Employment of Higher Education Graduates
Statistical Survey

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1. Summary of Employment of Higher Education Graduates Statistical Survey
2. Contents of Employment Survey
Summary of Employment of Higher Education Graduates Statistical Survey

1. Summary of Survey  2. Progress and History of Survey
Summary of Employment of Higher Education Graduates Statistical Survey

Summary of Survey

Survey Purpose

- Providing useful basic information for educational policies
- Calculation of Accurate Employment rate
- Grasp of training and usage for creative H.R
- Guiding Students and Parents Career

Legal basis

   - No. 33403 from approval of National Statistics Office

2. No. 234 from instructions of Ministry of Education
Summary of Employment of Higher Education Graduates Statistical Survey

Progress & History

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
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| ’04~’09 | Employment Survey from University  
Survey through telephone & Email |
| ’10~’11 | Employment Survey linked with Healthy Insurance  
Employee insured  
Survey of Period Employment |
| ’12 | Employment Survey linked with Healthy Insurance and National Tax  
Twice per year |
| ’13 | Increase of period Employment survey (2⇒4 times) |
| ’15 | Decrease of Survey from University (2⇒1 times) |
Contents of Employment Survey

Contents of Employment Survey

Employment Rates

Standard of Calculation Employment Rates

Data & Target

- Date of Survey: 31st, December
- Target of Survey: Graduates of Aug. and Feb. from 552 Higher Educations

Employment Rates

\[
\text{Employment rates} = \frac{\text{Employee insured} + \text{Employee at alma mater} + \text{Employee abroad} + \text{Agriculturist} + \text{Sole proprietor} + \text{Freelancer} + \text{Creative Activity}}{\text{Graduates} - (\text{Advanced into Higher Schooling} + \text{Enlisted} + \text{Unable to Work} + \text{Exempt} + \text{Foreign Studies})} \times 100
\]
Contents of Employment Survey

Target of Survey

- Junior College/University/University of Education
- Industrial University/Miscellaneous School
- Polytechnic College/General Graduate School

Exemption

- the Air and Correspondence College, Distance & Cyber University, College in the company, Special and Professional Graduate School
- The Universities and colleges without graduates
Summary

Rates of keeping the insured during 3 months, 6 months, 9 months, 12 months

Target: Employee insured at June 1st

1st Period rates = \[
\frac{\text{Employee insured at June 1st & Sep. one day}}{\text{Employee insured at June 1st}} \times 100
\]

2nd Period rates = \[
\frac{\text{Employee insured at June 1st, Sep. & Dec. one day}}{\text{Employee insured at June 1st}} \times 100
\]

3rd Period rates = \[
\frac{\text{Employee insured at June 1st, Sep. Dec. & Mar. one day}}{\text{Employee insured at June 1st}} \times 100
\]

4th Period rates = \[
\frac{\text{Employee insured at June 1st, Sep. Dec. & June one day}}{\text{Employee insured at June 1st}} \times 100
\]
Process of Employment Survey

Process of Employment Survey

Survey Period

- Graduation date
- Official Announcement
- Performing Survey
- Survey of Dec. 31th, 2015

Date of Survey: December 31th, the preceding year
Survey Period: Feb.~ Mar., the current year
Survey Method: Complete Enumeration
Official announcement: Nov., the current year
Submit the Personal data of Graduates
- Submit the Personal data of graduates from universities and colleges

Linked with related public DB
- Linked with Health Insurance, Korea Student Aid Foundation, Military Administration, Human Resources Management Service

Linked with National Tax Service
- Count the number of Sole proprietors and Freelancers

Perform the survey from university
- Perform the survey about the omitted graduates linked with related public DB
Process of Employment Survey

Process of Big data gathering

KEDI

GRADUATES: about 560,000

UNABLE TO WORK: DEAD

EMPLOYEE INSURED

ENLISTED

ADVANCED INTO HIGHER SCHOOLING

UNABLE TO WORK: DEAD

EMPLOYEE ABROAD

ADVANCED INTO HIGHER SCHOOLING

KOREA STUDENT AID FOUNDATION

SOLE PROPRIETOR, FREELANCER

UNABLE TO WORK: DEAD

EMPLOYEE INSURED

ADVANCED INTO HIGHER SCHOOLING

CREATIVE ACTIVITY, EMPLOYED IN SCHOOLING, AGRICULTURIST, etc.

NATIONAL TAX SERVICE

UNABLE TO WORK: DEAD

EMPLOYEE INSURED

ADVANCED INTO HIGHER SCHOOLING

NATIONAL HEALTH INSURANCE SERVICE

HUMAN RESOURCES DEVELOPMENT SERVICE OF KOREA

MILITARY MANPOWER ADMINISTRATION

University
Process of Employment Survey

Advantages and Disadvantages

**Advantages**

- Reduce the time to survey employment
- The higher accuracy and reliability
- Reduction of budget and effort to survey employment

**Disadvantages**

- Security for personal data
- Limitation of gathering detailed data of employment
- Difficulty of cooperation scheme between organization
Process of Employment Survey
Problems and Solutions

**Problems**

- Security for personal data
- Resistance of gathering one’s own personal information data
- Analysis limitation because of lack of detail employment data

**Solutions**

- Establishment the law to collect and gather detail personal employment data
- Building the security network in the process of linking the personal data between related organizations