1. Record Nr. UNINA9910782964903321 Autore McGlynn Elizabeth A **Titolo** Health Information Systems [[electronic resource]]: Design Issues and **Analytic Applications** Santa Monica,: RAND Corporation, The, 1999 Pubbl/distr/stampa **ISBN** 0-8330-4393-5 Descrizione fisica 1 online resource (286 p.) Altri autori (Persone) BrookRobert H KerrEve A Disciplina 362.1/068/4 Soggetti Health services administration -- Data processing Information storage and retrieval systems -- Medical care Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto ""ABOUT THE SERIES DIRECTIONS IN HEALTH SERVICES RESEARCH AND POLICY""; ""FOREWORD""; ""FIGURES""; ""TABLES""; ""ACKNOWLEDGMENTS"": ""INTRODUCTION"": ""WHAT DO STAKEHOLDERS WANT TO KNOW?""; ""WHAT IS WRONG WITH CURRENT HEALTH SYSTEM INFORMATION?"": ""BUILDING AN INTEGRATED INFORMATION SYSTEM"": ""DATA SOURCES FOR AN INTEGRATED INFORMATION SYSTEM"": ""WHAT KIND OF DATA SHOULD AN INTEGRATED INFORMATION SYSTEM INCLUDE?"": ""What Questions Do Stakeholders Want Answered?""; ""When Do Stakeholders Need Answers?""; ""What Are the Consequences of Acting on Inaccurate Information?"" ""WHEN IS EXPERT HELP REQUIRED?"""DATA SOURCES FOR AN INTEGRATED INFORMATION SYSTEM""; ""ENROLLMENT DATA""; ""Uses of Enrollment Data""; ""Problems with Existing Enrollment Data"": ""ADMINISTRATIVE DATA""; ""Uses of Administrative Data""; ""Problems with Existing Administrative Data""; ""CLINICAL DATA""; ""Uses of Clinical Data"": ""Problems with Existing Clinical Data"": ""SURVEY DATA""; ""Uses of Survey Data""; ""Problems with Survey Data""; ""OTHER DATA SOURCES""; ""STRATEGIES FOR IMPROVING THE UTILITY OF INTEGRATED INFORMATION SYSTEMS"": ""FOR MORE DETAIL""

""WHAT CONSUMERS OF RESEARCH NEED TO KNOW ABOUT ANALYSIS"""FORMULATING THE QUESTION""; ""DESIGNING THE

STUDY""; ""IDENTIFYING THE DATA SOURCE""; ""CONSTRUCTING THE ANALYSIS FILE""; ""Restricting the File to a Subset of Individuals""; ""Selecting Variables""; ""Merging Data from Different Sources""; ""Initial Data Quality Checks""; ""SELECTING AN APPROPRIATE ANALYTIC TECHNIQUE""; ""INTERPRETING THE RESULTS""; ""FOR MORE DETAIL""; ""THINKING STRATEGICALLY ABOUT INFORMATION SYSTEMS""; ""DESCRIPTION OF DATA SOURCES AND RELATED ISSUES""; ""INTRODUCTION""; ""DATA SOURCES: EXISTING SYSTEMS"" ""Administrative Data""""Enrollment Data""; ""Clinical Data""; ""Survey Data""; ""Other Data Sources""; ""PROBLEMS AND POTENTIAL SOLUTIONS TO IMPROVE THE UTILITY OF HEALTH DATA SYSTEMS""; ""Lack of Unique Identifiers for Linking Purposes""; ""Varying Levels of Data Quality""; ""Nonuniformity of Data Elements Across Different Data Systems""; ""Enhancements to the Existing Set of Data Elements""; ""GENERAL ANALYSIS ISSUES""; ""FORMULATING THE QUESTION""; ""DESIGNING THE STUDY""; ""IDENTIFYING THE DATA SOURCE""; ""CONSTRUCTING AN ANALYSIS FILE"" ""Restricting the File to a Subset of Individuals"""Selecting Variables""; ""Merging Data from Different Sources""; ""Initial Data Quality Checks""; ""A SĂMPLER OF ANALYTIC TECHNIQUES""; ""Description""; ""Inference""; ""a.""; ""b""; ""Prediction""; ""INTERPRETING THE RESULTS""; ""DEVELOPING AND USING A CLINICAL INFORMATION SYSTEM""; ""INTRODUCTION""; ""HOW WILL A CLINICAL INFORMATION SYSTEM WORK?"": ""HOW DO CLINICAL DATA DIFFER FROM ADMINISTRATIVE DATA?""; ""WHY IS SEVERITY ADJUSTMENT IMPORTANT?""; ""WHAT ARE THE CHARACTERISTICS OF AN IDEAL CLINICAL INFORMATION SYSTEM?"" ""Diagnoses Must Be Valid""