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## STATISTICS MEETS JOURNALISM IN STATS+STORIES WEBCAST

**By John Bailer and Richard Campbell**

Challenged to produce a course that would address those students who often fear quantitative reasoning, we collaborated on a new course titled “News & Numbers.” Taken by honors students from four of five of Miami University’s colleges, the course was a success.

We enjoyed our partnership and vowed to look for other opportunities to continue a fruitful and fun-filled journalism-statistics partnership. In late 2012, as the statistics profession prepared for the International Year of Statistics, the American Statistical Association was planning for its 175th anniversary. Given this context, we started thinking that the time was right to launch a new collaboration. We decided that a webcast/podcast would extend our reach beyond the classroom.

How do you determine the structure for such a program? We started with examples of shows and podcasts that we thought were good models. The Car Talk, Freakonomics and Science Friday programs and podcasts were inspiring models. We thought applying our journalism-statistics partnership to conversations with guests would be a novel combination and the webcast/podcast “Stats+Stories” was born.

We wanted this to have a quality sound with high-production values, so sound engineers were part of our team from the start. A communications specialist was invited to be part of the team to help with promoting the program. We needed to develop web pages for hosting the program site and audio files for programs and to set up the system for the launching the podcasts.



*From left, guest Trevor Butterworth, John Bailer, Bob Long and Richard Campbell record an episode of Stats+Stories at Miami University.*

The on-air “talent” was going to be a “stories” guy (Campbell), a “stats” guy (Bailer) and a moderator. Bob Long, a former public radio newscaster with a resonant voice and a strong sense for program pacing, joined the show as moderator. A title for our program—Stats+Stories—emerged in early discussions among the team. While our class was a quantitative literacy, news and numbers class, we decided our show’s tagline would be “The statistics behind the stories and the stories behind the statistics.”

We had to make logistical decisions related to the program such as episode length (30 minutes); structure (we decided on the following show format: opening package, introduction, conversation session one, person-on-the-street interviews one, conversation session two, person-on-the-street

interviews two, conversation session three, and closing); and introductory royalty-free music. Before recording the first episode, we also needed to determine:

- Production and recording logistics (radio studio); theme music; web site.
- Model? Nightline (3-5 minute student news report followed by conversation).
- Who is “on air”? Moderator + two panelists (stat, journalist) + guest.
- Topics for episodes? Mix of serious and fun. Timely topics good.
- Post-production deliverable format mp3, web site, iTunes.

Finally, we needed to decide topics for episodes and guests. We wanted a mix of serious and lighter topics and guests who were statisticians, journalists, scientists and people who relied on numbers and stats in everyday jobs.

We recorded a demo show and sent it to experts for review and critique. The good news was the experts thought the program was a great idea and liked Bob’s voice and the person-on-the-street interviews. The constructive criticism: We took too long to get to the interview and used a bit too much jargon. The experts encourage us to keep our responses and comments short or risk inducing ‘ear fatigue.’ After these reviews, we had the makings of the program you now hear today.



*Guest Trevor Butterworth (right) makes a point as “Stories” guy Richard Campbell listens intently.*

To date, we have released 15 episodes—approximately a new show every two months—with topics including forensic data analysis, baseball stats, medical research, extrasensory perception, financial reporting, network TV ratings, and more. Naming each episode is part of the fun. “CSI—Crime Statistics Investigated” is a favorite.

Since we have started, visitors from 101 countries have listened to our programs on [www.statsandstories.net](http://www.statsandstories.net). We hope to continue to expand the reach and impact of the Stats+Stories program.

We invite and encourage you to listen to the archived episodes. And, please, send us your story and guest suggestions, program comments and feedback. Email [statsandstories@MiamiOH.edu](mailto:statsandstories@MiamiOH.edu) with your thoughts.

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## **A GREAT READ IN NATURE**

If you haven't seen it already, we recommend you read the following article written by statistician and science writer Regina Nuzzo, a professor at Gallaudet University in Washington, D.C., that was recently published in *Nature* about various kinds of biases. You and your colleagues and/or students (if you are in academia) will find it useful:

[How scientists fool themselves—and how they can stop](#)

If you'd like to read more on this topic, there's also an accompanying commentary on blind data analysis:

[Blind analysis: Hide results to seek the truth](#)

There's also an interesting editorial:

[Let's think about cognitive bias](#)

## **THE WORLD OF STATISTICS ACTIVITIES CALENDAR**

Following are The World of Statistics participating organization-sponsored events and activities around the world scheduled for December. [Click here](#) to see the complete 2015 calendar. Remember to submit your organization's events for the calendar by [using this convenient form](#). And, send us your 2016 activities and events [using the same form](#).

