

## INDEX

- ABRUPTIO PLACENTAE  
 (See also PERINATAL MORTALITY)  
 maternal smoking levels and, 3, 7  
 smokers vs. nonsmokers, 3, 8
- ADOLESCENTS  
 smoking habit, 50, 52
- ADVERTISING  
 effect on cigarette consumption, 52-53
- AGING  
 effect on mortality ratios in smokers, 28  
 effect on mortality ratios in ex-smokers, 36-37
- AMERICAN CANCER SOCIETY STUDY  
 methodology, 25-26
- ANTISMOKING CAMPAIGNS  
 (See also PREVENTION OF SMOKING)  
 short and long term strategies, 48-50
- BIRTH WEIGHT  
 effect of carbon monoxide in rabbits, 12  
 effect of cessation of smoking during pregnancy, 2  
 effect of maternal smoking, 1-4  
 fetal and maternal carboxyhemoglobin levels and, 9-10  
 maternal smoking and, 11, 13
- BLOOD VESSELS  
 effect of carboxyhemoglobin on fetus and placenta, 9  
 effect of smoking, 13
- BREAST FEEDING  
 (See also LACTATION)  
 effect of nicotine on infants, 15
- BRITISH DOCTORS STUDY  
 methodology, 26-27
- CARBON MONOXIDE  
 effect on pregnancy, 9-13  
 effect on birth weight and neonatal mortality in rabbits, 12  
 low birth weight infants and, 12
- CARBOXYHEMOGLOBIN  
 effect on fetal and placental blood vessels, 9  
 effect on oxygen transport in fetus, 11
- CARBOXYHEMOGLOBIN LEVELS  
 birth weight and, 9-10  
 birth weight in rabbits and, 12  
 effect of maternal smoking on fetal/maternal ratio, 11  
 effect of smoking in pregnant vs. nonpregnant women, 9-10
- CARDIOVASCULAR DISEASES  
 (See also ISCHEMIC HEART DISEASE; MYOCARDIAL INFARCT; THROMBOEMBOLISM)  
 mortality risk in oral contraceptive users and smokers, 13-14  
 oral contraceptives and smoking and, 13-15
- CESSATION OF SMOKING  
 (See also EX-SMOKERS; SMOKERS VS. EX-SMOKERS)  
 effect on birth weight in offspring, 2  
 effect on ischemic heart disease mortality risk, 36  
 effect on lung neoplasm mortality risk, 37  
 effect on mortality rates and ratios, 32-37, 41-42  
 health benefits, 48-50
- CHILDREN  
 effect of maternal smoking during pregnancy on intellectual and physical development, 8-9  
 smoking habit, 50, 52

## INDEX

**CIGARETTE CONSUMPTION**

effect of tobacco industry advertising, 52-53

**CIGARETTES, LESS HAZARDOUS**

health benefits, 48-49

mortality ratios in low vs. medium vs. high tar/nicotine smokers, 30-31

mortality ratios in low tar/nicotine smokers vs. nonsmokers, 31

**CONTRACEPTIVES, ORAL**

cardiovascular diseases and smoking and, 13-15

myocardial infarct and smoking and, 13-15

**DDT**

effect of maternal smoking on levels in breast milk, 15

**EX-SMOKERS**

(See also CESSATION OF SMOKING; SMOKERS VS. EX-SMOKERS)

birth weight in offspring, 2

mortality ratios, 32-33

**FETUS**

(See also BIRTH WEIGHT; PERINATAL MORTALITY)

effect of carboxyhemoglobin on blood vessels, 9

effect of maternal smoking on oxygen transport, 11-12

**HEREDITY**

role in disease etiology, 49

**INHALATION**

effect on mortality ratios in cigarette smokers, 29

effect on mortality ratios in cigar vs. pipe smokers, 38

**INTELLECTUAL DEVELOPMENT**

effect of maternal smoking levels during pregnancy on offspring, 8-9

**ISCHEMIC HEART DISEASE**

(See also CARDIOVASCULAR DISEASES)

