Index

Accidental trauma, 87 Common symptoms, 192 "Adopted grandparents," 165 Communicable diseases, 53 Advertising, 178, 189 Communications networks for health care, Agricultural areas, health personnel in, 117, 118 115 Comprehensive health planning, 127 Alaska, health care in, 117 Computers, storage of medical data in, 195, Alaskan natives, death rate of, 90 Allergies, 57 Congenital anomalies, 60 Ambulance drivers, inadequately informed, Controls for mobility and manipulation, 87 167 Ambulatory clinics, nurses in, 102 Coronary care, 71-72 American Nightmare, 93 Coronary-care units, effectiveness of, 72 Annual checkup, value added by, 62-63 Cost/benefit, 47-56 Arthritis, 84 Cost-effectiveness, 51-55, 63, 64 Artificial hearts, implantable, 70, 71 Cost-plus economics, 29 Artificial kidneys, 69, 155 Costs, factors contributing to, 25-30 Asepsis and anesthesia in surgery, 2 Curable diseases, 53, 54 Atherosclerosis, 84 Cystitis, 56 Audiotapes, for health information, 161 Automated Multiphasic Health Testing, 64, Deafness, 85 tests for, 86 Automatic dialers (Magic Call), 169 Death Automation of clinical laboratories, 61 anticipation of, 94 common causes of, 76-81 Babies, newborn, 84 with dignity, 73, 94 Bacterial infestations, 56 Decision trees, 9, 10. See also Protocols Bell Telephone Company, 169 Definitive therapy, value added by, 61-62 Benefit, levels of, 51. See also Cost/benefit Delphi Technique, 10 Biochemical determinations, 62 Dental defects in children, 187 Bloom, Bernard, 72 Depersonalization in mental hospitals, 92 Blue Cross-Blue Shield, 144 Diagnosis, value added by, 61-62 Bronchiectasis, in native Americans, 91 Diagnostic carrels, in Straub Clinic, 105 Brown, J. H. U., 62 Diabetes, 84 Cable television, 189 Dickson, James, 62 Cardiac arrhythmias, hazardous, 72 Diphtheria, 55 Careers in health, 109-112 Disease and disability Categories of ailments, 49-51 categories of, 34-36 Census, U.S. Bureau of, 55 preventable, 49 Center for Health Statistics, U.S.P.H.S., 150 Diseases Children, accidental deaths of, 84 most favored, 68 Cholera, 55 responsibility sectors for, 37-42 Chronic-care clinics, 155 Diversification of realth personnel, 103, 104 Chronic disability, 35 Doctor-patient relationship, 1, 22, 61 Clarke, Arthur C., 12 Doctors allocation of, 98-99 Common colds, 55, 57 Common ills, 35, 36 number of, 190-191

Doctors (continued) costs of, 69-72 shortage of, 21, 98 distribution of, 89, 118 Doing something, value added by, 65-66 effectiveness of, 2 Down's syndrome (mongolism), 84 for different races, 90 Drugs, over-the-counter, 178 for senior citizens, 92 home-based, 150-176 Dying, process of, 94 humanizing of, 153-155 Easter Seal Aid Society, 171 maldistribution of, 113 Economic significance of treatment, 58 neglected opportunities for, 113 Economy, incentives for, 141-142 paradoxical problems in, 4 Education, health, 189-203 patient-oriented, 179-180 lifelong, 202-203 minimal standards for, 181-182 maternal, 186-188 problems of, 22-25 "prime time" for, 184-186 Health Insurance Plan of Greater New in schools, 189-192 York, 144 Emergencies, 35, 39 Health Maintenance Organizations Emergency services, misuse of, 112-113 (HMO's), 144-145 Empty beds, 29, 30 Health personnel, 23 Environmental ills, 35 categories of, 101 Environmental threats, 53 distribution of, 99, 113, 115, 117, 120 Epidemic ills, 35 diversification of, 103, 104 Eradic-ailments, 35, 39 See also Doctors; Gatekeepers; Nurses; Euthanasia, 95 Physicians' assistants Exploring Childhood, 194 Health priorities, criteria for, 75-83 Extendi-Care Company, 141 Hearing defects, simulated, 192 Failure of imagination, 12 Hearing impairment, 85 Hemodialysis, 69-71 Failure of nerve, 12 Fetter, Robert, 138 Hemophilia, 70, 84, 156 Forecasting, limits to, 12 Hernias, 60 Functional bowel disease, 56 Hill-Burton Act, 126 Futures, creation of, 18 Home care, 151, 163-175 Futures research, 6-11 do-it-yourself kits for, 156, 157 and information and referral centers, Gatekeepers, 105-109 157 Geller, Harvey, 75 technologies for, 155-156 General hospitals, small, elimination of, 132 See also Health care, home-based General practitioners, as health guides, 105 Hormonal deficiencies, 60 Genetic disturbances, 84 Hospital hierarchies, 132 Goals for health care, 18, 20, 75 Hospitalization, cost of, 28-30 Goodwill Industries, 174 Hospitals, 123-141 Group consensus, 10 causes of overuse of, 125 Group Health Cooperative of Puget Sound, characteristics of, 123-124 142 diversification of, 145-147 Health, definitions of, 30-36 numbers of, 126 Health and Community Services of organizations in, 124, 125 Honolulu, 171 private ownership of, 141 Health and hygiene, high-school courses on, proliferation of, 125-126 regional planning of, 128 Health-appraisal facilities, 159 Swedish prototype for, 129 Health care Hydrocephalus, 84 availability of, 22-23 Hypertension, 56, 61