- **December 1-3, 2015** — [Federal Committee on Statistical Methodology Research Conference](#), Federal Committee on Statistical Methodology, Washington, D.C., USA
- **December 3-4, 2015** — [24th International Seminar: Computational Statistics](#); Slovak Statistical and Demographical Society and Comenius University Faculties of Management and of Natural Sciences; Bratislava, Slovakia
- **December 8-10, 2015** — [Eco-Stats 2015: Technological Advances Between Ecology and Statistics](#), University of New South Wales Eco-Stats Research Group and Evolution & Ecology Research Centre, Sydney, Australia
- **December 14-17, 2015** — [Designed Experiments: Recent Advances in Methods and Applications DEMA 2015](#); JMP, VSNi and the International Society for Business and Industrial Statistics; Sydney, Australia
- **December 17-18, 2015** — [Complex Time-to-Event Data](#); Institute of Statistics, Biostatistics and Actuarial Sciences of the University Catholique de Louvain, Louvain-la-Neuve, Belgium
- **December 20-24, 2015** — [Conference of the International Indian Statistical Association](#), International Indian Statistical Association and Pune University Department of Statistics, Pune, India
- **December 27-29, 2015** — [Second International Conference on Theory and Applications of Statistics: Statistics for Population and Development](#), Dhaka University Statistics Department Alumni Association, Dhaka, Bangladesh

- **December 27-30, 2015** — [50th Conference on Statistics, Computer Science and Operations Research](#); Institute of Statistical Studies and Research; Cairo, Egypt

## **PARTICIPATING ORGANIZATION NEWS & EVENTS**

Following is the latest news and information from statistical organizations participating in The World of Statistics:

**Australia**—The [Designed Experiments: Recent Advances in Methods and Applications](#) (DEMA 2015) conference is scheduled for December 14-17 at the University of Technology Sydney in Sydney.

DEMA 2015 will bring together researchers and practitioners for the interchange of new ideas on the design and analysis of experiments. The workshop will emphasize methodology and application areas and will be of interest to scientists and engineers who use experiments as well as to statisticians. Researchers of all levels of experience, including Ph.D. students, are encouraged to participate.

This will be the fourth meeting in the DEMA series, which started in Southampton, United Kingdom in 2006. This will be the first meeting outside the UK (“DEMA Down Under!”).

### **Scientific Programme**

The scientific programme will include keynote talks and invited presentations by leading researchers from around the world.

### **Early Career Scholarships**

Organizers plan to offer a limited number of scholarships to provide a modest contribution to conference expenses for early-career researchers (Ph.D. students and researchers within three years of obtaining their doctorate) who contribute a poster or talk.

### **Venue**

The conference will be held at the University of Technology Sydney at the edge of the Sydney central business district and close to Central train station and the Darling Harbour entertainment quarter and numerous accommodation options.

DEMA 2015 is sponsored by JMP, VSNi and the International Society for Business and Industrial Statistics.

For more information visit the [conference website](#) or email your informational request to [dema2015@southampton.ac.uk](mailto:dema2015@southampton.ac.uk).

**Belgium**—During December 17-18, the Institute of Statistics, Biostatistics and Actuarial Sciences of the University Catholique de Louvain in Louvain-la-Neuve is hosting an international conference themed “Complex Time-to-Event Data.”

The conference will feature talks by seven internationally recognized researchers engaged in various topics in survival analysis :

- Per Kragh Andersen, University of Copenhagen

- Gerda Claeskens, Katholieke Universiteit Leuven
- Emmanuel Lesaffre, Katholieke Universiteit Leuven
- Yi Li, University of Michigan
- Thomas Scheike, University of Copenhagen
- Hans C. van Houwelingen, Leiden University Medical Centre
- Lan Wang, University of Minnesota

In addition, there will be a number of invited talks and a poster session.

More information about the conference, including registration, can be found at the [event web site](#).

**Croatia**—World Statistics Day 2015 was celebrated October 20 by the students from the third grade vocation economist in general secondary school Gimnazija Bernardina Frankopana in Ogulin. The observance included Marino Boban, Nikolina Cvetkovic Valentina Despot, Antonio Draskovic, Patrik Kaldi, Ana-Marija Kis, Andreja Kurelac, Danijela Mrgan, Dora Porubić, Michael Porubić, Annamaria Prpic, Ivana Rendulić Višić Petra, Petra Salopek, Joseph and Catherine Vucic Vukovic, along with their professor Branko Rumenović.