mortality risk, effect of cessation of smoking, 36

**LACTATION**

(See also BREAST FEEDING)

effect of maternal smoking, 15

**LUNG NEOPLASMS**

mortality risk, effect of cessation of smoking, 37

**MORTALITY**

annual probability of dying in smokers vs. nonsmokers

vs. ex-smokers, 34-37

cardiovascular diseases, risk in oral contraceptive users and smokers, 13-14

cigarette vs. cigar vs. pipe smokers, 38

effect of smoking, 21-45

myocardial infarct, rates in oral contraceptive users and smokers, 13-14

summary of the 1964 Surgeon General's Report findings, 22-23

summary of the 1967 Health Consequences of Smoking findings, 23

**MORTALITY RATIOS**

cigarette vs. cigar vs. pipe smokers, 38, 41-43

effect of inhalation, 29,38

effect of smoking duration in cigar smokers, 39

effect of smoking duration in cigarette smokers, 23-29

effect of smoking duration in pipe smokers, 39-41

effect of smoking levels in cigar smokers, 39-40

effect of smoking levels in cigarette smokers, 27-29

effect of smoking levels in pipe smokers, 39-41

ex-smokers, 32-37

low tar/nicotine smokers vs. non-smokers, 31-32

low vs. medium vs. high tar/nicotine smokers, 38, 41-43

**MYOCARDIAL INFARCT**

(See also CARDIOVASCULAR DISEASES)

mortality rate in oral contraceptive users and smokers, 13-14

oral contraceptives and smoking and, 13-15

**NATIONAL CHILD DEVELOPMENT STUDY, 8-9****NATIONAL CLEARINGHOUSE FOR SMOKING AND HEALTH**

effect of maternal smoking on pregnancy, survey of public awareness, 16

role in prevention of smoking, 55

INDEX

NICOTINE  
effect on breast-fed infants, 15  
effect on mortality ratios, 30-31

NEONATAL MORTALITY  
effect of carbon monoxide in rabbits,  
12

ONTARIO PERINATAL MORTALITY  
STUDY, 3

OXYGEN TRANSPORT  
effect of carboxyhemoglobin on  
fetus, 11  
effect of maternal smoking on fetus  
and mother, 11-12

PERINATAL MORTALITY  
(See also ABRUPTIO PLACENTAE;  
BIRTH WEIGHT; PLACENTA  
PREVIA; PREMATURITY; STILL-  
BIRTHS)  
effect of maternal smoking, 2-3, 7  
maternal smoking and, 13  
risk factors, 2-3

PHYSICAL DEVELOPMENT  
effect of maternal smoking levels  
during pregnancy on offspring,  
8-9

PLACENTA  
effect of carboxyhemoglobin on blood  
vessels, 9

PLACENTA PREVIA  
(See also PERINATAL MORTALITY)  
maternal smoking levels and, 3-4, 7  
smokers vs. nonsmokers, 3-4, 8

PREGNANCY  
effect of carbon monoxide, 9-13  
effect of maternal smoking, 1-13  
effect of maternal smoking, public  
awareness, 15-16

PREMATURITY  
(See also FETUS; PERINATAL MOR-  
TALITY)  
maternal smoking levels and, 3-4

PREVENTION OF SMOKING  
(See also ANTISMOKING CAM-  
PAIGNS)  
barriers to successful control, 53-55  
health benefits, 48-50  
international programs, future needs,  
55-56

SMOKE, CIGARETTE  
(See also SMOKING)  
synergistic action in disease etiology,  
49

SMOKERS, CIGAR  
mortality ratios, 38-43  
mortality ratios, effect of smoking  
duration 38-39  
mortality ratios, effect of smoking  
levels, 38-40

SMOKERS, PIPE  
mortality ratios, 38-43  
mortality ratios, effect of smoking  
duration, 38-41  
mortality ratios, effect of smoking  
levels, 38-41

SMOKERS vs. EX-SMOKERS  
(See also CESSATION OF SMOKING;  
EX-SMOKERS)  
annual probability of dying, 34-37

