Standard

Standards of Basic Dataset of Chronic Disease Behavior Risk Factor Surveillance in Adults*

1 Scope

This document specifies the metadata attributes and data element attributes for the adult chronic disease behavior risk factor surveillance dataset.

It is applicable to the collection of data for the surveillance, survey, intervention and assessment of chronic disease behavior risk factors by health administrative departments, disease prevention and control institutions, primary healthcare organizations, health screening and management institutions and research institutes.

2 Normative References

The provisions in the following documents that were cited herein as references constitute the essential provisions of this Standards. For dated references cited, only their dated versions shall apply to this Standards; for undated references, their latest versions (including any amendments) shall apply.

GB/T 2260—2007 Codes for the administrative divisions of the People's Republic of China

GB/T 2261.1—2003 Classification and codes of basic personal information. Part 1: Codes for sexual distinction of human

GB/T 2261.2—2003 Classification and codes of basic personal information. Part 2: Codes for marriage status

GB/T 2261.4—2003 Classification and codes of basic personal information. Part 4: Codes for state of employment

GB/T 3304—1991 Names of nationalities of China in romanization with codes

GB/T 4658—2006 Codes for record of formal schooling

WS 364.3—2023 Classification and coding for value domain of health data element. Part 3: Demographic and social economic characteristic

WS 364.5—2023 Classification and coding for value domain of health data element. Part 5: Health risk factor

WS 364.13—2023 Classification and coding for value domain of health data element. Part 13: Healthcare expenditure

WS/T 370—2022 Standard for drafting of health information basic dataset

WS 371—2012 Basic dataset of basic information: personal information

WS 375.8—2012 Basic dataset of disease control. Part 8: Behavior risk factor surveillance

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Chronic and noncommunicable diseases

Chronic diseases

A group of diseases that are mainly caused by lifestyle and environmental factors, have an insidious onset, have a long and protracted course, and lack evidence of a definitive infectious biologic etiology.

Note: Chronic diseases currently in focus include cardiovascular diseases, cancer, chronic respiratory diseases, diabetes and mental health issues.

3.2 Behavior risk factor

Behavior and lifestyle factors that can cause a disease to occur or make it more likely to occur.

Note: Chronic diseases-related behavior risk factors mainly include personal behavioral and lifestyle risk factors such as smoking, alcohol consumption, unhealthy diet, insufficient physical activity, and sleep disorders.

3.3 Physical activity

An activity in which there is an increase in the body's energy expenditure due to the contraction of skeletal muscle.

Note: This document categorizes daily physical activity according to its type into occupational physical activity (including household activities), transportation physical activity, and recreational physical activity.

3.4 Moderate-intensity physical activity

Activities that require moderate physical effort, cause a mild increase in respiration and heart rate compared to the resting state, and usually consume three to six times the energy per minute as in the resting state.

3.5 Vigorous-intensity physical activity

Activities that require greater physical effort, cause a significant increase in respiration and heart rate compared to the resting state, and typically consume more than six times as much energy per minute as the resting state.

4 Dataset metadata attributes

According to WS/T 370-2022, the metadata attributes of the dataset are shown in Supplementary Table S1 (available in www.besjournal.com).

5 Data element attributes

5.1 Data element common attributes

The data element common attributes are shown in Supplementary Table S2 (available in www.besjournal.com).

5.2 Data element-specific attributes

5.2.1 Personal basic information data element-specific attributes

Personal basic information data element-specific attributes are shown in Supplementary Table S3 (available in www.besjournal.com).

5.2.2 Behavior risk factor data element-specific attributes

Behavior risk factor data element-specific attributes are shown in Supplementary Table S4 (available in www.besjournal.com).

6 Data element value field codes

Data element value field codes are shown in Supplementary Tables S5-S10 (available in www.besjournal.com).