

## Name Index

Entries in bold typeface indicate figures or tables.

- Abma, Joyce C., 90  
 Albert, Nora G., **321**  
 Andreev, E. M., 211  
 Arias, Elizabeth, 173, **197**  
 Ashford Lori S., 213  
 Augustus, Emperor of Rome, 392
- Bachi, R., 293  
 Bachmeier, James D., 257  
 Bacon, Francis, 17  
 Balarajan, Meera, 256  
 Baraka, J. L., 410  
 Baulieu, Etienne-Emile, 161  
 Baumle, Amanda K., 42  
 Bean, Frank D., 257, 261  
 Benjamin, Harry, 275  
 Billari, Francesco C., 79  
 Billings, Evelyn, 145  
 Billings, John, 145  
 Blake, Judith, 74–75  
 Blank, Hanne, 111, 117  
 Blumenbach, Johann, 315  
 Bogue, Donald J.  
   and age and sex structure, 280  
   and global mortality trends, 186  
   and migration measurements, 222  
   and theories of internal migration, 29  
   on Malthus, 21  
 Bongaarts, John, 75–77  
 Boserup, Ester, 422–423  
 Boswell, James, 124  
 Bouvier, Leon F.  
   and international migration, 263  
   and population changes, US, 359  
   and the popularity of migration, 216  
   and world population conferences,  
   389  
 Boyd, Nan Alamilla, 45  
 Brimelow, Peter, 255
- Brown, Susan K., 257, 261, 385  
 Brucker, H., 257  
 Bryan, Thomas, 50  
 Buchanan, Patrick, 255  
 Burnett, Kristin D., 42  
 Bush, George W. (US president), 390, 391,  
 410
- Cai, Yong, 398  
 Caldwell, John C., 26, 180  
 Calment, Jeanne Louise, 166  
 Cameron, Geoffrey, 256  
 Campbell, Martha, 125  
 Carey, James R., 211  
 Carlson, Elwood, 309, 308–311  
 Carnes, Bruce, 211  
 Carrier, N. H., 293  
 Chang, Yu-Ting  
   and family groups, 120  
   and heterosexuality, 116  
   and homosexuality, 113, 114, 117  
   and same-sex households, 44  
   and same-sex partners, 118  
   and sexuality, 110  
 Cleland, John, 47  
 Clinton, Bill (US president), 390  
 Coale, Ansley, 282–283, 343  
 Cohen, Joel, 346  
 Cohen, Susan A., 130  
 Cohn, D'Vera, 262, 263  
 Colby, Sandra L., 356, 357  
 Coleman, David A., 25  
 Comte, Auguste, 15, 423  
 Conde, Eugenia, 12  
 Condorcet, Marquis de, 21  
 Cooley, Charles Horton, 427  
 Coontz, Stephanie, 95, 97–98, 99  
 Copen, Casey E., 103  
 Couzin-Frankel, Jennifer, 212

**501 Name Index**

- Crosby, Alfred W., 183  
 Curran, Daniel J., 271  
 Curtin, Sally C., 88
- Daniels, Kimberly  
   and cohabitation, 103  
   and contraceptive use in US, 131, 132, 133
- Darwin, Charles, 21  
 Davis, Georgiann, 273, 276  
 Davis, Kinglsey  
   and demographic transition theory, 23  
   and variables that influence fertility, 74–75
- Davis, Mary Ann, 200  
 de Crevecoeur, J. Hector St. John, 324  
 Demeny, Paul, 283  
 Deng Xiaoping, 232  
 DeSalvo, Bethany, 12  
 Devi, Rajo, 64  
 Djerassi, Carl, 151  
 Du Bois, W. E. B., 326  
 Durand, Jorge, 252  
 Durkheim, Émile, 19, 370, 423
- Eberstadt, Nicholas, 80  
 Edin, Kathryn, 108  
 Ehrlich, Paul R., 342  
 Eig, Johathan, 151  
 Elbe, Lili, 274  
 Ellis, Renee R., 90  
 Ennis, Sharon R., 321  
 Espenshade, Thomas J., 410  
 Euler, Leonhard, 177  
 Eversley, D. E. C., 20
- Faber, Carol S., 220, 224  
 Falloppio, Gabriele, 147  
 Fossett, Mark, 365  
 Franklin, Benjamin, 329, 420  
 Freedman, Mary Anne, 47  
 Fricke, Tom E., 96  
 Friedman, Thomas L., 389, 424  
 Fries, James F., 211
- Gagnon, John G., 111  
 Gardner, Robert W., 171  
 Garreau, Joel, 371  
 Gates, Gary J., 276  
 Gelbspan, Ross, 421  
 Giddens, Anthony, 424  
 Glass, David V., 21  
 Glazer, Nathan, 324  
 Godwin, William, 21  
 Goldin, Ian, 256  
 Gordon, Milton, 323  
 Gottman, Jean, 380  
 Graunt, John, 48, 177–178  
 Greenhalgh, Susan, 93
- Guest, Avery M., 385  
 Guillard, Achille, 3  
 Guillot, Michel, 17
- Hackenbergh, Robert, 28  
 Hagewen, Kellie, J., 360  
 Hamilton, Brady E., 85  
 Haub, Carl, 332–333  
 Hauser, Philip M., 200  
 Hawley, Amos H., 281, 421  
 Hawthorne, Melanie, 267  
 Healy, Bernadine, 204  
 Henry, Louis, 282  
 Hessel, Lasse, 147  
 Heuveline, Patrick, 17  
 Himes, Norman  
   and contraception use, 123  
   and names for condoms, 147
- Hogan, Dennis P., 27  
 Hoyert, Donna L., 195  
 Huber, G. A., 410  
 Hummer, Robert A., 200, 214
- Iceland, John, 101, 408  
 Ihrke, David K., 220, 224
- Jacobsen, Linda A., 319  
 James, Patricia, 20  
 Jdanov, D. A., 211  
 Jenner, Caitlyn (Bruce), 275  
 Jensen, Eric, 363  
 Joan of Arc, 272–273  
 Johnson, Lyndon (US president), 408  
 Johnson, Niall, 181  
 Johnson, Steven, 181  
 Jones, Jo, 131, 132, 133  
 Jorgenson, Christine, 274  
 Jutte, Robert, 124
- Kalben, Barbara Blatt, 280  
 Keeley, Charles B., 414  
 Kefalas, Maria, 108  
 Kertzer, David I., 27  
 Keyfitz, Nathan  
   and population policy of China, 397  
   and Taeuber paradox, 214, 361
- Khaldun, Ibn, 19  
 King, Barbara J., 277  
 Kinsey, Alfred, 111, 275  
 Kitagawa, Evelyn, 200  
 Knaus, Herman, 142  
 Knodel, John, 283  
 Koerber, Kin, 222  
 Kohler, Hans-Peter, 79  
 Krueger, Patrick M., 214
- Landry, Adolphe, 17  
 Laumann, Edward O., 111, 113

