

# Index

---

## A

Adminduk (Administrasi Kependudukan), 60  
*Aedes aegypti* (mosquito), 11, 223, 227–237  
aged and ageing, 180n11, 183, 185, 190  
  COVID-19 mortality, 115  
Alma Ata declaration, 41  
amlodipine, 92, 102, 103, 104  
amoxicillin, 97, 104  
anaesthesiologists, 75  
anatomical pathologists, 78  
antenatal care, 18, 136, 137–138, 139, 149, 153, 156–157  
  *see also* maternal health  
'anti-communist' killings, 3  
Arya, Bima, 48  
ascariasis, 222  
Asian financial crisis, 20, 42, 44, 45  
Askes health insurance scheme, 5, 44  
assistive devices, 26, 186  
Australia  
  dengue control, 231  
  foreign health investment, 82, 83  
Australian aid program, 173  
Australian Office of the Gene Technology Regulator, 231  
avian influenza, 49, 50

## B

Bali: maternal mortality, 151  
Balinese culture, 118, 127  
Bandung: dengue, 224

Banglitbangkes, 209, 218  
Bantul district, 226, 230, 231, 232, 233, 236  
Bidan Desa (midwife training), 149  
Bipolar Care Indonesia, 204, 211–212  
birth certificates, 189  
blindness, 186  
blood pressure, 84, 92, 153  
  *see also* hypertension  
BP Jamsostek, 45  
BPJS-K (Healthcare and Social Security Agency)  
  administers JKN, 5–6, 27, 44, 73, 89  
  costs management, 90  
  COVID-19 expenses, 20  
  establishment, 45  
  information systems, 26  
  membership, 5–6, 84  
  non-medical expenses, 23  
  payment delays, 95  
  premiums, 33, 52, 89  
  private hospitals, 23, 81, 85  
  role, 34  
  *see also* JKN (National Health Insurance)  
BPNT (non-cash food subsidies), 194  
BPS (Statistics Indonesia): 2020 Census, 59–70  
Brazil  
  dengue control, 231  
  health expenditure, 22  
British Virgin Islands: foreign health investment, 83

Brunei: maternal mortality, 151  
bubonic plague, 214

## C

Cambodia: maternal mortality, 9  
cancer, 4, 6, 22, 71  
cancer surgeons, 24, 25, 75  
cardiovascular disease, 4, 6, 22, 71  
censuses  
    2010 Population Census, 176, 179, 197–200  
    2020 Population Census, 7–8, 59–70, 218  
    British administration, 57–58  
    COVID-19 disruptions, 7, 57, 60–62, 69  
    data availability, 57  
    Dutch administration, 58  
    history, 57–59  
    importance, 7, 56  
    Indonesian administration, 59  
    Post Enumeration Survey, 69  
children  
    in census counts, 57  
    child health, 4, 9  
    child labour, 192, 193  
    child marriage, 189  
    COVID-19 health disruptions, 18  
    disability prevalence, 175  
    growth monitoring, 138–139, 140  
    health insurance, 189–191  
    in households with disability, 192–193  
    immunisation, 22, 28, 34, 136, 138–139  
    smoking, 46  
    stunting, 4, 21, 28, 140  
China  
    fertility rates, 65  
    foreign health investment, 82, 83  
    health expenditure, 22  
cholesterol, 84  
chronic health conditions, 115, 116  
    *see also by name of condition*; non-communicable diseases  
cigarette smoking, 22, 34, 46–48, 84  
cigarette taxes, 34, 89

ciprofloxacin, 92  
Cipta Kerja (omnibus law), 83  
clinical pathologists, 75  
Community Health Insurance, 44  
conditional cash transfers (PKH), 194  
constitution amendments, R2H, 37  
contraception, 136, 153  
Council of Indonesian Ulama (MUI), 48  
COVID-19  
    amplifies health inequities, 113, 114–117, 133  
    cases, Indonesia, 3, 18, 19, 132–133, 213  
    cases, worldwide, 132  
    census disruptions, 7, 57, 60–62, 69  
    deaths, Indonesia, 3, 18, 19, 115, 133, 213  
    deaths, worldwide, 132  
    dengue impacts, 223  
    economic impacts, 17, 18, 29, 30, 33  
    emergence, 2, 60  
    epicentre, 3, 50, 133  
    government expenditure, 20  
    government management, 50, 51–52  
    health services disruptions, 9, 12, 18, 89, 134, 139–140, 143, 207  
    health system pressures, 6–7, 132, 133  
    income pressures, 134  
    lockdown policies, 18, 20, 22, 50, 52, 116, 134, 213  
    mental health, 11, 213–214  
    Our World in Data repository, 135  
    pregnancy rates, 136–137  
    and smoking, 46  
    vaccinations, 29, 30, 52, 132

