facilities providing both medical and nursing care
- Develop long-term home-based care for the elderly

### Maintaining health of the disabled

- Develop regulations on prevention of disability and the rehabilitation for the disabled
- Increase medical financial aid for low-income disabled people, and establish medical assistance system for disabled children
- Barrier-free facilities will be developed in medical institutions, and medical services for the disabled will be improved.
- A national action plan for the prevention of disabilities introduced, and public awareness of disability prevention raised.





**Improving health security**

## Improving health security

### Universal health insurance coverage

- Set up a multi-level health insurance systems centered on basic health insurance and supplemented by commercial and other forms of insurance.
- Urban and rural basic health insurance schemes and management systems will be integrated.

### Improving health insurance management

- Strictly implement budget management
- Policies on medical billing and making-claims at localities other than home counties, cities or provinces will be quickly implemented
- Implement intelligent monitoring of health insurance schemes, and develop basic

### Promoting commercial health insurance

- Favorable policies including taxation will be introduced to encourage enterprises and individuals to join commercial health insurance and other supplementary insurance schemes.
- By 2030, a modern commercial health insurance industry will be developed, with an increased share of commercial claims in total health expenditure.

## Improve the drug supply security system



### Deepening reforms on drug and medical device circulation systems

Upstream and downstream drug and medical device services in the supply chain will be expanded to develop a modern system. Medical e-commerce will be standardized, with drug circulation channels and development models enriched.

The national drug price negotiation system will be improved, and a tracing system for pricing set up. Availability guarantees and warning of drugs shortages will be developed, and drug reserve and emergency supply chains established. Improve drug security at community level and remote areas.



### Meliorating national drug policy

The national essential drug system will be consolidated and developed to ensure special groups' access to essential drugs. Drug policy on free treatment will be improved, and free drug supply for prevention and treatment of special diseases such as HIV will be increased. Children's drug supply will be guaranteed. Drug supply for rare diseases will be ensured. A comprehensive clinical evaluation system will be built with a focus on essential drugs. Drug pricing systems will be improved under regulation of the central government and with support of the market.



**Building a healthy environment**

## Deepening patriotic public health campaigns

### Improving rural and urban environment and sanitary conditions

Urban and rural environment and sanitation will continued to be enhanced, with better infrastructure and long-term mechanisms to solve environmental and sanitary problems.

By 2030, more rural areas will have beautiful homes suitable for growing old with improved sanitary conditions in residential environments.

### Building healthy cities, towns and villages

- “Building healthy cities, towns and villages” as an important project for healthy China
- Include health in urban and rural planning, construction and management process
- Make plans for healthy cities, towns and villages
- By 2030, a group of healthy cities, towns and villages will be built for nationwide demonstration

## Strengthening management of environmental problems affecting health

### Prevent and manage air, water and land pollution

Joint control and prevention, and co-governance of water sources will be strengthened, with a focus on improving the environment. Targets for environmental quality control and strict environmental protection regulations will be implemented to solve outstanding environmental issues that affect people's

### Implement comprehensive plan on industrial discharge control

A licensing policy for industrial pollution sources will be fully implemented. Self-monitoring and information disclosure of enterprises will be promoted, with disposal accounts established to ensure licensed discharge.

### Build environment and health monitoring, survey and risk assessment system

Establish a comprehensive environment and health management system  
Set up environment and health risk management  
Build environmental health risk communication mechanisms



## Ensuring food and drug safety

### Food safety regulation

- Improve food safety standards
- Establish a nationwide reporting on food safety-risk monitoring and food-borne diseases by 2030.
- Step up supervision and regulation of the geographical origin of food
- Reinforce regulation of online food businesses
- Establish a whole-process regulation system

- Reform policies on drug (medical device) assessment and regulation
- Establish a clinical-effectiveness oriented regulatory system
- Upgrade drug (medical device) regulatory standards
- Encourage bioavailability and bioequivalence studies of generics
- Enhance drug regulation
- Regulate medical devices and cosmetics

### Drug safety regulation

## Improving public safety systems

### Improve Production safety and occupational health

- Enhance production safety
- Launch ear-marked actions on occupational disease hazards of key industries

### Enhance road traffic safety

- By 2030, deaths caused by road traffic accidents per 10,000 vehicles will decrease by 30%.

