

Index

Please note that page numbers in italics direct the reader to tables, photographs or other images.

Algeria, 58 Argentina, 152 Aronson, Joseph, 181 Assad, F. A., 179 Australia, 104, 117

Cai Fu (Tsai Fu), 167

Cakrtova, Marie, 158

Balfour, Marshall, 131 Belgium, 87 Bermann, Gregorio, 152 Bertillon, Jacques, 91, 93, 148 Bertillon's list. See statistics, statistical standards, Bertillon's list Biggs, Hermann, 24-5, 44, 109, 113-15 biopolitics, 8 biostatistics. See statistics Biraud, Yves (Yves-Marie), 1, 56-8, 95, 153, 155-60, 163, 165 Bolivia, 14 Borčić, Berislav, 131, 162 Boudreau, Frank, 104 Brazil, 148, 150, 159 Buchanan, Sir George, 84, 92 Buck, Pearl S., 122, 128 Bujwid, Odo, 34

Canada, 94
Chadwick, Edwin, 2
Chandrasekaran, Chidambara, 56
Chen Jingsheng (Ch'en Ching-Sheng), 170
Chen Wanyi (Ch'en Wan-I), 195
Chen Xixuan (Ch'en Hsi-Hsuan), 195
Chen Zhengde (Ch'en Cheng Te, C. T.
Ch'en), 199
Chen Zhiqian (Ch'en Chih-Ch'ien, C. C.
Ch'en), 124–9, 137–9, 142, 202, 207

Chiang Kai-Shek, 102 China, 98-108, 117, 150 Anhui, 217 Beijing, 61, 67, 74, 131, 219 municipal police, 64-7, 138 Peking First Health Station (PFHS, Peiping Health Demonstration Station), 44, 59-70, 67, 68, 73-5, 74, 126, 132 PUMC. See public health institutions and universities, PUMC Beiyang Military Medical Academy, 59 Central Epidemic Prevention Bureau, 65, 100 Central Field Health Station (CFHS), 21, 75, 111, 129-42, 133, 136, 162, 184 China Medical Association, 206 China Medical Board. See philanthropy, Rockefeller Foundation, China Medical Board Chinese Christian Association, 59 Chinese Communist Party, 15, 209, 213, 217 Chinese Social Survey Movement, 73 Chongqing, 161 civil war, 164 Cultural Revolution, 203, 215, 220 Customs Service, 101, 105 familiarity with, 26, 35-9 feng shui masters (yin yang shen), 64-6 Great Famine, 217-18 Great Leap Forward, 215-21 Hong Kong. See Hong Kong Jiangsu, 212 Joint Council for Public Health Education, 59

Manchuria, 105, 170

254



Index 255

Manchurian Incident (1931), 96 Mass Education Movement (MEM), 19, 110-12, 121-4, 127-9, 131 Nanjing, 123, 130, 138, 208 National Quarantine Service, 105-8 Ningbo, 36 Niuzhuang (Newchwang), 105 official data. See official data registration One China policy, 202 Patriotic Health Campaigns, 208-10, 213-14, 220 People's Republic of (PRC), 15, 20, 167, 202–22, 225 Ministry of Foreign Affairs, 204-6 Ministry of Health, 205, 214, 220 State Statistics Bureau, 203, 210, 214, 217 WHO, withdrawal from, 202-6 People's Liberation Army, 215 Republic of (ROC), 14-17, 19, 22, 102, 110, 145, 155, 161-71, 173-201 Central Statistics Bureau, 123 exile. See Taiwan, ROC exiled to National Health Administration (NHA), 62, 103, 123, 129-36, 161, 170 Second Sino-Japanese War, 15, 36, 75, 139, 164, 170, 207 Shanghai, 36, 163, 207, 212, 214-15 Municipal Health Bureau, 132 Wusong (Woosung), 105 sovereignty, 14, 81, 101, 102, 104, 106, 108 Taiwan. See Taiwan Tianjin, 59, 131 treaty ports, 100-7, 163, 170 Warlord Era, 100 Chisholm, Brock, 151, 154 Cohnheim, Julius, 32 Cold War, 4, 17, 144-6, 164-71, 204-6, collaboration, international, 4, 35, 78, 88, 144, 152, 174 health organizations. See health organizations, international colonialism, 2, 13, 98 colonial medicine, 13, 80, 95-100 treaty ports. See China, treaty ports conferences and congresses, 44 Conferences of Directors of Schools of Hygiene, 130 conferences to revise the ICD, 95, 155 European Health Conference (1922, Warsaw), 82