## D

decentralisation of health system, 6, 28, 72, 73, 76, 141  
demonstrations (activism), 46  
dengue  
    cases, Indonesia, 224, 226  
    cases, worldwide, 222  
    control strategies, 11, 224–225  
    disease burden, Indonesia, 4, 224

- disease burden, worldwide, 222–223  
 economic burden, 223, 224  
 mortality, Indonesia, 224  
 reporting system, 227  
 risk factors, 223, 226–227  
 seasonality, 226  
 surveillance system, 226, 227  
 symptoms, 223  
*see also* World Mosquito Program  
 Yogyakarta
- Denpasar: dengue, 224
- dentists, 23, 75, 79
- depressive disorders, 205, 209–210
- Desa Siaga Sehat Jiwa (mental health programming), 216, 217
- diabetes, 4, 22, 71, 84
- diphtheria, 49
- Directorate of Mental Health and  
 Illegal Drugs, 205, 217
- disability  
 access to services, 187–191  
 assistive devices, 186  
 causes, 183–185  
 data sources, 10, 176–178, 195,  
 197–200  
 definition, 172–176  
 and education, 187–188, 192  
 and employment, 188, 189  
 environmental barriers, 173–174  
 eradicating discrimination, 173  
 family impacts, 191–194  
 health status for PWD, 189–190  
 household expenditure, 192–193  
 measuring, 173–176  
 prevalence, 10, 173, 178–183  
 prevention and support, 194–195  
 and schools, 187–188, 192  
 types, 183, 184
- disadvantaged communities  
 health services access, 115, 116,  
 117–118  
*see also* disability; rural and remote  
 access to services; transgender  
 people
- diseases, *see by name of disease*;  
 infectious diseases; non-  
 communicable diseases
- District Health Information Software  
 database, 134–135
- doctors, 23, 75, 79, 140, 141, 142, 206
- Drosophila melanogaster* (fruit fly), 227,  
 228
- E**
- East Java: oncologists, 24
- East Nusa Tenggara  
 hospitals, 23, 33  
 malaria, 22  
 maternal health, 10, 157–159,  
 162–169  
 maternal mortality, 150, 151, 159
- Ebola, 134, 143
- economic growth, 26, 29–30
- elderly population, *see* aged and  
 ageing
- Eliminate Dengue Project Yogyakarta,  
*see* World Mosquito Program  
 Yogyakarta
- Emotional Health for All, 212
- environmental health officers, 79
- epidemiologic transition, 1–2
- F**
- Family Card (Kartu Keluarga), 62
- family planning services, 18, 68, 150
- Fathalla, Mahmoud, 148
- fertility rates, 63–65
- Framework Convention on Tobacco  
 Control, 47
- fuel subsidy cuts, 44, 45
- furosemide, 98
- G**
- General Directorate of Health  
 Workforce, 76
- general practitioners (GPs), *see* doctors
- generic medicines, 91–92
- geographical isolation and health  
 services, *see* rural and remote  
 access to health services
- Global Burden of Disease Study, 4
- Google searches, 214
- Gorontalo: maternal mortality, 151

government debt, 20, 21, 30  
 government revenue, 20  
*see also* tax revenue  
 GP Farmasi, 93  
 gross domestic product (GDP), 20, 21,  
 26, 27  
 gynaecologists, 75

