

Report of the activity of the School of Statistics of the Public Administrations (EEAP) in the year 2016

The EEAP deals with specific training in official statistics and disciplines related to statistical production by organising courses and seminars directed not only to INE staff but also to the entire Public Administration and other groups that require it.

The School's training activities include face-to-face courses and seminars, online courses, technical sessions, "educational" visits to schools, universities and other tailor-made training sessions.

It is also in charge of the collaboration programme with various universities to carry out internships in the Organisation, as well as the follow-up of the scholars included in the INE Training Scholarship plan.

1. Face-to-face courses

During 2016 the EEAP organised a total of 26 face-to-face courses and seminars. The average duration was 8 hours for courses and 4 hours for seminars. Three main types of courses are considered: those on official statistical production, those on statistical specialization and those on statistical computing. The courses in the first group deal with statistical operations, innovations, methodological changes, or aspects related to the correct use, application, interpretation and analysis of the data. The second group has an advanced scientific content on methodological and statistical techniques and the third group includes courses on statistical programmes to support production. Appendix I lists all EEAP face-to-face courses taught during 2016, as well as the number of teaching hours and students attending such courses.

EVOLUTION OF THE NUMBER OF FACE-TO-FACE COURSES AND SEMINARS

Year	Total
2014	32
2015	33
2016	26

Among the courses previously mentioned, the mandatory selective course corresponding to the OEP 2015 was carried out to mark the occasion of the opposition to the State Statistical Bodies.

EVOLUTION OF THE NUMBER OF STUDENTS ATTENDING THE COURSES

Year	Total
2014	757
2015	986
2016	921

The training plan in computer science, especially in SAS, started in 2011 has been continued, although the number of seminars has already been reduced

considerably. On the other hand, in 2016 two internal Excel seminars on tables and dynamic graphs were carried, when this training requirement was observed.

2. “Online” courses on the IEF platform.

The online courses programme started in 2013, in order to allow the training to reach groups that can not attend the face-to-face activities, thanks to the collaboration and funding of the Institute of Fiscal Studies (IEF).

EVOLUTION OF THE NUMBER OF ONLINE COURSES AND PARTICIPANTS

Year	Nº courses	Participants
2014	3	129
2015	7	282
2016	8	277

New courses have been included according to the detection of different needs and requests.

3. “Online” courses aimed towards Latin America on the CEDDET platform

Within the International Cooperation programmes there is online training in statistics directed primarily at the Latin American context.

During 2016 three new courses were included on: Basic demographic Indicators, Social statistics: health, disability, education, justice and other social issues and Spanish National Accounts (base 2010), and three specialised workshops on: Sample design of economic surveys, Life quality indicators and User-oriented statistical communication.

Year	Nº courses	Participants
2014	5	152
2015	7	237
2016	10	326

4. Technical sessions

In addition to the previous courses and seminars, a series of Technical Sessions was offered among the School’s activities, with the objective of offering statisticians related to the Official Statistical System a forum for contact and debate on topics of interest in the field of official statistics. 11 Technical Sessions were held in 2016.

The annual evolution of the sessions (since 2013) is as follows:

Year	Nº	of	Participants
2014		16	603
2015		19	847
2016		11	538

The Provincial Delegations of INE were sent the recordings of these sessions on DVD. As of 2016, these recordings are available on the INE intranet for all staff.

5. Informational seminars and Educational visits

This year, on the occasion of the publication of the selective processes for the Statistical Bodies, two informative seminars were held on them, attended by a total of 165 people. The objective of these seminars is to offer a general overview of the opposition Programmes. As well as providing information about the work carried out by officials of the State Statistical Bodies in the INE.

Central Services received educational visits from five universities: Universidad Europea de Madrid, UNI Cardenal Cisneros, Universidad Autónoma de Madrid, UCM (Universidad Complutense de Madrid) and Miguel Hernández University and 18 Institutes of Secondary Education throughout the academic year 2015-2016.

The Provincial Delegations play a very important role in collaboration with the General Subdirectorate of Statistical Dissemination, by carrying out the *Educational Visits Plan*. During the academic year 2015-2016 the number of educational visits reached 81. This quantity is lower than in the previous year as in this period various electoral processes were carried out which impeded educational visits to the Provincial Delegations.

6. University Internship Programme

The objective of the university internship programme is to promote the incorporation of interns in the field of public administration and private companies, promoting the employability of future professionals, fostering their capacity for entrepreneurship, creativity and innovation and responding to their commitment to economic transformation based on the society of knowledge .

The INE considers that training in statistics is important for preparing future producers and users of statistics, so it is beneficial for this Organisation to use any means to promote knowledge, by signing Collaboration Agreements with the Universities that have requested it so that their students can carry out internships at the INE. Currently 28 agreements have been signed.

During the academic year 2015-2016, 23 students were received, of which 7 were at Provincial Delegations and 16 at Central Services.

7. INE Training Scholarships

The National Institute of Statistics has a grant programme, through direct scholarship grants, to promote and encourage statistical research as well as the development and implementation of statistical processes through postgraduate training.

The experience accumulated in recent years has shown that the awarding of scholarships represents, for the National Institute of Statistics, a source of knowledge of excellent professionals who, after overcoming the opportune oppositions, may end up being integrated into the organization itself.

During 2016, 9 scholarships continued from the 2015 offer until the end of the current scholarship period and 15 new scholarships were incorporated, 9 of which are currently continuing within the Organisation.

