

Get the **STATISTICS**, and see the **FUTURE**

Statistical Training Institute (STI) : Republic of Korea

<http://sti.nso.go.kr>

Do you want to be a competent person ?
STI makes the way for you!





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Introduction of 'Statistical Center'



I . Function & Organization

Purpose

- Providing statistical training to statistical personnel, not only from the KNSO (Korea National Statistical Office), but also from other governmental agencies, local governments and non-governmental agencies involved in statistics.
- Offering statistical training to statistics users including reporters, students, and the private organization.
- Promoting the understanding of statistics-topics related and boosting the ways to use statistics in public

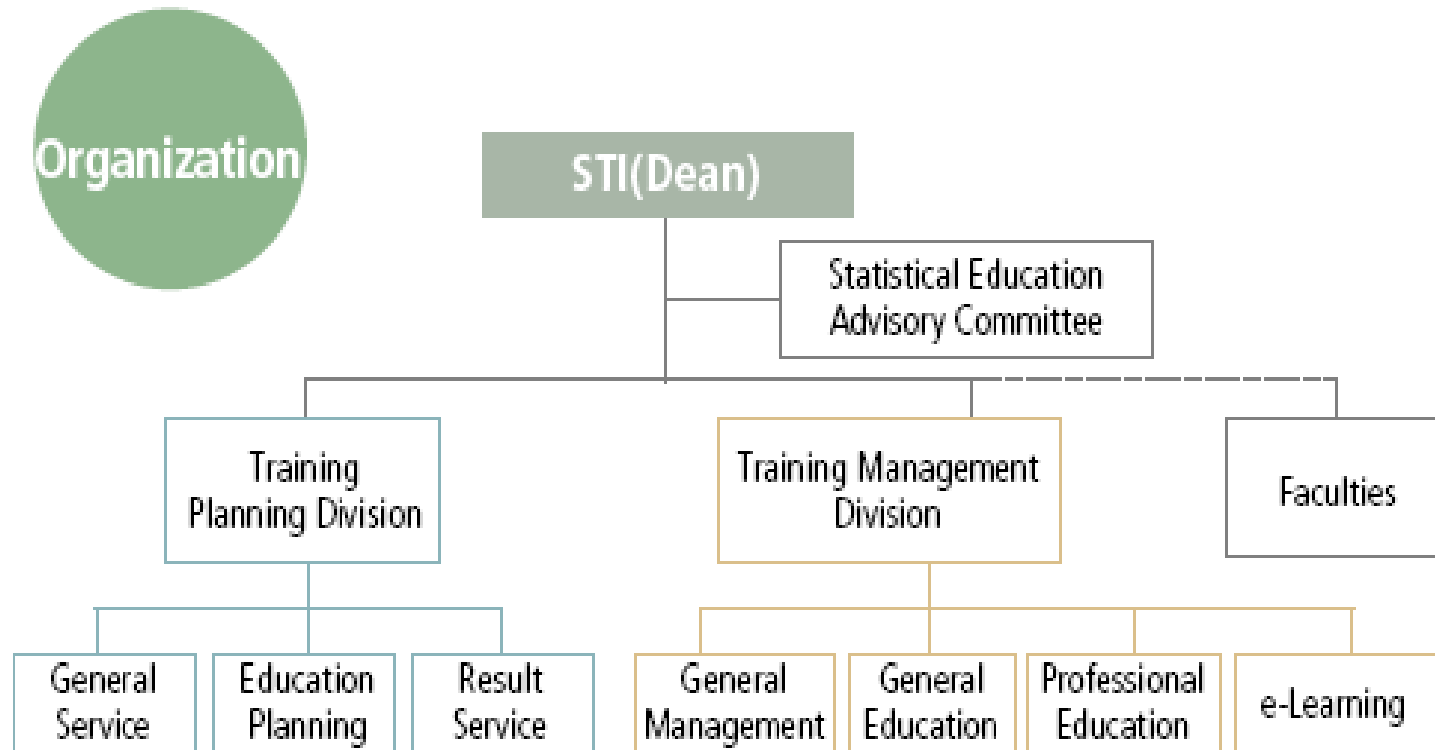
I. Function & Organization

History

- 1991 : Establishment of STC (Statistical Training Center) for the purpose of training statistical professionals
- 
- 1999 : Reorganized into STC of the National Professional Administration Training Center under the Ministry of Government Administration and Home Affairs, moving to Daejeon
- 
- 2005 : Reorganized into **STI (Statistical Training Institute)** under KNSO (Korea National Statistical Office)
 - 2007 : Establishment of e-Learning Center