## H

haemorrhage, 153  
 Haloperidol, 202  
 Healthcare and Social Insurance  
 Agency, *see* BPJS-K (Healthcare  
 and Social Security Agency)  
 health data  
 disability, 176–178, 195, 197–200  
 mental health, 208–211  
 quality and quantity, 26, 57, 141  
*see also* censuses  
 health expenditure, 5, 20, 26, 30, 31,  
 81–82, 141, 143, 208  
 health facilities  
 maternity, 149–150, 157–161,  
 166–167  
 numbers and distribution, 5, 73–74  
 private investment, 23  
 quality, 166–167  
 status pre COVID-19, 22–23  
 Yogyakarta, 225–226  
*see also* hospitals; *puskesmas*; rural  
 and remote access to services  
 health indicators, 1, 21–22, 84  
 health insurance  
 history, 43–46  
*see also* JKN (National Health  
 Insurance)  
 Health Insurance for Poor  
 Communities (Askeskin), 44  
 health policy  
 fiscal packages, 21, 22  
 influencers, 39–41  
 marginalised people, 119, 121–122,  
 126  
 medicine procurement, 91–92  
 organised labour and farmers'  
 influence, 41

politicians' influence, 7, 40–41, 45,  
 48  
 popular and populist influence, 38,  
 41, 42, 43, 48, 51–52  
 power relations, 38, 51–52  
 predatory elites' influence, 7, 38–51  
 private investment, 18, 33–34  
 progressives' influence, 7, 38, 40, 41,  
 42, 45, 48, 51–52  
 rural–urban inequities, 71–72, 78,  
 84, 85  
 technocrats' influence, 7, 38, 39, 41,  
 42, 45, 48, 51–52  
 uneven reform, 38, 43, 51–52  
 WHO requirements, 40  
*see also* International Health  
 Regulations  
 Health Safety Net for Poor Families  
 (JPS-Gakin), 44  
 health security, 49–50, 52  
 health services  
 acceptability, 113  
 affordability, 113  
 availability, 113  
 emergency responsiveness, 143  
 medicines, 95–99  
 moral pathology, 119, 126  
 preventive services, 23, 27, 34  
 risk discourse, 119, 126, 127  
 utilisation, 121  
 health services access  
 COVID-19 amplifies inequities, 113,  
 114–117  
 as human right, 113  
 inequities, 2–3, 9, 11–12, 89, 113–128,  
 140–141, 158  
 intersectionality analysis, 9, 114,  
 117, 123–127  
 to medical specialists, 71–85  
 mental health, 10–11, 210–211  
 people with disability, 187–191  
 power asymmetries, 125  
*see also* rural and remote access to  
 health services  
 health system  
 digitisation, 33  
 financing, 26–28, 31

- foreign investment, 82–84, 85
  - governance, 72–73, 76–78, 141, 144
  - private investment, 8, 23, 81–82, 84, 85
  - referral system, 72–73
  - resilience, 31
  - stakeholders, 76–78
  - transformation, 17, 30–34
  - vulnerabilities, 5–8
  - see also* BPJS-K (Healthcare and Social Security Agency); JKN (National Health Insurance)
  - health transition, 1–4, 11–12
  - health workers
    - diverted to COVID-19 response, 140
    - foreign nationals, 84
    - human resources, 23–25, 31
    - maternal care, 157–161, 162, 166, 167
    - medicine procurement, 99
    - mental health, 205–206, 208, 209, 212, 213, 215
    - numbers and distribution, 5, 6, 79, 140–141
    - production of specialists, 75, 78–79, 84
    - see also by name of health professional, e.g. medical specialists; nurses*
  - hearing aids, 186
  - heart disease, 4, 6, 22, 71
  - helminthiases, 223
  - hepatitis B, 224
  - HIV/AIDS
    - emergence, 2, 49
    - health services, 9, 114, 118–121, 125
    - stigma and discrimination, 119, 127
  - hookworm, 222
  - hospitals
    - distribution and access, 23, 31
    - foreign investment, 82–84, 85
    - insurance claims, 28
    - mental health care, 205, 206
    - numbers, 24, 33, 74
    - private hospitals, 79–82
    - public hospitals, 79–82, 85
    - teaching hospitals, 75, 78
    - types, 75
  - human resources for health, *see* health workers
  - hypertension, 22
    - see also* blood pressure
- |
- Ibunda mental health service, 212
  - identity cards, 215
  - immunisation, 22, 28, 34, 136, 138–139
  - India: maternal mortality, 9
  - Indonesia Demographic and Health Survey, 150, 151
  - Indonesia Family Life Survey, 178, 179, 197–200, 210
  - Indonesian Cigarette Manufacturers Association, 47
  - Indonesian Democratic Party of Struggle (PDI-P), 88
  - Indonesian Medical Association, 40, 76
  - Indonesian Medical Council, 77
  - Indonesian Press Council, 212
  - Indonesian Psychiatric Association, 213
  - Indonesian Public Health Association, 40
  - Indonesian Schizophrenia Support Community, 211
  - infant mortality, 1, 133, 143, 150
  - infectious diseases, 2, 3, 4, 6, 20, 21, 49
    - see also by name of disease*
  - INN generic medicines, 92
  - International Classification of Functioning, Disability and Health, 174
  - International Health Regulations, 49–50
  - interns, 75, 78
  - intersectionality analysis of health services, 9, 114, 117, 123–127
  - Into the Light Indonesia, 212

