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

WS/T 596-2018

**Basic functional specification of population death register
information system
(English Translation)**

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Foreword

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

This standard was proposed by the National Health Standards Committee Information Standards Committee.

1 Scope

This standard specifies the basic functions of the population death registration information system, including business management, system management and data exchange.

This standard applies to the development and construction of death registration information systems at all levels of disease prevention and control centers and various medical institutions.

2 Normative references

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

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

WS 375.9 Basic data set for disease control - Part 9. Medical certificate of death WS/T 483.11 Health Archives Sharing Document Specification Part 11. Death Medical Certificate

3 Terms and definitions

The following terms and definitions apply to this document.

Resident death medical certificate (inference) book death medical certificate (inference)
Medical certificates issued by medical and health institutions that explain the deaths of residents and their causes are the basic sources of information for population management and vital statistics.

4.1.1 Death Case Information Creation

Death case information creation includes the following features.

- Establish or automatically generate death case information, using the "Resident Death Medical Certificate (Inference)" number as the only death case the identifier, the system enters the death case information including the name of the deceased, the gender, the date of birth, the ID number, the code of the household registration, Permanent residence code, disease diagnosis, time of diagnosis, outcome, cause of death, etc.;
- Provides basic data verification functions, and the verification rules should follow the specific requirements of WS 375.9.

4.1.2 Death Case Information Print

Death case information printing includes the following features.

- Standardized printing function of death case information, printing the "Resident Death Medical Certificate (Inference) Book" in standard format;
- The printed death case information flag prohibits modification.

4.1.3 Death Case Information Review

The death case information review scope includes the death cases created and the deaths exchanged by the subordinate organizations, and the classification is provided according to the audit management needs.

Audit function. Specific requirements include.

- Level-by-level review of the underlying cause of death and disease classification code;
- Audit reminder. the reminder and audit time reminder function to realize the content to be audited, which is not suitable as the root cause of death and cannot be used as the cause of death of the underlying cause of death should be clearly indicated;
- Review comments. You can view the content to be reviewed, review the historical information, and sign the opinions.

One processing person or returning to the previous processing person.

4.1.4 Correction of death case information

The revised modification of the death case information includes the following functions.

- The death case correction function is provided when the reported death case information is reviewed, when it fails or the information changes;
- Provides death case modification features, including logic checksum logging.

4.1.5 Death Case Information Check and Consolidation

The "Resident Death Medical Certificate (Inference) Book" number is used as an index to provide automatic detection of the death report card, which can the death case information that is repeatedly established in the same disease period in the same disease period is checked, eliminated, and merged; the log is recorded when culling and merging Record and recover from misuse records.

4.1.6 Death Case Information Discard

The death of death case information includes the following features.

- Discard confirmation and discarding cause reporting functions, and provide discarding logging function;
- Discard ID function, no physical deletion;
- Abandonment of the deceased case information activation function to achieve re-registration of death case information;
- Managed functions such as record, modification, summary statistics, etc. of discarded information related to death cases.

4.1.7 Query and export of death case information

The death case information query and export includes the following functions.

- Multi-condition combination query and display function, support precise query and fuzzy query;
- Query results support page turning and sorting functions;
- The query results support the export function.

4.2 Reporting of death cases

The self-reported death case information registered in the system is reported, and the functions include.

- Automatic or manual reporting of death case information;
- The death case information is reported to the log record, and the log record query function is provided.

4.3 Statistical analysis of death case information

Summary, statistics, analysis and visual display of death case information in the jurisdiction, including.

- Report the death number or mortality calculation and display function, and provide multi-condition combination statistical report export function
- Multi-dimensional, multi-form statistical reports or geographic information data display capabilities.

4.4 Data Quality Report

The data quality of death cases in the area is summarized, statistically analyzed and visualized. The functions include.

- Data quality management functions such as timeliness, completeness and accuracy of report data, and data export management report export function;
- Fill in the organization's data quality report management function and provide the corresponding report export function.

5.1 User Authentication and Rights Management Functions

User authentication and rights management include the following features.

- User creation, modification, deletion, query, export and other functions;
- The function of creating, modifying, deleting, and querying roles;
- The function of assigning operation rights by the user, and the user changing the information recording function related to the operation authority;