

Index

- access to the Internet *see* digital divide, global digital divide, international comparisons of Internet use, number of Internet users, penetration rate to the Internet, use versus access
- adolescents *see* teenagers
- affordances *see* social affordances
- Africa, 78–9, 85–6, 90, 499, 503, 506
- African-Americans, 17, 20, 46, 49–59, 61, 68–72, 88, 92–3, 97, 100–2, 127–9, 135, 192, 226, 234–8, 410–22; *see also* Chinese-Americans, Korean-Americans, race and ethnicity
- age, 16–21, 46, 50–9, 61, 69–70, 77, 87–8, 91, 98, 102, 104, 126–9, 135, 143–6, 151–2, 170, 175–84, 226, 234–8, 273, 295, 300, 306, 311, 314, 318, 334, 355, 381, 437, 472, 559, 567, 574; *see also* middle-age, seniors, teenagers
- airplanes, 32, 348–9
- alienation, 8; *see also* psychological states
- anonymity, 407
- Argentina, 14, 84
- ASCII, 79
- Asia, 13, 83–6, 90, 97–9, 410, 499
- Asian-Americans, 50–9, 68–72, 226, 234–8, 416–22; *see also* race and ethnicity, Chinese-Americans, Korean-Americans
- asynchronous communication, 8, 349, 400, 435, 451; *see also* email, web browsing, web pages, webboards
- attitudes towards the Internet, 60–5; *see also* psychological states
- auctions online, 58, 62–3
- audio, 435–60
- Australia, 13–14, 83–5
- Austria, 84
- automobiles, 32, 348–9
- autonomy, 79, 469
- avatars, 5
- awareness of the Internet, 18, 118, 129–32, 135
- bandwidth, 497, 512, 516, 559
- banking online, 58, 62–3; *see also* financial activity online
- Belgium, 84
- bibliographies of Internet research, 205–6
- Blacksburg study, 12, 28, 29, 31–2, 325–44
- Brazil, 14, 84
- broadband *see* high speed connection to the Internet
- browsing *see* web browsing
- Bulgaria, 14
- Burning Man, 4

- cable modem *see* high speed
 connection to the Internet
- Canada, 12–16, 19, 84–5, 297, 351–68,
 467–92; *see also* Netville, telework
- cellphones *see* mobile telephone
- center–periphery, 77–8
- changes in Internet use over time, 30
- chat rooms, 8, 20, 56, 60–5, 124, 292,
 299, 302, 311–15, 328, 380, 419,
 432, 435; *see also* synchronous
 communication
- childcare, 159, 167–9, 234–8, 251–6,
 467, 477–8, 482, 521–45
- children's use of the Internet, 10; *see*
also domestic use of the Internet
- Chile, 84
- China, 14, 77, 85, 190, 406, 410, 418–21
 urban predominance on the
 Internet, 77
- Chinese-Americans, 416–22; *see also*
 Asian-Americans, race and
 ethnicity
- churches, 331; *see also* religion
- civic engagement *see* civic
 involvement
- civic involvement, 8, 24–5, 29, 31,
 114–38, 175–8, 292–3, 310–18,
 325–44, 411–15; *see also* political
 involvement
- civil liberties, 33
- CMC *see* computer mediated
 communication
- Colombia, 84
- communication, 263–88, 372–400
 computer-mediated *see* computer
 mediated communication
 facilitating, 395–7
 media multiplexity, 29, 264–5
 mode of, 346, 433–4
 overload, 282
 restrictive, 395–7
 in small groups, 328, 338
 speed of, 396–7
- community, xxviii, 293, 313
 attachment, 334–41, 404–22, 544–5
 centers, 47, 92, 100, 107
- computer networks, 328–42
 development, 329–32, 341
 enhancement of, 4–5, 8, 67–72,
 123–4, 294–5, 318, 327–8, 374, 406
 loss of, 4, 8, 115, 123, 175, 292, 295,
 317, 374, 405–8, 509
 multiple, 32–5, 441–60
 new forms of, 4–5, 124, 217
 online, 123, 133–4, 217, 294, 313–19,
 346, 408, 414–22, 435, 449, 459,
 515, 522–45
 sense of, 82, 102–4, 293, 313–19, 335,
 404–22, 438
 as social network, 346–7
- computer mediated communication
 (CMC), 124–5, 264, 348–51, 375,
 400, 408, 443, 457, 501–2, 516
- computer networks, 79, 543
- content analysis, 196–7
- cookies *see* privacy online
- coordination messages, 393–4
- core–periphery *see* center–periphery
- creativity, 124
- Croatia, 84
- cultural activities (concerts, theater),
 175–8
- Current Population Survey (CPS), 49,
 188, 192–3
- cybercafes, 47
- Czechoslovakia, 144–5
- data sets for studying Internet use,
 186–214, 549–77
- dating, 175–8
- demographics of Internet users *see*
 Internet users' characteristics
- Denmark, 13–14, 84, 144–5
- depression, 30–1, 115, 247, 295, 329,
 438, 524, 534–8, 544; *see also*
 psychological states
- developed countries, 13, 28, 83–5, 500
- developing countries *see* less-
 developed countries
- diaries *see* time use
- diffusion of Internet use *see* growth of
 Internet use

