

Novedades de la Biblioteca del Instituto de Estadística y Cartografía de Andalucía

Publicaciones seriadas



Instituto de Estadística y Cartografía de Andalucía
CONSEJERÍA DE ECONOMÍA, INNOVACIÓN, CIENCIA Y EMPLEO

Septiembre - octubre
2015

PRESENTACIÓN

El presente boletín de novedades bibliográficas, con periodicidad bimestral pretende ser un instrumento para la difusión de la colección publicaciones seriadas en cualquier soporte, reunidas, conservadas y catalogadas en la Biblioteca del Instituto de Estadística y Cartografía de Andalucía. En él se diferencian dos partes:

- La primera, que contiene los datos relativos a título, ISSN y autor/editor de las publicaciones seriadas que se reciben en la Biblioteca y los números que han llegado en el período cronológico que abarca el boletín. Los títulos de las publicaciones seriadas están ordenados alfabéticamente.
- La segunda, que contiene los sumarios de dichas publicaciones.

Las publicaciones referenciadas en el boletín corresponden a las novedades ingresadas en la Biblioteca del Instituto de Estadística y Cartografía de Andalucía durante los meses de **septiembre y octubre de 2015** y pueden consultarse gratuitamente en sus instalaciones en la siguiente dirección:

Instituto de Estadística y Cartografía de Andalucía
Pabellón de Nueva Zelanda
C/Leonardo Da Vinci, n. 21. Isla de La Cartuja
41071 - SEVILLA
E-mail: biblio.ieca@juntadeandalucia.es
Teléfono: 955 033 800
Fax: 955 033 816

Horario de atención al público:

Lunes y jueves: de 9:00h a 14:00h. y de 16:00 a 19:00 h.

Martes, miércoles y viernes: de 9:00h a 14:00h.

Horario de verano (del 15 de junio al 15 de septiembre), Semana Santa, Feria de Sevilla y Navidad (del 24 de diciembre al 6 de enero): de lunes a viernes de 9:00h. a 14:00h.

PUBLICACIONES SERIADAS

AH : Andalucía en la historia, ISSN 1695-1956 / Fundación Centro de Estudios Andaluces
Número 50 (octubre – diciembre 2015): "La historia de Andalucía en 50 palabras". [Acceso al sumario](#)

Annals of the Institute of Statistical Mathematics, ISSN 0020-3157 / Institute of Statistical Mathematics ; Springer
Volume 67, number 5 (october 2015). [Acceso al sumario](#)

Biometika, ISSN 0006-3444 / Oxford University Press
Volume 102, number 3 (september 2015). [Acceso al sumario](#)

CIRIEC-ESPAÑA, revista de economía pública, social y cooperativa, ISSN 0213-8093 / Centro Internacional de Investigación e Información sobre la Economía Pública, Social y Cooperativa
Número 83 (abril 2015). [Acceso al sumario](#)

Economist, The / The Economist Group
Number 8953 (29 august – 4 september 2015). [Acceso al sumario](#)
Number 8954 (5 – 11 september 2015). [Acceso al sumario](#)
Number 8955 (12 – 18 september 2015). [Acceso al sumario](#)
Number 8956 (19 – 25 september 2015). [Acceso al sumario](#)
Number 8957 (26 september – 2 october 2015). [Acceso al sumario](#)
Number 8958 (2 – 9 october 2015). [Acceso al sumario](#)
Number 8959 (10 – 16 october 2015). [Acceso al sumario](#)
Number 8960 (17 – 23 october 2015). [Acceso al sumario](#)

España. Consejo General del Poder Judicial. Memoria : Estadísticas judiciales [CD-Rom] / Consejo General del Poder Judicial
Memoria 2015: "Estadísticas judiciales 1995-2014". [Acceso al sumario](#)

España en cifras, ISSN 1136-1611 / Instituto Nacional de Estadística
Año 2015. [Acceso al sumario](#)

Journal of agricultural, biological, and environmental statistics, ISSN 1085-7117 / The International Biometric Society ; The American Statistical Association ; Springer
Volume 20, number 3 (september 2015). [Acceso al sumario](#)

Mapping : revista internacional de Ciencias de la Tierra, ISSN 1131-9100 / Revista Mapping
Volumen 24, número 171 (mayo – junio 2015). [Acceso al sumario](#)
Volumen 24, número 172 (julio – agosto 2015). [Acceso al sumario](#)

Population research and policy review, ISSN 0167-5923 / Springer in cooperation with the
Southern Demographic Association
Volume 34, number 5 (october 2015). [Acceso al sumario](#)

Puertos del Estado. Memorias de las Autoridades Portuarias y Anuario estadístico de Puertos del Estado [USB] / Ministerio de Fomento, Puertos del Estado
Año 2013

Revista de fomento social, ISSN 0015-6043 / ETEA, Institución Universitaria de la Compañía de Jesús
Volumen 70, número 227 (2015). [Acceso al sumario](#)

Sector público empresarial de la Comunidad Autónoma de Andalucía / Consejería de Hacienda y Administración Pública
Años 2012-2013. [Acceso al sumario](#)

Sector público empresarial de la Comunidad Autónoma de Andalucía [CD-Rom] / Consejería de Hacienda y Administración Pública
Año 2012-2013. [Acceso al sumario](#)

Teaching statistics, ISSN 0141-982X / The Teaching Statistics Trust ; Wiley & Sons
Volume 37, number 3 (autumn 2015). [Acceso al sumario](#)

Edita: Centro de Estudios Andaluces
Presidente: Manuel Jiménez Barrios
Directora gerente: Mercedes de Pablos Candón

Coordinación: Alicia Almárcegui Elduayen
Consejo de Redacción: Eva de Uña Ibáñez, Rafael Corpas Latorre, Esther García García y Lorena Muñoz Limón.

Director: Manuel Peña Díaz
Consejo Editorial: Carlos Arenas Posadas, Marieta Cantos Casenave, Juan Luis Carriazo Rubio, Salvador Cruz Artacho, José Luis Chicharro Chamorro, María José de la Pascua Sánchez, Encarnación Lemus López, Carlos Martínez Shaw, Teresa María Ortega López, Antonio Ramos Espejo, Valeriano Sánchez Ramos y José Luis Sanchidrián Torti.

Diseño: SumaySigue Comunicación
Maquetación y tratamiento de las imágenes: Gomcaru, S.L. / Emilio Barberi Rodríguez
Impresión: Servigraf Artes Gráficas
Distribución: Distrimedios, S. A.

El Centro de Estudios Andaluces es una Fundación Pública Andaluza adscrita a la Consejería de la Presidencia y Administración Local de la Junta de Andalucía.
Centro de Estudios Andaluces
C/ Bailén, 50 - 41001 Sevilla
Información y suscripciones: 955 055 210
fundacion@centrodeestudiosandaluces.es
Correo-e:
andaluciaenlahistoria@centrodeestudiosandaluces.es
URL: www.centrodeestudiosandaluces.es
Depósito legal: SE-3272-02
ISSN: 1695-1956

Imagen de portada: www.arqueophoto.com

'Andalucía en la Historia' no se responsabiliza de las opiniones emitidas por los colaboradores y participantes de cada número de la revista.

ecoedición

Tinta sin metales pesados y papeles procedentes de una gestión forestal sostenible

Impacto ambiental por producto ingreso por 100 g de producto	Agotamiento de recursos fósiles 0,18 kg petróleo eq	Huella de CO₂ carbono 0,5 Kg CO ₂ eq
	0,04 kg petróleo eq	0,13 Kg CO ₂ eq
% medio de un ciudadano europeo por día	3,98 %	1,66 %

JUNTA DE ANDALUCÍA
CONSEJERÍA DE LA PRESIDENCIA Y ADMINISTRACIÓN LOCAL
reg. n.º 2015/1111
Más información en www.ecoedicion.eu

Prehistoria 6-17

- 6-7 **Primeros pobladores**
Isidro Toro Moyano
- 8-9 **Cazadores-recolectores**
José Antonio Caro Gómez
- 10-11 **Sociedades productoras**
José Antonio Riquelme Cantal
- 12-13 **Arte rupestre**
José Luis Sanchidrián Torti
- 14-15 **Megalitismo**
José Antonio Linares Catela
- 16-17 **El Argar**
Francisco Contreras Cortés

Antigüedad 18-33

- 18-19 **Fenicios y griegos**
Eduardo Ferrer Albelda
- 20-21 **Tarteso**
Manuel Álvarez Martí-Aguilar
- 22-23 **Iberos**
José Luis Chicharro Chamorro
- 24-25 **Romanización**
Juan M. Campos Carrasco
- 26-27 **Minería romana**
Aurelio Pérez Macías
- 28-29 **Agricultura y comercio**
Desiderio Vaquerizo Gil
- 30-31 **Cristianismo**
José Antonio Garriguet Mata
- 32-33 **Visigodos**
Pedro Castillo Maldonado

Época medieval 34-45

- 34-35 **Al-Andalus**
Alejandro García Sanjuán
- 36-37 **Califatos**
María Jesús Viguera Molins
- 38-39 **Reconquista**
Manuel García Fernández
- 40-41 **El Reino de Granada**
Francisco Vidal Castro
- 42-43 **Frontera**
Juan Luis Carriazo Rubio
- 44-45 **Mudéjar**
Juan Clemente Rodríguez Estévez

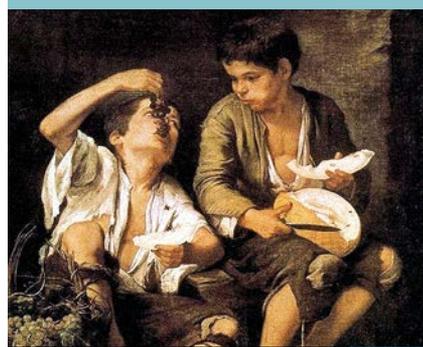
Época medieval-moderna 46-55

- 46-47 **Sefarad**
Juan Ignacio Pulido Serrano
- 48-49 **Repoblaciones**
Valeriano Sánchez Ramos
- 50-51 **Nobleza y señorío**
Rafael Sánchez Saus
- 52-53 **Concejos**
Jesús Manuel González Beltrán
- 54-55 **Limpieza de sangre**
Béatrice Perez



Época moderna 56-71

- 56-57 **Inquisición**
Manuel Peña Díaz
- 58-59 **Moriscos**
Amalia García Pedraza
- 60-61 **Esclavitud**
Aurelia Martín Casares
- 62-63 **Mendigos y pícaros**
Juan Ignacio Carmona García
- 64-65 **Epidemias y muerte**
María José de la Pascua Sánchez
- 66-67 **Religiosidad**
María Luisa Candau Chacón
- 68-69 **El Siglo de Oro**
Ignacio García Aguilar
- 70-71 **Carrera de Indias**
Marina Alfonso Mola



Edad contemporánea 72-105

- 72-73 **Bandolerismo**
Francisco Luis Díaz Torrejón
- 74-75 **Cádiz 1812**
Gonzalo Butrón Prida
- 76-77 **Ciudadanas**
Gloria Espigado Tocino
- 78-79 **La expansión minera**
Andrés Sánchez Picón
- 80-81 **Caciquismo**
María Antonia Peña Guerrero
- 82-83 **Republicanismo**
Santiago Jaén Milla
- 84-85 **Emigración**
Francisco Contreras Pérez
- 86-87 **Anarquismo**
José Luis Gutiérrez Molina
- 88-89 **Reforma agraria**
Francisco Cobo Romero
- 90-91 **Ideal Andaluz**
Fernando Arcas Cubero
- 92-93 **La Edad de Plata**
Francisco Morales Lomas
- 94-95 **Guerra Civil**
Carlos Arenas Posadas
- 96-97 **Represión franquista**
Encarnación Barranquero
- 98-99 **Hambre y estraperlo**
Miguel Ángel del Arco Blanco
- 100-101 **Exilio**
Inmaculada Cordero y Encarnación Lemus
- 102-103 **Amnistía, democracia**
Teresa María Ortega López
- 104-105 **Del 4D al 28F**
Salvador Cruz Artacho