The students promoted the importance of statistics for a long time and previously participated in the celebration of the International Year of Statistics and are regularly informed about upcoming news in the field by The World of Statistics website.

This year, the students collected quotes and proverbs on statistics from famous people, presented them on statistics classes, and then discussed them together. They explored and collected data on the population of Ogulin and Croatia on the Central Bureau of Statistics website. As the final class project, the students created and edited a panel in the school hall that served as a reminder for other students and teachers about the importance of statistics in everyday life.

By collecting data that showed statistics is used in school, sports, music, religion, culture, nature and everything that surrounds us, the students concluded that statistic is of great importance in everyday life.

**India**—The [annual conference](#) of the International Indian Statistical Association (IISA) will be held December 20-24 at Pune University in Pune. The co-organizer of the event, which is themed “Celebrating Statistical Innovation and Its Impact in a World of Big & Small Data,” is Pune University’s Department of Statistics.

The conference will bring together statisticians worldwide from academia, industry, government and research institutes to explore the latest developments and challenges in the era of big and small data. Recent advancements in the fields of statistics, biostatistics, and probability also will be discussed. It will be held at the Yashada Management Development Center also located in Pune.

For additional event details, [visit the conference website](#).

**Bangladesh**—The Dhaka University Statistics Department Alumni Association (DUSDAA) invites you to attend the [second International Conference on Theory and Applications of Statistics 2015](#). The statistics department of Statistics is one of the oldest of its kind in the world and was founded by the late National Professor Qazi Motahar Husain.

The goal of the conference is to bring statisticians together from all over the world to explore the new frontiers of developments of statistical theory and applications in teaching, research, and the use of statistics in government and nongovernment policymaking with special focus to developing countries like Bangladesh.

Having the theme of “Statistics for Population and Development,” this conference will focus on cutting-edge topics related to the new frontiers in the broad field of statistics. Keynote speakers are:

- Professor Jessica Utts, 2016 president of the American Statistical Association and chair of the Department of Statistics at the University of California, Irvine.
- Professor Sastry G. Pantula, 2010 president of the American Statistical Association and dean of the College of Science and Professor of Statistics at Oregon State University.

Organizers extend invitations to statisticians from home and abroad to participate in this conference. Invited and contributed papers will cover topics from a broad range of methodological and applied statistics, including Probability Theory, Survival Analysis, Longitudinal Data Analysis, Resampling Methods, Stochastic Models, Record Statistics, Official Statistics, Categorical Data Analysis, Pharmaceutical Statistics, Statistical Modeling, Nonparametric Methods, Semiparametric Models, Clinical Trials, Multivariate Methods, Econometrics, Random Effect Models, Sampling Techniques, Biostatistics, Epidemiology, Bayesian Methods, Statistics in Agriculture, Industrial Statistics, Model Selection Techniques, Statistical Genetics, Bioinformatics, Distribution Theory, Reliability Theory, Health Surveys, Design of Experiments, Impact Evaluation, Operations Research, Quality Control, Time Series Analysis, Data Mining, Neural Networks, Demography, Spatial and Spatio-temporal modelling, Statistical Measures of Poverty, and others.

**International**—During the 5<sup>th</sup> Organisation for Economic Co-operation and Development World Forum on Statistics, Knowledge and Policy in Guadalajara, Mexico, the OECD Secretary-General launched the 3rd edition of *How's Life? Measuring Well-Being*.

This report, published every two years, provides a comprehensive picture of well-being in OECD countries and other major economies by bringing together an internationally comparable set of well-being indicators that the OECD considers as essential to a good life.

It looks at people's material conditions and quality of life across the population in eleven dimensions including: income and wealth; jobs and earnings; housing; health status; work-life balance; education and skills; social connections; civic engagement and governance; environmental quality; personal security; and subjective well-being. As well as documenting the latest evidence on well-being, including changes over time and inequalities, this edition develops our understanding of well-being in new ways.

For example, the report has a special focus on child well-being, which finds that not all children are getting a good start in life, and those living in less affluent families face more risks to their well-being. The report introduces new measures to capture some of the natural, human, social and economic resources that play a role in supporting well-being over time.