First National Health Conference (1950, PRC), 207 International Health Conference (1946, New York), 151 International Sanitary Conferences, 2 International Statistical Congresses, 3 United Nations Conference on International Organization (1945, San Francisco), 164 World Congress of Doctors for the Study of Current Life Conditions (1953), 206World Population Conference (1927), 52 Croatia, 131 Cumming, Hugh, 24, 85-7 d'Espine, Farr, 3 Darwin, Charles, 42 Davis, William H., 94 demonstrations. See public health and policy-making, health demonstrations and programs Demos, E. A., 185, 188 Deng, P. H., 163 Denmark, 207 disease alcoholism, 47 ascariasis, 134 cancer, 91, 155 cholera, 32, 79, 81, 92, 104, 149, 164, 209 COVID-19, 223-4, 226 depression, 39 dysentery, 162 Ebola, 228 epidemic. See epidemics epidemiology. See epidemiology etiology, 3, 65 gastrointestinal, 69 hookworm, 28, 37, 46, 59, 134, 162 kala-azar, 133, 162 malaria, 12, 22, 50, 56-7, 81, 148-9, 153, 166, 174-9, 178, 183-6, 187 GMEP. See public health and policymaking, health demonstrations and programs, GMEP Taiwan Malaria Research Institute (TMRI), 184-91, 194 pellagra, 37 plague, 79, 92, 105, 133 polio, 153 quarantine. See quarantine relapsing fever, 81 smallpox, 79, 92, 162 snail fever, 207 syphilis, 53, 153



256 Index Frankel, Dr. Lee K., 113 disease (cont.) tuberculosis, 12, 22, 31, 33, 48, 57, Frost, Wade, 43, 52-5, 60 69, 75, 113-15, 120, 133, 148-9, Reed-Frost model, 54 153, 173-5, 179-83 National Tuberculosis Association, Galton, Francis, 41-2, 47 113 Gautier, Raymond, 147 Taipei Tuberculosis Control Center, Gear, Harry, 1 184, 191-4, 198 Gee, Gist, 70 Tuberculosis Chemotherapy Center Germany (Madras), 182 Berlin, 32 Tuberculosis Research Office, 180 Bremen, 105 typhoid, 133, 162 Hamburg, 105 typhus, 34, 78-83, 92, 162 Imperial Office of Health, 89 vaccination. See vaccination Ghana, 182 Goldberger, Joseph, 37 vaws, 212 Goodman, N. M., 149 yellow fever, 79, 92, 162 Zika virus, 227 governmentality, 8 Dutch East Indies, 99 Grant, John B., 21, 35-9, 43-4, 59-70, 63-77, 101-4, 107, 124, 132-7 Great Depression, 27, 31, 52, 112 Echavez, P. S., 185, 188 Ecuador, 180 Greece, 14, 180 Edge, Major, 88 Greene, Roger, 72 Edwards, Major General Sir W. R., 99 Greenwood, Major, 39, 41-2, 49, Egypt, 150, 180 86 - 8Gu Weilin, 211 Eichel, Otto R., 49, 93, 116, 119 Gunn, Selskar, 83-6 Emerson, Haven, 49, 94 epidemics, 43, 52-5, 60, 112, 132, 133, Guo Songgen (Quo Sung-Ken, S. K. Quo), 160, 164, 169-71, 198 182 - 5cholera, 104, 149-52 Guo Zuchao, 208-9, 214-15, 220-2 predicting, 3, 133 reporting, 81-3, 88, 92, 98-101, 108, Haas, Robert, 107 143-6, 161-7, 173-6, 205-9 Hackett, Lewis, 57 typhus, 34, 78-3 health organizations, international, 9, 11, 57, 152, 173, 198 epidemiology, 20, 22, 34, 41, 52-5, 60-1, 100, 142, 144-50, 160-4, 177 American Bureau for Medical Aid to China, 18, 170 data collection. See statistics, statistical American Public Health Association practices Intelligence Service. See League of (APHA), 38, 49, 67, 93-5 Nations, Health Organization, the collaboration between. See Service collaboration, international Reed-Frost model, 54 Far Eastern Association of Tropical Ethiopia, 148 Medicine, 80 experts, 9, 26, 150, 159, 181-3, 223-8 League of Red Cross Societies, 82 LNHO. See League of Nations, Chinese, 7, 43, 194-201, 225 exchange programs, 89-92, 92 LNHO missions, 148-9 Office international d'hygiène publique (OIHP), 79-81, 92, 98, Soviet, 203-7, 209-16, 219 Taiwanese, 225 108, 143 Pan American Health Organization trust in, 22, 145 Western, 39, 68, 86, 90, 94, 224 (PAHO), 56, 159, 195, 204 Pan American Sanitary Bureau, 151 Fang, Yiji (Fang I-Chi, I. C. Fang), 64, rivalries between, 94 195 WHO. See WHO Farr, William, 3 WHOIC. See WHO, WHOIC Ferrand, Livingston, 55 health systems. See public health and France, 90, 93, 98, 103, 150, 153 policy-making, health systems Paris, 34, 87 Heiser, Victor, 101-4, 107, 123