**502 Name Index**

- Lee, Everett S., 29  
 Legrain, Philippe, 256  
 Lesthaeghe, Ron, 25  
 Lewis, David, 21  
 Li, Shunqiang, 158  
 Li, Zhen, 233  
 Liang, Zai, 233  
 Lichter, Daniel T., 25  
 Linnaeus, Carolus, 314  
 Lipset, Seymour Martin, 244  
 Livi-Bacci, Massimo, 39, 333, 402  
 Lotka, Alfred J., 177  
 Lutz, Wolfgang, 399
- Ma, Zhongdong, 233  
 MacDorman, Marian F., 203  
 Mackun, Paul, 375, 379  
 Madigan, Francis C., 281  
 Malthus, Thomas Robert  
   and arguments against his population  
   theory, 346  
   and positive checks on mortality, 178  
   and theory of population growth, 19–22,  
   388  
 Manning, Wendy, 104–105  
 Marsh, Margaret, 152  
 Martin, Joyce A., 85  
 Martinez, Gladys, 88, 90  
 Marx, Karl, 22, 339, 424  
 Massey, Douglas S., 234, 238  
 Mather, Mark, 67, 319  
 Mathews, T. J., 203  
 May, John F., 386  
 McClory, Robert, 152  
 McCormick, Katherine, 151  
 McFalls, Joseph A., 23, 336  
 McLaren, Angus, 124  
 McNicoll, Geoffrey, 17, 18  
 Merton, Robert K., 426  
 Michael, Robert T., 111  
 Michaels, Stuart, 111  
 Mill, John Stuart, 18  
 Minino, Arialdi, 169, 199  
 Monte, Lindsay M., 90  
 Moore, Annie, 248  
 Morales, M. Christina, 313  
 Morgan, S. Philip, 89, 360  
 Morrison, Peter, 234, 343  
 Mosher, William D.,  
   and cohabitation, 103  
   and contraceptive use in US, 131, 132,  
   133  
 Mueller, Juergen, 181  
 Myers, Dowell, 256  
 Myers, Robert J., 293
- Nam, Charles B., 200  
 Nicholson, W.J., 403
- Nixon, Richard (US president), 402  
 Noonan, John T., 124  
 Notestein, Frank W., 23
- Obama, Barack (US president), 325, 390,  
 404  
 Obregon, Misael, 196  
 Oeppen, Jim, 211  
 Ogino, Kyusaka, 142  
 Olshansky, S. Jay, 211  
 Omran, Abdel R., 27  
 Ortman, Jennifer M., 356, 357  
 Osborn, Frederick, 342  
 Ostby, Lars, 46  
 Osterman, Michelle J. K., 85
- Paddock, Paul, 342  
 Paddock, William, 342  
 Palmore, James A., 171  
 Panwar, Omkari, 63  
 Passel, Jeffery S.  
   and population changes, US, 349  
   and unauthorized international migration,  
   262, 263  
   Mexican immigration, 252  
 Paul VI (pope), 152  
 Petersen, William, 19  
 Pincus, Gregory, 151  
 Pison, Gilles, 285, 334, 334–335  
 Plato, 19  
 Pollard, Kelvin, 319  
 Porter, Katherine Anne, 183  
 Postel, Sandra, 420  
 Poston, Dudley L., Jr.  
   and congressional apportionment based on  
   census data, 42  
   and family groups, 118, 120  
   and floating migrants, 234  
   and heterosexuality, 116  
   and homosexuality, 113, 114, 117  
   and same-sex households, 44  
 Potts, David Malcolm, 125, 157  
 Preston, Samuel H., 5, 17  
 Prewitt, Kenneth, 314
- Ramchandran, Deepa, 293  
 Raskind, Richard, 274  
 Ravenstein, E. G., 31  
 Raymond, Elizabeth G., 156  
 Reagan, Ronald (US president), 390  
 Renzetti, Claire M., 271  
 Richards, Renée, 274  
 Riddle, John M., 124  
 Riley, Nancy E., 93  
 Rindfuss, Ronald R., 89  
 Rios-Vargas, Merarys, 321  
 Rock, John, 151–152  
 Rogers, Andrei, 282

**503 Name Index**

- Rogers, Richard G.  
 and adult mortality, 200  
 and epidemiological transition theory,  
 28  
 and life expectancy, 214  
 Rollman-Tinajero, Cheryl, 267  
 Romero, Fabian, 196  
 Ronner, Wanda, 152  
 Ryder, Norman B., 18
- Saenz, Rogelio, 313, 314  
 Sanger, Margaret, 149, 151  
 Sautter, Jessica M., 198  
 Schnore, Leo F., 421  
 Seigel, Jacob, 8  
 Semanya, Caster, 278  
 Sharpe, F. R., 177  
 Sheehy, Daniel, 255  
 Shkolnikov, Vladimir M., 211  
 Shryock, Henry, 8  
 Simon, Julian L., 422–423  
 Singh, Charam, 63  
 Smith, David P., 51  
 Smock, Pamela, 104  
 Snow, John, 180–181  
 Song, Jian, 397  
 Spencer, Herbert, 424  
 Stover, John, 77  
 Swicegood, Gray, 89  
 Szreter, Simon, 48–49
- Taeuber, Conrad  
 and crude death rate, US, 360  
 paradox, 214  
 Taeuber, Irene B.  
 and crude death rate, US, 360  
 and population registers, 47
- Tancredo, Tom, 255  
 Teilhard de Chardin, Pierre, 424, 426  
 Thomas, Lewis, 425  
 Thompson, Warren S.  
 and demographic transition theory, 23  
 on Malthus, 21  
 Thornton, Arland, 96  
 Tienda, Marta, 42  
 Tietze, Christopher, 147  
 Tucker, Joseph D., 300  
 Turner, Frederick Jackson, 324
- Udry, J. Richard, 57
- van de Kaa, Dirk, 25  
 van de Walle, Etienne, 283  
 Vaupel, James, 211–212  
 Ventura, Stephanie J., 88
- Waite, Linda, 95, 96, 98  
 Waters, Mary C., 315  
 Weed, James A., 47  
 Weller, Robert H., 359  
 Wilde, Friedrich, 149  
 Wilkinson, David O., 185  
 Wilson, Steven, 375, 379  
 Winch, Donald, 21  
 Wooldridge, Frosty, 255
- Xu, Jiaquan, 195
- Yu, Jingyuan, 397
- Zaba, Basia, 183  
 Zangwill, Israel, 324  
 Zhai, Nan Bin, 263  
 Zinn, Howard, 348

## Subject Index

Entries in bold typeface indicate tables or figures.

- 1790 Census Act, **351**, 350–352
- abortifacients, 161–162
- abortion
- and population policy, 395
  - as proximate determinant, 76–78
  - definition of, 53
  - history of, 125
  - United States, **136**, **137**, 136–137
  - world occurrence of, 130, 129–131
- abortion rate, 129, **130**
- acquired immune deficiency syndrome (AIDS), **184**, 183–185, 213, 300
- ACS. *See* American Community Survey
- Act Prohibiting the Importation of Slaves (1807), 247
- Act to Repeal the Chinese Exclusion Acts (1943), 250
- adolescent fertility, **84**, **85**, **86**, 82–87
- adrenogenital syndrome (AGS), 272
- Affordable Care Act, 404
- Afghanistan, 208
- Africa
- abortion in, **130**
  - adolescent fertility in, **84**
  - ASFR in, **65**, 64–65
  - CBR in, 61
  - depopulation in, 80
  - family planning in, **126**, **129**
  - fertility rates in, 25, 78
  - HIV/AIDS in, **184**, 184
  - life expectancy, 213
  - NMR in, 206
  - PeMR in, 208
  - population distribution, **367**
- age
- and sex ratio, **294**, **295**, 294–296
  - and social science, 280
  - as characteristic, 8–9
  - as compositional variable, 10, 9–11
  - definition of, 268
  - dependency, **289**, 288–290
  - heaping, **291**, 290–293
  - population pyramid, **285**, **286**, **288**, 284–288
- age composition, **10**
- age curve of fertility, **65**, **65**
- age curve of mortality, **169**
- age heaping, 268, **291**, 290–293
- age/sex specific rate, **294**, **296**, 294–296
- aged-dependency ratio, 289, **305**, 305–307
- age-specific death rate (ASDRs), **169**, **170**, **171**, 167–171
- age-specific fertility rate (ASFR)
- adolescent fertility, **84**, **85**, **86**, 82–87
  - and TFR, **67**, **68**, 66–69
  - definition of, **65**, 64–65
  - males, 91, 293–294
  - United States, **62**
- aggregate migration theory, 30–32
- aging of a population, 80, **303**, **304**, **305**, 301–307, 355, 358
- alien, 409, 410
- Alien Nation*, 255
- Aliens Act (1798), 406
- American Community Survey (ACS), 57, 247, 249
- American Competitiveness and Workforce Improvement Act, 410
- American Indians, 348–350
- American Psychological Association, 273
- America's Forgotten Pandemic*, 183
- amplexus reservatus, 146
- An Essay on the Principle of Population as it Affects the Future Improvement of Society, with Remarks on the Speculations of Goodwin, M. Condorcet, and Other Writers*, 19–22

