



# Employment of Higher Education Graduates Statistical Survey

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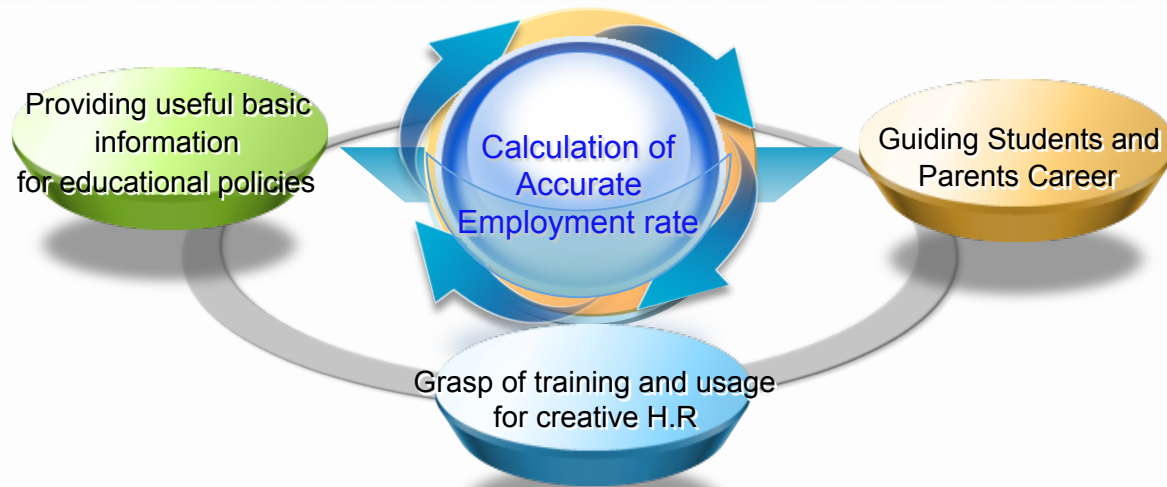
# I Summary of Employment of Higher Education Graduates Statistical Survey

1. Summary of Survey 2. Progress and History of Survey

# I Summary of Employment of Higher Education Graduates Statistical Survey

## Summary of Survey

### Survey Purpose



### Legal basis

1

Statistics Act. 24

▪ No. 33403 from approval of National Statistics Office

2

No. 234 from instructions of Ministry of Education

# I Summary of Employment of Higher Education Graduates Statistical Survey

## Progress & History

### Progress and History

'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)

# II

## Contents of Employment Survey

1. Employment Rates 2. Period Employment Rates 3. Target of Survey



# Contents of Employment Survey

## Employment Rates

### Standard of Calculation Employment Rates

#### Data & Target

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

#### Employment rates

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



# Contents of Employment Survey

## Target of Survey

### 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





# Contents of Employment Survey

## Period Employment Rates

### Summary

- ➔ Rates of keeping the insured during 3months, 6month, 9month, 12 month
- ➔ Target : Employee insured at June 1<sup>st</sup>

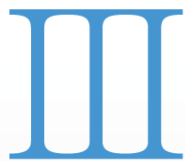
### 유지취업률 산출식

- ➔ 1<sup>st</sup> Period rates = 
$$\frac{\text{Employee insured at June 1<sup>st</sup> \& Sep. one day}}{\text{Employee insured at June 1<sup>st</sup>$$
- ➔ 2<sup>nd</sup> Period rates = 
$$\frac{\text{Employee insured at June 1<sup>st</sup>, Sep. \& Dec. one day}}{\text{Employee insured at June 1<sup>st</sup>$$
- ➔ 3<sup>rd</sup> Period rates = 
$$\frac{\text{Employee insured at June 1<sup>st</sup>, Sep. Dec. \& Mar. one day}}{\text{Employee insured at June 1<sup>st</sup>$$
- ➔ 4<sup>th</sup> Period rates = 
$$\frac{\text{Employee insured at June 1<sup>st</sup>, Sep. Dec. \& June one day}}{\text{Employee insured at June 1<sup>st</sup>$$



## Process of Employment Survey

1. Survey Period
2. Process of Employment Survey
3. Process of Big data gathering
4. Advantages and Disadvantages
5. Problem and Solution