> Index 257

heredity Darwinism. See Darwin, Charles eugenics, 42, 47, 154 Galton, Francis. See Galton, Francis inbreeding, 47 mice, research conducted upon, 48, 73, 76 reproduction. See statistics, reproductive Hong Kong, 163, 182 Hoover, Herbert, 24, 27 Huang Zefang (Huang Tse-Fang), 64 India, 65, 98, 150, 180 Council of Medical Research, 182 Madras, 182, 198 Medical Service, 96, 98 New Delhi, 157 Indonesia, 98 insecticides, 207 benchmarking. See statistics, statistical practices, benchmarking DDT. See public health and policymaking, health demonstrations and programs, GMEP malaria, prevention of. See disease, malaria Paris Green, 57 International Labor Office, 205 internationalism. See collaboration, international; health organizations, international Italy, 57, 207 Japan, 25, 65, 82, 96–103, 107, 117, 207 League of Nations, withdrawal from, 96 Public Health Institute, 167 Second Sino-Japanese War, 15, 36, 75, 139, 164, 170, 207 Singapore, occupation of, 99 Jin Baoshan (P. Z. King, Chin Pao-Shan), 62-3, 139, 161 Jitta, Josephus, 98 journals and periodicals, 128 American Review of Respiratory Disease, 197 Bulletin of the World Health Organization, 182, 196 Charities and the Commons, 30 Chinese Medical Journal, 125 Chronicle of the World Health Organization, 196

Monthly Bulletin of the Department of Health of the State of New York, 109 Russell's Survey, 112 Statistical Work Bulletin, 211, 214, 216 Survey, 30 Kellogg, Paul, 30 Kingsbury, John, 30, 112-21, 142 Koch, Robert, 32-4 Kual, P. M., 165 League of Nations, 224 establishment of, 78 Health Organization (LNHO), 7, 9-15, 18-22, 25, 30, 34-9 49, 56-8, 111, 129-31, 142-5, 154-60, 171 Eastern Bureau, 84, 99, 104-6, 163, 165, 170 Epidemiological Intelligence and Public Health Statistics Service (the Service), 4, 21, 31, 39, 78-108, 146-50 exchange program. See experts, exchange programs Health Committee, 81, 84–100, 129 statistical standards. See statistics, statistical standards Japan, withdrawal from, 96 Li Jinghan (Lee Ching-Han), 124 Li Tingan (Lee Ting-An), 70 Liang Guangqi (Liang Kuang-Ch'i, K. C. Liang), 184-5, 194-7 Lim, Robert, 73 Lin Jingcheng, 139 Liu Ruiheng (J. Heng Liu), 129-32, 167 Louis, Pierre-Charles Alexandre, 2 Mahler, Halfdan, 181 Mao Zedong, 202, 215-18 Marxism, 78, 210 medical care, 143 birth control, 126, 154, 174 cost of, 112, 124, 151, 189 first aid, 124, 134 health insurance. See public health and policy-making, health insurance hospitals, 115, 123, 132 traditional, 124, 206-8 vaccination. See vaccination Western, 207 medical science bacteriology and bacteriologists, 20, 26, 31-5, 46, 81, 129, 133, 140