**505 Subject Index**

- Andorra, 61  
 androgen insensitivity syndrome (AIS), 272, 278  
 androgens  
   and intersex, 271–272  
   and sex determination, 269  
 Angola  
   adolescent fertility in, 83, 84  
   IMR in, 203  
 antinatalist policy, 396–399  
 area of destination, 216, 218  
 area of origin, 216, 218  
 Argentina, 373  
 ASFR. *See* age-specific fertility rate  
 Asia  
   abortion in, 130  
   adolescent fertility in, 83  
   and ethnic enclaves, 33  
   CBR in, 61  
   family planning in, 126  
   female contraception in, 129  
   fertility rates in, 25, 78  
   immigration to US, 251, 253  
   NMR in, 206  
   population distribution, 367  
   registers in, 47  
 assimilation  
   and pluralism, 323–324  
   definition of, 323  
   pluralistic, 328–331  
 asylee, 237, 409  
 at-risk population, 61  
 Audio Computer-Assisted Self-Interviewing (ACASI), 56, 115  
 Australia  
   family planning in, 126  
   international migration to, 404–405  
   life expectancy, 211  
   population policy of, 400  
 Austria, 209  
 average, 41  
 baby boom  
   and aging population, 358  
   and birth cohorts, 307–308  
   and destiny, 15  
   and fertility, 359  
   and population growth, 354  
   definition of, 10, 9–10  
   in developing countries, 346  
   TFR in, 67, 67, 81  
 baby bust  
   and fertility, 354, 359  
   definition of, 11  
 Bangladesh  
   falling fertility rate in, 342  
   physiological density, 368–369  
   population of, 368  
   population policy of, 396  
   SBR in, 208  
   urban agglomeration in, 373  
 basal body temperature, 143, 144  
 Belarus, 209  
 Belgium, 261  
 best practice life expectancy, 211  
 Billings ovulation method, 128, 145  
 Bills of Mortality (register), 48  
 biological warranty period, 211  
 biphasic pills, 153  
 birth  
   and entering a population, 5  
   as component of demographic change, 6  
   certificates, 50–51  
   definition of, 53  
   oldest women to give, 63–64  
   registration, 49–50  
   to unwed mothers, 106, 109, 105–109  
 birth cohorts, 309, 307–311  
 birth control, 21  
 birth control pill  
   failure rate, 139, 150–154  
   history of, 125  
   United States, 132  
   world usage of, 126  
*Birth of the Pill: How Four Crusaders Reinvented Sex and Launched a Revolution*, 151  
 birth order, 210  
 Black Death, 180, 392  
 Bosnia-Herzegovina, 61  
 Boswash, 380  
 Botswana  
   depopulation in, 80  
   HIV/AIDS in, 185  
 bourgeoisie, 22  
 bracero program, 252, 407  
 brain drain, 259  
 Brazil  
   population of, 368  
   urban agglomeration in, 373  
 Bulgaria  
   adolescent fertility in, 83  
   depopulation in, 80  
 Bureau of the Census (US)  
   ACS and, 57  
   and age heaping, 291  
   and age-specific death rates, 170  
   and American Community Surveys, 221  
   and congressional apportionment, 43  
   and core based statistical areas, 377  
   and dependency ratios, 304, 305  
   and fertility rates, US, 68  
   and internal migration within US, 215, 217  
   and marriage, US, 100, 101  
   and mean center of population, US, 376

506 **Subject Index**

- Bureau of the Census (*cont.*)  
 and percentage of foreign-born population in US, 253  
 and population by age and sex, 285, 287, 288  
 and population centers, US, 13  
 and population decline, US, 382  
 and population density, US, 369, 375, 378  
 and potential support ratios, 412  
 and sex ratios by age group, 296  
 and US census, 226, 315–317, 351  
 and world populations, 13, 303, 332  
 length of, 36–37  
 used for demographic data gathering, 14
- calendar rhythm method, 142–143  
 Canada, 404–405  
 capitalism, 22  
 Caribbean  
   CBR in, 61  
   family planning in, 126  
   fertility rates in, 78  
   NMR in, 206  
   population distribution, 367  
 Casalecchio, Italy, 27  
 CBR. *See* crude birth rate  
 CDR. *See* crude death rate  
 census  
   definition of, 36–37  
   early US, 351, 350–352  
 Census Bureau. *See* Bureau of the Census  
 center of population, 375, 376  
 Central African Republic, 203  
 Central America, 367  
 central city, 372  
 Central Intelligence Agency (US), 14, 204, 209  
 cervical cap (contraceptive device), 149–150  
 Chad  
   adolescent fertility in, 83, 84  
   CBR in, 61  
   family planning in, 126  
   IMR in, 203  
   MMR in, 209  
   total dependency, old-age,  
     youth-dependency ratio, 289  
 Charleston (West Virginia), 7  
 Child Trends, 106, 109  
 childbearing age, 63–64  
 childlessness  
   and fertility, 90, 89–91  
   definition of, 75  
 children ever born (CEB), 92  
 China  
   and destiny of males, 15  
   as migration sending country, 6  
   bachelor, 299–300  
   family planning in, 126  
   famine in, 179  
   immigration to US, 249–250, 253, 409  
   internal migration in, 218, 231–234  
   population aging in, 303, 304, 305, 301–307  
   population distribution, 365  
   population of, 368  
   population policy of, 397–399  
   registers in, 47  
   SRB of, 11–13, 297, 298–299  
   TFR in, 67  
   total dependency, old-age,  
     youth-dependency ratio, 289, 290  
   urban agglomeration in, 373  
   urbanization of, 370–371  
 Chinese Exclusion Act (1882), 249, 407  
 Chi–Pitts, 380  
 cholera, 180–181  
 chromosomes  
   and aging, 280  
   and sex determination, 269  
   as intersex category, 271  
 Civil Rights Act (1964), 250  
 closed population, 283  
 cohabitation  
   adolescent fertility in, 88–89  
   and contraception usage, 133  
   and marriage, 103, 104, 105, 102–105  
   and marriage patterns, 92–93  
 cohort analysis  
   and generations, 309, 307–311  
   definition of, 60  
   TFR, 69  
 coitus interruptus (birth control method), 128, 145–147  
 coitus reservatus, 146  
 Colombia, 396  
 combined oral contraceptive, 153–154  
 community and kinship ties model, 30  
 compositional variables  
   age as, 9–11  
   as cause and effect of population change, 8–9  
   sex as, 11–13  
 concentration of the population, 365, 376  
 conception  
   as intermediate factor in fertility, 74–75  
   as proximate determinant, 77–78  
   definition of, 59  
 condom  
   failure rate, 139, 147–149  
   United States, 132  
   world usage of, 126  
 congenital adrenal hyperplasia (CAH), 272  
 Congo  
   IMR in, 203  
   population of, 368  
 Congressional Budget Office, 245