I. Function & Organization

Organization



I. Function & Organization

Mission

Nurturing Statistical experts
Promoting understanding of Statistics

Objectives

Intensifying the ability of statistical personnel
Developing the education of statistics users

Action

Supporting
regular
learning

**e-Learning
Blended Learning**

Intensifying
professional
level
education

**CBC
Certification
System**

Developing
education
service
focusing
on users

**On Demand
education**

Expanding
education
infrastructure

**LMS
Person
Budget
New building**

Education Direction in 2007, 2008

- Supporting regular learning of statistics
- Intensifying durability of professional level education related to statistics
- Developing education service focusing on users
- Keeping expanding education infrastructure

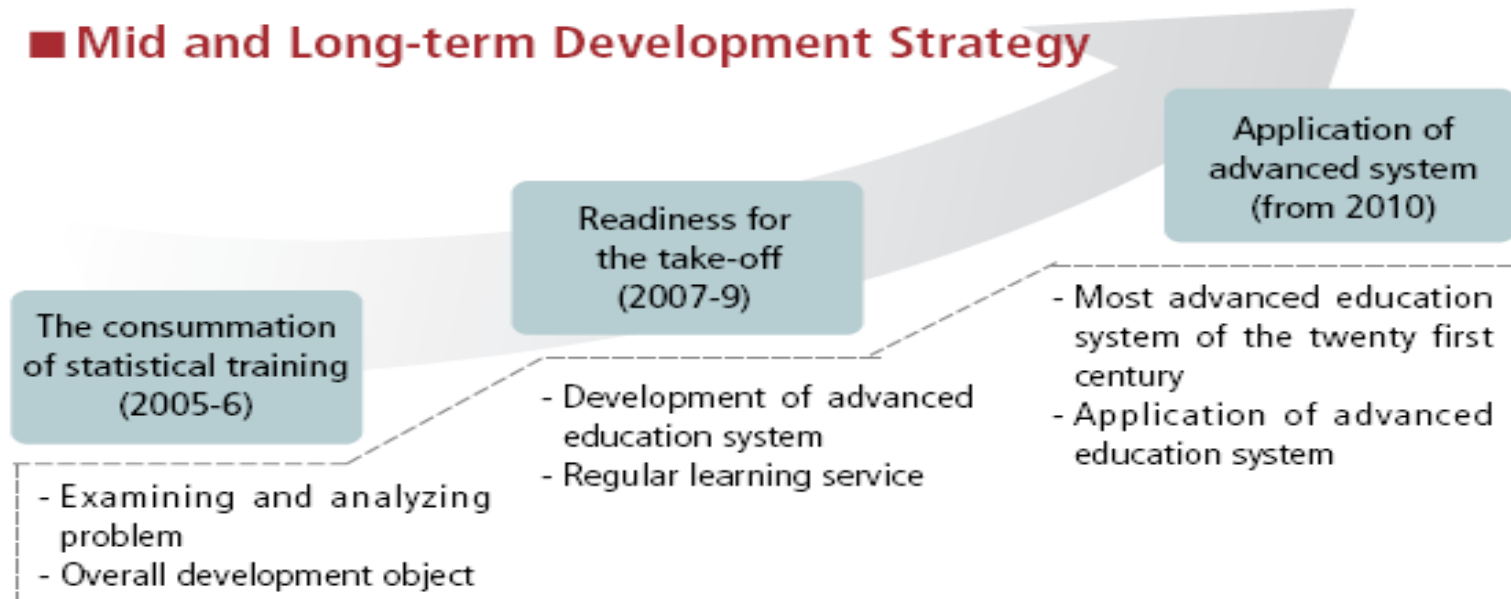
II. Education & Training

STI COURSE

● Course Goal

- Intensification of national statistical base and training of statistics professionals to raise statistical quality
- Promoting the understanding of statistics users by boosting statistical training