Journal of Indian Malariology, 196

Milbank Quarterly Bulletin (Milbank

Memorial Fund Quarterly), 117, 125



258 Index

medical science (cont.) biometry. See statistics, biometry biostatistics. See statistics; epidemiology germ theory, 32 parasitology and parasitologists, 133, pathology and pathologists, 32, 59, 96 physiology and physiologists, 73 research. See public health institutes and universities medical staff, 138, 173, 190 doctors, 63, 91, 103, 124, 169 midwives, 64 nurses, 63, 66, 67, 121, 191 sanitary inspectors, 74 statistical investigators, 138 village health workers, 124, 127, 139 Merrell, Margaret, 55 Methorst, Henri, 89 Mexico, 94 Milbank, Albert, 24, 30, 25-32 Milbank Memorial Fund. See philanthropy, Milbank Memorial Fund missionaries, 35-9, 59

Netherlands, the, 90, 98, 150 Amsterdam, 105 Central Statistical Bureau, 89 Newsholme, Sir Arthur, 25, 60 Nicholls, Lucius, 163 Nicoll Jr., Matthias, 117 North Korea, 206 Korean War, 213–15

Miyajima, Mikinosuke, 96

Mongolia, 206

official data registration

birth, reporting of, 63, 160 burial, permission for, 64–6 census records, 48, 53, 76, 94 civil, 138, 171 clerks, 44, 63, 69, 71, 192 cost of, 114, 115, 135 death certificates, 93, 155, 160, 169 death, reporting of. See statistics, statistical standards, ICD hospital records, 48, 72, 160 hospitals. See medical care, hospitals household, 168

Palmer, Carroll, 198 Park, C. L., 104–6 Parker, Sylvia Louise, 51 Parran, Thomas, 55, 153 Pascua, Marcelino, 56, 158 Pasteur, Louis, 32, 34 Pasteur Institute. See public health institutions and universities, Pasteur Institute Pearl, Raymond, 39, 41-3, 46-52, 60, 71, 86-7,89Pearson, Karl, 20, 39, 47, 57, 86, 115, 210 chi-squared test. See statistics, mathematical, chi-squared test of significance Penington, Alan, 193-4 philanthropy, 2, 9, 174 Association for Improving the Conditions of the Poor (AICP), 30, 112 Charity Association Society, 112 financial and technical support, 17, 22, 27 Golden Age of, 26 Milbank Memorial Fund, 18-21, 25-32, 29, 35-9, 86 health demonstrations and programs. See public health and policy-making, health demonstrations and progams reports to, 127 Rockefeller Foundation, 4, 13, 18, 24, 27-37, 42-6, 50-2, 70-4, 78-9, 83-6, 112, 123, 131 China Medical Board, 33, 70, 72 fellowships, 70, 158, 184 General Education Board, 44 Institute for Medical Research, 24, International Health Board (IHB), 28, 33, 37, 50, 82-8, 99 International Health Commission (IHC), 45International Health Division (IHD), 56-62 PUMC. See public health institutes and universities, PUMC reports to, 55-62, 66, 125-8 Russell Sage Foundation, 30 Tilden Act, 26 YWCA, 59 Pletsch, D. J., 185, 188, 191, 196, 199 Poland, 78, 81, 98 Breslau, 32 independence, 34 Krakow, 34 National Institute of Hygiene, 34 Revolution (1905), 34 Powers, Leland E., 161