507 **Subject Index**

- Contesting Intersex: The Dubious Diagnosis*, 273
- continence. *See* calendar rhythm method
- contraception. *See also* family planning  
 as proximate determinant, 76–78  
 nonuse of contraception, 127  
 United States, 131–137
- Contraception: A History*, 124
- Contraception: A History of Its Treatment by the Catholic Theologians and Canonists*, 124
- contraceptive injection (birth control method)  
 failure rate, 139, 155  
 United States, 132  
 world usage of, 126
- contraceptive patch, 154
- contraceptive sponge, 147
- cost  
 census, 43  
 physical and migration, 30  
 welfare and migration, 257
- Côte d'Ivoire, 208
- cross-section (in TFR calculation), 46, 67, 68, 66–69
- crude birth rate (CBR)  
 and GFR, 64  
 and TBR, 67  
 definition of, 61  
 world, 332
- crude death rate (CDR), 165–167, 171–173, 332
- cultural adaptation  
 recent patterns of, 324–328  
 types of, 322–324
- cultural amalgamation, 322
- cultural separatism, 322, 326
- Current Population Survey (CPS), 55
- CycleBeads (contraceptive method), 143
- Czech Republic, 208
- data. *See* information sources
- de facto* population, 37–38
- de jure* population, 37–38
- death. *See also* mortality  
 age and risk of, 8  
 and demography, 4  
 as component of demographic change, 6  
 certificates, 51–52  
 definition of, 53  
 DTT, 23, 22–26  
 registration, 50
- Death of the West*, 255
- decendent, 51–52
- deconcentration, 381–384
- Demographic and Health Survey (DHS), 54–55
- demographic characteristics, 8–9
- demographic equation  
 and population change, 313  
 as definition, 5–8
- demographic processes, 5
- demographic transition theory (DTT), 22–26, 332, 336, 335–338
- demographic variables, 266–268
- demography. *See also* population  
 age and sex in, 280–283  
 as destiny, 15–16  
 definition of, 3–4, 5  
 race and ethnicity in, 312–313
- Denmark  
 fertility rates in, 79  
 Whipple's method, 292
- denominator, 43, 61–62
- dependency ratio, 288
- dependent variable, 22
- Depo-Provera, 155
- depopulation, 79–81
- destiny (demography as), 15–16
- Detroit (Michigan), 7
- developed countries  
 abortion in, 130  
 attracting skilled international immigrants, 257–258  
 causes of death in, 189, 191  
 family planning in, 126  
 IMR in, 203  
 life expectancy, 210  
 NMR in, 206, 206  
 PeMR in, 208  
 TFR in, 67
- developing countries  
 abortion in, 130  
 adolescent fertility in, 84  
 causes of death in, 191  
 IMR in, 203  
 NMR in, 206, 206  
 PeMR in, 208  
 population projections of, 419  
 SBR in, 208  
 unsafe abortions in, 131  
 urbanization of, 372
- diaphragm (contraceptive device)  
 definition of, 128  
 failure rate, 139, 149–150  
 popularity of, 129
- differential migration, 219
- Differential Mortality in the United States*, 200
- distance and migration, 29–30
- division of labor, 19
- divorce  
 and contraception usage, 133  
 certificates, 51
- Djibouti, 208
- Dominican Republic, 396
- doubling time, 336–338, 424
- DTT. *See* Demographic Transition Theory
- dual labor market theory, 32



## 508 Subject Index

- echo effect, 284  
 ecological theory of migration, 31  
 ecology and population projections, 418–422  
 economic development, 374  
 economics  
   and international migration, 238, 255–260  
   in rural and urban areas, 373, 370–373  
 edge cities, 371  
 education  
   and cohabitation, 104  
   and contraception usage, 134  
   and demography, 9  
   and fecundity, 28  
   and fertility, 74  
   and international migration, 257–258  
   and marriage patterns, 92  
   migration selectivity and, 219, 225  
 effectiveness (of family planning methods),  
   139, 138–139  
 Egypt, 373, 396  
 El Salvador  
   population policy of, 396  
   unauthorized immigrants from, 262  
 ella (contraceptive brand), 161  
 emergency contraceptive pill (ECP), 160–161  
 emigrants  
   and labor, 406  
   and the demographic equation, 6  
   definition of, 236  
 emigration  
   definition of, 236–237  
   economic effect on sending country, 258  
 endogenous cause of death, 206–207  
 endometrium, 154  
 Enhanced Border Security and Visa Entry  
   Reform Act (2002), 410  
 entries without inspection (EWIs), 260  
 environment and population, 421  
 epidemics  
   and mortality, 182, 184, 179–185  
   and SRB, 12  
 epidemiological paradox, 194  
 epidemiological transition theory (ETT),  
   27–28  
 Equal Proportions method, 40, 43  
 essentialism, 110–111  
 Essure procedure, 157  
 Estonia  
   IMR in, 203  
   MMR in, 209  
 Ethiopia  
   population of, 368  
   sending country of skilled workers, 258  
 ethnic enclave, 33  
 ethnicity  
   definition of, 313  
   US patterns, 319, 321, 318–322, 356, 357,  
   355–358
- Europe  
   abortion in, 130  
   adolescent fertility in, 83  
   ASFR in, 64–65, 66  
   CBR in, 61  
   death rate in, 7  
   depopulation in, 79  
   DTT in, 24  
   family planning in, 126  
   fertility rates in, 78, 79  
   immigration to US, 250–251  
   international migration to, 405–406  
   IUD usage in, 129  
   population distribution, 367  
   registers in, 46  
*Eve's Herbs: A History of Contraception and  
 Abortion in the West*, 124  
 EWIs. *See* entries without inspection  
*Exceptional People*, 256  
 exponential growth, 424–426  
 exports and international migration, 258  
 external sex structures, 270  
 exurbs, 383–384
- failure rate (contraceptive), 139, 138–139  
 family  
   contemporary patterns of, 99–110  
   definition of, 96  
   history of the, 96–99  
 family partnering, 119, 120, 118–121  
 family planning. *See also* contraception  
   conferences on, 388–392  
   married women worldwide, 125–138  
 family planning program, 390  
*Famine 1975*, 342  
 famine and mortality, 178–179  
 fecund women, 75  
 fecundity  
   ages of, 280  
   and demography, 8  
   and education, 28  
   categories of, 75  
 fecundity indeterminate, 75  
 federal surveys (US), 55–57  
 Federation for American Immigration Reform  
   (FAIR), 256  
 female condom  
   definition of, 128  
   failure rate, 148  
 female sterilization, 128–129  
 fertility  
   adolescent, 84, 85, 86, 82–87  
   and childlessness, 90, 89–91  
   and demography, 8  
   and marriage, 9  
   and population policy, 392–395, 397–399  
   decline in, 341–342  
   definition of, 60

509 **Subject Index**

- demographic measures of, 59–60
- DTT, 23, 22–26
- in the US, 81–82, 358–360
- male, 91–93
- measurement of, 60–74
- nonmarital, 88, 87–89
- proximant determinants of, 74–78
- surveys and, 54–55
- world trends in, 78–81
- fertility awareness methods, 128. *See also*  
   natural family planning
- fertility control
  - current patterns of, 125–138
  - history of, 123–125
- Fertility Doctor*, 152
- fertility theories, 26–27
- fetal death, 52–54
- fetal death rate, 207–208
- fetus, 52
- Fighting Immigration Anarchy*, 255
- Finland
  - fertility rates in, 79
  - IMR in, 203
  - SBR in, 208
- first demographic transition. *See* Demographic  
   Transition Theory
- first union, 103, 104, 105, 102–105, 135
- floating migrant, 231–234
- forced migration
  - blacks into US slavery, 352
  - definition of, 240
- foreign-born person, 243–244, 245, 253
- foundation of human ecology theory, 31
- France
  - and unauthorized immigration to, 261
  - population policy of, 393–394, 400
  - population pyramid, 285, 284–286
- Future of Man*, 426
- Gambia, 289
- Geary Act, 250, 407
- gender, 279
- general fertility rate (GFR), 62, 63, 61–64,  
   67
- Generation X, 11
- genocide, 403
- gentrification, 384
- geographic information systems, 181
- geographic mobility, 234
- germ theory (of disease), 192
- Germany
  - and unauthorized immigration to, 261
  - depopulation in, 80
  - international migration to, 238
  - population halving rate, 338
- gestation, 74–75
- GFR. *See* general fertility rate
- Ghost Map*, 181
- global warming and population, 421–422
- globalization, 33
- gonads and sex determination, 269
- Great Depression
  - and immigration policy, 407
  - and population decline, 354
  - TFR in, 67, 67, 82
- Great Migration, 227–228
- Great Plague, 180
- Greece
  - fertility rates in, 79
  - MMR in, 209
- green card, 252
- gross domestic product (GDP), 259
- gross migration, 218
- gross migration rate, 222, 220–223
- gross national product (GNP), 259
- gross reproduction rate (GRR), 71, 70–72
- Growth and Structure of Human Populations*,  
   282
- Guatemala, 262
- Guinea-Bissau
  - HIV/AIDS in, 185
  - IMR in, 203
- Guttmacher Institute
  - and abortions, 130, 136, 137
  - and contraceptive use in US, 135
- halving time, 338
- healthy migrant effect, 194
- Healthy People 2010 (initiative), 205
- heterosexuality, 116, 116–117
- Hispanic paradox, 194–197
- histogram, 284
- History of Contraception: From Antiquity to  
   the Present Day*, 124
- HIV/AIDS
  - and depopulation, 80
  - and mortality, 184, 183–185
  - and SRB, 12
- homosexuality
  - and SRB, 300
  - partnering in, 119, 120, 118–121
- Honduras, 262
- Hong Kong
  - fertility rates in, 79
  - Whipple's method, 292
- hormonal IUD implants
  - failure rate, 139
  - popularity of, 129
  - United States, 132
- hormones
  - and aging, 280
  - and intersex, 271–272
  - and Olympic Games sex determination,  
   276–279
  - and sex determination, 269
- Hot, Flat and Crowded*, 424

