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**Educational management information. Primary and secondary
school management information**
(English Translation)

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 - 6.8 ZXFC Real Estate and Facilities Data Subset
 - 6.9 ZXSB Instrument and Laboratory Management Data Subsets
 - 6.10 ZXTS Library Management Data Subset
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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

Please note that some elements of this document may involve patents. The issuer of this document is not responsible for identifying these patents.

This standard is proposed and managed by the Ministry of Education.

This standard was drafted. Education Management Information Center of the Ministry of Education.

Introduction

The purpose of this standard is to establish a management information system applicable to ordinary middle and primary schools in China, and to define the basic data elements for the primary and secondary schools.

School management informatization provides important guidance.

This standard builds a basic metadata model on which the various attributes of data elements are described. Unified norms Elementary and secondary school management information system and definition of corresponding data elements. Dividing and designing data elements of basic information for ordinary primary and secondary schools 11 business management including students, faculty and staff, teaching and research, sports and health, office management, real estate and facilities, equipment, and library management A subset of physical data and a subset of basic school data. Each data subset is divided into data categories according to information organization, and some data categories are also divided into subcategories.

This standard is related to the "Information Standards for Education Management" (Part 1. Standards for School Management Information) issued by the Ministry of Education in 2002.

The part of ordinary elementary and junior high schools is formulated as the main basis.

In order to regulate the value range of the data element value space, in addition to quoting national standard codes and industry standards in the "normative reference documents" chapter in addition to the quasi-documents, some code documents that the Ministry of Education has officially released as a work specification and have been used for many years are also cited. According to ordinary small and medium the actual management of scientific information needs to prepare a batch of code files to form the code set of this standard.

Educational management information

1 Scope

This standard establishes the basic system structure and metadata structure of data elements for ordinary primary and secondary schools. Prescriptive Elementary schools manage data elements and management information codes.

This standard applies to the design and use of the data structure of general management information systems in primary and secondary schools.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this document.

For undated references, the latest version (including all amendments) applies to this document.

GB/T 2260 Administrative division code of the People's Republic of China GB/T 2261.1 Personal Basic Information Classification and Codes Part 1. Human Gender Codes GB/T 2261.2 Personal Basic Information Classification and Codes Part 2. Marital Status Codes GB/T 2261.3 Personal Basic Information Classification and Code Part 3. Health Status Code GB/T 2261.4 Classification and codes of personal basic information Part 4. Employment status (personal identification) code GB/T 2659 countries and regions GB/T 3304 Roman alphabet spelling and codes for names of various ethnic groups in China GB/T 4657 Central Party and government agencies, people's organizations and other organizations code GB/T 4658 academic code GB/T 4754 Classification of National Economic Industries GB/T 4761 Family Relationship Code GB/T 4762 Political appearance code GB/T 4880.1 Language name codes Part 1. 2-letter codes GB/T 4881 Chinese language code GB/T 6565 occupation classification and code GB/T 6864 People's Republic of China degree code GB/T 6865 Language Proficiency and Foreign Language Exam Grade Codes GB/T 7156 Document Security Level Code and Identification GB/T 7408 Data element and exchange format information exchange date and time representation GB/T 8561 professional and technical job code GB/T 8563.1 Reward and disciplinary information classification and codes Part 1. Reward codes GB/T 8563.2 Awards and Disciplinary Information Classification and Codes Part 2. Codes of Honor and Medal of Honor GB/T 8563.3 Awards and Disciplinary Information Classification and Codes Part 3. Disciplinary Codes GB/T 12402 classification and codes of economic types GB/T 12403 cadre title name code GB/T 12406 code for currency and funds GB/T 12407 post code GB/T 12408 Social Part-Time Code GB/T 13745 Subject Classification and Code GB/T 14946.1-2009 National Cadre and Personnel Management Information System Index System and Data Structure Part 1. Classification of Index System with code GA 214.12 Normative population management information specification Part 12. Religious belief code GA324.1 Population Information Management Codes Part 1. Hukou Category Codes JY/T 1001 Education Management Information Education Management Basic Code JY/T 1002 Education Management Information Education Management Basic Information JY/T 1003 Education Management Information Education Management Information

3 Terms and definitions

The following terms and definitions apply to this standard.

Information

Knowledge about the state of things and their operating laws, in a form suitable for communication, storage, or processing.

Data

Reinterpretable formal representation of information. It can be identified, stored, and processed by a computer.

Data element

A unit of data described by a series of attributes such as definition, identification, representation, and allowed values is inseparable in a specific semantic environment the smallest data unit.

Metadata

Describe the data of a specific information resource object, and can identify and manage the object to achieve effective discovery and acquisition of information resources.

Data item

The smallest identification unit with independent meaning.

Data class

A collection of related data elements that describe the same object (a business segment).

Data subcatalog

If the business link described by the data class can be decomposed into several relatively independent objects, then the relatively independent object-related data element set Collectively referred to as data subclasses.

Data set

A collection of all data elements described in this standard.

Data subset

A collection of data elements divided by primary and secondary school functional area (mainly management business).

4.1 Metadata composition for general primary and secondary school management information

The metadata of common primary and secondary school management information is divided into different subsets, and its architecture is shown in Figure 1. It also expresses the data set and Association of code sets. General primary and secondary school management information consists of the following 12 subsets.

-ZXXX school profile data subset. a combination of data element definitions for school