Index 259

public health and policy-making, 140, 158, 223–8	Japanese Public Health Institute, 167 Johns Hopkins School of Public
control groups, 57, 119–20, 176, 186	Health (JHSPH), 31–3, 42–4,
crises, 2, 35	59-62, 75-7, 79, 86, 92
fieldwork. See public health and policy-	alumni, 18, 89, 95, 132, 158–60,
making, health demonstrations	170, 184, 196, 202, 208, 214
and programs; statistics, statistical	biostatistics department, 4, 20,
practices, data collection	46–55, 52, 87, 112, 153
global, 1, 173–201, 225	foundation of, 24
health demonstrations and	London School of Hygiene and
programs, 5, 10, 20, 37, 39, 44,	Tropical Medicine, 25, 41
109–42, 173, 194	National Taiwan University, 169
American South, 28	Pasteur Institute (Paris), 25, 34
Bloomberg Initiative to Reduce	Peking Union Medical College
Tobacco Use in Developing	(PUMC), 14, 21, 25, 33, 36, 38,
Countries, 7	42–4, 59–77, 74, 79, 101
Cattaraugus County, NY, 30, 36,	alumni, 18, 111, 124, 180, 184, 202,
115, 123	207
Ding Xian (Ting Hsien), 21, 36, 38,	Royal Institute of Public Health
111, 121–32, 137–42, 219	(London), 34
Framingham, MA, 33, 112	Second Military Medical University,
Global Malaria Eradication Program	215
(GMEP), 174–9, 183–6, <i>187</i>	Shanghai First Medical School, 207,
Hunan, 59	208, 212–15, 219–20
Italy, 57	Shanghai Medical College, 207
Jiangning county, 130, 135, 137–9	Shanghai University of Finance and
Jurong, 138	Economics, 215
Taiwan, 173–5	Taipei Imperial University, 184
Tangshan, 130, 138	University College London, 42, 86
health insurance, 30, 112	University of Columbia, 44
Metropolitan Life Insurance, 113	University of Córdoba, 152
health systems, 4, 7, 14, 17, 32, 53, 62,	University of Maine, 48
101, 107, 110, 124, 129	University of Michigan, 36
International Sanitary Convention, 98,	University of Puerto Rico, 38
147–9, 155	University of Washington, 226
International Sanitary Regulations	Washington and Lee University, 36
(1926), 104	Yale, 25, 120, 122
Medical Research Council (MRC),	Yenching University, 73
41, 182	Puffer, Ruth Rice, 159
nutrition, 31, 39, 140, 174	Putnam, Persis, 28, 56-8
quarantine. See quarantine	
vaccination. See vaccination	quarantine, 98, 100, 149, 163, 223
Wage Earner's Illness, 30	
public health institutes and	Rajchman, Ludwik, 24-5, 79-88, 96-8,
universities	101–8, 130, 146, 152
Academia Sinica, 75, 171	Reed, Lowell J. , 43, 48–57, 60, 71–2,
Bellevue Hospital Medical College,	159
32–3	Reed-Frost model, 54
Central University (Nanjing), 208, 215	Rockefeller, John D., 24, 27, 30
Detroit College of Medicine and	Rockefeller Foundation. See
Surgery, 105	philanthropy, Rockefeller
Fifth Military Medical University, 215	Foundation
Harvard, 41, 70, 92, 207	Roesle, Emile, 89
Institute of Social Medicine (Zagreb),	Rong Qirong (Winston Yung), 161, 164,
131	170
Jagiellonian University, 34	Roosevelt, Franklin D., 27



260

Index Rose, Wickliffe, 45, 61, 82-7

Cambridge University Press & Assessment 978-1-108-84592-2 — Statistics and the Language of Global Health Yi-Tang Lin Index More Information