510 **Subject Index**

- House of Representatives (US), 39, 43  
 household, 33, 38  
*How Many People Can the Earth Support?*, 346  
 hukou, 231–232  
 human ecological theory, 26–27  
 human immunodeficiency virus (HIV), 184, 183–185, 213, 300  
 Humanae Vitae (encyclical), 152  
 Hungary  
   depopulation in, 80  
   fertility rates in, 79  
   MMR in, 209  
 hypothetical cohort  
   definition of, 69  
   NRR and GRR, 71, 73–74  
 hysterectomy, 127  
 hysteroscopic sterilization, 157
- Iceland  
   IMR in, 203  
   life expectancy, 211  
 Illegal Immigration Reform and Immigrant Responsibility Act (1996), 409  
 illegitimate fertility. *See* nonmarital fertility  
 immigrants  
   and DTT, 25  
   and the demographic equation, 6  
*Immigrants and Boomers*, 256  
*Immigrants, Your Country Needs Them*, 256  
 immigration, 236–237  
 Immigration Act (1917), 407  
 Immigration Act (1924), 247  
 Immigration and Nationality Act (1965), 255  
 Immigration and Naturalization Service, 361  
 Immigration Reform and Control Act, 252, 408–409  
*Immigration's Unarmed Invasion*, 255  
 IMR. *See* infant mortality rate  
*In Mortal Danger*, 255  
*in vitro* fertility, 63  
 income migration model, 30  
 independent variable, 22  
 India  
   and destiny of males, 15  
   as migration sending country, 6  
   falling fertility rate in, 342  
   immigration to US, 253, 409  
   NMR in, 206  
   oldest women to give birth in, 63–64  
   population of, 368  
   population policy of, 396  
   SRB of, 12  
   unauthorized immigrants from, 262  
   urban agglomeration in, 373  
 individual expectations model, 30  
 Indonesia  
   population of, 368  
   population policy of, 396  
   induced abortion, 53, 76, 130, 129–131  
 Industrial Revolution  
   and growth of cities, 371–372  
   effect on labor force, 339  
 infant mortality  
   and life tables, 177  
   decline in, 341  
   importance of studying, 167  
 infant mortality rate (IMR), 203, 201–205  
 infecundity  
   as proximate determinant, 76–78  
   definition of, 75  
 infertility, 75  
 information model of migration, 30  
 information sources. *See also* data  
   national censuses, 37, 43, 36–46  
   registers, 46–54  
   surveys, 54–57  
   used in demography, 14–15  
 injection (birth control method)  
   failure rate, 139, 155  
   United States, 132  
   world usage of, 126  
 in-migration  
   definition of, 218  
   United States, 229–230  
 in-migration rate (IMR), 222, 220–223  
 Institute for Reproductive Research, 143  
 intercourse  
   and nonuse of contraception, 127, 132  
   as intermediate factor in fertility, 74–75  
 internal migration  
   and population distribution, 383  
   China, 231–234  
   definition of, 28–32, 223  
   history of, 239–243  
   measuring data, 220–223  
   United States, 224–231  
 International Classification of Diseases (ICD), 187–188  
 International Covenant on Civil and Political Rights (ICCPR), 48–49  
 international migration  
   and population distribution, 383  
   and population policy, 404–406  
   definition of, 237  
   economic effects of, 255–260  
   history of, 239, 238–239  
   to US, 361–362, 363  
   unauthorized, 262, 260–263  
   zero net, 263–265  
 international migration theory, 32–33  
 International Olympic Committee, 277, 278  
 International Organization for Migration, 261  
 intersex, 270–273  
 intrauterine devices (IUDs)  
   failure rate, 159–160

511 **Subject Index**

- history of, 124
- most common areas for, 129
- United States, 132
- world usage of, 126
- Iran
  - falling fertility rate in, 342
  - MMR in, 209
  - Whipple's method, 292
- Irish potato famine, 178
- "Isle of Hope, Isle of Tears" (song), 248
- Israel, 405
- Italy
  - and unauthorized immigration to, 261
  - depopulation in, 80
  - MMR in, 209
  - PeMR in, 208
  - total dependency, old-age, youth-dependency ratio, 289
- IUD. *See* intrauterine devices
- Jacob's syndrome, 271
- Jamaica
  - population policy of, 396
  - sending country of skilled workers, 258
- Japan
  - and unauthorized immigration to, 261
  - CBR in, 61
  - IMR in, 203
  - life expectancy, 173, 210, 211
  - physiological density, 368–369
  - population of, 368
  - TFR in, 68
  - total dependency, old-age, youth-dependency ratio, 289
  - urban agglomeration in, 373
  - Whipple's method, 292
- Joan of Arc: A History*, 273
- keyhole vasectomy, 158
- Klinefelter's syndrome, 271
- Kosovo, 79
- Kyoto Protocol (treaty), 419
- labor force
  - and in-migration, 229–230
  - and international migration, 256, 405–406
  - and male fertility, 92
  - effect of the Industrial Revolution on, 339
  - survey data, 56
- labor migration, 32
- laparoscopic sterilization, 156
- Latin America
  - abortion in, 130
  - adolescent fertility in, 83
  - CBR in, 61
  - family planning in, 126
  - female sterilization in, 129
  - fertility rates in, 25, 78
  - immigration to US, 253
  - NMR in, 206
- Latvia, 80
- laws of migration, 31
- Lebanon, 39
- Lesotho
  - CDR, 166
  - depopulation in, 80
  - HIV/AIDS in, 185
  - life expectancy, 173
- less developed countries (LDCs), 67
- Liberia, 208
- life events, 4–5
- life expectancy
  - and HIV/AIDS, 185
  - and life span, 166
  - and race, 197
  - control over, 164–165
  - definition of, 49
  - future trends in, 210–214
  - improvements in US, 192–193
  - life tables and, 173, 176
  - medical research and, 360
  - world, 191
- Life of Samuel Johnson*, 124
- life span, 166
- life table
  - and mortality, 173–177
  - and zero net international migration, 264
  - NRR and GRR, 71, 73–74
- Limits to Growth*, 388
- Lithuania, 80
- live birth, 52–54, 63
- Living and Dying in the USA*, 200
- local movement, 217
- longevity, 163
- long-form questionnaire, 36–37
- long-term immigration, 237
- looking glass self, 427
- Lucky Few, 11, 307
- Lucky Few: Between the Greatest Generation and the Baby Boom*, 308
- Macao
  - fertility rates in, 79
  - total dependency, old-age, youth-dependency ratio, 289, 290
- macro analysis, 60
- majority-minority population, 319
- malaria, 402
- Malawi, 185
- Malaysia, 261
- male fertility, 91–93
- male sterilization, 128, 129
- Mali
  - adolescent fertility in, 83
  - fertility rates in, 78