Annals of the Institute of Statistical Mathematics

Vol. 67, No. 5
October 2015

- 817 Xuan Wang, Qihua Wang, and Xiao-Hua Andrew Zhou
Partially varying coefficient single-index additive hazard models
- 843 M.C. Jones, Arthur Pewsey, and Shogo Kato
On a class of circulas: copulas for circular distributions
- 863 Yuan-Tsung Chang and Nobuo Shinozaki
Estimation of two ordered normal means under modified
Pitman nearness criterion
- 885 Artur J. Lemonte
On local power properties of the LR, Wald, score and gradient tests
in nonlinear mixed-effects models
- 897 Xiao Bing Zhao and Xian Zhou
Estimation of copula-based models for lifetime medical costs
- 917 Rainer Dyckerhoff, Christophe Ley, and Davy Paindaveine
Depth-based runs tests for bivariate central symmetry
- 943 Yoshiyuki Ninomiya
Change-point model selection via AIC
- 963 Minerva Mukhopadhyay, Tapas Samanta, and Arijit Chakrabarti
On consistency and optimality of Bayesian variable selection based
on g -prior in normal linear regression models
- 999 Peng Liu, Yixin Wang, and Yong Zhou
Quantile residual lifetime with right-censored and length-biased data

Abstracted/Indexed in:

Academic OneFile, Academic Search, Astrophysics Data
System (ADS), Current Abstracts, Current Index to Statistics,
EBSCO, Ei-Compendex, Gale, GeoRef, Google Scholar,
International Bibliography of Periodical Literature (IBZ),
Journal Citation Reports/Science Edition, Mathematical
Reviews, OCLC, Proquest, Research Papers in Economics
(RePEc), Science Citation Index Expanded (SciSearch),
SCOPUS, STMA-Z, Summon by Serial Solutions,
VINITI - Russian Academy of Science, Zentralblatt Math

BIOMETRIKA VOL. 102, NO. 3

CONTENTS

	PAGE
LABER, E. B. and ZHAO, Y. Q. Tree-based methods for individualized treatment regimes	501
WANG, Y., LIANG, B., TONG, X., MARDER, K., BRESSMAN, S., ORR-URTREGER, A., GILADI, N. and ZENG, D. Efficient estimation of nonparametric genetic risk function with censored data	515
DANAHER, P., PAUL, D. and WANG, P. Covariance-based analyses of biological pathways	533
CHEN, X., COOK, R. D. and ZOU, C. Diagnostic studies in sufficient dimension reduction	545
KANAMORI, T. and FUJISAWA, H. Robust estimation under heavy contamination using unnormalized models	559
NORDHAUSEN, K. and TYLER, D. E. A cautionary note on robust covariance plug-in methods	573
RO, K., ZOU, C., WANG, Z. and YIN, G. Outlier detection for high-dimensional data	589
KURTEK, S. and BHARATH, K. Bayesian sensitivity analysis with the Fisher–Rao metric	601
SCOTT, J. G., SHIVELY, T. S. and WALKER, S. G. Nonparametric Bayesian testing for monotonicity	617
MA, P., HUANG, J. Z. and ZHANG, N. Efficient computation of smoothing splines via adaptive basis sampling	631
GHOSH, M., KUBOKAWA, T. and KAWAKUBO, Y. Benchmarked empirical Bayes methods in multiplicative area-level models with risk evaluation	647
GIANNERINI, S., MAASOUMI, E. and BEE DAGUM, E. Entropy testing for nonlinear serial dependence in time series	661
WAITE, T. W. and WOODS, D. C. Designs for generalized linear models with random block effects via information matrix approximations	677
ROOTZÉN, H. and ZHOLUD, D. Efficient estimation of the number of false positives in high-throughput screening	695
MISCELLANEA	
WADSWORTH, J. L. On the occurrence times of componentwise maxima and bias in likelihood inference for multivariate max-stable distributions	705
COX, D. R. Big data and precision	712
LI, G., GUAN, B., LI, W. K. and YU, P. L. H. Hysteretic autoregressive time series models	717
HUI, F. K. C., WARTON, D. I. and FOSTER, S. D. Order selection in finite mixture models: complete or observed likelihood information criteria?	724
MA, L., HU, T. and SUN, J. Sieve maximum likelihood regression analysis of dependent current status data	731
KENNEDY, E. H., SJÖLANDER, A. and SMALL, D. S. Semiparametric causal inference in matched cohort studies	739
CHEN, H. Y. A note on convergence of an iterative algorithm for semiparametric odds ratio models	747

© 2015 Biometrika Trust

ISSN 0006-3444 (Print)

ISSN 1464-3510 (Online)

*Typeset by Techset Composition Ltd, Chennai, India
Printed and Bound by Bell and Bain, Glasgow, U.K.*

SUMARIO

nº 83, abril 2015

IMPACTO ECONÓMICO Y SOCIAL DE LA ECONOMÍA SOCIAL.

Presentación del número. Carmen Marcuello **5**

Toward a New Metrics for the Evaluation of the Social Added Value of Social Enterprises

Andrea Bassi and Giorgia Vincenti..... **9**

Monetizing the social value: theory and evidence

José-Luis Retolaza, Leire San-Jose and Maite Ruiz-Roqueñi **43**

Impacto económico y en el empleo de la Economía Social en España.

Un análisis multisectorial

Patricia D. Fuentes Saguar y Alfredo J. Mainar Causapé **63**

Impacto territorial del autoempleo en la economía social en España

María del Carmen Pérez González y Lidia Valiente Palma **83**

El empleo de las cooperativas. Un análisis comparativo de sus fases cíclicas y de su grado de sincronización

Mercè Sala Ríos, Teresa Torres Solé y Mariona Farré Perdiguier **115**

La revelación social a partir de la guía GRI de la economía social: una herramienta para mejorar las relaciones socio-cooperativa

Francisca Castilla-Polo, Dolores Gallardo-Vázquez y

M^a Isabel Sánchez-Hernández **143**

Globalización del proceso productivo establecido y su impacto socioeconómico. El caso de Orkli S. Coop. en China	
Paula Arzadun	169
Size and profitability in co-operative banking: a picture from inside a Portuguese institution	
Sérgio Lagoa and Licínio Prata Pina	201
Los determinantes de la compra de productos con etiquetas de contenido social y ambiental	
Isabel Carrero, Carmen Valor y Raquel Redondo.....	235
¿Para qué sirve un banco de alimentos? Relaciones con sus entidades beneficiarias en una región del Norte de España	
Jorge Coque, Pilar L. González Torre y Marta García Rodríguez	251
Instrucciones para la presentación de originales	283
El CIDEA y revistas científicas sobre economía pública, social y cooperativa indexadas por el CIDEA	290
Listado de ponentes y evaluadores e informe de gestión de la revista	293
Índice cronológico de la Revista	295

Nota de Redacción: La revista no se hace responsable ni comparte necesariamente las opiniones expresadas por los autores de las colaboraciones, quienes las formulan bajo su exclusiva responsabilidad.



On the cover

Fears about China's economy can be overdone. But investors are right to be nervous about what the world has in store: leader, page 9. A stockmarket tumble in China has raised questions far beyond its shores, pages 17-20

The Economist online

Daily analysis and opinion to supplement the print edition, plus audio and video, and a daily chart Economist.com

E-mail: newsletters and mobile edition Economist.com/email

Print edition: available online by 7pm London time each Thursday Economist.com/print

Audio edition: available online to download each Friday Economist.com/audioedition



Volume 416 Number 8953

Published since September 1843 to take part in "a severe contest between intelligence, which presses forward, and an unworthy, timid ignorance obstructing our progress."

Editorial offices in London and also: Atlanta, Beijing, Berlin, Brussels, Cairo, Chicago, Lima, Mexico City, Moscow, Mumbai, Nairobi, New Delhi, New York, Paris, San Francisco, São Paulo, Seoul, Shanghai, Singapore, Tokyo, Washington DC

7 The world this week

Leaders

- 9 **Market turbulence**
The Great Fall of China
- 10 **Government fees**
It'll cost you
- 10 **The Iran agreement**
Heat but not much light
- 11 **Migration to Europe**
Let them in; let them earn
- 12 **Virtual reality**
The vision thing

Letters

- 14 **On patents, Germany and Poland, Donald Trump and Hillary Clinton**

Briefing

- 17 **China and the economy**
Taking a tumble

Europe

- 21 **Migration in Europe**
Looking for a home
- 24 **French security**
Derailed
- 24 **South-eastern Europe**
Knocking on heaven's door
- 25 **Turkish politics**
The gambler
- 25 **Greek elections**
And another one

Britain

- 26 **Public services**
Pay-as-you-go government
- 27 **Murder and politics in Belfast**
Consequences of a killing
- 27 **Weather and the BBC**
Turned out not so nice
- 28 **Bagehot**
Lessons from Angela Merkel

Middle East and Africa

- 29 **South Africa's state-owned companies**
Commanding plights
- 30 **Ebola in Sierra Leone**
Hail to the chiefs
- 31 **Reforming Iraq**
Good on paper

- 31 **Protests in Lebanon**
Talking trash
- 32 **Israeli politics**
The left's Likudnik
- 32 **Muslim dress in Egypt**
Haughty about the hijab

United States

- 33 **Nuclear waste**
Faff and fallout
- 34 **Teamsters**
Truckin' on
- 34 **The Iran deal**
Counting heads
- 36 **Jimmy Carter**
High Plains drifter
- 37 **Counterfeit art**
The Bean and the Bubble
- 38 **Lexington**
School buses in decline

The Americas

- 39 **Crime in Venezuela**
Justice decayed
- 40 **Canada's economy**
The new rustbelt
- 40 **Caribbean resorts**
Seaweed in paradise

Asia

- 41 **Politics in Malaysia**
No more Mr Nice Guy
- 42 **An election in Singapore**
May the best party win
- 42 **Troubled Nepal**
Clashing over a constitution
- 43 **Modi's style**
Lights, camera, inaction!
- 44 **Banyan**
Views of Japan

China

- 45 **Living alone (1)**
Young, single and what about it?
- 46 **Living alone (2)**
Old and isolated



Migration A bigger welcome mat would be in Europe's own interest: leader, page 11. Asylum-seekers, economic migrants and residents of all stripes fret over their place in Europe, page 21

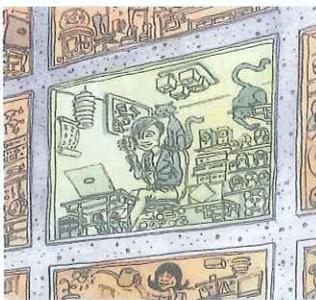


Pay-as-you-go government Charging for public services sometimes makes sense. Often, though, it is a racket: leader, page 10. From divorces to corpses, Britain's cash-strapped government departments are finding new sources of revenue, page 26

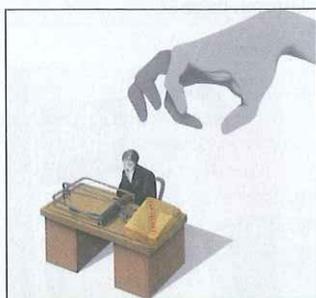


South Africa The national airline and other disastrously managed state companies are dragging down the economy, page 29



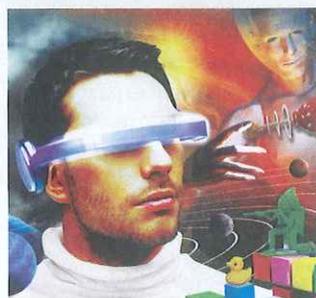


Living alone in China Young people seem increasingly content to live by themselves, page 45. The elderly are not so happy, page 46



Corporate espionage

The techniques of counter-intelligence can help firms protect themselves against cyber-attacks: Schumpeter, page 54



Virtual reality The technology is promising but, in its current form, it will not conquer the mass market: leader, page 12. Virtual reality flopped in the 1990s. It is learning from its mistakes, page 61

International

- 47 **Luxury holidays**
A place to lay your bread
- 48 **Responsible tourism**
Travelling light

Business

- 49 **Ads in the digital age**
A brand new game
- 50 **Monetising Snapchat**
Snap judgments
- 51 **Agricultural supplies**
Monsanto walks away
- 51 **Taxing multinationals**
Patently problematic
- 52 **Bakeries**
Croissantonomics
- 54 **Schumpeter**
Manage like a spymaster

Finance and economics

- 56 **Investing in infrastructure**
Building works
- 57 **Ukraine's debt restructuring**
Tinkering
- 57 **Defending the naira**
Wheelbarrows to the rescue
- 58 **Monetary policy in Japan**
Core concern
- 58 **The economics of generosity**
Good neighbours
- 59 **Private islands**
Non-profit paradise
- 60 **Free exchange**
The drawbacks of auctions

Science and technology

- 61 **Virtual reality**
Grand illusions

Science brief

- 64 **What caused the Cambrian explosion?**
The other Big Bang

Books and arts

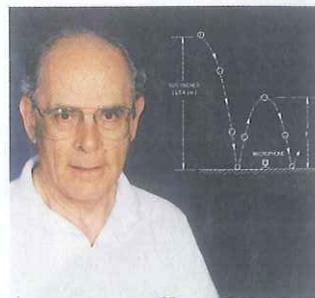
- 66 **Italian fiction**
Ties that bind
- 67 **Why companies fail**
Blighting the horizon
- 67 **The French Resistance**
Freedom force
- 68 **The Lewis chessmen**
Bones of contention
- 69 **Islamist violence**
Hydra-headed
- 69 **Contemporary art in Japan**
Educating Aida