### Prevent and reduce injuries

- Establish a comprehensive monitoring system for injuries
- Strengthen prevention and intervention of children and elderly injuries
- Reduce cases of traffic injury, drowning of children and accidental falls among the elderly
- Raise safety standards for children's toys and supplies

### Improve emergency management capacity

- By 2030, a more comprehensive emergency medical rescue network will be established, with improved response and rescue capacity equal to that of developed countries
- Reduce road traffic injuries and deaths to the levels of moderately developed countries.

### Improve public health system at ports

- Establish control and prevention system of infectious diseases at
- Consolidate core capabilities to create world-class healthy airports and ports
- Improve control and prevention capability of plant and animal epidemics



**Develop healthcare industry**

## Optimizing pluralistic structure of medical care services



- Optimize policies to support the development of non-profit private health services
- Encourage physicians to use their free time to practice in primary health institutions or to open clinics, as are retired physicians.
- Expand scope for health services with foreign investment

## Developing new types of health services

**Integrate nursing care,  
tourism, the Internet,  
fitness and leisure, and food  
services**

**Internet-based  
health services**

**Maternal and childcare**

**personalized health  
management service**

**health culture and  
sports, medical  
and rehabilitation**

**health tourism  
TCM health tourism**

**health imaging centers,  
pathological diagnosis  
and blood dialysis  
centers**

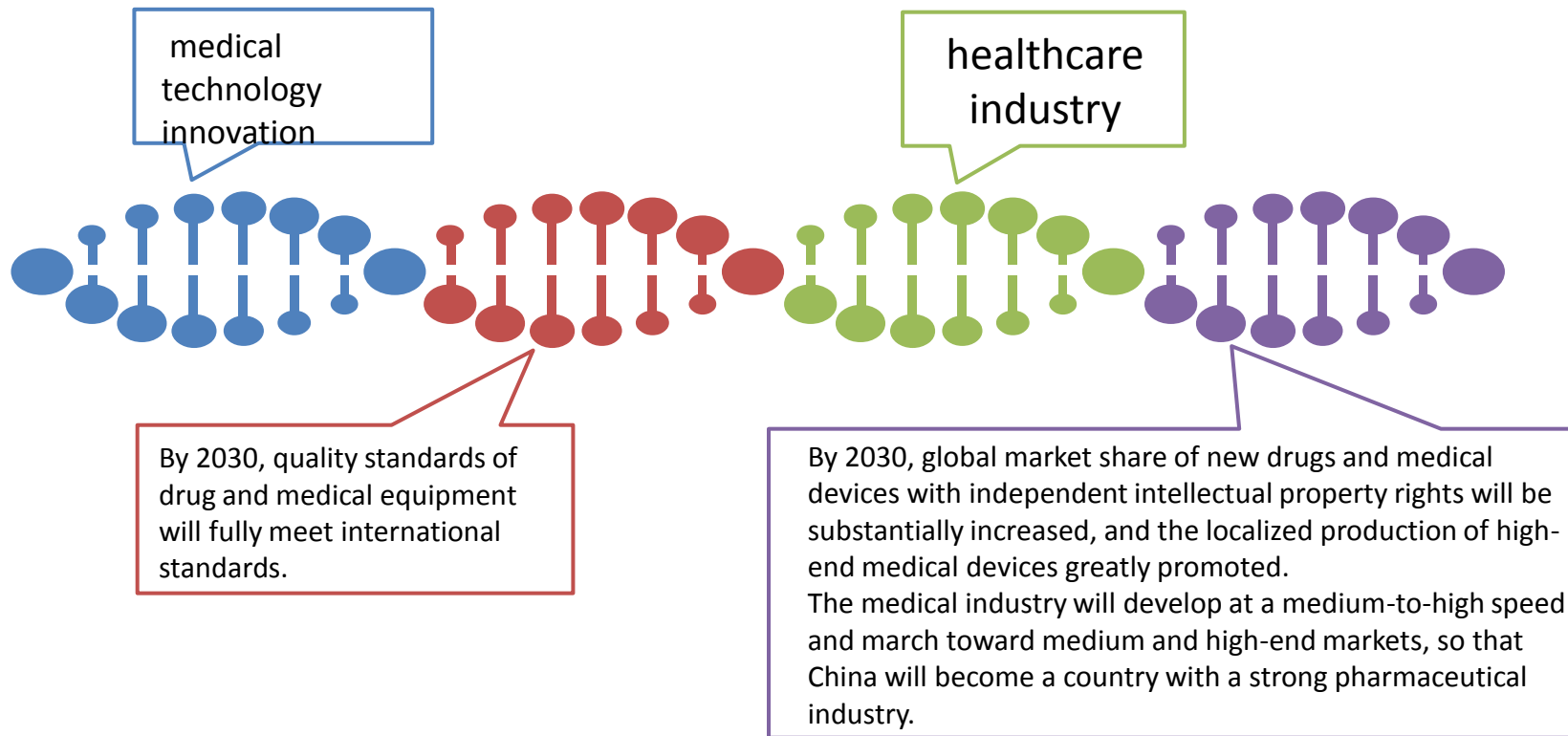


## Promoting fitness, leisure and sports industry



- Encourage the private sector to construct and operate fitness and leisure facilities.