**J**

- Jakarta
  - dengue, 224
  - hospital beds, 23
  - maternal mortality, 151
  - oncologists, 24
- Jakarta Health Card (KJS), 46, 88
- Jaminan pension, 194
- Jamkesda (Local Health Insurance for the Poor), 5
- Jamkesmas (National Health Insurance for the Poor and Near Poor), 5, 44, 159
- Jampersal (Maternity Health Insurance), 159
- Jamsostek (Workers' Social Insurance scheme), 5, 44, 45
- Japan
  - fertility rates, 65
  - foreign health investment, 83
- Java: maternal mortality, 151
- JKN (National Health Insurance)
  - benefits, 6, 24, 34
  - deficits, 6, 27–28, 52, 89–90, 105–106
  - establishment, 5–6, 23, 26–27, 44–46, 73–74, 88–89, 114, 189
  - health system structure, 91
  - medicine policy and prices, 8, 89–90, 106
  - mental health cover, 204, 206, 208, 211, 215
  - private hospitals, 81
  - use by people with disability, 188, 189–191
  - see also* BPJS-K (Healthcare and Social Security Agency)

**K**

- kader jiwa* (mental health advocates), 206, 207, 209, 217
- Kartu Keluarga (Family Card), 62
- Kebumen mental health model, 214–216, 217
- kidney disease, 4, 6
- Kopigawa (mental health support group), 216

**L**

- legislation
  - Law No. 9/1960 on Basic Health, 88
  - Law No. 3/1966 on Mental Health, 207
  - Law No. 4/1984 on Infectious Disease Outbreaks, 20
  - Law No. 23/1992 on Health, 42
  - Law No. 40/2004 on a National Social Security System, 45
  - Law No. 36/2009 on Health, 37, 46, 47, 48
  - Law No. 18/2014 on Mental Health, 207
  - Law No. 8/2016 on Disability, 10, 173, 195
  - Law No. 15/2018 on Health Insurance, 215
  - Law No. 2/2020 on State Financial Policy and Financial System Stability for Handling the COVID-19 Pandemic, 20
  - Law No. 11/2020 on Job Creation, 83
- Medical Practice Law No. 29/2004, 79
- Ministry of Finance Regulation No. 7/2021 on Regional Fiscal Capacity, 28
- Ministry of Health Regulation No. 1501/2010 on Communicable Diseases, 224
- Ministry of Health Regulation No. 54/2017, 207
- Ministry of Health Regulation No. 30/2019 on Hospital Classification and Licensing, 75
- Ministry of Health Regulation No. 13/2022 about the Strategic Plan of the Ministry of Health 2020–2024, 17, 30
- omnibus law (Cipta Kerja), 83
- Presidential Regulation No. 44/2016 on Lists of Business Fields, 82, 83
- Presidential Regulation No. 39/2019, 59