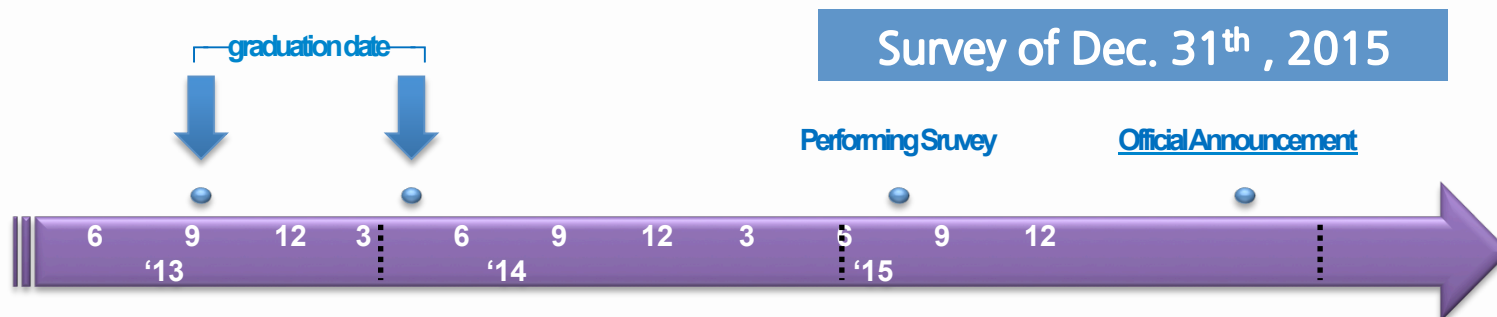
# Process of Employment Survey

## Survey Period

### Survey Period

#### Employment Survey

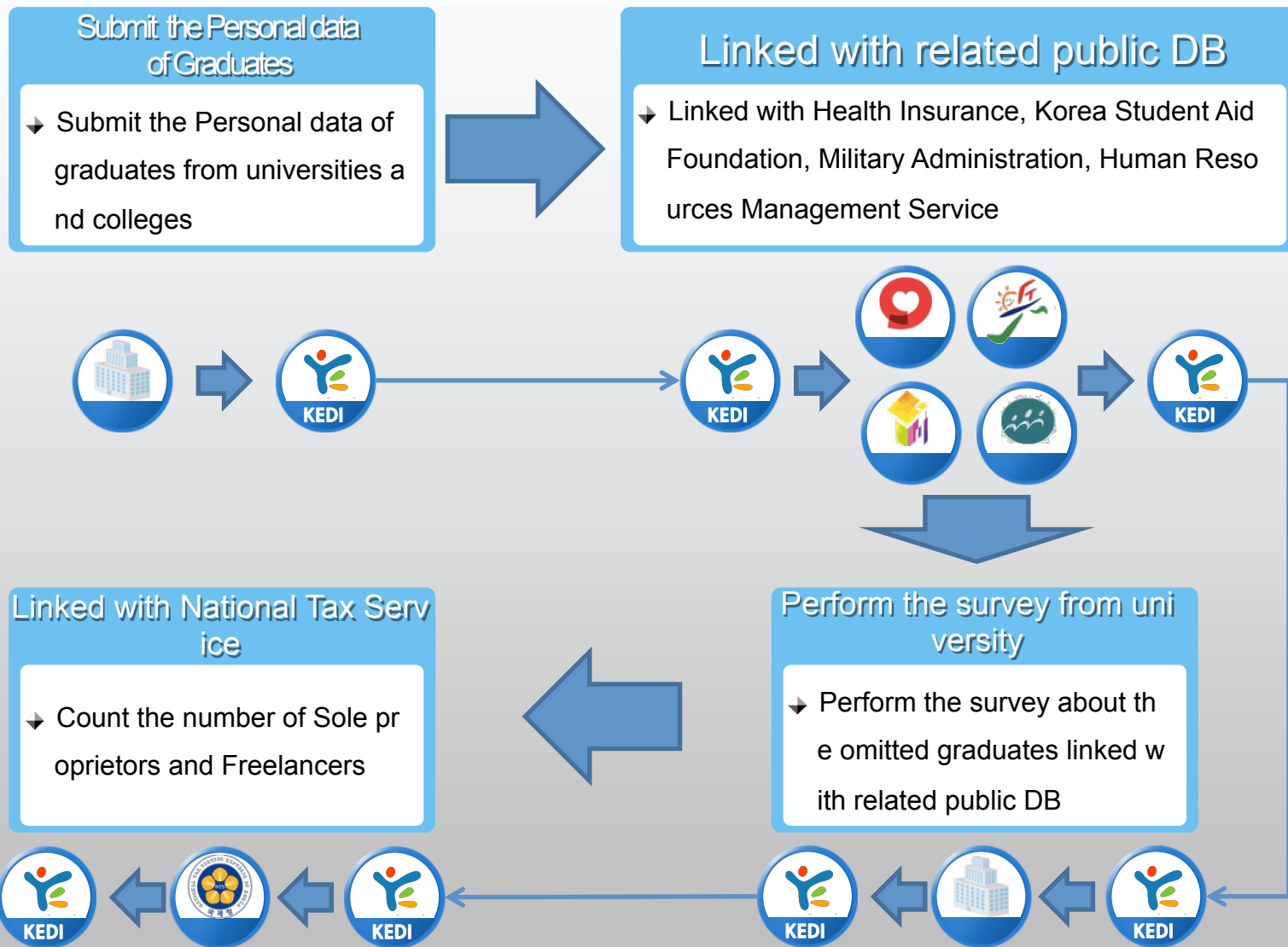
- Date of Survey : December 31th, the preceding year
- Survey Period : Feb.~ Mar., the current year
- Survey Method : Complete Enumeration
- Official announcement : Nov., the current year