Illnesses National Health Insurance, 43, 70 at different ages, 33 Native Americans, health problems of, 90, incidence of, 55-57 91, 116 Impersonalization, 23 "Natural death," 95 Infections, 53 Nurse-midwives, 102 Influenza-like illness, 55, 57 Nurse-practitioners, 39, 102 Information, encapsulated, 111, 161 Information and referral centers, 157-159 in ambulatory clinics, 102 Information gaps, in general public, 177 in coronary-care units, 99 Innovations, unpredicted, 14 future role of, 99 Intuition, 9 Nutritional diseases, disappearance of, 53 Irregular heart beat, alarm for, 170 Occupational ills, 35 Jobs, changing demand patterns for, 43-44 Orthopedic defects, 85 Otitis media, in native Americans, 91 Kaiser-Permanente Medical Care, 142 Kubler-Ross, Elisabeth, 94 Pain, ischemic, 193 Pain syndrome, management of, 162 Laboratory tests, standard, 61 Paralysis, 61 Lag times for technology, 14-15 simulated, 193 Life expectancy, 75 Paraprofessionals in health care, 23, 102-115 "Living wills," 95 Parenthood, preparation for, 194 Long-range goals, definitions of, 18 Patient participation, 176-205 Long-range planning, 18-20 Patient sector, 36-39 Magraw, Richard, 21 People-power, 44 Malaria, 55 Perrone, Nicholas, 89 Management agreements between hospitals, Personal health profiles, 196-197 Peterson, Osler, 72 Manpower, availability of, 43-45 Phenylketonuria, 92, 187 Maternal indoctrination, 186-188 Physical therapy, 162 Maternal nutrition, 84 Physically handicapped, numbers of, 163 Maternity services, consolidation of, 138-139 Physicians' assistants, 39, 102-103 Mathematical models, 8 Physician's family, health care in, 2, 181 Maxi-mals, 35, 39 Placebo effect, 53, 65 McHale, John, 14 Postural reflexes, 193 "Meals-on-wheels," 165 Prenatal care, 84 Medex program, 116 Prepaid medical plans, 142-144 Medical sector, 39-40 Preservation of life, 75 Preventable ills, 35 Meditation, transcendental, 162 Mendi-mals, 35 Prevention of disease, 58-60 Mental illness Prevention of suffering, 75 incidence of, 91 Preventive maintenance, 63 responsibility for care of, 35, 41 Primary-care team, functions of, 23, Midi-mals, 35, 36 152-153, 156, 161, 162-163, 173 Midwives, 102 Problem list in personal health profile, Mini-mals, 35, 36 Misinformation, in general public, 178 Productive life span, 75 Mobility and manipulation, as needs of the Progressive relaxation, 162 handicapped, 165-168 Prophecy, hazards of, 12 Modeling and simulation, 10 Proprietary hospitals, 141 Multiphasic screening, 39, 63-65 Protocols, 106-109 Myocardial infarction, 56 for low back pain, 107

210 INDEX

Stockholm County, hospitals in, 132

Straub Medical Research Institute, 105, 155

Strang Clinic, 109

Suicide rate, 94 Protocols (continued) for chronic diseases, 107 Sui-sickness, 35, 36, 38-39, 191-192 Supportive therapy, value added by, 54-55 for upper-respiratory infections, 107 Psychosocial ills, 35 Surplus people, 43-44 Public-health nurses, 102 Sweden, hospitals in, 129 Swedish health-care prototype, advantages Pulmonary disease, testing for, 159 and disadvantages of, 134 Pupillary reflexes, 192 Swedish Institute for Planning (SPRI), 132 Quackery, definition of, 51 Symptomatic management, 55 Quality of life, 75 Symptoms and signs common, 183-184 Rapport between doctors and patients, 22 significance of, 182 Reassurance, value of, 28 Records, personal health, 195-202 Technical-support personnel, 104-105 clinical data base, 199-200 Technological advances, 15, 69 Medidata Card, 201-202 Technological success, consequences of, Laboratory Data Profile, 200-201 60-74 Remedial management, 55 Teleclass service, 170 Remote areas, health care in, 116-117 Telecommunications and health care, 119, Research resources, 49 169-170 Rh factor, 84 Telecontrol devices, 168 Rice, Dorothy, 93 Television and health education, 177, 178, Risk factors for infant illness, 90 Therapies, effectiveness of, 53-55 Satellites, communication by, 118 Third-party payments, 48, 49 Schizophrenia, simulation of, 92 Thompson, John, 138 Scribner, Belding, 69 Thoroughness, cost of, 27-28 Security requirements of the handicapped, Transportation systems for health care, 118, 168-170 Self-fulfillment, 173-175 Trauma, incidence of, 87-90 Self-help groups, 156 Treatment, nonscientific methods of, Self-testing, 160 161-163 Senior citizens, 71, 93 Trend extrapolation, 7, 9 Service functions, growth of, 44 Typhoid fever, 60 Service-oriented society, emergence of, 43 - 45Urban centers, 113 Shared support services, 139 Value-added, 57-66 Sickle-cell anemia, 84 Venereal disease, 56 Simulation and modeling methods, 7-9 VIDA (alarms for heart irregularities), 170 Social needs of the handicapped, 170-173 Video cassettes, for health information, 161 Social Security Amendments for chronic Violence, 87 renal disease, 69 Visual disturbances, simulated, 192 Societal sector, 40-41 Visual impairment, 85 Socioeconomic disability, 31-33, 41 Vital needs of the handicapped, 164 Southwest Research Laboratories, 168 Speech impairment, 85 Williams, Robert, 73 Spina bifida, 73 Youth, health needs of, 87, 89 Standard metropolitan statistical areas (SMSA), 55