In 2016, six specific training sessions were held with this group at the EEAP.

APPENDIX I. Face-to-face courses 2016

Courses	Date	Hours of training	Students
1. COURSES AND SEMINARS ON OFFICIAL STATISTICAL PRODUCTION (16)			
INE Property Statistics.	4-5 April	8	21
Spanish National Accounts Base 2010	11-13 April	15	35
Main regulatory aspects of the Register	19-Apr	5	29
Groups of companies and Euro Groups Register (EGR); management and quality programmes	28-Apr	5	43
Web survey methodology (INTERNAL)	9-10 May	8	27
How to present statistical information to the public	10-May	5	45
Calibration Techniques aimed at surveying households	24-May	4	18
European statistical information	14-Jun	4	24
INE social and demographic statistics	18-Oct	5	21
Tourism Statistics	7 and 8 Nov	10	32
INE data re-use workshop	08-Nov	5	29
PC Axis file generation workshop	10-Nov	5	25
Technological foundations on Big Data (INTERNAL) (first edition)	14-Nov to 2-Dec	37.5	28
Technological foundations on Big Data (INTERNAL) (second edition)	14-Nov to 2-Dec	37.5	22
Quality in official statistics: methods, instruments and case studies base on the experience of the INE	16-17 Nov	10	29
National Accounts: non-financial accounts for the institutional sectors	24-25 Nov	10	35
TOTAL (1)		174	463
2. ONGOING TRAINING COURSES AND SPECIALISATION IN STATISTICS COURSES (9)			
a- Specialisation in statistics courses (4)			
Multivariate Analysis (INTERNAL)	9,11, 16,18, 23 and 25-Feb	18	25
Introduction to Time Series Analysis and Seasonal Adjustment	29 Feb - 4 Mar 14 - 17 Mar	30	26
Seasonal and calendar adjustment. Advanced level	26-30 Sep and 24-28 Oct	30	25
Multivariate Analysis (INTERNAL)	4,6, 11, 13, 18, and 20 Oct.	18	28
TOTAL (a)		96	104
b.-STATISTICAL COMPUTING COURSES (5)			
SAS SQL (PROC SQL)	09-Mar	3	26
Excel: tables and graphs	10-Mar	3	25
Excel: tables and graphs	11-Mar	3	22
SAS (PROC TABULATE)	30-Mar	3	22
SAS Macro	23-27 May	12	24
TOTAL (B)		24	119
TOTAL (2)		120	223
3. SELECTIVE COURSE			
Higher and Graduate Statisticians	6 Jun-5 Jul	100.5	45
TOTAL (3)		100.5	45
TOTAL (A=1+2+3)		395	731

APPENDIX II Online courses 2016

Online Courses IEF Platform (8)	Date	Training weeks	Students
Statistical Secrecy: legislation and main protection techniques	18 to 19 Feb	1	35
Basic Demographic Indicators	3 to 21 Mar	2	36
User-oriented statistical communication	31 Mar-18 Apr	2	37
Living Conditions Survey (LCS)	22 Sep-10 Oct	2	33
Structure and Operation of Official Statistics Systems	6-24 Oct	2	38
Sample design of population and economic surveys	13 Oct-7 Nov	3	35
Labour Statistics: business surveys on labour and wage costs	20 Oct-7 Nov	2	28
Metadata	10-28 Nov	2	35
TOTAL (2)		16	277
Online Courses (7) CEDEDET Platform	Date	Training weeks	Students
Basic Demographic Indicators	2 May-05 Jun	3	31
Labour statistics: household surveys and associated use of registers	9 May-12 Jun	3	38
Sample design of population and economic surveys	16 May-19 Jun	3	37
	30 May-19 Jun		
Structure and operation of official statistics systems	Jun	2	32
Spanish National Accounts(Base 2010)	3 Oct-20 Nov	4	38
Social Statistics: Health, disability, education, justice and other social issues	24 Oct-27 Nov	3	35
Living Conditions Survey (LCS)	14 Nov - 11 Dec	2	35
TOTAL (3)		20	246
Online Workshops (3) CEDEDET Platform	Date	Training weeks	Students
Sample design of Economic Surveys	14-23 Oct	1	26
Life Quality Indicators	7-15 Nov	1	27
User-oriented statistical communication	14-23 Nov	1	27
TOTAL(4)		3	80
TOTAL online (2+3+4)		39	603

ANNEX III. Technical sessions 2016

Technical sessions	Date	Students
FACE-TO-FACE (11)		
Information about the reward in INE Official Statistics	14-Apr	49
The future of surveys	09-May	75
Document management at the INE	26-May	22
Structural surveys on participation in culture and sports: Cultural Habits and Practices Survey 2014-2015 and Sporting Habits Survey 2015	22-Sep	30
Multichannel Collection	06-Oct	37
Governance of the European Statistical System	20-Oct	90
The challenges of official statistics in the next decade: the Eurostat vision / INE	21-Oct	110
Participation in projects for the implementation of Vision 2020.		
The Nomenclature of the INE: a singular statistic	03-Nov	30
Measurement of salaries: the Four-year Salary Structure Survey and Labour Price Index	24-Nov	29
Pilot tests and qualitative survey methods	01-Dec	30
INE Directorate Framework and its contribution to the General State Administration in a context of interoperable and geo-referenced services	15-Dec	36
TOTAL		538