72 Economic and financial indicators

Statistics on 42 economies, plus a closer look at market volatility

Obituary

- 74 **Howard Brody**
The science of swing



The physics of tennis Howard Brody, the Isaac Newton of the tennis ball: Obituary, page 74

Subscription service

For our full range of subscription offers, including digital only or print and digital combined, visit Economist.com/offers or call the telephone number provided below:
Telephone: +44 (0) 845 120 0983 or +44 (0) 207 576 8448

Subscription for 1 year (51 issues)

Print only	
Euro-zone countries	€188
Denmark	DKr 1,399
Hungary	HUF 58,107
Norway	NKr 1,379
Poland	PLN 809
Sweden	SKr 1,636
Switzerland	SFr 255
Other Europe (ex UK)	€188
Middle East - GCC	US\$347, £243
South Africa	Rand 1,700, US\$175, £120
Middle East and Africa	US\$280, £196

Principal commercial offices:

25 St James's Street, London SW1A 1HG
Tel: 020 7830 7000

Rue de l'Athénée 32
1206 Geneva, Switzerland
Tel: 41 22 566 2470

750 3rd Avenue, 5th Floor, New York, NY 10017
Tel: 1 212 541 0500

60/F Central Plaza
18 Harbour Road, Wanchai, Hong Kong
Tel: 852 2585 3888

Other commercial offices:

Chicago, Dubai, Frankfurt, Los Angeles, Paris, San Francisco and Singapore



PEFC certified

This copy of *The Economist* is printed on paper sourced from sustainably managed forests certified by PEFC www.pefc.org





On the cover
Why the Donald is dangerous: leader, page 15. The Republican Party regularly sees insurgents in its primaries. A self-funding one who seems capable of saying almost anything, though, is something new, pages 25-27. Bosses must learn how to deal with the egomania that comes with power: Schumpeter, page 62

The Economist online

Daily analysis and opinion to supplement the print edition, plus audio and video, and a daily chart Economist.com

E-mail: newsletters and mobile edition Economist.com/email

Print edition: available online by 7pm London time each Thursday Economist.com/print

Audio edition: available online to download each Friday Economist.com/audioedition

The Economist

Volume 416 Number 8954

Published since September 1843 to take part in "a severe contest between intelligence, which presses forward, and an unworthy, timid ignorance obstructing our progress."

Editorial offices in London and also: Atlanta, Beijing, Berlin, Brussels, Cairo, Chicago, Lima, Mexico City, Moscow, Mumbai, Nairobi, New Delhi, New York, Paris, San Francisco, São Paulo, Seoul, Shanghai, Singapore, Tokyo, Washington DC

11 The world this week

Leaders

- 15 **American politics**
Trump's America
- 16 **Europe's migrant crisis**
Merkel the bold
- 16 **Brazil's disastrous budget**
All fall down
- 17 **South Africa's foreign policy**
Clueless and immoral
- 18 **Remittances**
Costly cash

Letters

- 20 **On China, science, Alexander Hamilton, editing genes**

Briefing

- 25 **The Trump campaign**
The art of the demagogue
- 27 **Foreign policy**
Time to strike fear

Europe

- 29 **Generation Interrail**
What Europe means to the young
- 30 **Polish gold fever**
Waiting for the train
- 31 **France's National Front**
From protest to power
- 32 **Workers and wages**
Our turn to eat
- 32 **Organised crime**
Ruffians in Rome
- 33 **Charlemagne**
Sprechen Sie power?

Britain

- 34 **Older workers**
March of the greybeards
- 35 **Britain and Europe**
Le wobble
- 35 **Music and journalism**
Public NME
- 36 **Bagehot**
The land Labour forgot

Middle East and Africa

- 37 **The Arabs and oil**
The perils of relying on the sticky stuff
- 38 **Iranian politics**
A lion in winter
- 39 **Investment in Iran**
Not so fast
- 39 **Smartphones and ultra-Orthodox Jews**
Digital temptations
- 40 **Tourism in South Africa**
Beware of good intentions
- 40 **Boko Haram**
Shadow army

The Americas

- 41 **Brazil's economy**
Desperate times, desperate moves
- 42 **Guatemala's president**
Not so serene
- 42 **Canada's pot-loving church**
Dope springs eternal

Technology Quarterly

After page 42

United States

- 43 **Poverty**
It's expensive to be poor
- 44 **Arguing over Iran**
Fighting talk
- 45 **Dairy farming**
From moo to you
- 46 **Arctic America**
Tales of Atlantis
- 47 **Lexington**
Carly Fiorina

Asia

- 48 **Marriage in India**
Love (and money) conquer caste
- 49 **Pakistani politics**
Karachi crackdown
- 50 **Indonesia**
Too-gentle Jokowi?
- 50 **The Koreas and China**
He shells, she shells
- 51 **Women and work in Japan**
Busy? Get an abortion



Merkel and migrants

On refugees, Germany's chancellor is brave, decisive and right: leader, page 16. Once a symbol of hope, the EU has lost the power to inspire its future citizens, page 29



Marriage in India More and more young Indians are choosing their own spouses, page 48



Urban biking Many cities are starting to put pedestrians and cyclists before motorists. That makes them nicer—and healthier—to live in, page 55



► Contents continues overleaf

NT. 16006120 / col. 500 107



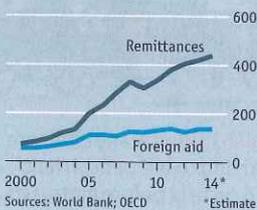
Emerging-market woes Brazil is in an economic hole—and still digging: leader, page 16. Dilma Rousseff tosses Congress a challenge, page 41. Local politics are a bigger threat to India than global shocks, page 63. Markets are dangerously dependent on central banks: Buttonwood, page 64



Primark A rapidly rising, super-cheap Irish clothes retailer prepares to conquer America. Rivals should be fearful, page 57

Capital flows

To the developing world, \$bn



Sources: World Bank; OECD *Estimate

Remittances Regulation is raising the cost of sending money to the world's poor. Reform it: leader, page 18. How a torrent of money from workers abroad reshapes an economy, page 65. Why it is so costly to remit money, page 66

China

- 52 **Victory Day celebrations**
Xi Jinping's show of strength
- 53 **The price of pageantry**
Beijing in lockdown
- 54 **Banyan**
Chinese meritocracy

International

- 55 **Urban planning**
Two wheels good, four wheels bad
- 56 **Physical inactivity**
You have waked me too soon...

Business

- 57 **Primark**
Faster, cheaper fashion
- 58 **Employers in America**
Work to rule
- 59 **Hispanic broadcasting**
Univision's blurry picture
- 59 **ENI in Egypt**
Euregas!
- 60 **Hon Hai**
Kicking the Apple addiction
- 62 **Schumpeter**
The Trump in every leader

Finance and economics

- 63 **India's economy**
Still in business
- 64 **Buttonwood**
Taming markets
- 65 **Global banks**
Emerging troubles
- 65 **Remittances**
Like manna from heaven
- 66 **The cost of international transfers**
A tax on the poor
- 67 **Free exchange**
Is China exporting deflation?

Science brief

- 68 **Why does time pass?**
The moving finger writes

Science and technology

- 70 **Medicinal chemistry**
Drugs that live long will prosper
- 71 **The war on malaria**
A charge that sticks
- 72 **Fisheries**
Drawing the line
- 72 **Evolution**
Slippery customers

Books and arts

- 73 **Gay rights in America**
The arc of history
- 74 **American college football**
Punishingly profitable
- 74 **Religious conflict**
Bloodied brothers
- 75 **Herring's history**
Net worth
- 76 **New American fiction**
Being Franzen's friends
- 76 **Cross-cultural art**
East meets West

- 80 **Economic and financial indicators**
Statistics on 42 economies, plus our monthly poll of forecasters

Obituary

- 82 **Oliver Sacks**
Travels through a mindscape



Technology Quarterly

This week we publish our Technology Quarterly with stories on new ways to detect clandestine nuclear weapons, touchscreens that respond to multiple gestures, computer chips that get ever cheaper, 3D-printed buildings and much more, after page 42

Subscription service

For our full range of subscription offers, including digital only or print and digital combined, visit Economist.com/offers or call the telephone number provided below: **Telephone:** +44 (0) 845 120 0983 or +44 (0) 207 576 8448

Subscription for 1 year (51 issues)	
Print only	
Euro-zone countries €188	
Denmark	DKr 1,399
Hungary	HUF 58,107
Norway	NKr 1,379
Poland	PLN 809
Sweden	SKr 1,636
Switzerland	SFr 255
Other Europe (ex UK)	€188
Middle East – GCC	US\$347, £243
South Africa	Rand 1,700, US\$175, £120
Middle East and Africa	US\$280, £196

Principal commercial offices:

25 St James's Street, London SW1A 1HG
Tel: 020 7830 7000

Rue de l'Athénée 32
1206 Geneva, Switzerland
Tel: 41 22 566 2470

750 3rd Avenue, 5th Floor, New York, NY 10017
Tel: 1 212 541 0500

60/F Central Plaza
18 Harbour Road, Wanchai, Hong Kong
Tel: 852 2585 3888

Other commercial offices:

Chicago, Dubai, Frankfurt, Los Angeles, Paris, San Francisco and Singapore



PEFC certified

This copy of *The Economist* is printed on paper sourced from sustainably managed forests certified by PEFC www.pefc.org





On the cover
Europe should welcome more refugees and economic migrants—for the sake of the world and itself: leader, page 13. Germany takes the lead, page 21. Countries have coped with great inflows of refugees before, though not always well, page 22. Diplomats' hopes of ending Syria's four-year war go into reverse, page 35

The Economist online

Daily analysis and opinion to supplement the print edition, plus audio and video, and a daily chart Economist.com

E-mail: newsletters and mobile edition Economist.com/email

Print edition: available online by 7pm London time each Thursday Economist.com/print

Audio edition: available online to download each Friday Economist.com/audioedition



Volume 416 Number 8955

Published since September 1843 to take part in "a severe contest between intelligence, which presses forward, and an unworthy, timid ignorance obstructing our progress."

Editorial offices in London and also: Atlanta, Beijing, Berlin, Brussels, Cairo, Chicago, Lima, Mexico City, Moscow, Mumbai, Nairobi, New Delhi, New York, Paris, San Francisco, São Paulo, Seoul, Shanghai, Singapore, Tokyo, Washington DC

10 The world this week

Leaders

- 13 **Refugees in Europe**
Exodus
- 14 **Gay marriage**
Some martyr
- 14 **The Federal Reserve**
False start
- 15 **Business in China**
The bit that works
- 16 **Biodiversity**
Growing pains

Letters

- 18 **On Israel, Britain, advertising, taxes, the Suez Canal, education, the octopus, capitalism**

Briefing

- 21 **The Syrian exodus**
"Germany! Germany!"
- 22 **Europe's challenge**
Strangers in strange lands

Europe

- 25 **Turkey and the Kurds**
The hatred never went
- 26 **Greek voters**
Life under capital controls
- 27 **Russia's opposition**
Lonely but not lost
- 28 **Charlemagne**
The migrant maze

Britain

- 31 **The new Elizabethans**
Longest to reign over them

Middle East and Africa

- 35 **Syria**
Positions harden
- 36 **Targeting terrorists**
Britain's jihadi kill list
- 36 **Rights in the Gulf**
Creeping consultation
- 37 **Yemen's war**
A downward spiral
- 38 **Public transport in Africa**
In praise of matatus

United States

- 39 **Cyber-security**
Trouble shooting
- 40 **Culture wars, cont'd**
One man's freedom
- 41 **United Airlines**
The chairman's flight
- 41 **Hawaii**
Under the volcano
- 42 **Museums of black history**
A fresh start
- 43 **Wildfires**
America in flames
- 44 **Lexington**
The cross blue line

Special report

- Business in China**
After page 44

The Americas

- 45 **Canada's role in the world**
Strong—and free-riding
- 46 **Guatemala's politics**
Change you can laugh at
- 47 **Colombia and Venezuela**
Seeking scapegoats
- 47 **Mexico's massacre probe**
Look harder