A chapter on volunteering suggests that volunteer work can create a virtuous circle: doing good makes people feel good, and brings a variety of other well-being benefits to both volunteers and to society at large. Finally, the report looks at inequalities in well-being across different regions within countries, demonstrating that where people live can shape their opportunities for living well. For more information, [visit the report website](#).

**United Kingdom**—Radical Statistics’s [2016 Conference and AGM](#) will take place February 27. The event will be at the [Priory Street Centre](#) located at 15 Priory Street in York. Organizers encourage you to mark your calendar and plan to attend.

For more information on programme please email [Conf16](#). For general information or inquiries please email [Alistair Cairns](#).

Also, an event to discuss the “Radical Statistics in the Age of Big Data” project will take place at the same venue the previous day. Details will be confirmed soon. For further information about this Big Data event, contact [John Bibby](#).

**Bahrain**—As part of the Bahrain Statistical Society’s (BSS) programme for this year, it celebrated World Statistics Day 2015.

The celebration took on many forms. The main celebration event is scheduled to take place on 7<sup>th</sup> was held November 7 and was hosted by Applied Science University. The aim of the event was to highlight applications of statistics and to promote the World Statistics Day theme “Better data. Better lives.” Guest speakers presented their applications of applying statistics to participants from governmental and educational organizations. The United Nations Development Programme (UNDP) was invited to present the new Sustainable Development Goals.



The second form to celebrate World Statistics Day was an announcement of the winner of the Statistical Excellence Award. This award is awarded for Bahraini statisticians with a distinguished excellent profile. The award is a means to encourage excellence in the field of Statistics.

Last, also on the November 7 during the main celebration event, a research project focused on statistical literacy and quality of applying statistical methods was launched. The research will be completed within three months. A qualified team of statisticians will examine a sample of Bahraini postgraduate researchers of the academic year 2012/2013. Results will be announced next year.

For more information, contact BSS at [info@bahrainss.org](mailto:info@bahrainss.org).

**Russia**—The First Open Russian Statistical Congress was held in Novosibirsk October 20-22. The objective was twofold:

- provide a platform for the communication among statisticians and anyone interested in statistics in Russia and abroad
- celebrate the World Statistics Day 2015

The Congress attracted in officials, researchers, teachers and students with diverse backgrounds. The agenda included issues ranging from official statistics, open data, mathematical and economic statistics, information-processing systems to legal statistics, quantitative methods in humanities, geostatistics and library statistics. Some of the most engaging roundtable discussions focused on the recent developments in statistical education and statistical consultancy.

The Congress was a long-awaited event in Russia. Irina Eliseeva, academic advisor to the Russian Association of Statisticians (RASt), reminded attendees that the previous significant meeting of statisticians was held in St. Petersburg in 1897 when the country hosted the 6th session of the International Statistical Institute. Alexey Ponomarenko, RASt chairman, recommended the Congress be the first in a series of Open Russian Statistical Congresses rooted in the tradition of Russian statistical science.

The Congress was organised by RASt, the Russian statistical office (ROSSTAT) and the Novosibirsk State University of Economics and Management. RASt, established in 2014, is a membership-based, nongovernmental, nonprofit organisation with the mission to advocate statistics, promote statistical literacy, statistical education in Russia and international cooperation in statistics.

**Caribbean**—Statistical leaders in the region have joined their counterparts from the Americas to reaffirm their commitment to generating good-quality statistics for monitoring national public policies.

The heads of statistics in the region signed the declaration that also allows them to reaffirm support for the 2030 Agenda for Sustainable Development that was approved at the United Nations General Assembly (UNGA) in September.

The Mitads del Mundo Declaration was approved by the 36 delegations from member states and associate members of the Economic Commission for Latin America and the Caribbean (ECLAC) at the end of the eighth meeting of the Statistical Conference of the Americas (SCA).

The declaration also urges the region's governments to bolster their commitment to strengthening national statistical systems, establishing legal frameworks that provide professional independence to

the national statistical offices, consolidate the leading role of official statistics and guarantee the human, technological and financial resources required.

The text also calls on the international community to channel resources to this end, on the basis of cooperation, technical assistance and financial support.

The three-day meeting also approved the resolutions recognizing the need to work jointly to design an implementation plan that enables the information requirements stemming from the 2030 Agenda to be covered gradually.

Delegates also approved both the report on the implementation of the two-year programme for regional and international cooperation activities in 2014-2015 and the Conference's 2015-2025 Strategic Plan. They requested that ECLAC make a proposal for a regional programme that meets the member States' needs in terms of training and statistical education.