- Presidential Regulation No. 54/2020, 61  
 Presidential Regulation No. 10/2021 on Investment Sectors, 83  
 Presidential Regulation No. 47/2021 on Administration of the Hospital Sector, 84  
 leprosy, 22, 222, 223  
 life expectancy, 1, 3, 4, 68–69
- M**
- Mahar, Dr, 216  
 malaria, 21–22, 34, 227  
 Malaysia  
   doctors, 140  
   foreign health investment, 83  
   health expenditure, 22, 141  
   maternal mortality, 9, 151  
   neonatal mortality, 133  
   nurses, 140  
 Maluku: hospitals, 33  
 marginalised people  
   health services access, 115, 116, 117, 124, 126  
   health services advocacy, 125  
   *see also* transgender people  
 maternal health  
   antenatal care, 18, 136, 137–138, 139, 149, 153, 156–157  
   community involvement, 168, 169  
   COVID-19 disruptions, 9, 18, 139–140  
   definition, 148  
   facility births, 136, 137–138, 139  
   government programs, 149–150, *see also* Revolusi KIA  
   health facilities, 149–150, 157–161, 166–167  
   improvements to, 4  
   postnatal care, 136, 138, 139  
   services quality, 169  
   Sustainable Development Goals, 149  
   three delays model, 164–169  
   workforce, 157–161, 162, 166, 167  
 maternal mortality  
   causes of deaths, 153, 154–155  
   COVID-19 impacts, 143  
   factors influencing, 151–153  
   Indonesia, 9–10, 21, 28, 133, 149, 150–153, 159  
   Southeast Asia, 151  
   WHO definition, 150–151  
 Mbah Marsiyono mental health home, 202, 214–216  
 measles, 49  
 medical devices, 26  
 medical schools, 75, 77, 78, 84  
 Medical Specialist Association, 76  
 medical specialist colleges, 77  
 medical specialists, 8, 24, 71–85  
 medicines  
   auction system, 92, 93  
   branded generics, 91–92, 102, 103  
   civil service management, 99  
   e-catalogue, 92–96  
   expiry dates, 97  
   health care providers, 95–99  
   imports, 26  
   INN generics, 92, 95, 102, 103  
   maximum retail price, 91–92, 93, 96  
   mental health, 202, 211  
   patient preferences, 103–104  
   policies and regulation, 6, 8, 91–92, 106  
   price controls history, 91–92  
   prices, 8, 89–90, 102–104, 105  
   producers and distributors, 93–95  
   profits, maximising, 100–102, 105  
   quality, 105  
   sales incentives, 100–101  
   transport costs, 94  
   unethical prescriptions, 98–99, 100–101
- men  
   disability incidence, 185  
   smoking, 46  
 mental health  
   access to services, 10–11, 210–211  
   budget allocation, 208  
   case study: Ahmed, 202, 214, 216  
   case study: Aisyah, 203–204, 216–217  
   COVID-19 exacerbates, 11, 213–214  
   data sources, 208–210, 217, 218

diagnostic assessment tools, 209–210  
 disease burden, 201  
 Google searches, 214  
 legislation, 207, 218  
 medication costs, 211  
 online support systems, 217  
 reform priorities, 218  
 rehabilitation, 216  
 reporting systems, 208–210  
 stigma, 203, 204, 210, 211, 212, 417  
 treatment pathways, 206–207  
 Mental Health Atlas, WHO, 208, 218  
 mental health care system, 205–207, 217–218  
 mental health organisations, 204, 211–213  
 Mexico: health expenditure, 22  
 midwives, 79, 101, 140, 141, 149  
   *see also* traditional birth attendants  
 Millennium Development Goals, 149  
 Mini International Neuropsychiatric Interview (MINI), 209–210  
 Ministry of Administrative and Bureaucratic Reform, 76  
 Ministry of Agriculture, 235  
 Ministry of Education, Culture, Research and Technology, 76  
 Ministry of Finance, 34, 76  
 Ministry of Health, 26, 72, 235  
 Ministry of Internal Affairs, 76  
 Ministry of Research, Technology and Higher Education, 235  
 Ministry of Social Welfare, 208  
 MNCH (maternal, neonatal and child health), *see* children; infant mortality; maternal health  
 moonlighting, 80  
 mortality rates, *see* COVID-19; maternal mortality; infant mortality  
 mosquitoes, 11, 223, 227–237  
 Muhammadiyah, 48