■ Mid and Long-term Development Strategy



II. Education & Training

● Main course type

- Statistical education
- Statistics users' education course
- Problem-based learning, participation-based learning and discussion-based learning through Action-Learning
- Foreigner courses to intensify international cooperation in statistical education
- Regular learning course through broadcasting lecture and e-Learning course
- Computer course to keep up with information-oriented society
- Order-oriented course to meet users' demand

III. Curriculum

Courses

- **Statistics course** : Course including a statistical theory, the practical performance and its package course to develop statistics professionals
 - For KNSO staff
Statistics Quality Management, Statistics Administration Management, Beginner Statistics Theory and practice, Advanced Economy Statistics, Advanced Social Statistics and so on.
 - For local Statistical office staff
Statistics Development Planning, Techniques for a statistical survey, Business practice related to economy and society and so on.
 - For non-governmental agencies involved in statistics
Business practice for local statistics, Survey Planning Theory, The understanding of financial statements and so on.
 - For other governmental agencies and general public
Survey Practice, Industry classification, occupation classification, Basic statistics and application and so on.
Analyzing course using SAS, SPSS and EXCEL and so on.

III. Curriculum

- **Statistics users course:** Course to improve application abilities with statistics data and spread better understanding of statistics
 - Conducting Research School for Statistics Education appointed by the Ministry of Human and Resources Development
 - Classroom Statistics for Children, Statistical Academy for middle school students
 - Statistics training course for university students
 - Statistics training course for journalists
- **Computer course :** Course to form proper understanding of statistics and improve trainees' ability to perform computer applications
 - Excel for beginner, Excel for advanced user
 - PowerPoint, Presentation Skill Improvement
 - MS-Access, Visual Basic Macro Programming
 - Homepage Design, Web-design
 - Improvement of Computer application skills and so on.



