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**Educational management information. Educational
management general information
(English Translation)**

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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. Tsinghua University, Fudan University, Education Management Information Center of the Ministry of Education, Peking University.

1 Scope

This standard establishes the most basic information architecture and metadata structure of data elements in education management information, and specifies the education management base.

This data element.

This standard applies to all types of educational institutions such as kindergartens, ordinary primary and secondary schools, secondary vocational schools, higher schools, and education administrative management.

Data structure design of education management information system of the management department.

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 Name Codes of Countries and Areas in the World (ISO 3166, MOD) GB/T 3304 Roman alphabet spelling and codes for names of various ethnic groups in China GB/T 3469 Document Type Code 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 (ISO 639-1:2002, MOD) GB/T 4881 Chinese language code GB/T 6864 People's Republic of China degree code GB/T 6865 Language Proficiency Code GB/T 7408 Data Element and Interchange Format Information Exchange Date and Time Representation (ISO 8601:2000, IDT) 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 cadre job level 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 GB/T 16502 Classification and code of employer GA 214.12 Normative population management information specification Part 12. Religious belief code GA 324.1 Population Information Management Codes Part 1. Hukou Category Codes JY/T 1001 Education Management Information Education Management Basic Code Classification and coding of fixed assets in colleges and universities,

information management standards for education, part 1. information standards for school management, the People's Republic of China Ministry of Education, People's Posts and Telecommunications Publishing House, December.2002 Classification and codes of teaching equipment and equipment products (materials), education management information standards Part 1. School management information standards, China People's Republic of China, Ministry of Education, People's Posts and Telecommunications Publishing House, December.2002 Professional Directory of Secondary Vocational Schools, Ministry of Education of the People's Republic of China, Higher Education Press, 2010, ISBN.

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Catalogue of Degree Granting and Talent Training Disciplines, Notice on Printing and Distributing the Catalogue of Degree Granting and Talent Training Disciplines (2011) [2011] No.11, Academic Degrees Committee of the State Council, Ministry of Education Documents) Catalogue of Professional Degree Awards and Talent Training, Notice on Printing and Distributing the "Catalogue of Degree Awards and Talent Training (2011)" [2011] No.11, Academic Degrees Committee of the State Council, Ministry of Education Documents) Catalogue of Undergraduate Programs in General Colleges and Universities, Statistical Standards of China Education Statistics Network, Ministry of Education of the People's Republic of China Catalogue of Guiding Majors in Higher Vocational Education (Trial), General Higher Education, Statistics of China Education Statistics Network

3 Terms and definitions

The following terms and definitions apply to this document.

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, Collections are called data subclasses.

Data set

A collection of all data elements described in this standard.

Data subset

A collection of data elements divided by educational management functional area (main management business).

3.10

Code

A symbol describing the value of a single object. The symbol should have a certain regularity, which is easy for computers and people to identify and process.

3.11

Educational Management General Information EMGI (abbreviation) Basic information on education management business.

4.1 Composition of Metadata for Education Management Basic Information

EMGI's metadata is divided into different subsets, and its architecture is shown in Figure 1. EMGI consists of the following 5 subsets.

-JCTB common/standard data subsets. common/standard data element definitions that combine the following 4 subsets;

-JCXX school data subset. a combination of basic data element definitions for school profile data classes;

-JCXS student data subset. a combination of basic data element definitions for student management data classes;

-JCJG faculty data subset. combines basic data element definitions for faculty management data classes;

-JCBX School Condition Data Subset. Combines the basic data element definitions of the