SMOKERS vs. NONSMOKERS  
abruptio placentae, 3, 5-6, 8  
annual probability of dying, 34-37  
birth weight in offspring, 4  
membrane rupture during pregnancy,  
7-8  
myocardial infarct in oral contracep-  
tive users, 13-15  
perinatal mortality, 5  
placenta previa, 3-4, 6, 8  
prematurity, 4

SMOKING (See also SMOKE, CIGA-  
RETTE; SMOKERS, CIGAR;  
SMOKERS, PIPE; SMOKING DU-  
RATION; SMOKING LEVELS;  
SMOKING, MATERNAL)  
effect on blood vessels, 13  
effect on carboxyhemoglobin levels  
in pregnant vs.  
nonpregnant women, 11  
effect on mortality, 21-45  
in etiology of disease, review of  
mechanisms, 47-49  
synergistic action in disease etiology,  
49

SMOKING AND HEALTH  
research needs, 53-56

SMOKING DURATION  
(See also EX-SMOKERS; SMOKERS,  
CIGAR; SMOKERS, PIPE; SMOK-  
ING; SMOKING LEVELS)  
effect on mortality ratios in cigar  
smokers, 38-39  
effect on mortality ratios in ciga-  
rette smokers, 28-29  
effect on mortality ratios in ex-  
smokers, 32-34

## INDEX

- effect on mortality ratios in pipe smokers, 38-41
- SMOKING HABIT**  
 children and adolescents, 50, 52  
 initiation, establishment, maintenance and modification, 50-51  
 research needs, 53-54, 56  
 trends in 20th Century, 51-53  
 women, 1
- SMOKING LEVELS**  
 (See also SMOKERS, CIGAR; SMOKERS, PIPE; SMOKING; SMOKING DURATION; SMOKING LEVELS, MATERNAL)  
 effect on mortality ratios in cigar smokers, 38-40  
 effect on mortality ratios in cigarette smokers, 27-29  
 effect on mortality ratios in ex-smokers, 32-34  
 effect on mortality ratios in pipe smokers, 38-41  
 effect on myocardial infarct risk in oral contraceptive users, 14-15
- SMOKING LEVELS, MATERNAL**  
 (See also SMOKING, MATERNAL)  
 abruptio placentae and, 3, 5, 7  
 bleeding during pregnancy and, 3, 7  
 effect on birth weight, 2-4  
 effect on carboxyhemoglobin levels, 10  
 effect on intellectual and physical development in offspring, 8-9  
 effect on perinatal mortality, 3, 5, 7  
 membrane rupture during pregnancy and, 3, 7  
 prematurity and, 3-4  
 placenta previa and, 3-4, 7
- SMOKING, MATERNAL**  
 (See also SMOKING LEVELS, MATERNAL)  
 effect on birth weight, 1-2  
 effect on DDT levels in breast milk, 15  
 effect on fetal/maternal carboxyhemoglobin ratio, 11  
 effect on intellectual and physical development in offspring, 8-9  
 effect on lactation, 15  
 effect on oxygen transport in fetus and mother, 11-12  
 effect on perinatal mortality, 2-3  
 effect on pregnancy, 1-13  
 effect on pregnancy, public awareness, 15-16  
 effect on umbilical artery, 13  
 low birth weight and, 13  
 perinatal mortality and, 13  
 stillbirths and, 8
- STILLBIRTHS**  
 (See also PERINATAL MORTALITY)  
 maternal smoking and, 8
- THROMBOEMBOLISM**  
 (See also CARDIOVASCULAR DISEASES)  
 mortality rate in oral contraceptive users and smokers, 14
- TOBACCO INDUSTRY**  
 effect of advertising on cigarette sales, 52-53
- UMBILICAL ARTERY**  
 effect of maternal smoking, 13
- U.S. VETERANS STUDY**  
 methodology, 26
- WOMEN**  
 smoking habit, 1  
 summary of smoking related health problems, 17