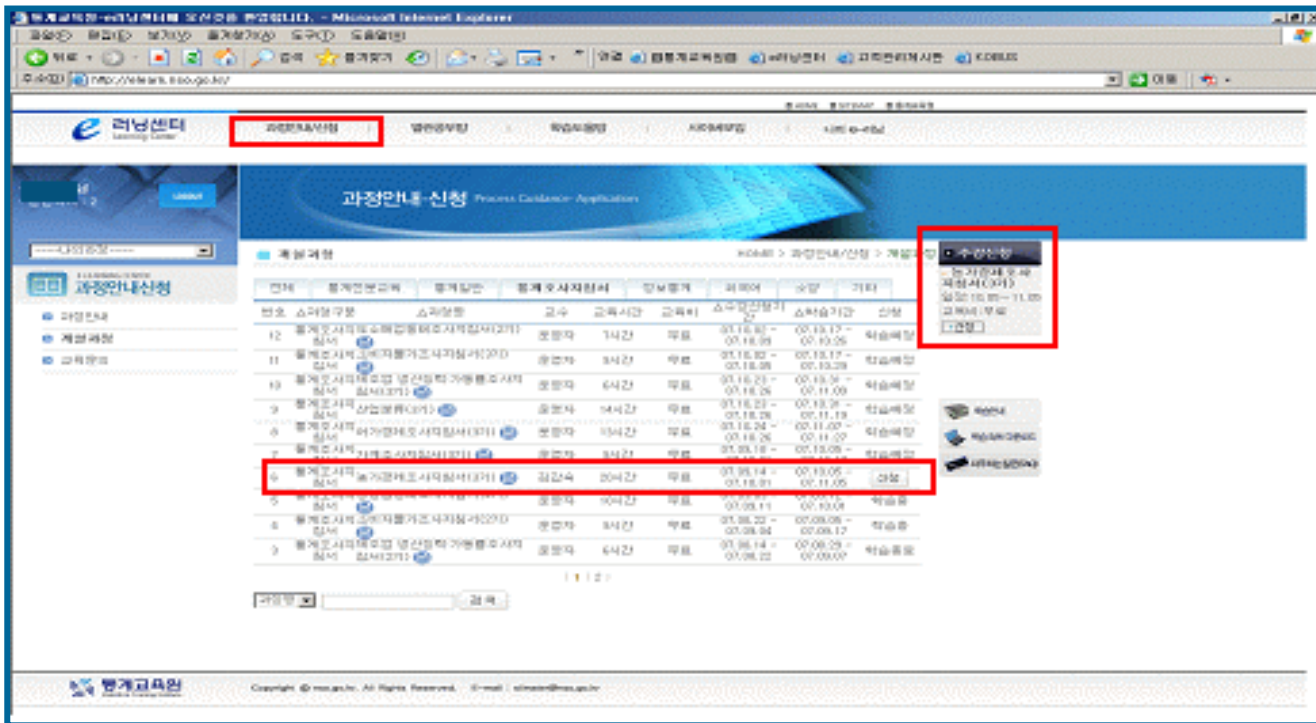
III. Curriculum

- **Foreigner Course:** Conducting foreigner courses cooperated with SIAP and KOICA
 - SIAP : Research-based regional course
 - KOICA : Iraq, developing countries (Improvement of Statistical skills) and so on
- **Order-oriented Course:** Supporting training service for user-based education
- **e-Learning Course** : course to provide an educational opportunity free of time and space
 - Course in statistical thinking(14h), Statistical Analysis using SPSS(30h)
Survey methodology(10h), sample theory(14h), Analysis of Time Series(14h),
Statistical Analysis using Excel(14h)
 - Statistical Survey Guide of KNSO (9 courses)
 - Video Lecture : Statistical course for general public, Statistics and English

III. Curriculum

Instructions on how to register for a cyber course

- Login after e-Learning center (<http://elearn.nso.go.kr>) connection
- Click the icon of [Open course] in the [course guide/register] and then click [Register] on the course you want to take or in [Quick Menu] on the left side of the page
- We called LMS (Learning Management System)



III. Curriculum

Briefing the cyber course (e-Learning)

- Korea takes higher ranking of diffusion rate of information super-highway in the world.
- Explosive increasing the number of trainee.

Year	Number of Course	Number of Operation	Number of Trainee (Plan)	Number of Trainee (Results)
2005	2	6	300	378
2006	4	16	1,190	2,086
2007	15	45	3,600	4,000
2008 (plan)	19	60	4,000	5,000

- Weakness
 - Difficulty of evaluation (We don't know who is trainee)
 - Need textbook or materials (In my experience, All of trainee requested)
 - Completion rates are lower (about 70%)
- Development plan
 - submit of Problem-based Report, provide side material, Blended Learning
 - 7 times touch (e-mail, SMS)

IV. Educational Facilities & Service

Facilities

Classification	Places	Housing Capability	equipment
Lecture Room	Classroom 1	80 persons	PC, Projector
	Classroom 2	51 persons	Computer Practice as well
	Classroom 3	30 persons	Projector, Discussion Room as well
Computer Laboratory	Computer Laboratory 1	53 persons	PCs, Projector
	Computer Laboratory 2	27 persons	
Discussion Room	1, 2, 3, 4	12 in each	PCs, Printer
Dormitory	A, B, C	200 persons	Room for 2, PCs
Meeting & Event Facility	International Conference Hall	100 seats	Interpretation Room
	Auditorium	300 seats	
Convenient Facility	Cafeteria, Kiosk, ATM, Cellular Phone Charger, Laundry		
Facility for workout	Soccer Field, Tennis Court, Table tennis room, Gym, Billiard Table, Playground		

IV. Educational Facilities & Service

- Education Service
 - STI appoints a course manager in every course and manages it efficiently to raise the education level.
 - STI stations assistant lecturers in practice courses to maximized educational effect.
 - Trainees can use PCs in both dormitory and discussion room as well as in course hours.
 - Non-governmental agencies or institution staff are given financial assistance according to the law of [Workers' training promotion]
 - STI provides transport service after courses are finished.



