



**Statistical Research  
and Training Institute,**  
Ministry of Internal Affairs and Communications

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# Overview of E-learning of the Statistical Research and Training Institute

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- The Institute is the only training institute specialized in statistics established in the government, targeting all the personnel of national and local governments.
- The Institute provides 18 training courses in a year : various levels of statistical training courses from introductory courses for general personnel to specialized courses for higher level statistical personnel.

## **【Comprehensive Course】 (1 course)**

- The Comprehensive Course aims to provide basic statistical theories and methodologies of statistical analysis, and a wide range of applied skills in three months.

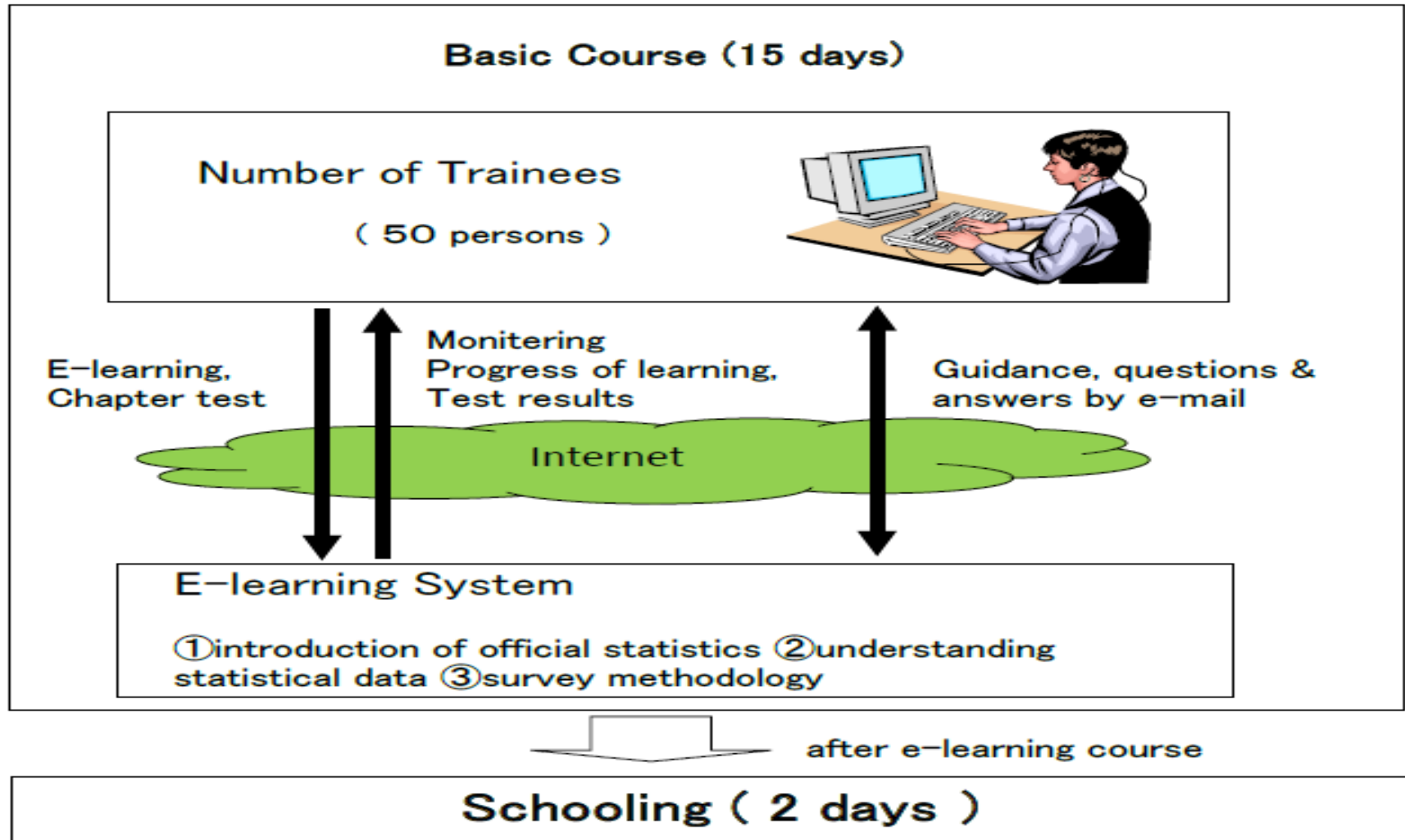
## **【Thematic and Specialized Courses】 (17 courses)**