In addition, the attendees agreed that the SCA's Executive Committee for the 2016-2017 period will be made up of Mexico in the presidency, along with Belize, Costa Rica, Ecuador, Peru, Spain and Uruguay.

**Europe**—World Statistics Day 2015 was designated by the United Nations General Assembly and the European Central Bank (ECB) honored the occasion by hosting a conference highlighting the European statistics as provided by the ESCB.



*Sabine Lautenschläger, the ECB Executive Board member responsible for Directorate General Statistics, highlights during the World Statistics Day the recent enhancements of European statistics in response to the financial crisis*

ECB Executive Board member Sabine Lautenschläger opened the conference, stating, “Credible statistics lie at the heart of the ECB’s policy-making: We need more detailed and globally comparable statistics.”

The ECB Directorate General for Statistics has undertaken significant enhancements in fulfilling the new demands for more granular statistics at country, sector and instrument level both for servicing monetary policy and financial stability purposes.



*ECB Director-General Statistics Mr. Aurel Schubert; ECB Deputy-Director General Statistics Mr. Werner Bier and Director Statistics, Banco de Portugal; and Mr. João Cadete de Matos responding to questions from the audience*

Mr. Aurel Schubert, Director-General Statistics, recalled the strategy of the ECB on statistics following the challenges of the financial crisis and provided a snap-shot overview of the enhancements within European statistics provided by the European System of Central Banks (ESCB).

Mr. Werner Bier, Deputy Director-General Statistics presented the important enhancements to balance of payments and international investment position statistics and how these have been further detailed and aligned with the newest international standards enabling further harmonized and comparable external statistics for the euro area and across countries.

“We now have a better understanding of the underlying factors of the economic heterogeneity between sectors and countries within the monetary union and between them and non-euro area partner economies” Bier said and added, “the quality of statistics cannot be taken for granted and requires detailed international standards and their careful implementation.”

On the occasion of the World Statistics Day, the ECB went also live with a new digital communication concept called “Insights” presenting key euro area and national statistics. It will attract the public at large by visualizations on the “[Our Statistics](#)” website.



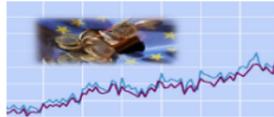
This website is about euro area and national central bank statistics, and presents a sub-set of available statistics.

Select your indicator and compare the euro area countries.

Bank interest rates	Banks balance sheet	Competitiveness indicators
Inflation rates	Investment funds	Macroeconomic indicators
Securities		

Click on the graphic to access Statistics Insights:

Issuance of debt securities



World Statistics Day 2015



About this site

Share/embed

Mr. João Cadete de Matos, director statistics, Banco de Portugal, illustrated the vital and important role of national central banks in contributing to euro area and national breakdowns and added, “The people behind the numbers are the most precious resource to succeed.”

**News Article**—On October 20, *The New York Times* published the following article about World Statistics Day 2015:

[Numbers Take a Star Turn on World Statistics Day](#)

## NATIONAL STATISTICAL ORGANIZATION: NEWS & EVENTS

Following is the latest news and information from national statistical organizations participating in The World of Statistics and other national statistical agencies:

**Tanzania**—The National Bureau of Statistics (NBS) has stressed on the importance of using information and communication technology (ICT) while collecting data as it is less costly compared to other ways of data collection.

Addressing students at the Eastern Africa Statistical Training Centre (EASTC) in Dar es Salaam last month, NBS Director General Dr. Albina Chuwa said data collection from the households without using ICT costs 12 bn/-.

"We statisticians in Africa have to run while carrying out our responsibilities. We should stop the business as usual syndrome," said the NBS boss during his World Statistics Day talk.

This year's World Statistics Day, which is themed "Better Data. Better Lives," is aimed at raising awareness on the importance of high-quality official statistics for better decision-making and improving the lives of people.

Chuwa reminded the upcoming African statisticians to help their governments to attain goals while planning to implement different programmes noting that governments depend on statistics for plans.

"It's high time to treat statistics as the sector because without statistics development in any country is going to be frustrated," observed Chuwa. The NBS, he pointed out that as the world prepares to adopt an ambitious global agenda on sustainable development the role for statisticians would be compiling and disseminating better data.

"Our core values, our professionalism, our long standing partnership as united global statistical community will help to make the world better place through better data," she said.