## 512 Subject Index

- Malthusian checks, 21, 339, 388  
*Man into Woman: The First Sex Change*, 274  
 and census data, 43–46  
 and contraception usage, 133  
 and demography, 5  
 and male fertility, 92  
 as proximate determinant, 76–78  
 certificates, 51  
 contemporary patterns of, 99–110  
 history of, 96–99  
 Malthusian, 20  
 marriage age, 100, 101, 99–102  
*Marriage, A History: From Obedience to Intimacy or How Love Conquered Marriage*, 97  
 Martinique, 208  
 maternal death, 208  
 maternal mortality ratio (MMR), 208–210  
 Mauritania, 208  
 mechanical society, 19  
 median age, 100, 100–101  
*Medical History of Conception*, 123  
 megalopolis, 380–381  
 melting pot  
 and assimilation, 324  
 definition of, 323  
 recent patterns of, 324–325  
 Melting Pot (play), 324  
 men  
 excess numbers of in population, 299–300  
 homosexual, 114, 117, 120, 120–121  
 world sterilization rate, 126  
 menarche, 76  
 menopause, 76  
 mercantilism, 20  
 mestizos, 322  
 metropolis, 370  
 metropolitan area, 355  
 metropolitan statistical area, 378, 379, 377–380  
 metropolitanization, 378, 379, 377–380  
 Mexico  
 as migration sending country, 6, 363  
 falling fertility rate in, 342  
 immigration to US, 253, 251–253, 409  
 population policy of, 396  
 total dependency, old-age, youth-dependency ratio, 289  
 unauthorized immigrants from, 260, 261, 262  
 urban agglomeration in, 373  
 Whipple's method, 292  
 micro analysis, 60  
 micropolitan area, 378, 377–378  
 migrants, 215–217  
 migration  
 age and sex in, 281  
 as component of demographic change, 6–7  
 definition of, 215–217  
 differing by age and sex, 8  
 healthy/return effects, 194–195  
 replacement, 412, 411–414  
 migration counterstream, 219  
 migration efficiency, 218–219  
 migration efficiency ratio (MER), 222, 220–223  
 migration interval, 219  
 migration network theory, 33  
 migration receiving country, 6, 255–260  
 migration selectivity, 220  
 migration stream, 219  
 migration theory  
 aggregate, 30–32  
 internal individual, 28–30  
 international, 32–33  
 military service  
 and census taking, 39  
 and mortality, 185–186  
 minilaparotomy, 157  
 mini-pill, 153–154  
 Mirena IUD, 159  
 miscarriage, 53  
 MMR. *See* maternal mortality ratio  
 Monaco, 61  
 monophasic pill, 153  
 morbidity, 14  
 morning-after pill, 160–161  
 mortality. *See also* death  
 age-specific death rate, 167–168, 169, 170, 171  
 and epidemics, 182, 184, 179–185  
 and population policy, 401–404  
 and war, 185–186  
 causes of death data, 188, 190, 191, 186–191  
 crude death rate, 165–167  
 famine and, 178–179  
 future trends in, 210–214  
 history of, 177–178  
 infant, 201–210  
 life table and, 173–177  
 measurement of, 165–166  
 sex and, 280  
 United States, 195, 197, 199, 191–201, 361, 360–361  
 mortality reversal, 212  
 movers, 215–217  
 moving  
 and demography, 5  
 and entering a population, 5  
 Mozambique, 185  
 mulatto, 316

## 513 Subject Index

- Namibia, 185  
 national censuses  
   as demographic information source, 37, 43, 36–46  
   definition of, 35  
 National Center for Health Statistics (NCHS)  
   and age-specific fertility rates, US, 68  
   and birth and death statistics, 51  
   mortality in the US, 361  
   used for demographic data gathering, 14  
   vital statistics publishing, 51  
 National Death Index (NDI), 52  
 National Longitudinal Study of Adolescent to Adult Health (Add Health), 57  
 National Origins Act (1924), 407  
 National Park Service (US), 247  
 National Survey of Family Growth (NSFG)  
   and cohabitation, 102  
   and sexuality, 112–118  
   female contraceptive behavior, 132  
   importance of, 56–57  
 Native Americans, 348–350  
 Natural and Political Observations Made Upon the Bills of Mortality (register), 48  
 natural decrease, 6–8  
 natural family planning. *See also* fertility awareness methods  
   failure rate, 139, 143, 141–145  
   United States, 132  
 natural increase, 6–7  
 natural log, 337  
 Negative Population Growth (NPG)  
   and immigration policy, 256  
   and zero net international migration, 263–265  
 neoclassical economic theory of international migration, 32  
 neo-Malthusianism, 341–342, 391  
 neonatal mortality rate (NMR), 206, 205–207  
 net international migration, 6  
 net migration  
   definition of, 218  
   estimating, 229  
   United States, 224  
 net migration rate (NMR), 222, 220–223  
 net reproduction rate, 72  
 Netherlands  
   and unauthorized immigration to, 261  
   population growth rate, 337–338  
 new economics theory of migration, 32  
 New Zealand  
   international migration to, 404–405  
   life expectancy, 211  
 Next Choice, 161  
 Niger  
   adolescent fertility in, 83  
   CBR in, 61  
   fertility rates in, 78  
   population growth rate, 337–338  
   TFR in, 67  
   total dependency, old-age,  
     youth-dependency ratio, 289  
 Nigeria  
   NMR in, 206  
   population of, 368  
   SBR in, 208  
   total dependency, old-age,  
     youth-dependency ratio, 289  
   urban agglomeration in, 373  
 NMR. *See* neonatal mortality rate  
 nondisjunction, 271  
 nonmarital fertility, 88, 87–89  
 nonuse of contraception, 131, 132  
 Norplant, 155  
 North America  
   abortion in, 130  
   CBR in, 61  
   family planning in, 126  
   female sterilization in, 129  
   immigration to US, 253  
   population distribution, 367  
 North Korea, 83, 84  
 Norway  
   family planning in, 126  
   life expectancy, 211  
   nonuse of contraception, 126  
 no-scalpel vasectomy, 158  
 nosologists, 52  
 nulliparous women, 147  
 numerator, 61  
 Nuva Ring, 155  
 obituary, 163  
 Oceania  
   abortion in, 130  
   CBR in, 61  
   family planning in, 126  
   NMR in, 206  
   population distribution, 367  
 Octoroon, 316  
 old-age dependency ratio (ADR), 81, 289  
 Olympic Games, 276–279  
*On the Natural Varieties of Mankind*, 315  
 One-Child Campaign, 397–398  
 oral contraceptives  
   failure rate, 139, 150–154  
   history of, 125  
   United States, 132  
   world usage of, 126  
 organic society, 19  
 out-migration  
   definition of, 218  
   United States, 229  
 out-migration rate (OMR), 222, 220–223  
 Ovulation Method. *See* Billings Ovulation Method

## 514 Subject Index

- Pakistan  
 age heaping, 291  
 population of, 368  
 SBR in, 208  
 urban agglomeration in, 373  
 Whipple's method, 292  
*Pale Horse, Pale Rider*, 183  
 pandemic, 180  
 Papal Birth Control Commission, 152  
 ParaGard IUD, 159–160  
 parent support ratio, 289  
 parity, 210  
 parous women, 147  
 partnering, 96  
 parturition, 74–75  
 perinatal mortality rate (PeMR), 208  
 period perspective, 59  
 periodic abstinence. *See* calendar rhythm method  
 personal characteristics model of migration, 30  
 Peru, 396  
 Pew Foundation, 326  
 Philippines  
 as migration sending country, 6  
 immigration to US, 253  
 urban agglomeration in, 373  
 physical cost model, 30  
 physiological density, 368–369  
 pill. *See* birth control pill  
 place of destination, 228–231  
 place of origin, 228–231  
 Plan B One-Step, 160  
 pluralism  
 and assimilation, 324  
 definition of, 323  
 pluralistic assimilation, 328–331  
 Poland  
 fertility rates in, 79  
 TFR in, 68  
 political economic theory of fertility, 26–27  
 pollution and population, 422  
 polygyny  
 definition of, 91  
 prohibition of, 97  
 population. *See also* demography  
 change in US, 349, 348–364  
 countries with highest, 368  
 definition of, 17–18  
 demographic transition theory and, 336, 335–338  
 future trends in, 345, 343–347  
 historic world changes, 334, 332–336  
 importance of age and sex in, 8–9  
 international migration redistribution of, 241  
 modern growth, 340, 338–342  
 ways to enter a, 5–8  
 population actors, 4–5  
 population aggregate model, 18  
 population aging, 268  
*Population Bomb*, 342, 388  
 population density, 353  
 population distribution  
 and economic development, 374  
 and megalopolis trend, 380–381  
 and urbanization, 373, 370–373  
 deconcentration in, 381–384  
 definition of, 13, 13–14  
 differences in countries, 365, 366  
 DTT and, 24  
 United States, 375, 376, 374–376  
 world, 367, 368, 369, 366–369  
 population explosion, 426  
 population exponentialism, 424–426  
 population growth  
 and the environment, 421–422  
 Malthusian, 19–22  
 Marxist views of, 22  
 population heterogeneity in frailty, 198  
 population implosion, 385  
 population literature, 18–22  
 population momentum, 80, 346  
 population policy  
 and fertility, 392–395  
 and international migration, 404–406  
 and mortality, 401–404  
 and replacement migration, 412, 411–414  
 and World Population Conferences, 388–392  
 antinatalist, 396–399  
 definition of, 386–388  
 pronatalist, 399–401  
 United States, 406–410  
 population projection  
 ecological considerations for, 418–422  
 philosophical considerations of, 424–427  
 sociological considerations, 422–424  
 world, 417, 416–418  
 world usage of, 345, 343–347  
 population pyramid, 10  
 Population Reference Bureau  
 and distribution of world's population, 368  
 and global family planning data, 125, 126  
 and global infant mortality rates, 203  
 and life expectancy, 361  
 and number of people ever born (video), 334  
 and world population change, 349  
 dependency ratios, 289  
 population register, 46  
 population replacement, 70  
 Portugal  
 and unauthorized immigration to, 261  
 CBR in, 61