- Make sports resources available to the public, and create a comprehensive fitness and leisure service system
- encourage the development of various forms of fitness clubs, enrich amateur sports, and develop consumption-based sports including ice and snow, mountain, water, automobile, aviation, extreme, equestrian, and other fashionable leisure sports
- Create fitness and leisure industry demonstration zones and industrial belts with regional characteristics

## Promoting development of medical industry





# **Improving supportive and guarantee mechanisms**





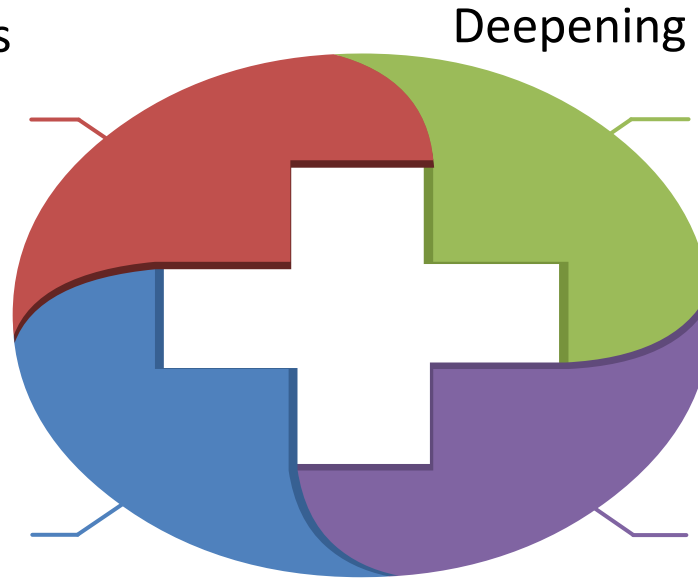
## Deepening reforms in institutional arrangements

### Putting health in all policies

- Establish health impact assessment mechanisms
- Open channels of public participation
- strengthen social supervision

### Improving health financing mechanisms

- Establish result-based health financing
- Launch M&E for health input performance
- Form a diversified health financing pattern
- Encourage financial institutions to innovate products and services



### Deepening healthcare system reforms

- maintain welfare of health services
- contain medical cost
- Improve access to essential healthcare services
- Separate administration from health institution, and management from operation

### Speed up transformation of government functions

- Promote decentralization and reduction of administrative interference, power delegation and regulation
- Develop industry associations

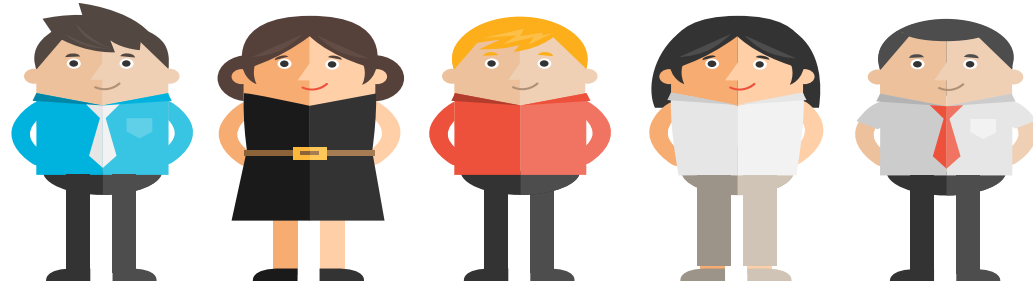
## Developing human resources for health care

### Strengthen health personnel

- Health and education policies will be better coordinated, and the supply and demand balance of medical personnel training achieved.
- With a focus on general practitioners, primary healthcare taskforces will be built.
- A taskforce of social sports mentors will be built, and a target of 2.3 instructors per 1000 achieved by 2030.

