Pre-primary, Primary and Secondary Educational Statistics Survey

2015. 11
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I. Overview

Objectives

- Collect on the data of survey items for schools
- Provide statistical data for educational policymaking and research

Legal basis

- The directive about educational statistical survey (partly amended on March 24, 2014, the Ministry of Education, No. 50)
- Educational statistical survey (designated statistics): National Statistical Office approval No. 33401

Survey subjects & Items

- Date of survey: April 1, Oct. 1 on an semi-annual basis
- Utilizing source material from National Education Information System (NEIS)
- Subject of survey: Kindergarten, Primary, Secondary, Special School, Civic School, Civic High School, Miscellaneous School, Trade High School
I. Overview

Survey Process

On a semi-annual basis

Survey Planning
Data Collection
Verification
Analysis & Service
Improvement
I. Overview

Survey Process

[Training Session for Educational Statistics officers]

[Meeting with Educational Statistics officers]

[Operate Call Center]
II. History

Early stage

1962 : Began the First survey
1963 : NSO approval
Low Reliability & Low Applicability of Survey Data

KEDI Survey

1998 : KEDI conducted survey
Independent survey system (KEDI)
2006 : became Designated Statistics
Data collection on Schools & Regional Offices of Education

NEIS

2008~2009 : Trial Operation
2010 : Launched School statistics linked with NEIS
Linked with Public disclosure of information
2014 : Conducted the second half year survey
III. Survey System and Items

1. NEIS System

- NEIS : National Education Information System

- Data-processing System in Educational information for Schools, local offices of Education and Regional offices of Education

- Developed and managed by KERIS (Korea Education & Research Information Service)

- Launched in 2002

- Conducted educational statistical survey with next generation NEIS educational statistical system in 2011

- Items: School affairs, School administration, General administration, Financial system, Service for parents, Service for students, Civil service, etc.
III. Survey System and Items

1. NEIS System

- MOE
  - Statistics
  - Administration

- Regional office of Education
  - Local office of Education
    - Public support
    - General Administration
      - Auditing
      - Qualification Exam
      - Salary (public institutions)
      - Salary (private institutions)
      - Statistics

- Schools
  - School affairs
  - Admission
  - Health

Source: http://www.neis.go.kr/pas_mms_nv88_001.do?returnDomain=A00
III. Survey System and Items

2 Educational Statistics Survey

Survey system

NEIS

Raw Data → School information disclosure

KEDI

Raw Data → Data input → KEDI Statistics

http://www.schoolinfo.go.kr/

KESS

KEDI Statistics → [Educational Statistics (by province)]

[Statistical Yearbook of Education]
III. Survey System and Items

2 Educational Statistics Survey

Survey Items

[Schools]

Name of school, Name of principal, Type of institution, Address, Day/Night, etc. (31 Items)

School site, Buildings, Quantity of Energy usage, Current status of Possessed Computer, Clerical staffs, etc.

[Teachers]

Name, Registration number, Pay Grade, Position, Academic background, Teaching hours, etc. (36 Items)

*Individual survey
III. Survey System and Items

2 Educational Statistics Survey

Survey Items

[Students]

Students by age, Students by class, Admission, Graduates, Employment, Turnover of students, Studying abroad, Returnee, Multicultural Students, etc.

[Regional/Local office of Education]

Summary, Members in Educational administration, Native English Teachers, Teacher Certification exam, Issuance of Teacher’s Certificates, Education budgets, Private institutes, Reading rooms, etc. (26 Items in total)

### III. Survey System and Items

#### Educational Statistics Survey

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| 예시 | Example Data Input Page for 'Summary'. Data of Yellow cells are provided from NEIS.
※ Example is data input page for ‘Number of students by age, class and gender’. Data of Yellow cells are provided from NEIS.
III. Survey System and Items

2 Educational Statistics Survey

Survey Process

[Regional office of Education]

[Local office of Education]

[Kindergarten]
[Elementary School]
[Miscellaneous School (Elementary)]

[High School]
[Trade high school]
[Miscellaneous School (High school)]

[Middle School]
[Civic high School]
[Miscellaneous School (Middle school)]

[Special School]

[KEDI DB]

[Announce Survey]
[Reply to Inquiries]
[Collect data]
III. Survey System and Items

2. Educational Statistics Survey

Verification

Data Input

Modification (first verification)

Deadline For Data input

Aggregate (Second verification)

Exception Input

Finalize Data

Submit Data

Error Check (requiring modification)

Exceptional reason

Error Check

Pre-primary, Primary and Secondary Educational Statistics Survey
IV. Achievement and Challenges

1. Achievements

- Improve Reliability
- Reduce Teacher’s Work load
- Ease and Timeliness of Verification
- Ease of System Error Modification
- Linked with Public Disclosure of School information
- Data Security enhancement
IV. Achievement and Challenges

2 Challenges

- Accuracy of NEIS raw data
- Improvement of Survey Items
- Students Information at Individual level