515 **Subject Index**

- family planning in, 126
- fertility rates in, 79
- TFR in, 68
- positive checks (to population growth), 20, 178
- Post-American World*, 427
- postneonatal mortality rate (PMR), 205, 207
- postpartum infecundability, 76
- potential support ratio (PSR), 412, 411–414
- poverty reduction, 259
- pregnancy, 127, 132, 140
- preventive checks (to population growth), 20
- principle of population, 20
- progestin-only pill, 153–154
- proletariat, 22
- Promises I Can Keep: Why Poor Women Put Motherhood before Marriage*, 108
- pronatalist policy
  - definition of, 389
  - history of, 393–395
- pronatalist policy, 399–401
- proximate determinant of fertility, 74–78
- Puerto Rico
  - metropolitanization of, 378
  - population distribution, 369
- pull-out method. *See* withdrawal
- push and pull factors of migration, 29, 33
- Qatar, 166
- Quadroon, 316
- quinacrine sterilization, 157
- race
  - adolescent fertility in, 86, 85–87
  - and abortion, 137
  - and births to unwed mothers, 108–109
  - and internal migration, 227–228
  - and longevity, 164
  - and mortality, 195, 197, 193–199
  - and nonmarital fertility, 88, 87–88
  - and socioeconomic status, 9
  - and SRB, 297
  - definition of, 313
  - IMR in, 202, 203
  - in early census taking, 38
  - US categories of, 314–317
  - US patterns, 319, 321, 318–322, 356, 357, 355–358
- racial mortality crossover, 197–198
- rate of natural increase (RNI)
  - and population growth, 79
  - United States, 82
- Real ID Act (2005), 410
- refugee
  - definition of, 237
  - modern era of, 242–243
- registers
  - as demographic information source, 46–54
  - definition of, 35
- registration, 35
- registration system, 46–54
- relocation. *See* moving
- re-migrant, 237
- re-migration
  - and brain drain, 259
  - and zero net international migration, 264
  - definition of, 237
- remittances, 258–259
- replacement-level fertility
  - and population policy, 412, 411–414
  - definition of, 80
- reproduction
  - and Malthusian population growth, 20
  - definition of, 60
- residential mobility
  - definition of, 216, 217
  - United States, 220
- return migrant effect, 194
- return migration, 218
- rhythm method (contraception), 128
- Roman Catholic Church
  - and immigration policy, 256
  - and marriage patterns, 93
  - contraception and, 124, 142, 146, 151–152
- Romania, 395
- Rule of 69.3, 336–338
- Russia
  - depopulation in, 80
  - fertility rates in, 79
  - international migration to, 238
  - population of, 368
  - population policy of, 400
  - total dependency, old-age, youth-dependency ratio, 289
- salmon bias, 194
- same-sex couples, 43–46
- San Francisco, California
  - gay/lesbian population in, 45
  - Spanish 'flu, 182, 181–182
- Saudi Arabia, 238
- SBR. *See* stillbirth rate
- second demographic transition (SDT), 25
- self-identification
  - of sex determination, 276
  - sexuality dimension, 113, 114, 116, 117, 111–118
- semifecundity, 75
- sending country
  - economic effect of emigration on, 258
  - main to US, 255–260, 363
  - remittances and, 258–259



516 **Subject Index**

- senior boom, 358  
 Serbia, 80  
 sex  
   and demography, 4  
   and social science, 280  
   and the Olympic Games, 276–279  
   as characteristic, 8–9  
   as compositional variable, 10, 11–13  
   biological definition of, 269–270  
   considerations for the definition of, 268–269  
   intersex, 270–273  
   of unauthorized immigrants, 261  
   population pyramid, 285, 286, 288, 284–288  
   structure, 294, 296, 293–296  
   survey data, 56  
   transgender, 273–276  
   versus gender, 279  
 sex ratio, 294, 294–295  
 sex ratio at birth (SRB)  
   cultural practices and, 297, 296–301  
   definition of, 11–13, 72  
   demographic process, 293–294  
   importance of, 268  
 sexual behavior, 113, 114, 116, 117, 111–118  
 sexual preference, 113, 114, 116, 117, 111–118  
 sexuality  
   and marriage, 77  
   dimensions of, 113, 114, 116, 117, 111–118  
   essentialism and social constructionism, 110–111  
 sexually active women, 127  
 Sierra Leone  
   IMR in, 203  
   life expectancy, 173  
   PeMR in, 208  
 Singapore  
   fertility rates in, 79  
   IMR in, 203  
   MMR in, 209  
   PeMR in, 208  
   population policy of, 394–395, 399  
   SBR in, 208  
   TFR in, 68  
 single, 134  
 Slovenia, 83  
*Small is Beautiful*, 388  
 social constructionism, 110–111  
*Social Organization of Sexuality: Sexual Practices in the United States*, 111  
 social science  
   age and sex in, 280  
   and declining city populations, 382–385  
   and world population projections, 422–424  
 socioeconomic status  
   and IMR, 205  
   and mortality, 200–201  
   and population distribution, 384–385  
 sociological human ecology theory, 31  
 Somalia  
   family planning in, 126  
   MMR in, 209  
 South Africa  
   and unauthorized immigration to, 261  
   depopulation in, 80  
   HIV/AIDS in, 185  
 South America, 367  
 South Korea  
   adolescent fertility in, 83, 84  
   age heaping, 291  
   and destiny of males, 15  
   and unauthorized immigration to, 261  
   fertility rates in, 79  
   population policy of, 395, 399, 412, 411–414  
   population pyramid, 286, 286–287  
   sex ratio, 294, 294–295  
   SRB of, 12  
   TFR in, 68  
   total dependency, old-age,  
     youth-dependency ratio, 289, 290  
   Whipple's method, 292  
 South Sudan  
   family planning in, 126  
   MMR in, 209  
   nonuse of contraception, 126  
   TFR in, 67  
 Spain  
   and unauthorized immigration to, 261  
   total dependency, old-age,  
     youth-dependency ratio, 289  
 Spanish 'flu, 182, 181–183  
 spermicides  
   failure rate, 139, 140–141  
   popularity of, 129  
 sponge. *See* contraceptive sponge  
 SRB. *See* sex ratio at birth  
 stable population theory  
   definition of, 177  
   importance of, 268, 282–283  
 Standard Days Method, 128, 143, 143–144  
 standardization (CDR and ASDR), 168–173  
*State of Emergency*, 255  
 stationary population, 283  
 stem pessary, 159  
 sterility  
   and contraception, 127  
   as proximate determinant, 77–78  
   definition of, 75  
   United States, 132  
 sterilization  
   as proximate determinant, 76–78  
   failure rate, 139, 156–159  
   most common areas for female, 129

