

1. Record Nr.	UNINA9910781005903321
Titolo	BioWatch and public health surveillance [[electronic resource] ] : evaluating systems for the early detection of biological threats / / Institute of Medicine and National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2011
ISBN	0-309-18763-X 1-283-01905-1 9786613019059 0-309-13972-4
Edizione	[Abbreviated version.]
Descrizione fisica	1 online resource (251 p.)
Disciplina	358.38
Soggetti	Bioterrorism - United States - Prevention Public health surveillance - United States Emergency management - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Committee on Effectiveness of National Biosurveillance Systems: BioWatch and the Public Health System, Board on Health Sciences Policy, Board on Chemical Sciences and Technology, Board on Life Sciences."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Reviewers""; ""Preface""; ""Contents""; ""Tables, Figures, and Boxes""; ""Acronyms and Abbreviations""; ""Summary""; ""1 Introduction and Background""; ""2 The BioWatch System""; ""3 Evaluation of the BioWatch System""; ""4 Detecting Biological Threats Through the Public Health and Health Care Systems: Current Status""; ""5 Enhancing Surveillance to Detect and Characterize Infectious Disease Threats""; ""6 BioWatch and Enhanced National Biosurveillance Resources""; ""Appendix A: Study Activities""; ""Appendix B: Glossary"" ""Appendix C: Summary of Research into the Costs of Enhanced Public Health Surveillance Systems""""Appendix D: Biographical Sketches of Committee Members""
Sommario/riassunto	Following the attacks of September 11, 2001 and the anthrax letters, the ability to detect biological threats as quickly as possible became a

top priority. In 2003 the Department of Homeland Security (DHS) introduced the BioWatch program--a federal monitoring system intended to speed detection of specific biological agents that could be released in aerosolized form during a biological attack. The present volume evaluates the costs and merits of both the current BioWatch program and the plans for a new generation of BioWatch devices. BioWatch and Public Health Surveillance also examines infectious disease surveillance through hospitals and public health agencies in the United States, and considers whether BioWatch and traditional infectious disease surveillance are redundant or complementary.

---