## N

Nahdlatul Ulama, 48, 232  
 National Center for Mental Health, 207, 217  
 National Civil Service Agency, 76  
 National Economic Recovery Program, 20, 30  
 National Health Insurance, *see* JKN (National Health Insurance)  
 National Health Strategy 2021–2024, 31  
 National Strategy for Dengue Control 2021–2025, 225  
 neglected tropical diseases, *see* dengue  
 neonatal care, 136, 138, 139  
 neonatal mortality, 1, 133, 143, 150  
 neonatologists, 75  
 Netherlands: foreign health investment, 83  
 neurosurgeons, 75  
 New Order  
   fall of, 37, 38, 42, 51  
   health insurance, 43–44  
   health policies, 4, 7, 41–42  
   health security, 49  
   tobacco control, 46  
 Nilam, Jessica, 212  
 non-cash food subsidies (BPNT), 194  
 non-communicable diseases, 2, 3, 4, 6, 22, 28, 33, 71, 84  
   *see also* cigarette smoking  
 nurses, 23, 79, 101, 140  
   mental health, 205, 209, 213, 215  
 nutrition, 4  
 nutrition indicators, 150  
 nutritionists, 79

## O

obesity, 84  
 obstetricians, 75  
 older adults, *see* aged and ageing  
 omnibus law (Cipta Kerja), 83  
 Omran, Abdel, 2  
 oncologists, 24, 25, 75  
 One Data (Satu Data), 59, 62, 63  
 O'Neill, Scott L., 227



Onie, Sandersan, 212  
 Our World in Data repository, 135  
 ovitrap index, 227

## P

paediatricians, 75  
 Panti Sosial Dosaraso (residential care facility), 216  
 Papua  
     doctors, 141  
     hospitals, 33  
     malaria, 22  
 paracetamol, 93  
*pasung* (shackling), 202, 203, 207, 209, 214, 215  
 pathologists, 75, 78  
 patriarchal family structure, 165  
 pertussis (whooping cough), 49  
 Pharmaceutical Manufacturers Association, 93  
 pharmacies, *see* medicines  
 Philippines  
     doctors, 140  
     health expenditure, 5, 22, 141  
     maternal mortality, 9, 151  
     nurses, 140  
 physicians, *see* doctors  
 PKH (conditional cash transfers), 194  
 polio, 49  
 population age structure, 64–66  
 population growth rates, 63  
 population, Indonesia, 63  
     *see also* censuses  
 postnatal care, 136, 138, 139  
*posyandu*, 150  
 poverty  
     and access to health services, 116  
     and disability, 191–192  
 preconditions for health, 42, 43  
 pregnancy rates during COVID-19, 136–137  
 primary health care, 31, 72–73  
 ‘productivist’ model of social welfare, 43–44  
 prosthetics, 186  
 psychiatrists, 205, 209, 212, 215  
 psychological distress, 205, 210

psychologists, 205, 209, 212, 213  
 PT Asabri, 45  
 PT Askes, 45  
 PT Jamsostek, 45  
 PT Taspen, 45  
 public health  
     development of, 56–57  
     MMR as indicator, 133, 150, 151  
     public health officers, 79  
     public health professionals, 23  
     Public Procurement Policy Board (LKPP), 92, 95  
 pulmonary disease, 71  
*puskesmas*  
     dengue management, 227  
     health system role, 23, 31, 73  
     maternal health care, 162  
     mental health care, 205, 206, 207, 214–215  
     numbers and distribution, 75, 141, 150

## R

R2H (right to health), 37–52  
     definition, 37n1  
     government failures, 38  
     preconditions for health, 42, 43  
     *see also* health policy  
 rabies, 223  
 radiologists, 75  
 Raffles, Thomas Stamford, 56, 57  
 Rahasia Gadis (A Girl’s Secret), 212  
 reading glasses, 186  
 recession, 20  
 rehabilitation specialists, 78  
 Revolusi KIA, 162–163, 166, 168  
 right to health (R2H), *see* R2H (right to health)  
 Riliv mental health service, 212  
 Riskesdas, 179–180, 202–203, 210  
 Rumah Tunggu (maternity waiting house program), 157–158, 162  
 rural and remote access to health services, 5, 23, 28, 71, 72–74, 78, 84–85, 115, 140–141, 157, 166, 168, 210