Asia

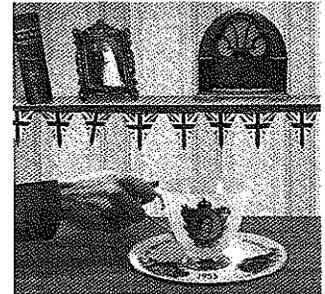
- 49 **Coup politics in Thailand**
Curiouser and curiouser
- 50 **Japan's yakuza**
Doing the splits
- 50 **New Zealand's flag**
Hang up the fern
- 51 **The Pacific Islands Forum**
Australasia feels the heat
- 52 **Banyan**
South-East Asia's haze

China

- 53 **Local-government debt**
Looking for ways to spend
- 54 **A religious revival**
Animal spirits

International

- 55 **Agricultural biodiversity**
Banks for bean counters
- 56 **Botany and bureaucracy**
A dying breed



The queen During Elizabeth II's record-breaking reign, the United Kingdom has become a diverse, fragmented one, page 31



Canada It likes to think of itself as a global benefactor, but Canada has a mean streak, page 45



Yakuza Under pressure, Japan's biggest criminal gang has split. Prepare for a fight, page 50

23/9/15

REV. 150



► Contents continues overleaf

NT 16006120 - col. 500409



Digital assistants Technology firms vying to become consumers' personal secretaries threaten privacy and competition alike, page 57



The Fed Before raising interest rates, America's central bank should wait until inflation is closer to target: leader, page 14. The case for a rate increase is hazy, page 64. The Fed faces some disturbing precedents, page 66



Alzheimer's Along with other neurodegenerative disorders such as Parkinson's, it may be transmissible, page 72

Business

- 57 Virtual PAs**
The software secretaries
- 58 Android in China**
Lure of the mobile kingdom
- 59 Glencore and commodities**
Nowhere to hide
- 59 Spanish family firms**
Opening up
- 60 E-commerce in India**
Stack and deliver
- 61 AirAsia**
A turbulent patch
- 62 Mitsubishi in Mexico**
A covenant of salt
- 63 Schumpeter**
Scientific management in the digital age

Finance and economics

- 64 The Federal Reserve**
More red lights than green
- 65 Buttonwood**
A world of pricey returns
- 66 A history of rate rises**
Tightening pains
- 66 Cash for residency**
Visas for investors
- 67 Bank heists**
Crime and leniency
- 67 Europe's capital markets**
Vision and reality
- 68 Puerto Rico's debt**
No way out
- 69 Free exchange**
Measuring austerity

Science brief

- 70 What is consciousness?**
The hard problem

Science and technology

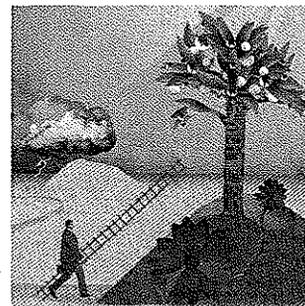
- 72 Alzheimer's disease**
Chain reaction
- 73 Stonehenge**
Where the demons dwell
- 74 Palaeoanthropology**
Ecce Homo naledi
- 74 Herpetology**
Veggies in the making

Books and arts

- 75 Frederick the Great**
Prussian and powerful
- 76 Drug-dealing in Brazil**
Nem of Rocinha
- 76 The internet in Russia**
Red web
- 77 Cricket**
Game of life
- 77 John Lahr on the theatre**
Bright light
- 78 Pop Art at 50**
Colour me beautiful
- 82 Economic and financial indicators**
Statistics on 42 economies, plus a closer look at budget transparency

Obituary

- 84 Claus Moser**
Outside in



China If the economic miracle is to continue, officials must give the private sector more freedom: leader, page 15. Despite China's recent troubles, the prospects for its enterprising private sector remain bright. See our special report after page 44

Subscription service

For our full range of subscription offers, including digital only or print and digital combined, visit Economist.com/offers or call the telephone number provided below: Telephone: +44 (0) 345 120 0983 or +44 (0) 207 576 8448

Subscription for 1 year (51 issues)

Print only	
Euro-zone countries	€188
Denmark	DKr 1,399
Hungary	HUF 58,107
Norway	NKr 1,379
Poland	PLN 809
Sweden	SKr 1,636
Switzerland	SFr 255
Other Europe (ex UK)	€188
Middle East - GCC	US\$347, £243
South Africa	Rand 1,700; US\$175, £120
Middle East and Africa	US\$280, £196

Principal commercial offices:

25 St James's Street, London SW1A 1HG
Tel: 020 7830 7000

Rue de l'Athénée 32
1206 Geneva, Switzerland
Tel: 41 22 566 2470

750 3rd Avenue, 5th Floor, New York, NY 10017
Tel: 1 212 541 0500

1301 Cityplaza Four,
12 Taikoo Wan Road, Taikoo Shing, Hong Kong
Tel: 852 2585 3888

Other commercial offices:

Chicago, Dubai, Frankfurt, Los Angeles,
Paris, San Francisco and Singapore



PEFC certified

This copy of *The Economist* is printed on paper sourced from sustainably managed forests certified by PEFC
www.pefc.org





On the cover
Jeremy Corbyn is leading Britain's left into a political timewarp. Some old ideological battles must be re-fought: leader, page 9. His triumph will be short-lived, page 29. And his foreign policy will bring trouble, page 30. Labour's revival may come from local government: Bagehot, page 32

The Economist online

Daily analysis and opinion to supplement the print edition, plus audio and video, and a daily chart Economist.com

E-mail: newsletters and mobile edition Economist.com/email

Print edition: available online by 7pm London time each Thursday Economist.com/print

Audio edition: available online to download each Friday Economist.com/audioedition



Volume 416 Number 8956

Published since September 1843 to take part in "a severe contest between intelligence, which presses forward, and an unworthy, timid ignorance obstructing our progress."

Editorial offices in London and also: Atlanta, Beijing, Berlin, Brussels, Cairo, Chicago, Lima, Mexico City, Moscow, Mumbai, Nairobi, New Delhi, New York, Paris, San Francisco, São Paulo, Seoul, Shanghai, Singapore, Tokyo, Washington DC

7 The world this week

Leaders

- 9 Britain's Labour Party**
Backwards, comrades!
- 10 Development**
The two Mexicos
- 11 Australia's prime minister**
Stabbed in the front
- 11 Europe's migrant crisis**
Shooting Schengen
- 14 Doctor-assisted dying**
One door closes, another opens

Letters

- 16 On Iran, South Africa, Belgium, remittances, Donald Trump**

Briefing

- 19 Development in Mexico**
Of cars and carts

Europe

- 23 Refugee crisis**
Europe puts up walls
- 24 Migrants and work**
More vacancies than visitors
- 25 Eastern European views**
Orban the archetype
- 25 French diplomacy**
No longer so male
- 26 A Tuscan tussle**
Mercury and Brunello
- 27 Charlemagne**
Tsipras still standing

Britain

- 29 The Labour Party**
A new, old politics
- 30 Labour's foreign policy**
The anti man
- 31 Northern Ireland's crisis**
Under the gun
- 32 Bagehot**
Jim McMahon, reluctant maquisard

Middle East and Africa

- 33 Agriculture in Africa**
Wake up and sell more coffee
- 34 Chad's ex-dictator on trial**
Justice at last
- 34 Libya's civil war**
Running out of time
- 35 Egypt**
Political desertification
- 36 Logistics of the hajj**
Prepping for the pilgrimage

United States

- 37 Catholic America**
Who owns the pope?
- 38 Junípero Serra**
Sinner and saint
- 39 Air-force bases**
Catch-2015
- 39 The TSA**
Locked out
- 40 Heroin in the Midwest**
A hydra-headed scourge
- 41 Bill de Blasio**
How's he doin'?
- 42 Lexington**
Regicidal Republicans

The Americas

- 43 Brazil's sagging economy**
Recession's sharp bite
- 44 A messy vote in Argentina**
Falsification fears
- 44 Chile's disaster**
A tsunami strikes
- 45 Indigenous Canadians**
On the electoral war-path



Mexico With its combination of modernity and backwardness, Mexico provides lessons for all emerging markets: leader, page 10. Its poorest regions show why modernisation is so hard, pages 19-22. Brazil's economic malaise, page 43. A slowdown in global trade growth is bad for emerging markets, page 62



Republican debate No single candidate shone in the second televised debate. But it is becoming clearer that primary voters are in a regicidal mood: Lexington, page 42



Migration Only an EU-wide agreement on asylum can save passport-free travel in Europe: leader, page 11. As Germany and other countries impose border controls, Europe's ability to cope with the refugee crisis is in doubt, page 23



NT. 16006120 - col. 500/107



Xi in America The Chinese president's state visit to Washington will not resolve growing tensions, page 51. And a papal visit will offer fresh opportunities for conservatives and liberals to scrap, page 37



Supplements Despite scandals and scepticism, America's supplement industry looks healthy, page 55. A startup wants to change the way people get their calories, page 56



Hard times The golden age of the Western corporation may be coming to an end: Schumpeter, page 61. Turning freelancers for firms like Uber into employees would not necessarily improve their lot: Free exchange, page 67

Asia

- 46 **Politics in Australia**
Yet another prime minister
- 47 **Commodities in Asia**
Nervousness of steel
- 47 **Protest in Japan**
To the barricades, politely
- 48 **War crimes in Sri Lanka**
The first casualty
- 49 **Education in South Korea**
Cramming for crammers
- 49 **Myanmar and China**
Illegal loggers linger
- 50 **Banyan**
China's regional sway

China

- 51 **America and China**
Xi heads to the White House
- 52 **Reforming the army**
Leaner and meaner

International

- 53 **The Sustainable Development Goals**
Beyond handouts
- 54 **Making aid work**
The best medicine

Business

- 55 **Supplements**
Miracle healers
- 56 **Food technology**
Liquid lunch
- 57 **A giant drinks merger**
Beer monster
- 58 **Corporate messaging**
The start of Symphony
- 58 **China's state firms**
A whimper, not a bang
- 59 **Oligarchs in Israel**
The Promised Land
- 60 **Data-centre software**
Progress without profits
- 61 **Schumpeter**
The decline of the Western corporation

Finance and economics

- 62 **World trade**
Becalmed
- 63 **Buttonwood**
Looking for the lifeboats
- 64 **Capital flight from China**
Flow dynamics
- 65 **Central-bank bosses**
The French connection
- 65 **Risk-weighted capital**
Whose risk is it anyway?
- 67 **Free exchange**
Employees v contractors

Science and technology

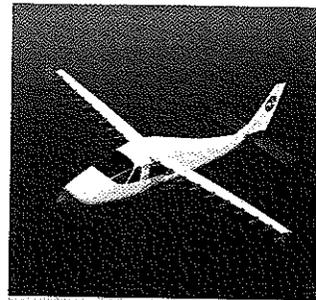
- 68 **Future aircraft**
Electrifying flight
- 69 **AI in medicine**
Now there's an app for that
- 70 **Diagnostics**
Sweating the big stuff
- 70 **Self-healing materials**
Space glue
- 71 **Sexual selection**
Speed-dating birds

Books and arts

- 72 **LA's art district**
Scrubbing up well
 - 73 **The Broad Museum**
Open doors
 - 74 **The Munich art hoard**
Hitler's wheeler-dealer
 - 74 **The Holocaust**
Roosevelt's failure
 - 75 **Economics of deception**
Phishing for phools
 - 75 **R.W. Johnson**
An Oxford contrarian
-
- 80 **Economic and financial indicators**
Statistics on 42 economies, plus a closer look at GDP and household income

Obituary

- 82 **Max Beauvoir**
Voodoo's priestly spirit



Electric aircraft With new forms of propulsion, very different-looking aircraft may soon start to take to the skies, page 68

Subscription service

For our full range of subscription offers, including digital only or print and digital combined, visit Economist.com/offers or call the telephone number provided below. Telephone: +44 (0) 845 120 0983 or +44 (0) 207 576 8448

Subscription for 1 year (51 issues)

Print only	
Euro-zone countries	€188
Denmark	DKK 1,399
Hungary	HUF 58,107
Norway	NOK 1,379
Poland	PLN 809
Sweden	SKR 1,636
Switzerland	SF 255
Other Europe (ex UK)	€188
Middle East - GCC	US\$347, £243
South Africa	Rand 1,700, US\$175, £120
Middle East and Africa	US\$280, £196

Principal commercial offices:

25 St James's Street, London SW1A 1HG
Tel: 020 7830 7000

Rue de l'Athénée 32
1206 Geneva, Switzerland
Tel: 41 22 566 2470

750 3rd Avenue, 5th Floor, New York, NY 10017
Tel: 1 212 541 0500

1301 Cityplaza Four,
12 Taikee Wan Road, Taikee Shing, Hong Kong
Tel: 852 2585 3888

Other commercial offices:

Chicago, Dubai, Frankfurt, Los Angeles, Paris, San Francisco and Singapore



PEFC certified

This copy of *The Economist* is printed on paper sourced from sustainably managed forests certified by PEFC www.pefc.org





On the cover

Volkswagen's falsification of pollution tests opens the door to a very different car industry: leader, page 11. Systematic fraud by the world's biggest carmaker threatens to engulf the entire industry, pages 19-22. A surprisingly dirty town tries to survive for 24 hours without its Peugeots, page 26. From iPhones to iCars, page 56

The Economist online

Daily analysis and opinion to supplement the print edition, plus audio and video, and a daily chart Economist.com

E-mail: newsletters and mobile edition Economist.com/email

Print edition: available online by 7pm London time each Thursday Economist.com/print

Audio edition: available online to download each Friday Economist.com/audioedition



Volume 416 Number 8957

Published since September 1843 to take part in "a severe contest between intelligence, which presses forward, and an unworthy, timid ignorance obstructing our progress."