V. Introduction of 'Statistical Center'

The most advanced government buildings are completed which have functions of education, research and a variety of services on September, 2009

- KNSO is promoting to newly build 'Government Buildings' to adjust to increasing demand for statistics education and enhance education service with fifteen stories above ground and one below. It is located on Wolpyung-dong, Seo-gu, Daejeon.

- Trainees can get education service in high technological circumstances equipped with ubiquitous service and multi-media setup.
- Offices such as Statistical Training Institution, Statistical Research Institute, Daejeon-Chungnam Local Statistics Office and dormitory facilities will move into Statistical Center. It will offer complex service including education, research and data service.



■ Education Facilities

- 11 classrooms, computer laboratory, video room, 6 discussion rooms
- Auditorium (300 seats) is used to give lectures, courses, seminars, performance, show films
- International Conference Hall (180 seats) is equipped with 6 interpretation systems and is used for international education, seminar and scientific lecture
- Statistics data library, electronic library, language laboratory

■ Lodging Facilities

- Lodging facilities can accommodate up to 264 persons
 - Twin beds and 2 desks designed for one person or for 2 persons
- Setup of Key sensor under control of room managing system, wireless LAN and security system on each story
- Convenient services including Laundry, resting place, CATV

■ Convenient Facilities

- Subway station around Statistical Center and intercity Bus-stop within a radius of 100 meters
- Parking lot having the capacity of 350 cars and Parking control center
- Cafeteria where 400 people can have a meal (together running a cafeteria for foreigner)
- Elevator, Parking lot, exit, restroom for the disabled
- Pedestrian passage and blocks for the old and feeble
- Convenient facilities including computer rooms, kiosk and ATM

■ Culture & Gym facilities

- Physical culture facilities including gym, table tennis room and billiard room and locker rooms
- Recreational facilities can be used for Yoga, sports dance and the like
- Culture and workout facilities including movie theaters around Statistical Center, malls, prehistoric site and jogging track along Gab river are available

Classification	Number	Accommodation capability	etc.
reglar room (for 2 persons)	118	236	Designed for one person, but available for 2 persons according to training demand
Family room (for 4 persons)	2	8	Around 59m ² condominium type
Group room (for 6 persons)	2	12	Around 79m ² , Ondol type (underfloor-heating system)
VIP room (for 2 persons)	2	4	Around 39m ² , Hotel type
Disabled room (for 1 person)	4	4	Only for one person
Total	128rooms	264Persons	

Exchange of materials.

- STI operate “Statistics and English” Lectures in English.
 - All subject of Course makes e-Learning contents and video lecture.
 - Video On Demand (VOD) service : KNSO homepage (English)
 - Lecture, e-Book, pdf material : e-Learning Center of KSTI
 - In my opinion, it’s one of the e-Library formation.
-
- **Contents (2007)**
 - Statistical system & planning
 - Sample design
 - Statistics Quality Management
 - Population statistics
 - Employment Statistics
 - Industrial production Index
 - Integrated Management System for Establishment Statistics.
 - Activities & Cooperation in international statistics Agencies

VOD service

<http://www.nso.go.kr> → english

The screenshot shows the National Statistical Office (KNSO) website in English. The browser window title is "National Statistical Office, Republic of Korea - 환영식". The address bar shows the URL "http://www.nso.go.kr/eng2006/emain/index.html". The website header includes the KNSO logo and navigation links: HOME, SITEMAP, KOREAN, News, Statistical Surveys, Resources, Help, and About us. The main content area features a banner with two children and the text "Welcome to Korea National Statistical Office". Below the banner, there is a search bar and a "News Releases" section with a list of recent news items. A "Video Streaming" section is circled in red, showing a video player with a thumbnail of a man in a suit. Other sections include "Statistical Surveys", "Major Indicators in Graph", "Publications", and "E-Book". The footer contains the KNSO logo, copyright information, and contact details.