Chuwa said statisticians will be responsible for providing key information to monitor and review the new 2030 Agenda for Sustainable Development Goals (SDGs) adding that the SDGs follow and expand on the Millennium Development Goals (MDGs).

EASTC Rector Dr. Frank Mkumbo said the major challenge for statistics studies is the lack of financial support for those who are aspiring to study the course, saying the centre offers studies from certificate to postgraduate levels.

"Three East African countries, namely Tanzania, Kenya and Uganda, spearheaded the establishment of EASTC. The centre now serves students from more than 20 African countries," he said.

**Pakistan**—While approving the calendar for undertaking the upcoming population census, the government has decided to deploy armed forces personnel with enumerators to conduct the 2016 house listing and population census.

In the inaugural National Census Apex Committee held under chairmanship of Finance Minister Ishaq Dar, the group also formed a subcommittee to discuss the issue of enumeration of Afghan refugees residing within the general populace.

Keeping in view existing security situation and as per 1998 Census arrangements, security forces will be deployed on a man-to-man basis, e.g., one soldier with one enumerator. Under this arrangement, 165,000 armed forces and civil armed forces personnel will be deployed with civil enumerators.

Ishaq Dar welcomed the members of the Apex Committee and highlighted the importance of Census data. He referred to the Terms of Reference of the Committee which are to provide policy guidance and coordination to ensure the conduct of the Census-2016 in a transparent and credible manner. He pointed out that the last Census was held in 1998 and the pressing need for a fresh Census cannot be underestimated.

The chairman mentioned that the purpose for formation of a high level committee is to review the preparations made by the Pakistan Bureau of Statistics for smooth conduct of the census in the country and to get assistance of stakeholders in the federal and the provincial governments. The chair encouraged all-out efforts be made by all concerned to ensure a credible census.

Mr. Asif Bajwa, chief statistician, gave a comprehensive presentation on the design, structure and the preparations made by PBS for successful conduct of census. The methodology, appointment of field staff, activity calendar and role of stakeholders at federal and provincial levels was presented to the house.

Bajwa informed participants that CCI in its March meeting decided that Housing and Population Census will be conducted March 2016. Since, the department has initiated preparatory activities in this regard. The census activity calendar has been approved by the Governing Council fixing the timeframe of each activity. The department is making all-out efforts to adhere to the timeframe given by the government. Meetings with secretaries of Defence and Interior have been held to check availability of armed and civil armed forces. Similarly, meetings with the Chief Secretaries of Punjab, KP and Sindh have also been held to bring them on board and apprise them about their role in Census operations. Meetings with the remaining provinces/areas are scheduled. Meeting with Development Partners/donor community has also been held and areas identified where their assistance is required.

While explaining the Census methodology, the chief statistician informed the house that Census 2016 would be conducted in one go, meaning. house listing and main census will take place simultaneously. In all there are 165,000 Census blocks in the country including Fata, AJK and G-B for which total field force of 205,372 will be required as enumerators and supervisors.

The chief statistician informed that a budget of Rs14.5 billion has been approved for Census activities and the first installment has been released to meet expenses on preparatory activities. He highlighted the role of provincial governments and the federal government departments concerned for mobilization of human resources to ensure a successful Census.

After detailed deliberations, the chair directed that a meeting be held with the experts of Interior Division, Survey of Pakistan and IT Division to share their experiences in preparation of maps and assessment of IT equipment. He also directed Economic Affairs Division to coordinate with the donor agencies so that the equipment and materials requirements of PBS are met in a timely manner. The chair endorsed the suggestion of representative from Baluchistan that field staff may also be taken from other departments besides education department. The chair also directed that Census activities, including the production of all Census reports, be completed before December 2017.

Meanwhile, the 9th meeting of the Governing Council of Pakistan Bureau of Statistics (PBS) was held hereon Thursday. Finance Minister, Senator Mohammad Ishaq Dar chaired the meeting. The agenda of the meeting was adopted and the implementation status of the decisions reviewed.

The Chief Statistician gave a detailed presentation on the preparations for the forthcoming 6th Population and Housing census in the country.

### **JOIN THE WORLD OF STATISTICS**

If your organization or an organization you know of isn't yet participating in The World of Statistics, encourage them to join today. Joining is easy; just ask a representative of the group to go to [www.worldofstatistics.org](http://www.worldofstatistics.org) and click on the "Join" icon on the top right-hand side of the homepage to become an official participating organization in The World of Statistics. Participation is valuable and is absolutely free!

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