Editorial offices in London and also: Atlanta, Beijing, Berlin, Brussels, Cairo, Chicago, Lima, Mexico City, Moscow, Mumbai, Nairobi, New Delhi, New York, Paris, San Francisco, São Paulo, Seoul, Shanghai, Singapore, Tokyo, Washington DC

7 The world this week

Leaders

- 11 **The motor industry**
Dirty secrets
- 12 **Progress in Ukraine**
Look west, Maidan
- 12 **Central banking**
After the hold, be bold
- 13 **The war in Syria**
The cost of inaction
- 14 **Pornography**
Generation XXX

Letters

- 16 **On migration, Jeremy Corbyn, Yemen, airlines**

Briefing

- 19 **The Volkswagen scandal**
A mucky business

Europe

- 23 **Rule of law in Ukraine**
Mr Saakashvili goes to Odessa
- 25 **Greece's elections**
Synchronised somersault
- 25 **Catalonia's secessionists**
Breaking up is hard to do
- 26 **Auto-free day**
The cars that ate Paris
- 27 **Charlemagne**
Point taken, Mr Orban

Britain

- 28 **The housing market**
Through the roof
- 29 **Tower Hamlets**
Build up
- 30 **Bagehot**
The Osborne Doctrine

Middle East and Africa

- 31 **Syria and Russia**
A game-changer in Latakia?
- 32 **Syrian refugees**
Time to go
- 34 **Somalia**
One man, no vote
- 34 **Race and rugby**
Green and blacks

United States

- 35 **Congress**
The madness resumes
- 36 **The cost of shutdown**
But I get up again
- 37 **The Republican primaries**
Rubios are red
- 37 **Catholic schools**
Praying for pupils
- 38 **Muslims in the South**
Some stand with Ahmed
- 40 **Lexington**
California's anti-vaxxers

The Americas

- 41 **The Latinobarómetro poll**
Down on democracy
- 42 **Bello**
Towards peace in Colombia

Asia

- 43 **Race in Malaysia**
Rising tensions
- 44 **Religion in Vietnam**
Stifling faith
- 45 **Pakistan's army**
The rise of a military star
- 45 **Nepal's constitution**
Violence erupts
- 46 **Japan's armed forces**
Help for allies
- 47 **Banyan**
The AIIB's limits

China

- 48 **Legal reform**
Too many judges
- 49 **Managing migration**
White-collar woes

International

- 50 **Pornography (1)**
A user's manual
- 53 **Pornography (2)**
Naked capitalism



Ukraine The revolution is being smothered by corruption and special interests: leader, page 12. A Georgian reformer tackles Ukraine's real public enemy number one: corruption, page 23



Shutdown A row over abortion is giving a group of Republican congressmen an excuse to sabotage the government, page 35. A shutdown would not much hurt the economy— at first, page 36



Syria America's repeated failure to intervene in the civil war means its options are now less palatable. But doing nothing is not the answer: leader, page 13. Russia's intervention on the side of Bashar al-Assad just might increase the chances of peace, page 31. Who is leaving for Europe and why, page 32. Europe's migration hardliners have some reasonable concerns: Charlemagne, page 27

REV. 150
60.50010A
NT. 16006120.



Porn Pornography is free and ever more plentiful online. The best response is not to try to block it, but to be more open about it: leader, page 14. What is online pornography doing to sexual tastes—and youngsters' minds? Page 50. The internet blew the porn industry's business model apart. The result holds lessons for other media firms, page 53



Chinese consumers

A consumption boom is not enough to succour the world economy, page 60. Some cities are lowering barriers to internal migration—for a privileged few, page 49



Drones Miniature, pilotless aircraft are becoming commonplace, page 69. The crew of the space station will soon be getting a new drone, page 70

Business

- 55 **Tech firms in China**
Cards on the table
- 56 **Apple**
From iPhones to iCars
- 56 **Drug pricing in America**
Painful pills
- 57 **Private equity**
All aboard the Africa train
- 58 **Eco-friendly detergents**
Green wash
- 59 **Schumpeter**
CEOs in politics

Finance and economics

- 60 **China's consumers**
Doughty but not superhuman
- 61 **Buttonwood**
Demography and markets
- 62 **Commodity trade finance**
Rubber barons
- 63 **Consumer lending**
All credit to them
- 63 **Monetary policy**
Repeat prescription
- 64 **Women and work**
The power of parity
- 65 **The Doing Business report**
Pulling rank
- 66 **Free exchange**
Aid v handouts for refugees

Science and technology

- 69 **Unmanned aerial vehicles**
Welcome to the Drone Age
- 70 **Drones in space**
Astrobusybee
- 71 **The stronger sexton**
Parenting beetles
- 71 **Oncology**
Treating glioma

Books and arts

- 72 **Superforecasting**
Predicting the future
- 73 **A history of porcelain**
Chasing perfection
- 74 **Germany's second world war**
Fate and furies
- 74 **Islamic State**
Inside account
- 75 **Picasso, the sculptor**
Master of surprises

80 Economic and financial indicators

Statistics on 42 economies, plus a closer look at unemployment rates by place of birth

Obituary

- 82 **Jackie Collins**
Hollywood undressed



Forecasts Predicting the future is a talent. Luckily it can be learned, page 72

Subscription service

For our full range of subscription offers, including digital only or print and digital combined, visit Economist.com/offers or call the telephone number provided below: **Telephone:** +44 (0) 845 120 0983 or +44 (0) 207 576 8448

Subscription for 1 year (51 issues)

Print only	
Euro-zone countries	€188
Denmark	Dkr 1,399
Hungary	Huf 58,107
Norway	Nkr 1,379
Poland	Pln 809
Sweden	Skp 1,636
Switzerland	Sfr 255
Other Europe (ex UK)	€188
Middle East – GCC	US\$347, £243
South Africa	Rand 1,700, US\$175, £120
Middle East and Africa	US\$280, £196

Principal commercial offices:

25 St James's Street, London SW1A 1HG
Tel: 020 7830 7000

Rue de l'Athénée 32
1206 Geneva, Switzerland
Tel: 41 22 566 2470

750 3rd Avenue, 5th Floor, New York, NY 10017
Tel: 1 212 541 0500

1301 Cityplaza Four,
12 Taikoo Wan Road, Taikoo Shing, Hong Kong
Tel: 852 2585 3888

Other commercial offices:

Chicago, Dubai, Frankfurt, Los Angeles,
Paris, San Francisco and Singapore



PEFC certified

This copy of *The Economist* is printed on paper sourced from sustainably managed forests certified by PEFC www.pefc.org





On the cover

America remains the world's economic hegemon even as its share of the global economy has fallen and its politics have turned inwards. That is an unstable combination: leader, page 13 and special report after page 44. What America can learn from sterling's decline as a reserve currency: Free exchange, page 72

The Economist online

Daily analysis and opinion to supplement the print edition, plus audio and video, and a daily chart Economist.com

E-mail: newsletters and mobile edition Economist.com/email

Print edition: available online by 7pm London time each Thursday Economist.com/print

Audio edition: available online to download each Friday Economist.com/audioedition

The Economist

Volume 417 Number 8958

Published since September 1843 to take part in "a severe contest between intelligence, which presses forward, and an unworthy, timid ignorance obstructing our progress."

Editorial offices in London and also: Atlanta, Beijing, Berlin, Brussels, Cairo, Chicago, Lima, Mexico City, Moscow, Mumbai, Nairobi, New Delhi, New York, Paris, San Francisco, São Paulo, Seoul, Shanghai, Singapore, Tokyo, Washington DC

10 The world this week

Leaders

- 13 **The dollar**
Dominant and dangerous
- 14 **Zimbabwe**
Act before the tyrant dies
- 14 **Property taxes**
Welcome to New London
- 15 **War in the Muslim world**
Putin dares, Obama dithers
- 18 **Remembering history**
Museum pieces

Letters

- 20 **On consciousness, migrants, Thailand, bureaucracy, accomplishments**

Briefing

- 23 **Asian-Americans**
The model minority is losing patience

Europe

- 27 **Russia in Syria**
A spectacle for the masses
- 28 **Germany united**
The trouble with Saxony
- 29 **Refugees in Turkey**
No good deed goes unclaimed
- 29 **Meltdown at FIFA**
The continuity candidate
- 30 **Italian gambling**
An offer they couldn't refuse
- 31 **Charlemagne**
Leaders in driverless cars

Britain

- 32 **The Labour Party**
End of the peer show
- 33 **Railways**
Gravy trains
- 34 **Bagehot**
Hi-de-Hi with Jeremy Corbyn

Middle East and Africa

- 35 **Zimbabwe**
Backs to the wall
- 36 **South Africa's opposition**
City stakes
- 37 **Nairobi's property boom**
Find the money

- 37 **Swaziland**
Elephantine delusions
- 38 **Saudi Arabia**
King Salman's year of trouble
- 38 **Israel and the Palestinians**
Abbas's damp squib

United States

- 39 **Lethal injection**
Cruel and increasingly unusual
- 40 **Hillary Clinton**
Not quite fireproof
- 41 **Meth v alcohol**
The heirs of Al Capone
- 41 **Congress**
Exit John Boehner
- 42 **Orchestras**
Dimension No. 3
- 42 **Explaining low inflation**
The lowdown
- 43 **The Supreme Court**
Gavels ready
- 44 **Lexington**
Ben Carson

The sticky superpower

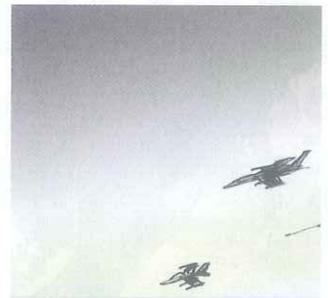
- The world economy**
After page 44

The Americas

- 45 **Venezuela's elections**
Muddled, yet united
- 46 **Term limits in Bolivia**
The man who would be king
- 46 **Justin Trudeau**
Canada's hair
- 47 **Bello**
Dilma in the vortex

Asia

- 48 **Afghanistan and a resurgent Taliban**
Unhappy anniversary
- 49 **Myanmar's election**
Divided we stand
- 49 **North Korea**
Blast from the past
- 50 **Japanese erotic art**
Pillow fight
- 51 **An Asian slowdown**
Running out of puff
- 52 **Banyan**
Xi and Modi: a Pooh and a bear-hugger



Putin dares, Obama dithers

Russia's dangerous intervention in Syria contrasts with America's timidity in Afghanistan: leader, page 15. Mr Putin embarks on a risky campaign, page 27. The attack on Kunduz is a blow to the government of Ashraf Ghani, page 48



Asian-Americans

They are the United States' most successful minority, but Asian-Americans are complaining ever more vigorously about discrimination, especially in academia, pages 23-26. America's curiously successful minority has also been a despised one, page 79



After Mugabe

The world needs to prepare for a Zimbabwe without Robert Mugabe: leader, page 14. Drought and a weak rand may do more to spur change than a decade of sanctions did, page 35





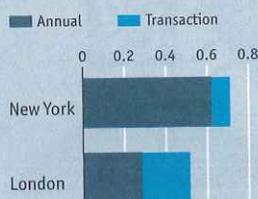
Climate change At climate talks in Paris later this year, negotiators should ponder the damage already done, page 55. Cutting emissions of methane and soot could bring swift benefits, page 56. If China's government is to be believed, an emissions-trading scheme will be the first of many green markets, page 54



Future of the car industry Volkswagen's emissions scandal strengthens the arguments for motor-industry consolidation. But deals will be hard to achieve, page 57

Property taxes

As % of total market value, 2014



Mayfair v Manhattan What two of the world's great cities can teach each other about how to tax homes: leader, page 14. Housing is taxed much more heavily in New York than in London—unless you're rich, page 69. Our latest house-price index, page 70

China

- 53 **Xi and the UN**
The blue helmets
- 54 **Green markets**
Domesday scenario
- 54 **Urban design**
Darkness under the light

International

- 55 **Climate change**
It's getting hotter
- 56 **Short-lived pollutants**
Low-hanging dirt

Business

- 57 **Carmakers after the VW scandal**
Good in parts
- 58 **Car loans**
Warning light
- 60 **Oil firms in the Arctic**
A rig too far
- 60 **Mexico's oilfield auction**
Lessons learned
- 61 **Foreign takeovers in Australia**
Selling the farm
- 62 **E-commerce in India**
Snap, flip and crackle
- 62 **Board games**
Not twilight, but sunrise
- 63 **Schumpeter**
Capitalism and its discontents

Finance and economics

- 65 **The copper market**
Red scare
- 66 **Buttonwood**
Corporate-bond yields
- 67 **Abenomics**
Less of the same
- 68 **Emerging markets**
Under the cosh
- 68 **Resilient notes and coins**
Money for everything
- 69 **Property taxes**
London and New York
- 70 **Global housing markets**
Upwardly mobile
- 72 **Free exchange**
Will the yuan supplant the dollar?

