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*Statistics Principles  
And Methods 7th  
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**Publicly available statistics  
from government agencies**

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**that are credible, relevant,  
accurate, and timely are  
essential for policy makers,  
individuals, households,  
businesses, academic  
institutions, and other  
organizations to make**

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**informed decisions. Even more, the effective operation of a democratic system of government depends on the unhindered flow of statistical information to its citizens. In the United**

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**States, federal statistical agencies in cabinet departments and independent agencies are the governmental units whose principal function is to compile, analyze, and**

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**disseminate information for such statistical purposes as describing population characteristics and trends, planning and monitoring programs, and conducting research and evaluation. The**

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**work of these agencies is coordinated by the U.S. Office of Management and Budget. Statistical agencies may acquire information not only from surveys or censuses of people and**

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**organizations, but also from such sources as government administrative records, private-sector datasets, and Internet sources that are judged of suitable quality and relevance for statistical**

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**use. They may conduct analyses, but they do not advocate policies or take partisan positions. Statistical purposes for which they provide information relate to**



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**descriptions of groups and  
exclude any interest in or  
identification of an  
individual person,  
institution, or economic  
unit. Four principles are  
fundamental for a federal**

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**statistical agency: relevance to policy issues, credibility among data users, trust among data providers, and independence from political and other undue external influence.**

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**Practices for a Federal  
Statistical Agency: Sixth  
Edition presents and  
comments on these  
principles as they've been  
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regulations, and other**

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**aspects of the environment  
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emphasizes conceptual  
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exercises, and selected data sets, are available at <http://www.crcpress.com/9781138593145>. Marcello Pagano is Professor of Statistical Computing in the Department of Biostatistics at the Harvard School of Public Health. His research in biostatistics is on computer intensive inference and surveillance

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