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Titolo	Developments in Demography in the 21st Century [[electronic resource]] / edited by Joachim Singelmann, Dudley L. Poston, Jr
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-26492-0
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (X, 336 p. 49 illus., 31 illus. in color.)
Collana	The Springer Series on Demographic Methods and Population Analysis, , 1389-6784 ; ; 48
Disciplina	304.6072
Soggetti	Statistics Demography Statistics for Social Sciences, Humanities, Law
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I. Introduction -- Chapter 1. "Developments in Demography" (Joachim Singelmann and Dudley L. Poston, Jr.) -- Chapter 2. "What's Changing the World? A Demographer's Perspective" (Wendy Baldwin) -- Part II. Methodological and Statistical Issues -- Chapter 3. "A Demographic Evaluation of the Stability of ACS Estimates for ACS Test Sites: 2000 to 2011" (J. Gregory Robinson and Eric B. Jensen) -- Chapter 4. "Approaches for Addressing Missing Data in Statistical Analyses of Female and Male Adolescent Fertility" (Eugenio Conde and Dudley L. Poston, Jr.) -- Chapter 5. "Considering Local Measures of Poverty Using Shift-Share Techniques: A Comparative Analysis" (Gregory L. Hamilton and Melody Muldrow) -- Part III. Data Issues -- Chapter 6. "Potential Explanations for the high Net Undercount of Young Children in the U.S. Census" (William P. O'Hare) -- Chapter 7. "Babies no Longer: Projecting the 100+ Population." (Howard Hogan and Sandra Colby) -- Chapter 8. "Cohort approaches using educational data of the Czech Republic: Massification of Tertiary Education and its Impact on Education Attainment." (Vladimír Hulík, Klára Hulíková Tesářková) -- Chapter 9. "The Socio-Demographic Consequences of the Deep-Water Horizon Oil Spill: Measurement Issues for Policy Mitigation" (Joachim Singelmann and Corey Sparks) -- Part IV. Issues of

Health, Aging, and Mortality -- Chapter 10. "Determinants of Female Sterilization in Brazil, 2001–2007" (Ernesto F. L. Amaral) -- Chapter 11. "Potential reduction in mortality associated with the shifts of population educational structures in the Czech Republic" (Jitka Rychtaíková, Klára Hulíková Tesárková) -- Chapter 12. "Aging and family support in the State of Mexico" (Viridiana Sosa Márquez) -- Chapter 13. "Impact of population ageing on household structure: evidence from the Czech Republic" (Pavlína Habartová, Klára Hulíková Tesárková, Olga Sivková) -- Chapter 14. "Intimate Homicide Mortality in Alaska from a Demographic Perspective" (Donna Shai) -- Chapter 15. "Correlates of Cognitive Decline among the Elderly: The Case of Mexicans in Mexico and in the United States" (Silvia Mejia Arango, Joachim Singelmann, Rogelio Saenz) -- Part V. Issues in Social Demography -- Chapter 16. "The Urban Hierarchies in China and the United States" (Qian Xiong and Dudley L. Poston, Jr.) -- Chapter 17. "School District Formation as an Explanation for Spatial and Temporal Dimensions of Concentrated Poverty in Bexar County, Texas" (Matthew Martinez) -- Chapter 18. "Marriage Selectivity & Stepfamily Formation (tentative title) (Gabriela Sánchez Soto) -- Chapter 19. "Minority Student Participation in International Programs: A Survey of Undergraduate Students Attending HBCUs" (Komanduri S. Murty and Jimmy D. McCamey, Jr.).

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#### Sommario/riassunto

This book introduces demographic applications which employ current demographic concepts and theories and cutting-edge methods and findings, all of which have and will continue to have an impact in the broad area of social demography. Through providing an introduction to new and current developments in demography, methodological and statistical issues, data issues, issues of health, aging and mortality, and issues in social demography, this book gives new insights into data, substantive issues, and methodological approaches that will assist readers in their use of demography in their research. At the same time it shows demographers, sociologists, economists, statisticians, methodologists, planners, and marketers how they may learn and improve upon the quality and relevance of their demographic investigations now and in the future.