Science and technology

- 73 **Artificial intelligence**
Elementary
- 74 **The human microbiome**
Bacterial clouds
- 74 **Palaeontology**
Layers of meaning
- 75 **Gene editing**
Even CRISPR
- 76 **Extraterrestrial dowsing**
Water on Mars

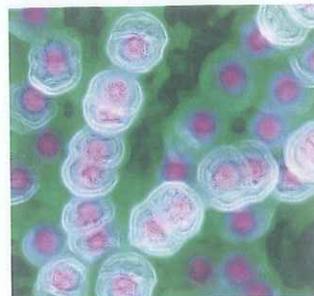
Books and arts

- 77 **Henry Kissinger**
Ideas man
- 78 **Artificial intelligence**
Machines for thinking
- 79 **Asian-American history**
Tiger ancestors
- 79 **German football**
The making of a Fussballwunder
- 80 **The Wadsworth Atheneum**
Temple of delight

- 84 **Economic and financial indicators**
Statistics on 42 economies, plus a closer look at commodity prices

Obituary

- 86 **Yogi Berra**
It ain't over til it's over



Personal bacterial clouds As people pass through life they leave a trail of bacteria in their wake, page 74

Subscription service

For our full range of subscription offers, including digital only or print and digital combined, visit Economist.com/offers or call the telephone number provided below: **Telephone:** +44 (0) 845 120 0983 or +44 (0) 207 576 8448

Subscription for 1 year (51 issues)

Print only	
Euro-zone countries	€188
Denmark	DKr 1,399
Hungary	HUF 58,107
Norway	NKr 1,379
Poland	PLN 809
Sweden	SKr 1,636
Switzerland	SFr 255
Other Europe (ex UK)	€188
Middle East – GCC	US\$347, £243
South Africa	Rand 1,700, US\$175, £120
Middle East and Africa	US\$280, £196

Principal commercial offices:

25 St James's Street, London SW1A 1HG
Tel: 020 7830 7000

Rue de l'Athénée 32
1206 Geneva, Switzerland
Tel: 41 22 566 2470

750 3rd Avenue, 5th Floor, New York, NY 10017
Tel: 1 212 541 0500

1301 Cityplaza Four,
12 Taikoo Wan Road, Taikoo Shing, Hong Kong
Tel: 852 2585 3888

Other commercial offices:

Chicago, Dubai, Frankfurt, Los Angeles, Paris, San Francisco and Singapore



PEFC certified

This copy of *The Economist* is printed on paper sourced from sustainably managed forests certified by PEFC www.pefc.org





On the cover
Killing off viral and parasitic diseases is not only worth doing, it is also increasingly feasible: leader, page 13. The end is in sight for malaria, one of humanity's deadliest plagues, pages 25-28. This year's Nobel prize for medicine goes to the inventors of two anti-parasitic drugs, page 76

The Economist online

Daily analysis and opinion to supplement the print edition, plus audio and video, and a daily chart Economist.com

E-mail: newsletters and mobile edition Economist.com/email

Print edition: available online by 7pm London time each Thursday Economist.com/print

Audio edition: available online to download each Friday Economist.com/audioedition

The Economist

Volume 417 Number 8959

Published since September 1843 to take part in "a severe contest between intelligence, which presses forward, and an unworthy, timid ignorance obstructing our progress."

Editorial offices in London and also: Atlanta, Beijing, Berlin, Brussels, Cairo, Chicago, Lima, Mexico City, Moscow, Mumbai, Nairobi, New Delhi, New York, Paris, San Francisco, São Paulo, Seoul, Shanghai, Singapore, Tokyo, Washington DC

9 The world this week

Leaders

- 13 **Viruses and parasites**
Eradicating disease
- 14 **The TPP deal**
Every silver lining has a cloud
- 14 **Egypt under Sisi**
No return to democracy
- 15 **Europe's migrant crisis**
Angela the beleaguered
- 18 **India's emissions**
Greenery by stealth

Letters

- 20 **On Volkswagen, Muslims, South Africa, the World Bank, vaccinations**

Briefing

- 25 **Malaria eradication**
Breaking the fever

Europe

- 29 **German refugee crisis**
Merkel at her limit
- 30 **Russia's Syrian war**
An odd way to make friends
- 31 **Belarus's despot**
Strong man and Mini-Me
- 31 **French unions**
Shirty
- 32 **Spanish identity politics**
The mosque in the cathedral
- 33 **Charlemagne**
Europe needs Erdogan

Britain

- 35 **The Conservative Party**
Unchallenged yet unstable
- 36 **English cities**
All politics is local
- 36 **Immigration**
The snarling dud of May
- 38 **Bagehot**
Keep calm and vote Dave

Middle East and Africa

- 39 **Egyptian politics**
The liberals' sad state
- 40 **Syria's opposition**
Down but not yet out
- 41 **Aid in the Middle East**
The quality of mercy
- 42 **South Sudan**
That elusive peace
- 42 **Nigeria's government**
Baba go slow

United States

- 43 **The Democratic primary**
Berning up
- 44 **Afghanistan**
The unending war
- 45 **Assisted dying**
Brownlighted
- 45 **Tort law**
Ralph's house
- 46 **Ending mass incarceration**
Two cheers
- 46 **Slaughterhouses**
A jungle no more
- 48 **Lexington**
Ashton Carter

The Americas

- 49 **Violence in El Salvador**
Rivers of blood
- 50 **Bello**
Gay rights
- 51 **Canada's election**
Politics of the niqab
- 51 **Syrians in Brazil**
Welcome, but not working



Sisi Egypt's president is taking his country down a dead end: leader, page 14. The sad state of Egypt's liberals, page 39



Migrants Angela Merkel faces a backlash over asylum-seekers. She should hold firm: leader, page 15. After a historic embrace of refugees, German opinion is turning, page 29. Britain's home secretary lashes out, page 36. Turkey's president once visited Brussels begging for favours. The tables have turned: Charlemagne, page 33

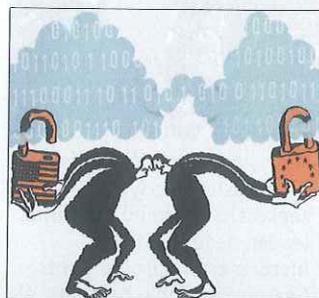


Slaughterhouses How Temple Grandin's designs have reformed America's meat industry, page 46





India's environment There are more ways of cutting carbon-dioxide emissions than setting grand environmental targets: leader, page 18. India's prime minister wants his economy to grow as fast as China's has. Will that cause Chinese levels of pollution? Page 53



Safe harbour A European court sets up a transatlantic battle over data protection and privacy, page 59. Governments grapple with law enforcement in the virtual world, page 60



Tax A plan to curb multi-nationals' tax avoidance is an opportunity missed, page 61. Europe's corporate-tax havens say they are reforming. Up to a point, page 63

Asia

- 53 **India's environment**
Catching China
- 54 **The Hangul alphabet**
Superscript
- 56 **Banyan**
China: big motherland

China

- 57 **Resettling refugees**
A rare success
- 58 **Politics in Hong Kong**
A former leader arrested

International

- 59 **Data and privacy (1)**
Get off of my cloud
- 60 **Data and privacy (2)**
Under my thumb

Business

- 61 **Corporate taxation**
New rules, old paradigm
- 63 **Tax havens**
Still slipping the net
- 64 **Oil companies in America**
Debt and alive
- 64 **Chinese internet firms**
Clubbing together
- 65 **Indian private universities**
Go forth and multiply
- 66 **Auction houses**
Blue period
- 68 **Schumpeter**
Why Norway must rediscover its Viking spirit

Finance and economics

- 69 **The Trans-Pacific Partnership**
Weighing anchor
- 70 **Buttonwood**
Taxing pensions
- 71 **Latin America's economies**
Grey days
- 71 **Insider trading**
Friends without benefits

- 72 **Agricultural markets**
Oily food
- 73 **Health spending**
The pause before fast-forward
- 73 **Fund management**
Two's a crowd
- 74 **Free exchange**
Quantitative tightening

Science and technology

- 76 **The 2015 Nobel prizes**
Wisdom, ancient and modern
- 77 **Food safety**
Particle biology
- 78 **Dysmorphology**
Looking for answers
- 78 **Data analysis**
On the other hands

Books and arts

- 79 **Carers and careers**
Unfinished business
- 80 **Detroit story**
Once in a great city
- 81 **Almeida Theatre**
It's all Greek

Business books quarterly

- 82 **Leadership**
True north
- 83 **The circular economy**
Green and more green
- 84 **Behavioural economics**
Lessons of failure
- 84 **Entrepreneurs in emerging nations**
From the other side
- 88 **Economic and financial indicators**
Statistics on 42 economies, plus our monthly poll of forecasters

Obituary

- 90 **Denis Healey**
A fighting life



Women, men, work and family A new book by Anne-Marie Slaughter looks at how organisations must change to put work and life in balance, page 79

Subscription service

For our full range of subscription offers, including digital only or print and digital combined, visit Economist.com/offers or call the telephone number provided below: **Telephone:** +44 (0) 845 120 0983 or +44 (0) 207 576 8448

Subscription for 1 year (51 issues)

Print only	
Euro-zone countries €188	
Denmark	DKr 1,399
Hungary	HUF 58,107
Norway	NKr 1,379
Poland	PLN 809
Sweden	SKr 1,636
Switzerland	SFr 255
Other Europe (ex UK)	€188
Middle East – GCC	US\$347, £243
South Africa	Rand 1,700, US\$175, £120
Middle East and Africa	US\$280, £196

Principal commercial offices:

25 St James's Street, London SW1A 1HG
Tel: 020 7830 7000

Rue de l'Athénée 32
1206 Geneva, Switzerland
Tel: 41 22 566 2470

750 3rd Avenue, 5th Floor, New York, NY 10017
Tel: 1 212 541 0500

1301 Cityplaza Four,
12 Taikoo Wan Road, Taikoo Shing, Hong Kong
Tel: 852 2585 3888

Other commercial offices:

Chicago, Dubai, Frankfurt, Los Angeles,
Paris, San Francisco and Singapore



PEFC certified

This copy of *The Economist* is printed on paper sourced from sustainably managed forests certified by PEFC www.pefc.org





On the cover
The risk of Britain leaving the European Union is growing. It needs to be countered: leader, page 15. Though Britain has always been rather half-hearted about the EU, its membership has been beneficial for all concerned, argues John Peet. See our special report after page 48. British attitudes to Brexit, page 39

The Economist online

Daily analysis and opinion to supplement the print edition, plus audio and video, and a daily chart Economist.com

E-mail: newsletters and mobile edition Economist.com/email

Print edition: available online by 7pm London time each Thursday Economist.com/print

Audio edition: available online to download each Friday Economist.com/audioedition

The Economist

Volume 417 Number 8960

Published since September 1843 to take part in "a severe contest between intelligence, which presses forward, and an unworthy, timid ignorance obstructing our progress."