Rosenfeld, S., 91 questionable, 70, 127, 130, 214 rural health, 20, 113, 219 reproductive Cattaraugus County, NY. See public abortion, 155 health and policy-making, health infant mortality, 80, 92, 135 demonstrations and programs, marriage, 88, 211 Cattaraugus County, NY stillbirth, 89, 95, 155 Ding Xian. See public health and policy-making, health and universities demonstrations and programs, Dingn Xian 181, 197 socialist, 209-15 Tangshan. See public health and policy-making, health demonstrations and programs, 123-7, 140, 150-4 Tangshan benchmarking, 186-94 Russell, Frederick, 28, 56, 61, 72 Russia, 34, 78, 81, 103, 204 and policy-making, control Bolshevik Revolution, 78 Soviet, 34, 150, 166, 202 groups influence on China. See experts, curve-fitting, 48, 47-9, 52, 60, Soviet 223 White, 82, 204 withdrawal from the WHO, 165 Sawyer, Wilbur, 143-4, 148 173 - 201Siam (Thailand), 117 dissemination, 1, 5, 31, 153 Singapore, 104, 170 institutionalization of, 25 Japanese occupation of, 99 Snow, John, 2, 209 176, 183, 197, 225 Soper, Fred, 56 South Africa, 182 208, 212, 215, 219 Spain, 117 107, 158-60, 159, 173-201 statistics Bertillon's list, 93, 148 Big Data, 1, 227

biometry, 41, 47, 52, 59, 87 demographic age, 89, 132 fruit flies, research conducted upon, 48 life expectancy, 62, 226 population, 89 sex, 89, 128, 132 disability-adjusted life year (DALY) index, 226 epidemics. See epidemics health economics, 6, 226 influence on policy-making. See public health and policy-making International Statistical Institute (ISI), 79, 89, 93-4

mathematical

chi-squared test of significance, 57, 72, 115, 120, 220 correlation, 38, 42, 58, 72 probability, 53, 72, 73, 115 sampling, 50, 53, 58, 71, 115, 156, 188, 210, 213

research. See public health institutes selective use of, 10, 17, 20, 22, 69, 118, statistical practices, 9, 17, 63, 66, circulation of, 4, 39, 55, 84-93, 145 control groups. See public health data collection, 1, 5, 10, 20, 30-3, 36, 43, 46, 58, 60, 79, 88, 91, 105-8, 110-12, 122-7, 132-42, language of, 8, 40, 43, 59, 80, 173, manuals and textbooks, 48, 60, 177, statistical standards, 17, 24, 64, 92, 'Chinese list', 63-6, 132 conferences to revise the ICD, 95, 155 'Indian list', 65 International Classification of Diseases (ICD), 3 International List of Causes of Death (ICD), 43, 49, 86, 90, 93-5, 151-8, 169 International Sanitary Regulations (later International Health Regulations), 3 'Japanese list', 65 'Scandinavian list', 90, 95 teaching of, 46-55, 60, 73, 77, 219 technologies, 72 counting and sorting machines, 71, 192 punch-cards, 178-80, 178 trust in, 28, 41, 67, 145, 158, 222

vital and health, 5, 28, 31, 41, 49, 60, 64, 73, 84, 123, 133, 211

official. See offical data registration



> Index 261

birth rates, 2, 44, 53, 63-6, 70, 80-1, 88, 92, 112, 122, 126, 132-9, 168, 211 death rates, 2, 44, 47, 53, 63-71, 80-1, 88, 109, 112-15, 117, 119-23, 126, 132-9, 168, 211, 217 infant mortality. See statistics, reproductive, infant mortality stillbirth. See statistics, reproductive, stillbirth Stouman, Knud (Stowman), 82, 90-3, 147, 162 Swaroop, Satya, 1, 158, 175-8 Sweden, 207 Switzerland, 90, 149 Sydenstricker, Edgar, 21, 30, 35-9, 49, 85-90, 93, 95, 106, 111, 118-24, 142, 155-60 Syria, 180 Taiwan, 13-15, 164, 173-201 Academia Sinica. See public health

institutes and universities, Academia Sinica Chishan, 183-6, 187 Kaoshu, 199 National Taiwan University, 169 Provincial Health Administration, Republic of China (ROC), exiled to, 22, 164, 205 Taipei Tuberculosis Control Center, 184, 191-4, 198 Taiwan Malaria Research Institute (TMRI), 184-91, 194 White Terror, 191 Tao Rongjin (T'ao Jung-Chin), 173, 184, 192 - 7trade

international, 3 maritime, 102, 164 treaty ports. See China, treaty ports War Trade Board, 48 Truman, Harry, 38 Turkey, 82