- Thematic Courses include: National Accounts, Demography, Economic Analysis, Survey Methodology, Microdata Analysis, etc.
- Specialized Courses include the following two subjects of courses;
  - Distance Learning (E-learning) Courses through the internet since 2004  
Regional Statistical Seminar designed for local personnel to gain basic statistical knowledge, held in the local area.

## 2 E-learning courses



E-learning courses are provided to national & local government staff.



## Intermediate Course (15 days)

Number of Trainees  
( 50 persons )



E-learning,  
Chapter test

Monitoring  
Progress of learning,  
Test results

Guidance, questions &  
answers by e-mail

Internet

E-learning System

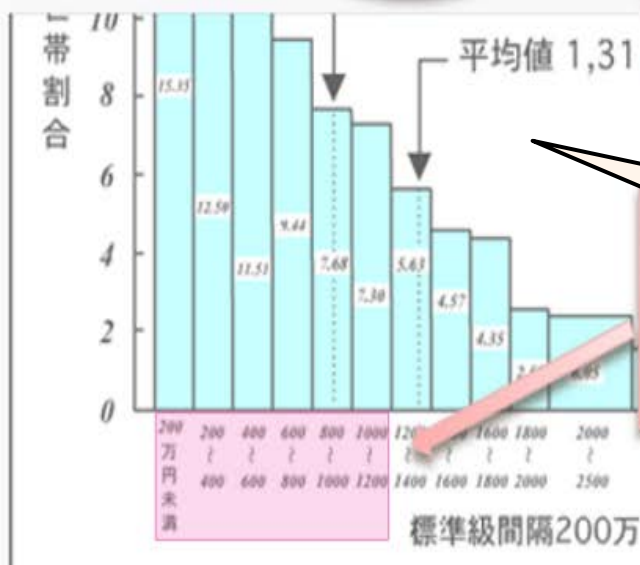
① data analysis ② inferential statistics



## ▶▶ 2-4 平均値は対象全体の中心を示す数値の一つである。(p.12)

度数分布

平均値



Vocal narration  
sentence by sentence

違和感がある場合は、個々の調査データを複数の階級に分けた度数分布で見てみる

1,200万円未満が全体の6割以上を占めている

Pictures, explanation & figures appear in accordance with vocal narration.

<度数分布>

貯蓄現在高のように平均値に対して違和感がある場合には、個々の調査データを複数の階級に分けた度数分布で見てみる必要があります。

実際に貯蓄現在高階級別の世帯分布を見ますと、1,200万円未満の世帯が全体の6割以上を占めていることが分かります。

また、この世帯分布からやはり一部の世帯がかなり高額貯蓄を保有していることで、サラリーマン世帯全体の平均値が高くなっていることが分かります。



# Changes in statistics training graduates



fiscal year	2012	2011	2000	2009
Total courses	1133	988	956	937
E Learning courses	378	342	219	214
Basic	216	152	139	122
Schooling	67	58	25	41
Intermediate	95	67	55	51

Since its founding in 1921, the total number of graduates is about 26,000 in 2012 fiscal year-end



➤ Remarkable viewpoint

- To meet the recent training needs, the implementation of effective and efficient training courses using ICT. Emphasis is shifting to training of problem solving skills, application of statistics and methods of public policies etc.
- To support the statistical capacity development of national and local governments

➤ Limitation

- Insufficiency of human resources & budget to satisfy increasing demand for staff training on statistics

➤ Future works

- Restructuring of the system of statistical training courses
- Enlargement of e-learning courses & enrichment of contents