517 **Subject Index**

- United States, 132
  - world usage of, 126
- stillbirth, 53
- stillbirth rate (SBR), 207–208
- subdermal contraceptive implant, 155–156
- subfecundity, 75
- suburbanization, 381–384
- surgical sterilization, 156
- surveys, 54–57
- survival of the fittest, 198
- sustenance organization, 281
- Swaziland
  - depopulation in, 80
  - HIV/AIDS in, 185
- Sweden
  - fertility rates in, 79
  - IMR in, 203
  - life expectancy, 211
  - MMR in, 209
  - PeMR in, 208
- Switzerland
  - adolescent fertility in, 83
  - and unauthorized immigration to, 261
- Symptothermal Method (contraceptive), 145
- Tauber paradox, 214
- Taiheiyo Belt*, 381
- Taiwan
  - and destiny of males, 15
  - CBR in, 61
  - fertility rates in, 79
  - male fertility, 92
  - population policy of, 395, 399
  - SRB of, 12, 297, 298
  - TFR in, 68
- taxonomy, 314
- teenagers
  - and contraception usage, 135, 135–136
  - birth rates for, 85, 86, 84–87
- testosterone
  - and high blood pressure, 281
  - and sex determination, 269
- Texas Triangle, 380
- The Danish Girl*, 274
- The Villages (Florida)
  - migration to, 7
  - population growth of, 376
- theoretical effectiveness (of contraceptive), 139, 138–139
- theory
  - Demographic Transition, 23, 22–26
  - epidemiological transition, 27–28
  - fertility, 26–27
  - internal migration, 28–32
  - international migration, 32–33
- third demographic transition, 25
- This Crowded World*, 342
- total dependency ratio, 289, 289
- total fertility rate (TFR)
  - and GFR, 70
  - and life tables, 73–74
  - history of world, 67, 68, 66–69, 71
  - males, 91–92
  - world, 78–81
- tourist, 237
- transgender, 273–276
- transsexual, 273–276
- Transsexual Phenomenon*, 275
- Triple X syndrome, 271
- Tunisia, 396
- Turkey, 373
- Turner's Syndrome, 271
- Turning Point*, 152
- Two-Day Method (contraceptive), 145
- typical use (of contraceptive), 138
- US Agency for International Development (USAID), 389
- US Citizenship and Immigration Services, 14, 361
  - HIV/AIDS in, 185
  - total dependency, old-age, youth-dependency ratio, 289
- Ukraine, 80
- Ultimate Resource*, 423
- UN. *See* United Nations
- unauthorized immigrant, 262, 260–263
- undocumented immigrant, 262, 260–263, 362
- UNDESF. *See* United Nations Department of Economic and Social Affairs
- UNFPA. *See* United Nations Fund for Population Activities
- UNHCR. *See* United Nations High Commissioner for Refugees
- UNICEF. *See* United Nations International Children's Emergency Fund
- UNOHCHR. *See* United Nations Office of the High Commissioner for Human Rights
- United Arab Emirates (UAE)
  - CDR, 166
  - international migration to, 238
  - sex ratio, 295
- United Kingdom
  - and unauthorized immigration to, 261
  - family planning in, 126
  - international migration to, 239
- United Nations (UN)
  - age/sex pyramid, 10
  - and adolescent fertility, 83, 84
  - and age-specific fertility rates, 66
  - and decline in global mortality rates, 189
  - and determination of age, 268
  - and international migration, 239
  - and national censuses, 36, 39

518 **Subject Index**

- United Nations (*cont.*)  
 and old-age dependency ratio, 81  
 and potential support ratios, 411  
 and Whipple's Index, 292  
 and world population projections, 344, 345, 417  
 and world urbanization, 373, 372–373  
 HIV/AIDS, 185  
 life expectancy projections, 190, 191  
 low and high fertility countries, 78–79  
 registers as human right, 48–49
- United Nations Department of Economic and Social Affairs (UNDESA), 128
- United Nations Fund for Population Activities (UNFPA), 389–392
- United Nations High Commissioner for Refugees (UNHCR), 242–243
- United Nations International Children's Emergency Fund (UNICEF)  
 and birth registrations, 49–50  
 and global neonatal mortality rates, 206
- United Nations Office of the High Commissioner for Human Rights (UNOHCHR), 270
- United Nations Population Division, 14
- United States  
 adolescent fertility in, 83, 85, 86, 84–87  
 age curve of mortality, 169  
 ASDRs, 169, 170  
 ASFR in, 64–65  
 births to unwed mothers, 106, 109, 105–109  
 CDR, 166  
 contraception behavior, 131–137  
 fertility change in the, 81–82  
 GFR in, 62, 61–63  
 IMR in, 203, 204–205  
 life table, 173  
 marriage age in, 100, 101, 99–102  
 megalopolis trend in, 380–381  
 metropolitanization of, 378, 379, 377–380  
 MMR in, 209  
 mortality statistics in, 195, 197, 199, 191–201, 361, 360–361  
 national census history, 39  
 nonuse of contraception, 127  
 PeMR in, 208  
 population change in, 349  
 potential support ratio, 412, 412  
 registers in, 50–54  
 SRB of, 297  
 TFR in, 67, 67  
 total dependency, old-age,  
   youth-dependency ratio, 289  
 urban agglomeration in, 373  
 urbanization of, 371–372
- United States households  
 childlessness in, 90, 89–91  
 cohabitation and marriage, 103, 104, 105, 102–105  
 family patterns in, 99–110  
 race and ethnicity patterns, 319, 321, 318–322
- United States internal migration  
 consequences of, 228–231  
 movers and migrants in, 216–217  
 regional shifts in, 222  
 residential mobility, 220  
 selectivity, 227–228  
 trends in, 224, 224–231
- United States international migration  
 as receiving country, 6, 361–362, 363, 404–405  
 as sending country, 255–260  
 history of, 245, 254, 243–255  
 popularity of, 239
- United States policy  
 healthcare, 403  
 immigration, 406–410  
 world population, 388–392
- United States population  
 aging of, 303, 304, 305, 301–307  
 census data to apportion House of Representatives, 39, 43  
 change in, 348–364  
 distribution, 13, 366, 369, 375, 376, 374–376  
 projections of, 419  
 pyramid, 285, 287, 288  
 size of, 368
- urban agglomeration, 373, 373  
 urban area, 365, 370  
 urban cluster (UC), 377  
 urban growth, 371–372  
 urban places, 370  
 urbanism, 370  
 urbanization, 373, 370–373  
 urbanized area (UA), 377  
 use effectiveness (of contraceptive), 138  
 utopianism, 20
- vaginal contraceptives  
 definition of, 128  
 history of, 140
- vaginal ring, 155
- vasectomy, 157–158
- Vatican City State, 244
- Venezuela, 169, 170
- Vietnam, 396
- visa overstayers/overstays, 260
- vital statistics  
 as human right, 48–49  
 certificates, 50–54  
 completeness of in world, 49–50  
 definition of, 47  
 voluntary childlessness, 90, 90–91

**519**      **Subject Index**

- wan-xi-shao* program, 397–398
- war
  - and immigration to the US, 255
  - and mortality, 185–186
  - and population decline, 353
  - and population policy, 402, 407
- water resources, 419–421
- Way We Never Were: American Families and the Nostalgia Trap*, 95
- wealth flows theory, 26–27
- Welfare and Reform Act (1996), 409
- welfare costs, 257
- Whipple's method, 291–292
- white flight, 382
- WHO. *See* World Health Organization
- Wide Open Town*, 45
- withdrawal (birth control method)
  - definition of, 128
  - failure rate, 139, 145–147
  - history of, 124
  - United States, 132
- women
  - and feminist population policies, 391
  - and migration, 8
  - and MMR, 208–210
  - cohabitation, 104, 105, 102–105
  - first union, 103
  - homosexual, 113, 114, 117, 120, 120–121
  - marital status of, 101
  - world sterilization rate, 126
- World Bank, 232, 256
- World Factbook*, 204
- World Fertility Survey (WFS), 54
- World Health Organization (WHO)
  - and global stillbirths, 207
  - and International Classification of Diseases, 187
  - and major causes of global mortality, 188, 190
  - and maternal deaths, 208, 209
  - and unsafe abortions, 131
  - death registration, 50
  - global HIV infections, 183
- World is Flat*, 424
- World Population Clock, 13
- World Population Conferences, 388–392
- World Population Prospects (report), 185, 189
- world systems theory of migration, 32
- youth-dependency ratio, 289, 289, 304
- Zambia, 55
- zero net international migration, 263–265
- Zimbabwe, 185
- zygote, 59, 161–162