Ukraine, 81, 204 United Arab Republic, 179 United Kingdom, 90, 92, 95, 98, 103, 150, 153 Liverpool, 105 London, 87, 105 Ministry of Health, 84 United Nations (UN), 144, 202 membership of, 156, 224

Relief and Rehabilitation Administration (UNRRA), 4, 9, 13, 18, 22, 142, 143-72, 224 Epidemiological Information Bureau, 147, 163 Security Council, 15 Social Affairs, 56 Statistical Office, 154 UNICEF, 180, 183, 186, 193 United States of America, 94, 150 American Association for Labor Legislation, 30, 112 Baltimore, 105 Bureau of Tabulation and Statistics, 48 Census Bureau, 53, 94 county health organizations, 45 Food Administration, 47 Immigration Commission, 37 Korean War, 213-15 Maine Agricultural Experiment Station, 47, 51 National Tuberculosis Association, 113 New Deal, 27 New Orleans, 105 New York State, 111, 114-17, 123, 141 Albany, 71 Cattaraugus County. See public health and policy-making, health demonstrations and programs, Cattaraugus County, NY New York, 39, 45, 66, 105, 149 Pittsburgh Survey, 30 Progressive Era, 26-31 Public Health Service (USPHS), 24, 30, 37, 49, 52, 86, 118, 131, 153, 181, 198 Puerto Rico, 37, 181 Social Security Act (9135), 56

Tilden Act, 26 Truman Doctrine, 165 USSR. See Russia, Soviet vaccination, 32, 99, 112, 133, 137, 207 BCG, 12, 58, 91, 179-83, 188, 192 smallpox, 164

Warren, B. S., 37 Watson, Robert, 196 Welch, William, 24-5, 43, 46 Whipple, George, 48 White, Norman, 96-100, 97, 107

wartime, 15 Versailles, Treaty of, 78

Villermé, Louis René, 2

Vietnam, 206



262 Index

Whitney, Miss, 116, 119 Winslow, C. E. A., 25, 120, 142 World Bank, 226 World Health Organization (WHO), 1, 4, 7-13, 17-22, 75, 80, 143-72, 159, 173-201, 178, 224-6 Alma-Ata Declaration, 201, 203 Bulletin. See journals and periodicals, Bulletin of the World Health Organization China, withdrawal from, 202-6 Committee on Epidemiology and Quarantine, 150, 163 Eastern Mediterranean Regional Office, 157 Expert Committee on Health Statistics, 155-60 Expert Committee on Malaria, 177, 179, 194, 199 Expert Committee on Tuberculosis, 182 foundation of, 145, 164 ICD centers, 156, 157 Interim Commission (WHOIC), 144, 148-55 Division of Epidemiology and Health Statistics, 158

membership fee, 167, 204
Regional Office for the Americas, 157
Soviet Russia, withdrawal from, 165
Tuberculosis Research Office, 180
Western Pacific Regional Office, 160, 170, 195, 198
World Health Assembly (1948), 155, 180
World Health Assembly (1952), 109
World Health Assembly (1969), 179
Wu Liande (Wu Lien-Teh), 105

Xu Shijin (Hsu Shih-Chin), 65, 127, 132–9, 208, 211, 218–22 Xue Zhongsan, 214–15, 222

Yang Guoliang, 212 Yen, James, 121–2, 127–9, 142 Young, Edward B. (Yang Tingguang, Yang Ting-Kwong), 105 Yuan Shikai, 59 Yuan Yijin (Yüan I-Chin, I. C. Yuan), 21, 43, 71–6, 164, 171, 180 Yugoslavia, 153

Zeiner-Henriksen, Truls, 179 Zhu De, 214