- Implement a contract-based employment system implemented 。 Policies on the remuneration of primary healthcare staff will be firmly implemented
- Explore self-employed practice, and practice based on contract with health institutions or medical groups organized by physicians

Incentives for innovative talents



## Promoting science and technology innovation in health care

### Building national medical innovation systems

- Develop national clinical research centers
- Clinical data demonstration centers will be established for cardio-cerebrovascular diseases, cancer, and geriatric diseases
- The national project on health and medical for the Chinese Academy of Medical Sciences to be implemented.

### Promoting medical science and technology progress

- By 2030, the impact of scientific and technological papers and the total number of triadic patents will reach top international rankings.
- Scientific and technological innovation contribute more to growth of the pharmaceutical industry.



## Developing digital health information services

### Improve population health information service

- Establish common, authoritative and well-connected information platforms on the population's health
- Establish a standard health information platform for the population's health connecting county, city, provincial and national levels by 2030.

### Promote use of big data in health

- A national health data resources directory system
- New business models of big data use in health
- Strengthen regulation

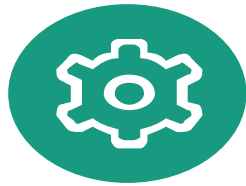


### Strengthen health legislation

- Basic health law and TCM law will be developed and implemented.

### International exchanges and cooperation

- Implement China's global health strategy and promote all-round international cooperation in population health.
- By establishing high-level strategic dialogues between countries, China will encourage putting health on the diplomatic agenda of major countries.
- Actively participate in global health governance



# **Strengthening organization and implementation**

## Strengthening organization and implementation



### Strengthening organization and

- Implementation and coordination mechanisms



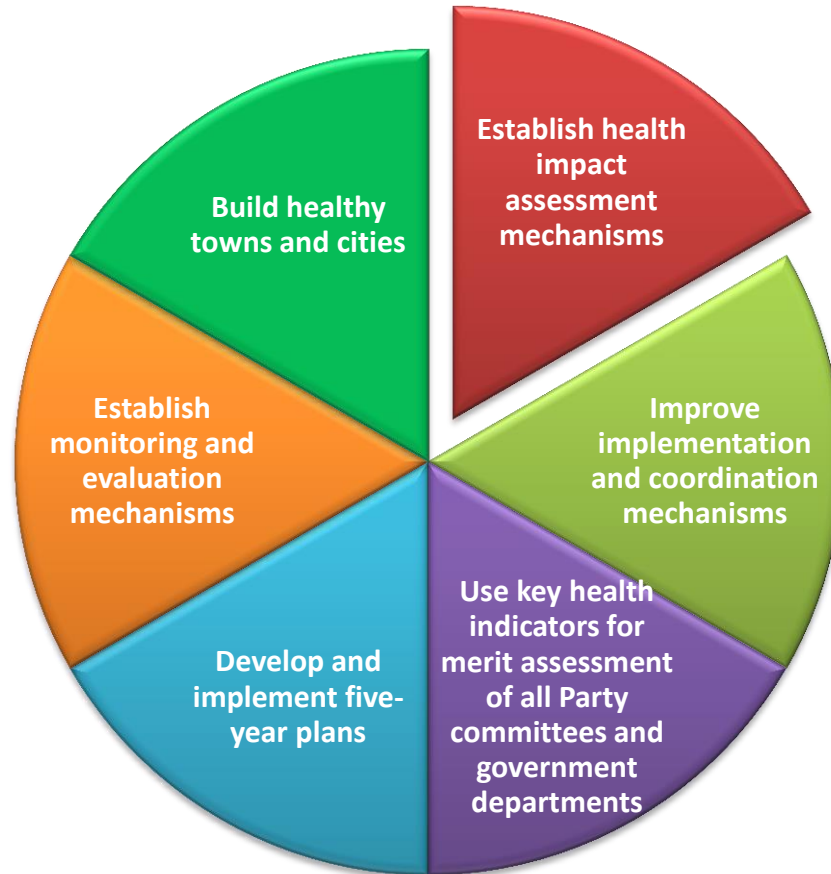
### Creating favorable social

- Create social awareness
- Create favorable conditions for implementation.



### Conducting implementation

- Details of policies and measures to be developed
- Monitoring & evaluation





**Thank you!**