News Releases

- Economically Active Populat... Now/16/07
- Preliminary Results of the ... Now/15/07
- Household Income & Expendit... Now/15/07
- The Consumer Sentiment Indi... Now/09/07
- Cyber Shopping Mall Survey ... Now/07/07

Statistical Surveys

- Population · Housing
- Economic Trend
- Social Trend
- Price · Household Economy
- Wholesale & Retail Trend
- Business Activities
- Agriculture Forestry and Fis...
- Others

Major Indicators in Graph

Statistics Graphs [MORE](#)

Publications [MORE](#)

- Annual Report on the Vital Statistics (Live Birth|oDeaths)

E-Book

- Explore Korea through Statistics

Video Streaming

Statistical System & Statist ... [MORE](#)

KNSO Shopping Mall

Cyber Poll

no poll.. [TOP](#)

[Latest Poll](#)

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Lecture : e-Learning Center of STI

<http://elearn.nso.go.kr> → [open study room]

The screenshot shows the website interface for the e-Learning Center of STI. The browser address bar displays <http://elearn.nso.go.kr/>. The navigation menu includes '과정안내/신청', '열린공부방' (highlighted with a red circle), '학습도움방', '사이버모임', and '나의 e-러닝'. The main content area features a blue banner for '열린공부방 Statistical Training Institute' and a list of public courses under the heading '공개강좌'. A search bar and a dropdown menu for '10월' are also visible. The footer contains the logo for '통계교육원 Statistical Training Institute' and copyright information.

로그인
hshwang@nso.go.kr
LOGIN
- 회원가입 - 비밀번호찾기

E-LEARNING CENTER
열린공부방

- 공개과정
- 공개강좌
- 일반인을 위한 통계강좌
- e-book
- 공개동영상

HOME > 열린공부방 > 공개강좌

총 12 건 - 1Page / 2Page (파일용량 : 0.00KB)

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11	Statistics & English(ESIMS, Gi-bon...	운영자	2007-09-19	52
10	Statistics & English(Employment St...	운영자	2007-09-13	39
9	Statistics & English(Welfare Stati...	운영자	2007-09-10	58
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7	Statistics & English(Sampling, Yeo...	운영자	2007-08-03	83
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4	Statistics & English(Population St...	운영자	2007-07-13	278
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통계교육원
Statistical Training Institute

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인터넷 영역

Feature of “statistics and English”

The screenshot shows a software window titled "Viewer - 황현식". The window contains a video feed of a lecturer on the left and a large presentation slide on the right. The slide has a blue and white background with the following text: "Introduction of Establishment Statistics Integrated Management System (ESIMS)", "Sept. 2007", "Ki-bong Park", and "Statistical Information Bureau". The top of the window has the logo "통계교육원 e-Learning Center" and the text "ESIMS". The bottom of the window features a control bar with a "LIST" button, a progress bar, and playback controls. A table of contents is visible in the bottom-left corner of the viewer.

Time	Content
[00:00]	Introduction of Establishment Statistics
[00:18]	Agenda
[00:35]	Economic statistics
[01:29]	Economic Statistical Surveys by KNSO
[01:44]	Economic Statistical Surveys by KNSO
[01:47]	Economic Statistical Surveys by KNSO
[01:49]	Economic Statistical Surveys by KNSO
[02:17]	Economic Statistical Surveys by KNSO
[02:34]	Why we need ESIMS?

Camera following the Lecturer

Contents order

Material, prepared powerpoint file

One of the idea

- **construct web site for education and research**
 - Sharing On-Line Contents including VOD (e-Library)
 - Operating international e-Learning courses.
 - Documentation of all courses and seminar, workshop
 - Record of international conference
 - ESCAP region country's paper for statistical education (in English)



Thank you for your Attention !