# III

## Process of Employment Survey

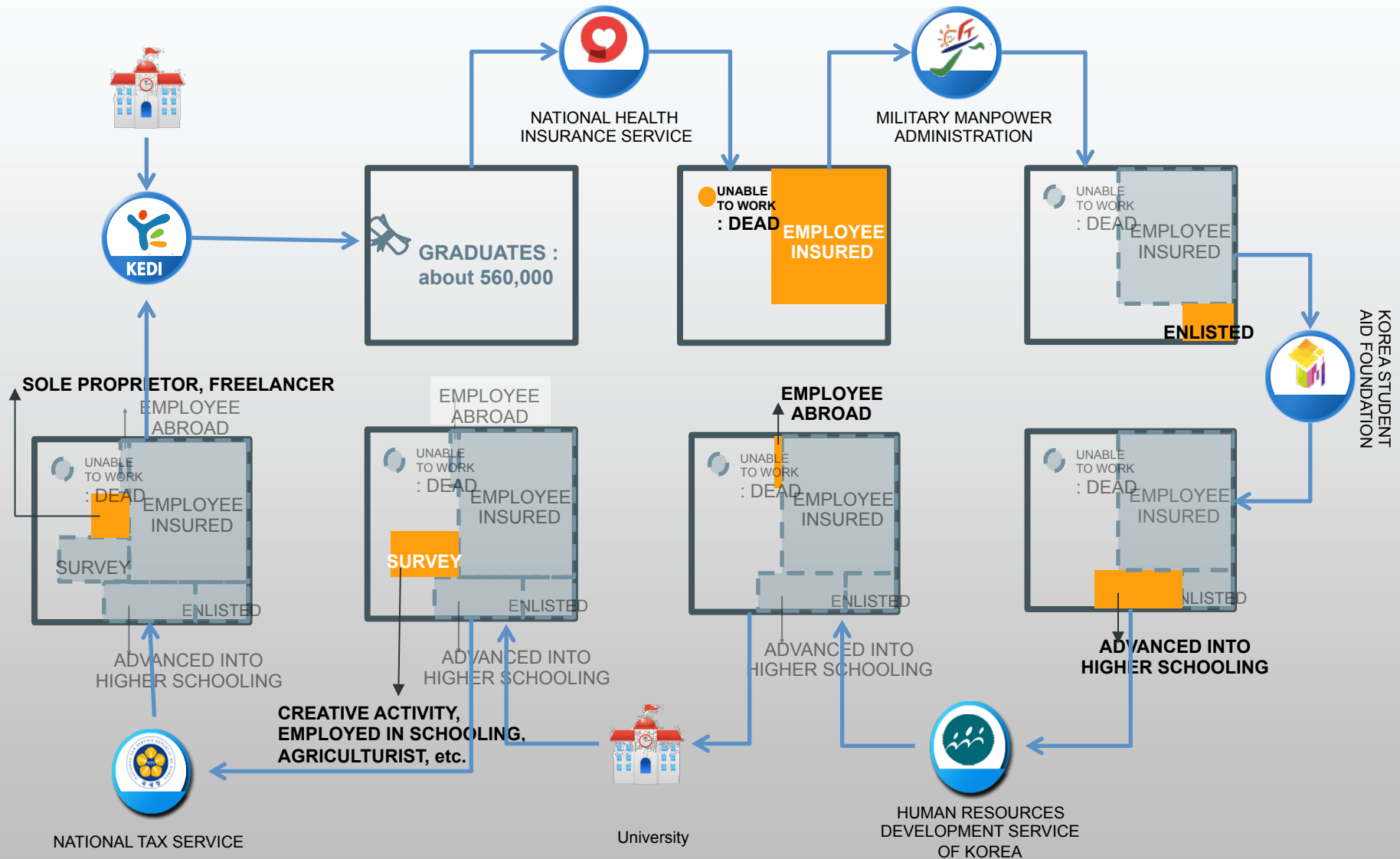
### Process of Employment Survey

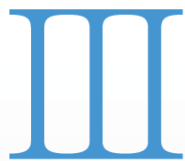


# III

## Process of Employment Survey

### Process of Big data gathering





# Process of Employment Survey

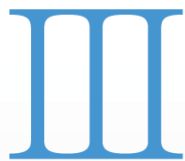
## Advantages and Disadvantages

### 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 detail 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

# 감사합니다



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