Editorial offices in London and also: Atlanta, Beijing, Berlin, Brussels, Cairo, Chicago, Lima, Mexico City, Moscow, Mumbai, Nairobi, New Delhi, New York, Paris, San Francisco, São Paulo, Seoul, Shanghai, Singapore, Tokyo, Washington DC

11 The world this week

Leaders

- 15 **Britain and Europe**
The reluctant European
- 16 **Great-power politics**
The new game
- 18 **Cloud computing**
The sky's limit
- 18 **Canada's election**
Living dangerously
- 20 **China's left-behind generation**
Pity the children

Letters

- 22 **On climate change, the dollar, housing, Russia, statues, martial arts**

Briefing

- 29 **China's left-behind**
Little match children

Europe

- 33 **Terrorism in Turkey**
Heightening the contradictions
- 34 **Migration into Europe**
Spain's forward defence
- 35 **The MH17 report**
Europe's wake-up call
- 35 **Italy's constitution**
Not just hand-waving
- 36 **Crimea's empty spas**
Muddling through
- 37 **Charlemagne**
The TTIP of the spear

Britain

- 38 **The economy**
The other deficit
- 39 **Views on Europe**
Not team players
- 40 **Bagehot**
In Cawdor's shadow

Middle East and Africa

- 41 **Russia and Iraq**
Putin, champion of the Shias
- 42 **Austerity in Saudi Arabia**
The cost of cheap oil
- 42 **Israel-Palestinian violence**
On the edge
- 43 **Iraq's Christians**
Nour's list
- 44 **Private security in Nigeria**
Rent-a-cop
- 44 **Democracy in West Africa**
Fingers crossed in Guinea
- 45 **Somaliland**
Going it alone

The Americas

- 46 **Canada's election**
The end of Stephen Harper?
- 47 **Bello**
The persistence of Peronism
- 48 **Canada's economy**
The dangers of debt

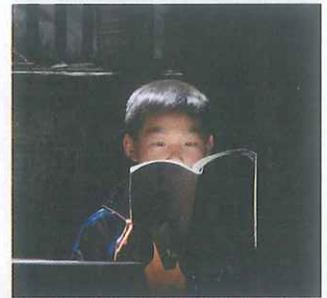
Special report: Britain and the European Union
The reluctant European
After page 48

United States

- 49 **Refugees in America**
Yearning to breathe free
- 50 **Feuding Republicans**
The new McCarthyites
- 51 **Gang shootings**
Sagas by the Strip
- 51 **Juveniles in prison**
Parsing sentence
- 52 **Selling cannabis**
Mother of all highs
- 53 **Films in the South**
That old zombie charm
- 54 **Lexington**
One-horse race



The new game The power of the United States is being challenged: leader, page 16. China no longer accepts that America should be Asia-Pacific's dominant naval power, page 61. Russia sticks a first toe into Iraq, page 41. An airliner shot down by a missile was a wake-up call for Europeans unprepared for war, page 35



China's left-behind children There are 70m reasons to ease China's curbs on internal migration: leader, page 20. Children bear a disproportionate share of the hidden cost of China's growth, pages 29-32



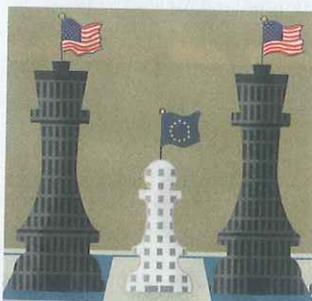
Hillary wins big On the evidence of the first debate, the Democratic primaries will not be much of a contest: Lexington, page 54



NT. 16008120 - col. 500107



Cloud computing The computer industry's shift to the cloud brings many benefits—but don't ignore the risks: leader, page 18. The merger of Dell and EMC is further proof that the IT industry is remaking itself, page 65



European banks Europe's dithering banks are losing ground to their decisive American rivals, page 75



Angus Deaton The winner of the Nobel prize has brought economics back to the real world: Free exchange, page 80

Asia

- 55 **Indian elections**
Fighting for Bihar
- 56 **Okinawa**
Base battles
- 56 **Insurgency in the Philippines**
Elusive peace
- 57 **Disabled sports in Japan**
Fighting prejudice
- 58 **Soothsaying in Sri Lanka**
The price of names
- 58 **Punishment in Thailand**
Novel techniques

China

- 59 **Li Keqiang**
Powers behind the economy
- 60 **Ideology**
The revival of Marx

International

- 61 **Sea power**
Who rules the waves?

Business

- 65 **Merger under a cloud**
Dell and EMC
- 66 **AB InBev and SABMiller**
The beerhemoth
- 67 **Ferrari's flotation**
Wheel spin-off
- 67 **Poste Italiane's IPO**
Post apocalypse
- 68 **China's film industry**
Lost in Shangywood
- 70 **Business schools**
Still a must-have
- 71 **The world's best business degrees**
Which MBA? 2015
- 72 **Schumpeter**
Technology and professions

Finance and economics

- 75 **European banks**
The agony continues
- 76 **Buttonwood**
Collateral damage
- 77 **Exchange rates**
Pegs under pressure
- 78 **Banking in Africa**
Somali star
- 79 **Indonesia's economy**
The unstimulating stimulus
- 80 **Free exchange**
This year's Nobel

Science and technology

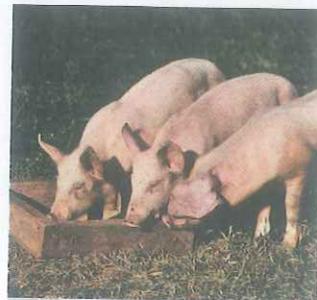
- 81 **CRISPR/Cas9 gene editing**
No pig in a poke
- 82 **RNA drugs**
The slopes of enlightenment
- 82 **Anthropology**
Now I lay me down to sleep
- 83 **Flying boats**
Enter, the dragon

Books and arts

- 84 **The Romans**
What a strange lot
- 85 **Margaret Thatcher**
High in iron
- 85 **The Horn of Africa**
Money, war and power
- 86 **Ben Bernanke at the Fed**
Talk talk
- 87 **Andrea del Sarto at the Frick**
Free hand
- 87 **China and censorship**
Chop chop
- 92 **Economic and financial indicators**
Statistics on 42 economies, plus a closer look at merchant fleets

Obituary

- 94 **Brian Friel**
A quiet bell ringing



Animal-organ transplants
Genome engineering may help make pig organs suitable for putting into people, page 81

Subscription service

For our full range of subscription offers, including digital only or print and digital combined, visit Economist.com/offers or call the telephone number provided below:
Telephone: +44 (0) 845 120 0983 or +44 (0) 207 576 8448

Subscription for 1 year (51 issues)

Print only	
Euro-zone countries	€188
Denmark	DKr 1,399
Hungary	HUF 58,107
Norway	Nkr 1,379
Poland	PLN 809
Sweden	SKr 1,636
Switzerland	SFr 255
Other Europe (ex UK)	€188
Middle East – GCC	US\$347, £243
South Africa	Rand 1,700, US\$175, £120
Middle East and Africa	US\$280, £196

Principal commercial offices:

25 St James's Street, London SW1A 1HG
Tel: 020 7830 7000
Rue de l'Athénée 32
1206 Geneva, Switzerland
Tel: 41 22 566 2470
750 3rd Avenue, 5th Floor, New York, NY 10017
Tel: 1 212 541 0500
1301 Cityplaza Four,
12 Taikoo Wan Road, Taikoo Shing, Hong Kong
Tel: 852 2585 3888

Other commercial offices:

Chicago, Dubai, Frankfurt, Los Angeles, Paris, San Francisco and Singapore



PEFC certified

This copy of *The Economist* is printed on paper sourced from sustainably managed forests certified by PEFC www.pefc.org



ESPAÑA. CONSEJO GENERAL DEL PODER JUDICIAL

Memoria : Estadísticas judiciales [CD-Rom]

Memoria 2015: "Estadísticas judiciales 1995-2014"



**CONSEJO GENERAL DEL PODER JUDICIAL
SECCIÓN DE ESTADÍSTICA JUDICIAL**



INDICADORES CLAVE

A nivel Nacional

Por Tribunal Superior de Justicia

ACTIVIDAD JUDICIAL POR TERRITORIOS

Estadísticas por Comunidades Autónomas

Estadísticas por Provincias

Estadísticas por Partidos Judiciales

Resumen Anual por Partidos Judiciales

DATOS DE JUSTICIA

Boletín nº 37 - El número de jueces en los países de la Unión Europea - CEPEJ 2012

Boletín nº 38 - La percepción de los ciudadanos sobre la Administración de Justicia

Boletín nº 39 - Calidad de las sentencias 2014

ESTADÍSTICAS JUDICIALES 1995-2014

JUSTICIA DATO A DATO AÑO 2014

SISTEMA DE INFORMACION SOCIECONOMICA

INFORME SOBRE LA MOVILIDAD DE LA PLANTILLA JUDICIAL AÑO 2014

ESTRUCTURA DEMOGRAFICA DE LA CARRERA JUDICIAL A 1 DE ENERO DE 2015



España en cifras 2015



Catálogo de publicaciones oficiales de la Administración
General del Estado:
<http://publicacionesoficiales.boe.es>

Acceso a la edición electrónica:
http://www.ine.es/prodyser/espa_cifras (ISSN 2255-0410)

Ficha editorial

Título: España en cifras 2015

Nº INE: 121

NIPO: 729-15-011-4

Depósito Legal: M-50432-2002

ISBN: 978-84-260-3768-8

ISSN: 1136-1611

Tarifa: 0

Territorio y medio ambiente	2
Población	8
Educación y cultura	13
Salud	17
Condiciones de vida	20
Mercado laboral	25
Cuentas nacionales	28
Sector exterior	31
Finanzas	32
Empresas	33
Tecnología	34
Agricultura, ganadería y pesca	36
Energía	37
Industria	39
Construcción y vivienda	42
Comercio	44
Servicios	45
Turismo	47
Transporte	50
Seguridad y justicia	51

Edita INE
Paseo de la Castellana, 183 - 28046 Madrid

Impreso en España
Oficialía Mayor del Ministerio de Hacienda y Administraciones Públicas
Sección de Reprografía y Distribución

16005636

500536



Journal of
Agricultural,
Biological, and
Environmental
Statistics

Volume 20, Number 3
September 2015



-
-
- 305 Modelling Killer Whale Feeding Behaviour Using a Spatially Adaptive Complex Region Spatial Smoother (CReSS) and Generalised Estimating Equations (GEEs) *LINDESAY A.S. SCOTT-HAYWARD, MONIQUE L. MACKENZIE, ERIN ASHE, AND ROB WILLIAMS*
- 323 Stochastic Modeling for Velocity of Climate Change *ERIN M. SCHLIER, ALAN E. GELFAND, AND JAMES S. CLARK*
- 343 Individual Heterogeneity in Growth and Age at Sexual Maturity: A Gamma Process Analysis of Capture–Mark–Recapture Data *WILLIAM A. LINK AND KYLE MILLER HESED*
- 353 Marginal Functional Regression Models for Analyzing the Feeding Behavior of Pigs *JAN GERTHEISS, VERENA MAIER, ENGEL F. HESSEL, AND ANA-MARIA STAIUCU*
- 371 Efficient Estimation of Elliptical Hysteresis with Application to the Characterization of Heat Stress *F. YANG AND A.M. PARKHURST*
- 389 Bayesian Estimation for Diagnostic Testing of Biosecurity Risk Material in the Absence of a Gold Standard when Test Data are Incomplete *SANDRA JANE CLARKE AND STUART ANDREW JONES*
- 409 Causal Measures of the Treatment Effect Captured by Candidate Surrogate Endpoints *FUMIAKI KOBAYASHI AND MANABU KUROKI*
- BOOK REVIEWS
- 431 Rachel S. McCrea and Byron J. T. Morgan, Analysis of Capture–Recapture Data *J. ANDREW ROYLE*
- 433 Review of the Book *Statistical Methods for Dynamic Treatment Regimes: Reinforcement Learning, Causal Inference, and Personalized Medicine* by Bibhas Charkaborty and Erica E. M. Moodie *HYONGGIN AN*
- 435 Statistical Inference on Residual Life by Jong-Hyeon Jeong *SANGWOOK KANG*
-
-

NT 16006004
col. 500459

MAPPING

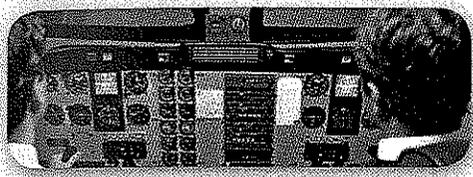
VOL.24 Nº171 MAYO-JUNIO 2015 ISSN 1131-9100

Sumario



Pág. 05

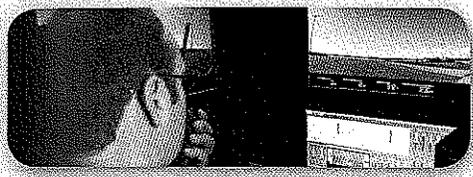
Editorial



Pág. 6

Sección Normativa. Regulation section.

- AESA. Agencia Estatal de Seguridad Aérea; Normativa. AESA: Regulation
- APROCTA. RPAS y la Navegación Aérea. RPAS and Air Navigation
- COIAE. Análisis de la normativa de drones. Drones regulation analysis



Pág. 26

Sección pilotaje. Pilotage section.