**S**

- Safe Motherhood Initiative, 148, 149  
 Sakernas, 177–178, 179, 197–200  
 SARS, 49  
 Satu Data (One Data), 59, 62, 63  
 schistosomiasis, 222  
 schizophrenia, 211  
 screening programs, 33  
 Selaras Jiwa (mental health support group), 216  
 Self-Report Questionnaire 20, 210  
 Seychelles: foreign health investment, 83  
 shackling, *see pasung* (shackling)  
 Sian, Tshui, 214, 216  
 Siau, Benny Prawira, 212  
 Sierra Leone: Ebola, 143  
 Simkeswa reporting system, 208  
 Singapore  
   fertility rates, 65  
   foreign health investment, 82, 83  
   neonatal mortality, 133  
 Slamet, Mas, 216  
 Sleman district, 226, 230, 231, 233, 236  
 Smart Indonesia Program (PIP), 187  
 smoking, 22, 34, 46–48, 84  
 social determinants of health  
   framework, 125  
 Social Safety Net – Health scheme (JPS-BK), 44  
 social security, 44–45, 193–194  
   *see also* JKN (National Health Insurance)  
 social welfare ‘productivist’ model, 43–44  
 social workers, 205, 208  
 socioeconomic determinants of health  
   services, 116  
 spectacles, 186  
 State Revenue and Expenditure Budget, 20  
 Statistics Indonesia (BPS) census, 59–70  
 structural determinants of health  
   services, 125, 126  
 stunting, 4, 21, 28, 140  
 Suharto (former president), 37  
 Suharyanto (head of BPS), 61  
 suicide, 204–205, 209, 212, 214, 216–217  
 Sukarnoputri, Megawati, 88  
 Supartini, Ninik, 216  
 Supas (intercensal survey), 151  
 surgeons, 75, 78  
 survivorship (life expectancy), 1, 3, 4, 68–69  
 Susenas, 89, 176–177, 178–179, 183, 197–200  
 Sustainable Development Goals, 149  
 Swaperiksa, 213

**T**

- tagana* (mental health volunteers), 215, 217  
 tax revenue, 20, 26, 27, 30, 33, 34  
 teaching hospitals, 75, 78  
 telemedicine, 33, 143  
 tetanus, 49  
 Thabrany, Hasbullah, 45  
 Thailand  
   doctors, 140  
   fertility rates, 65  
   health expenditure, 5, 22, 141  
   maternal mortality, 9, 151  
 three delays model (maternal health), 164–168  
 tobacco companies, 47–48  
 tobacco control, 46–48  
 tobacco-related diseases, 46  
 trachoma, 222  
 trade unions, 46  
 traditional birth attendants, 149, 157–162  
   *see also* midwives  
 transgender people, 114, 122, 123, 126  
   case study: Asana, 118–126  
   case study: Vivi, 120–124  
 tuberculosis, 21, 34, 49, 224

## U

- Ubah Stigma mental health service, 212
- United Nations Convention on the Rights of Persons with Disabilities, 10, 173
- universal health care, WHO definition, 27
- universal health cover, *see* JKN (National Health Insurance)
- upper respiratory tract infections, 224
- urban access to health services, 28, 71, 72–74, 84, 115, 140–141, 158
- Utomo, Bagus, 211

## V

- vaccinations, COVID-19, 29, 30, 52, 132
- veterans' pension, 194
- Vietnam
  - dengue control, 231
  - doctors, 140
  - health expenditure, 5, 22
  - maternal mortality, 9, 151
- Village Potential (Potensi Desa), 89
- vitamin A supplements, 18

## W

- Washington Group on Disability Statistics, 175–176, 177
- West Kalimantan: oncologists, 24
- West Papua: malaria, 22
- wheelchair use, 174
- White Cigarette Producers Association (GAPRINDO), 47
- whooping cough (pertussis), 49
- Widodo, Joko (Jokowi), 12, 45–46, 59, 88
- Winasa, I Gede, 45
- Wolbachia* bacteria, 11, 223, 227–237
- women
  - caregiver role, 192, 193
  - decision-making by, 164–166, 169
  - disability incidence, 185
  - disability and marriage, 189

- health support groups, 212
- smoking, 46
- valuing, 148
  - see also* maternal health
- World Bipolar Day, 212
- World Health Organization
  - dengue control, 231
  - MMR definition, 150–151
  - right to health, 40
- World Mosquito Program Yogyakarta
  - community engagement, 232–234
  - lessons learned, 235, 237
  - overview, 11, 227–228
  - risk assessment, 230–231
  - stakeholder engagement, 233–235, 236
  - study designs, 231
  - study phases, 228

## Y

- Yogyakarta
  - city status, 225–226
  - maternal mortality, 150
- Yudhoyono, Susilo Bambang, 45