1. Record Nr. UNINA9910778784803321 Environmental tobacco smoke: measuring exposures and assessing **Titolo** health effects / / Committee on Passive Smoking, Board on Environmental Studies and Toxicology, National Research Council Washington, D.C.:,: National Academy Press,, 1986 Pubbl/distr/stampa **ISBN** 1-282-08103-9 9786612081033 0-309-59184-8 0-585-16853-9 Descrizione fisica 1 online resource (351 pages) Disciplina 363.7/392 Tobacco smoke pollution - Measurement Soggetti Tobacco smoke - Toxicity testing Passive smoking Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographies and index. ""ENVIRONMENTAL TOBACCO SMOKE""; ""Copyright""; ""Preface""; Nota di contenuto ""Acknowledgments""; ""Contents""; ""Executive Summary""; ""INTRODUCTION"": ""ENVIRONMENTAL TOBACCO SMOKE"": ""MEASURES OF EXPOSURE""; ""Questionnaires""; ""Monitoring""; ""Biological Markers": ""IN VIVO AND IN VITRO STUDIES"": ""HEALTH EFFECTS"": ""Acute, Noxious Effects""; ""Respiratory Symptoms and Lung Function""; ""Lung Cancer""; ""Other Cancers""; ""Cardiovascular Disease"": ""Other Health Considerations in Children"": ""1 Introduction ""; ""DEFINITIONS""; ""TRENDS IN CIGARETTE USAGE""; ""ORGANIZATION""; ""REFERENCES"" ""I PHYSICOCHEMICAL AND TOXICOLOGICAL STUDIES OF ENVIRONMENTAL TOBACCO SMOKE "" ""2 The Physicochemical Nature of Sidestream Smoke and Environmental Tobacco Smoke ""; ""INTRODUCTION""; ""SIDESTREAM SMOKE""; ""PRINCIPAL CHEMICAL CONSTITUENTS OF ENVIRONMENTAL TOBACCO SMOKE"": ""RADIOACTIVITY OF ENVIRONMENTAL TOBACCO SMOKE""; ""TOXIC AND CARCINOGENIC AGENTS IN TOBACCO SMOKE""; ""SUMMARY AND

RECOMMENDATIONS""; ""What Is Known""; ""What Scientific Information Is Missing"": ""REFERENCES"": ""3 In Vivo and In Vitro Assays to Assess the Health Effects of Environmental Tobacco Smoke "" ""INTRODUCTION"" ""IN VIVO ASSAYS ON ENVIRONMENTAL TOBACCO SMOKE""; ""Exposure Methods in Laboratory Research""; ""Animal Models in Inhalation Studies""; ""Results of Inhalation Studies""; ""In Vivo Bioassays Other Than Inhalation""; ""IN VITRO ASSAYS ON ENVIRONMENTAL TOBACCO SMOKE""; ""SUMMARY AND RECOMMENDATIONS"": ""What Is Known"": ""What Scientific Information Is Missing""; ""REFERENCES""; ""II ASSESSING EXPOSURES TO ENVIRONMENTAL TOBACCO SMOKE ""; ""4 Introduction ""; ""REFERENCE""; ""5 Assessing Exposures to Environmental Tobacco Smoke in the External Environment "" ""TRACERS FOR ENVIRONMENTAL TOBACCO SMOKE"" "PERSONAL MONITORING"": ""CONCENTRATIONS OF ENVIRONMENTAL TOBACCO SMOKE IN INDOOR ENVIRONMENTS""; ""Various Environmental Tobacco Smoke Constituents""; ""Particulate Levels and Smoking Occupancy""; ""MODELING""; ""Equilibrium Models for RSP""; ""Generation Rate""; ""Ventilation/Infiltration""; ""Removal by Surfaces""; ""Mixing""; ""Volume""; ""Predicting Environmental Tobacco Smoke Exposures from Tobacco Combustion""; ""Application of Respirable Suspended Particulates Model""; ""SUMMARY AND RECOMMENDATIONS""; ""What Is Known"" ""What Scientific Information Is Missing" ""REFERENCES""; ""6 Assessing Exposures to Environmental Tobacco Smoke Using Questionnaires ""; ""EXPOSURE HISTORIES DERIVED FROM QUESTIONNAIRES""; ""ENVIRONMENTAL TOBACCO SMOKE EXPOSURE DATA FOR STUDIES OF ACUTE AND CHRONIC HEALTH EFFECTS""; ""DATA QUALITY""; ""OTHER VARIABLES""; ""SUMMARY AND RECOMMENDATIONS""; ""What Is Known""; ""What Scientific Information Is Missing""; ""REFERENCES""; ""7 Exposure-Dose Relationships for Environmental Tobacco Smoke "": ""ESTIMATING DOSE""; ""PARTICLE SIZE""; ""BREATHING PATTERN"";

""DEPOSITION OF CIGARETTE SMOKE PARTICLES""