- COPAC. La seguridad operacional de los RPAS. The safety of the RPAS
- DEURPAS. Sobre el pilotaje y las aplicaciones de los drones. On drone piloting and applications



Pág. 34

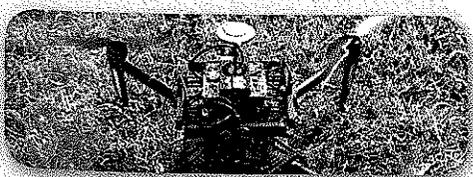
Sección aplicaciones. Applications section.

- COIGT. Usos y aplicaciones de los drones. Uses and applications of drones
- GALILEO GEOSYSTEM. Teledetección aerotransportada: caso de estudio de la agricultura de precisión. Airborne remote sensing: precision agriculture case of study
- TRIMBLE. Trimble UX5 Aerial Imaging Solution. Trimble UX5 Aerial Imaging Solution.
- LEICA. Hexacopter Aibotix X6 V2 para inspecciones de infraestructuras. Hexacopter Aibotix X6 V2 for infrastructure inspections
- TOPCON. Fotogrametría con drones (aviones) sin puntos de apoyo. Photogrammetry with RPA (aircrafts) without ground control points



Pág. 60

Mundo Blog



Pág. 64

Mundo Tecnológico



Pág. 66

Noticias

Pág. 69

Agenda



NT 160 164 69 1501763

Sumario



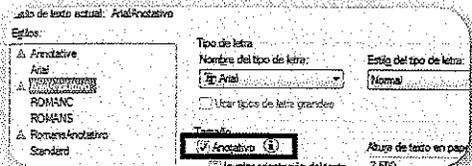
Pág. 04

Tecnología VANT de bajo coste para reproducción 3D y preservación del registro arqueológico del proyecto de Geoparque las Loras (Palencia-Burgos). *Low-cost UAV technology for 3D-imaging and preservation of geoarcheological record in the las Loras Geopark project (Palencia-Burgos).* Javier Fernández Lozano, Gabriel Gutiérrez Alonso, Karmah Salman Monte, José Ángel Sánchez Fabian, Fernando G. García



Pág. 14

Análisis de las diferentes técnicas y procedimientos para el prototipado de modelos 3D del terreno. *Analysis of different techniques and procedures for prototyping 3D terrain models.* J. Espinosa Payer, L. Romero y M. Domínguez



Pág. 26

Uso de los elementos anotativos de AutoCAD en proyectos de ingeniería civil. *Using AutoCAD annotative elements in civil engineering projects.* Gaspar Mora-Navarro y Carmen Femenia-Ribera



Pág. 34

Desarrollo de un algoritmo para la obtención de un eje medio a partir de conjuntos multitrizas GNSS 3D. *Development of an algorithm for obtaining a mean axis from GNSS 3D multitracks.* Paula Gil de la Vega, Francisco Javier Ariza-López, Antonio T. Mozas-Calvache



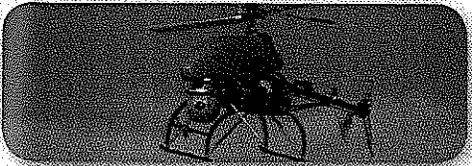
Pág. 42

Uso legal de drones. RPAS legal use. Efrén Díaz Díaz



Pág. 56

Mundo Blog



Pág. 60

Mundo Tecnológico



Pág. 64

Noticias

Pág. 68

Agenda



REV 1A8



POPULATION Research and Policy Review

Volume 34 · Number 5 · October 2015

Foiled Aspirations: The Influence of Unauthorized Status on the Educational Expectations of Latino Immigrant Youth

K.M. Perreira · L. Spees 641

Female Migration, Cultural Context, and Son Preference in Rural China

Y. Lu · R. Tao 665

Loans and Leaving: Migration and the Expansion of Microcredit in Cambodia

M. Bylander · E.R. Hamilton 687

Relationship Involvement Among Young Adults: Are Asian American Men an Exceptional Case?

K.S. Balistreri · K. Joyner · G. Kao 709

Family Resources in Two Generations and School Readiness Among Children of Teen Parents

P. Fomby · L. James-Hawkins · S. Mollborn 733

Repartnering and Childbearing After Divorce: Differences According to Parental Status and Custodial Arrangements

S. Vanassche · M. Corijn · K. Matthijs · G. Swicegood 761

Further articles can be found at link.springer.com

Indexed/abstracted in *Social Science Citation Index, Journal Citation Reports/Social Sciences Edition, Social SciSearch, SCOPUS, EconLit, Google Scholar, EBSCO, CSA, ProQuest, CAB International, Academic OneFile, AGRICOLA, Bibliography of Asian Studies, CAB Abstracts, Current Abstracts, Current Contents/Social & Behavioral Sciences, Educational Research Abstracts Online (ERA), Educational Technology Abstracts, Gale, Geobase, Global Health, International Bibliography of the Social Sciences (IBSS), International Political Science Abstracts, JSTOR, OCLC, Research Papers in Economics (RePEc), Review of Population Reviews, SCImago, Studies on Women & Gender Abstracts, Summon by Serial Solutions, Vocational Education and Training Abstracts*

Instructions for Authors for *Popul Res Policy Rev* are available at <http://www.springer.com/11113>

NT 16006142

col. 501197

REVISTA DE FOMENTO SOCIAL
Volumen 70, número 277 (2015)

ÍNDICE

NOTA INTRODUCTORIA

70º aniversario de *Revista de Fomento Social* pág. 5

EDITORIAL

Consejo de Redacción: La democracia al servicio de todos, integrante del bien común pág. 7

ESTUDIOS

Ignacio Sepúlveda del Río. La crisis de la libertad: reaprender a ser libres pág. 29

Domingo Carbonero Muñoz. El cambio en los patrones de cohesión en España en el período 2007-2009 y su repercusión entre los usuarios de servicios sociales pág. 49

José Manuel Serrano Cañas. Las empresas familiares: una caracterización y tipología societaria de capital más adecuada pág. 75

BIBLIOGRAFÍA. Coordinación de Adolfo Rodero Franganillo

Reseñas

Domingo Moratalla, A. (2014). *Democracia y Caridad. Horizontes éticos para la donación y la responsabilidad* [Ignacio Sepúlveda del Río] pág. 111

Varoufakis, Y (2012). *Del Minotauro global. Estados Unidos, Europa y el futuro de la economía mundial* [José Juan Romero Rodríguez] pág. 115

Garagalza, L (2014). *El sentido de la Hermenéutica. La articulación simbólica del mundo* [Andrés Ortiz-Osés] Pág. 118

Reseñas pág. 122

Noticias pág. 137

ÍNDICE GENERAL

INTRODUCCIÓN	7
1 ASPECTOS BÁSICOS DEL SECTOR PÚBLICO EMPRESARIAL DE LA COMUNIDAD AUTÓNOMA DE ANDALUCÍA	11
Clasificación Jurídica	13
Adscripción Orgánica	15
Estructura Patrimonial	16
Adscripción a la Clasificación Nacional de Actividades Económicas (CNAE)	18
Control ejercido por la Intervención General	20
Personal al servicio del Sector Público Empresarial de la Comunidad Autónoma de Andalucía	22
2 INFORMACIÓN SINGULARIZADA DEL SECTOR PÚBLICO EMPRESARIAL DE LA COMUNIDAD AUTÓNOMA DE ANDALUCÍA	41
A GRUPO EMPRESA PÚBLICA DE SUELO DE ANDALUCÍA	43
Agencia de Vivienda y Rehabilitación de Andalucía	45
Cartuja 93, S. A.	53
Empresa Pública de Gestión de Activos, S. A.	61
Sociedad de Gestión, Financiación e Inversión Patrimonial, S. A.	67
B GRUPO AGENCIA DE INNOVACIÓN Y DESARROLLO DE ANDALUCÍA	75
Agencia de Innovación y Desarrollo de Andalucía	77
Agencia Andaluza de Cooperación Internacional para el Desarrollo	89
Apartahotel Trevenque, S. A.	99
Cetursa Sierra Nevada, S. A.	105
Parque de Innovación Empresarial Sanlúcar la Mayor, S. A.	113
Parque Tecnológico de Andalucía, S. A.	119
Parque Tecnológico y Aeronáutico de Andalucía, S. L.	133
Promonevada, S. A.	139
Sierra Nevada Club Agencia de Viajes, S. A.	145
Sociedad para el Desarrollo Energético de Andalucía, S. A.	151
Sociedad para la Promoción y Reconversión Económica de Andalucía, S. A.	155
Verificaciones Industriales de Andalucía, S. A.	163
Inversión y Gestión de Capital de Riesgo de Andalucía, S. A.	171
Inversión, Gestión y Desarrollo de Capital de Riesgo de Andalucía, Sociedad Gestora de Entidades de Capital Riesgo, S. A. U.	177
01INNOVA24H, S. L. U.	183
Parque Tecnológico TecnoBahía, S. L.	189
C GRUPO EMPRESA PÚBLICA DE LA RADIO Y TELEVISIÓN DE ANDALUCÍA	195
Agencia Pública Empresarial de la Radio y Televisión de Andalucía	197
Canal Sur Radio, S. A.	207
Canal Sur Televisión, S. A.	213
Sociedad Andaluza para el Desarrollo de las Telecomunicaciones, S. A.	221

D	GRUPO EMPRESA PÚBLICA DE GESTIÓN DE PROGRAMAS CULTURALES	227
	Instituto Andaluz del Patrimonio Histórico	229
	Agencia Andaluza de Instituciones Culturales	241
	Agencia Andaluza del Conocimiento	251
E	GRUPO EMPRESA PÚBLICA DE PUERTOS DE ANDALUCÍA	263
	Agencia Pública de Puertos de Andalucía	265
	Red Logística de Andalucía, S. A.	279
F	GRUPO EMPRESA PÚBLICA DE SALUD	287
	Empresa Pública Sanitaria Bajo Guadalquivir	289
	Empresa Pública de Emergencias Sanitarias	301
	Empresa Pública Hospital Alto Guadalquivir	309
	Agencia Pública Empresarial Sanitaria Costa del Sol	323
	Empresa Pública Empresarial Sanitaria Hospital de Poniente de Almería	335
G	GRUPO EMPRESAS TURISMO ANDALUZ	343
	Empresa Pública para la Gestión del Turismo y del Deporte de Andalucía, S. A.	345
	Infraestructuras Turísticas de Andalucía, S. A.	357
H	GRUPO PATRIMONIO (JUNTA DE ANDALUCÍA Y ORGANISMOS AUTÓNOMOS)	363
	EXTENDA - Agencia Andaluza de Promoción Exterior, S. A.	365
	Empresa Andaluza de Gestión de Instalaciones y Turismo Juvenil, S. A.	385
	Agencia de Medio Ambiente y Agua	393
	Escuela Andaluza de Salud Pública, S. A.	409
I	GRUPO AGENCIA DE OBRA PÚBLICA	417
	Agencia de Obra Pública de la Junta de Andalucía	419
	Metro de Granada, S. A.	431
J	GRUPO EMPRESAS SINGULARES NO PARTICIPADAS MAYORITARIAMENTE	437
	Estadio de la Cartuja de Sevilla, S. A.	439
	Orquesta de Sevilla, S. A.	447
K	OTRAS EMPRESAS	463
	Agencia Andaluza de la Energía	465
	Ente Público de Infraestructuras y Servicios Educativos	475
	Agencia de Servicios Sociales y Dependencia de Andalucía	485
	ÍNDICE ALFABÉTICO DE EMPRESAS	493

CONTENTS

ORIGINAL ARTICLES

- Using a discussion about scientific controversy to teach central concepts
in experimental design 71
Kimberley Ann Bennett
- Teaching probability: a socio-constructivist perspective 78
Sashi Sharma
- Slow thinking and deep learning: Tversky and Kahneman's taxi cabs 85
Mike Bedwell
- An alternative teaching method of conditional probabilities and Bayes' rule:
an application of the truth table 89
Eiki Satake and Amy Vashlishan Murray
- Hold my calls: an activity for introducing the statistical process 96
Todd Abel and Lisa Poling
- Transfer Window 103
Mike Fletcher
- TEACHING NOTE
- Teaching note – was the champions league draw rigged? 104
Henk Tijms
- Puzzle corner: Answer to the STAT TREK Puzzle 106
K. S. Bhanu and M. N. Deshpande
- Puzzle Corner: Solution to the STAT TREK Puzzle 106
K. S. Bhanu and M. N. Deshpande