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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Replacing GB/T 24465-2009

Health informatics - Health indicators conceptual framework

健康信息学 健康指标概念框架

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document replaces GB/T 24465-2009 "Conceptual Framework of Health Indicators in Health Informatics". Compared with GB/T 24465-2009, Apart from structural adjustments and editorial changes, the main technical changes are as follows.

- a) The term "health" and its definition have been added (see 3.1);
- b) Change "Non-medical health determinants" in Table 1 to "health determinants" and delete "fairness" (see Table 1, 2009 edition).

(Table 1)

- c) Change "Fairness Framework Dimension" to "Framework Dimension" (see 4.2, 3.2 in the

2009 edition);

d) Change "non-medical health determinants" to "health determinants" (see 4.2.2, 3.2.2 in the 2009 edition).

This document adopts ISO 21667:2010 "Health Informatics - Conceptual Framework for Health Indicators".

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the China National Institute of Standardization.

Introduction

In the process of promoting high-quality development of my country's health sector and building a Healthy China, population health monitoring and health system performance evaluation have become increasingly important.

To improve the level of medical and health services and optimize the health governance system, a systematic definition, standardized collection, and scientific management of health information are crucial.

Chemical analysis has placed higher demands on this field. At the same time, international exchange and cooperation in the health sector are becoming increasingly close globally, necessitating the establishment of unified and comprehensive...

The health indicator description and analysis system used has become an important foundation for realizing cross-border comparison of health data and mutual learning of international experience.

Its value lies in its ability to keenly reflect the development and changes in the health field across different regions and periods, and in its role in conducting health monitoring, formulating health policies, and assessing health conditions.

Important evidence of intervention effectiveness. The scientific selection and definition of health indicators require a clear conceptual framework to ensure that the indicators accurately measure their content.

Consistency with application objectives provides a unified conceptual foundation for information exchange, data integration, and decision support in the health field.

The health indicator conceptual framework established in this document is based on the characteristics of my country's population health and the actual development of its medical and health system, while also being in line with international standards.

By aligning with standards, the core and sub-dimensions for describing population health

and healthcare system performance were clearly defined, and a well-structured and widely applicable framework was constructed.

A comprehensive health indicator classification system. This framework is not only applicable to different regions and types of healthcare systems in my country, but also provides guidance for health initiatives across the country.

The selection, collection, and analysis of indicators provide general conceptual guidance and can be aligned with existing health indicator frameworks in various countries, contributing to my country's health data.

International exchange and comparison of data.

The application of this framework will promote the standardization of general vocabulary and concept definitions in my country's health field, and facilitate the dissemination of health information at the national and regional levels.

Efficient transmission and integration across all levels of the domain and organization are crucial for accurately understanding population health status, scientifically assessing health system performance, and identifying health-influencing factors.

This framework provides theoretical support. Simultaneously, it serves as a supplement and connection to international research and practices related to health indicators (such as economic cooperation and development).

To improve my country's ability to compare and analyze health data across regions, and to formulate health development strategies that suit my country's national conditions and optimize health human resources.

This provides a scientific basis for configuring and improving health and social system organizations, helps to enhance the precision of health governance in my country, and promotes the realization of health goals.

Fairness and sustainable development in the field.

Information regarding OECD-initiated projects and their relationship to the conceptual framework of health indicators in this document can be found in Appendix A.

Conceptual framework of health indicators in health informatics

1 Scope

This document establishes a conceptual framework for health indicators used in the field of health informatics. Its purpose is to promote the use of common vocabulary and concepts within the framework.

The formulation of a definition of sex. This framework.

b) It is broad (top-level) and applicable to a wide range of healthcare systems;

c) includes all factors related to health effectiveness, health system performance and application, as well as regional and national differences.

Note 1: The reasons for developing this framework are explained in Appendix B.

Note 2: Many countries have developed models to guide the collection and analysis of health indicators. Countries do not wish to change their existing frameworks. This framework is compatible with various...

This is consistent with existing national frameworks. For example, specific health indicator frameworks only address health system performance, while the methods recommended in this document can be used to enhance and/or supplement them.

Complement existing models in various countries.

Note 3: Different regions may choose to use different conceptual frameworks. Since conceptual dimensions represent high-level taxonomy, this document can provide guidance for countries in selecting specific conceptual frameworks.

Indicators provide effective judgment and flexibility. High-level taxonomy also has sufficient flexibility to allow for the emergence of new problems and the addition of new data.

And corresponding new indicators are added. Since no specific data elements are defined, each region can select the most relevant and applicable indicators based on its own specific circumstances.

The standard is incorporated into this framework.

This document does not identify or describe any individual metric or specific data element within the Health Indicators Conceptual Framework.

Standards for metadata, features, and common attributes are still to be developed.

The definition of a datum and/or the method of defining a datum are not within the scope of this document.

2 Normative references

This document has no normative references.

3 Terms and Definitions

The following terms and definitions apply to this document.

health

[Source. Ottawa Charter for Health Promotion, World Health Organization (WHO), 1986] 3.2 health indicator A single comprehensive measure, usually expressed quantitatively, represents a key dimension of health status, healthcare system, or related factors.