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2. Record Nr.	UNINA9910824816203321
Autore	Holler Jan
Titolo	From machine-to-machine to the Internet of things : introduction to a new age of intelligence // Jan Holler [and five others]
Pubbl/distr/stampa	Oxford : , : Elsevier, , 2014
ISBN	0-08-099401-6
Descrizione fisica	1 recurso en linea (352 páginas)
Altri autori (Persone)	HollerJan
Soggetti	Artificial intelligence - History Technological innovations - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; From Machine-to-Machine to the Internet of Things; Copyright Page; Contents; Foreword; Foreword; Acknowledgements; Author Biographies; Part I: The Vision for Moving from M2M to IoT; 1 Introduction and Book Structure; 1.1 Introduction; 1.2 Structure of the book; Part I: The Internet of Things global context; Chapter 2: M2M to IoT - the vision; Chapter 3: M2M to IoT - a market perspective; Chapter 4: M2M to IoT - an architectural overview; Part II: Nuts and bolts of M2M and IoT; Chapter 5: M2M and IoT technology fundamentals; Chapters 6, 7 & 8: IoT architecture Chapter 9: Real-world design constraintsPart III: Implementation examples; Chapter 10: Asset management; Chapter 11: Industrial automation; Chapter 12: The smart grid; Chapter 13: Commercial building automation; Chapter 14: Smart cities; Chapter 15: Participatory sensing; Chapter 16: Conclusion and looking ahead; Part IV: Appendices; 2 M2M to IoT - The Vision; 2.1 Introduction; 2.2 From M2M to IoT; 2.2.1 A brief background; 2.2.2 M2M communication; 2.2.2.1 A typical M2M solution overview; 2.2.2.2 Key application areas; 2.2.3 IoT; 2.3 M2M towards IoT - the global context; 2.3.1 Game changers 2.3.2 General technology and scientific trends2.3.3 Trends in information and communications technologies; 2.3.3.1 Capabilities; 2.3.4 Implications for IoT; 2.3.5 Barriers and concerns; 2.4 A use case example; 2.5 Differing characteristics; 3 M2M to IoT - A Market

Perspective; 3.1 Introduction; 3.1.1 Information marketplaces; 3.2 Some definitions; 3.2.1 Global value chains; 3.2.2 Ecosystems vs. value chains; 3.2.3 Industrial structure; 3.3 M2M value chains; 3.4 IoT value chains; 3.5 An emerging industrial structure for IoT; 3.5.1 The information-driven global value chain  
3.5.1.1 Inputs to the information-driven global commodity chain3.5.1.1.1 Sensors and radio frequency identification; 3.5.1.1.2 End-users; 3.5.1.2 Production processes of the information-driven global value chain; 3.5.1.2.1 Data factories; 3.5.1.2.2 Service providers/data wholesalers; 3.5.1.2.3 Intermediaries; 3.5.1.2.4 Resellers; 3.6 The international-driven global value chain and global information monopolies; 3.7 Conclusions; 4 M2M to IoT - An Architectural Overview; 4.1 Building an architecture; 4.2 Main design principles and needed capabilities; 4.3 An IoT architecture outline  
4.4 Standards considerationsPart II: IoT Technologies and Architectures; 5 M2M and IoT Technology Fundamentals; 5.1 Devices and gateways; 5.1.1 Introduction; 5.1.1.1 Device types; 5.1.1.2 Deployment scenarios for devices; 5.1.2 Basic devices; 5.1.3 Gateways; 5.1.3.1 Data management; 5.1.3.2 Local applications; 5.1.3.3 Device management; 5.1.4 Advanced devices; 5.1.5 Summary and vision; 5.2 Local and wide area networking; 5.2.1 The need for networking; 5.2.2 Wide area networking; 5.2.2.1 3rd generation partnership project technologies and machine type communications  
5.2.3 Local area networking

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#### Sommario/riassunto

This book outlines the background and overall vision for the Internet of Things (IoT) and M2M communications and services, including major standards. Key technologies are described: Everything from physical instrumentation devices to the cloud infrastructures used to collect data, derive information and map it to current processes, as well as system architectures and regulatory requirements. Real world service use case studies provide the hands-on knowledge needed to successfully develop and implement M2M and IoT technologies sustainably and profitably. Finally, the future vision for M2M te

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