- digital divide between countries *see*
international comparisons
- digital divide within countries, 6–7,
11–18, 81, 77–9, 90, 122, 129, 134,
145–6, 164–84, 188, 193, 216, 294,
328, 332, 407; *see also* age, gender,
income, race, rural location,
socioeconomic status, urban
location
- digital dividend, 100–5
- distance between Internet users, 26–8,
31–3, 87, 93–6, 148, 303, 307–8,
311, 349–51, 356–68, 384, 390–3,
399
- distance learning, 12, 23, 264, 311,
314–17, 432–61
compared with traditional distance
education, 433–4, 454
number of, 433
- domestic use of the Internet, 9, 23, 31,
53, 60–7, 87, 90, 103, 154–5, 160–1,
166–7, 180–1, 228–31, 265,
373–400, 445–60, 465–92
- domestic relations, 8–9, 21, 25, 26–8,
34, 61, 155, 224–7, 233, 329, 335–7,
387–90, 434–7, 448–60, 464–91; *see
also* childcare, intergenerational
relations, marital relations
- door-to-door ties, 34
- downloading music, 51, 56, 60–5, 435
- dropouts *see* former users of the
Internet
- DSL *see* high-speed connection to the
Internet
- duration of time online in a single
Internet session *see* time online
- dystopias, 347
- early adopters, 18, 59–60, 329, 341; *see
also* growth of Internet use,
innovativeness
- Eastern Europe, 86
- e-commerce, 31, 332, 419, 549–77, 550;
see also information seeking –
products, shopping online
- economy, xxix–xxx, 503, 549–50
- education, 16–18, 28, 46, 50–9, 61,
68–70, 83, 87–9, 92–3, 100–5,
127–8, 132, 145, 153–4, 157, 160,
165–8, 171–4, 234–8, 251–4, 273,
300, 306, 310–14, 318, 330–2, 334,
355, 377, 381, 431–63, 507; *see also*
socioeconomic status
- Egypt, 14
- electronic mail *see* email
- email (electronic mail), 6–7, 19, 32,
60–5, 67–71, 93–107, 146–8, 153–8,
165–8, 171–4, 236–8, 263–88, 292,
298–303, 308, 315–17, 328, 345–68,
375–400, 409, 418, 435–60, 470,
502, 506, 551; *see also* frequency of
contact – email
attachments to, 436
typologies of messages and
messaging, 393–7
- employment status (full-time, part-
time, unemployed), 87–91, 98,
102, 104, 159–60, 170–4, 300, 306,
311, 314; *see also* work
- empowerment, xxviii, 101, 480, 485
- English language, predominance on
the Internet, 79, 83, 86–91
- ethnicity *see* race and ethnicity
- ethnographic analysis, 346, 353, 471–2
- Europe 13, 144–6, 470, 500; *see also*
European Union
- European Union, 86
- experience with the Internet, 17–18,
29, 47, 80–1, 218, 300, 304, 409,
438, 514, 559–77; *see also*
frequency of Internet use, heavy
users of the Internet, length of
Internet use, light users of the
Internet, time online
- ex-users *see* former users of the
Internet
- face-to-face contact, 93–4, 107, 110,
141, 264–6, 271, 275–83, 308,
327–9, 338–40, 374–5, 439–60, 479,
490, 558, 566; *see also* frequency of
contact – face-to-face

- family *see* domestic relations, kinship
 fax, 275–83
 financial activity online, 58–72; *see also*
 banking online, stock trading
 online
 Finland, 14, 84, 470
 focus groups, 418–20
 former users of the Internet, 18–19,
 126, 129–33, 153–7
 France, 14, 83–4, 144–5, 190
 frequency of Internet use 6, 21, 28,
 30–1, 50–9, 60–72, 87, 93–6, 143,
 147–8, 218–19, 263–80, 316; *see also*
 experience with the Internet,
 heavy users of the Internet,
 length of Internet use, light users
 of the Internet, time online
 email use, 28, 51, 54, 67–72, 146–8,
 157–8, 262–88, 303–4, 308, 354–68
 face-to-face contact, 28, 68–72,
 131–2, 275–82, 303, 308, 316
 fax, 275–82
 paper (except fax), 275–82
 telephone use, 68, 141, 275–82, 303,
 308
 web use 146–8, 157–8
 friendship, 25–8, 67–72, 87, 93–6, 102,
 132–4, 224–7, 236–8, 304–5,
 309–17, 329, 335–7, 345–68, 381–7,
 390–3, 406, 414–15, 420–2, 431–63,
 543; *see also* community,
 sociability
- Gaillard, J., 499
 gambling online, 58, 329
 games online, 6–7, 23, 51, 60–5, 149,
 175–8, 299, 302, 311, 314, 380,
 385–6, 432, 442
 gender, 16, 20, 29–31, 46, 50–9, 61, 69,
 77, 88, 91, 98, 102, 104, 125–9, 143,
 148, 170–84, 234–8, 300–2, 306,
 311, 314, 355, 372–400, 436–7, 487,
 504, 507, 561–70, 574; *see also* men,
 women
General Inquirer, 196–7
 General Social Survey (US), 298
 generational shift, 327
 geographical mobility, 30, 35, 335–6,
 345–72, 391
 German Socio-economic Panel
 (GSOEP), 12, 164–84
 Germany, 12–14, 83–4 144–5, 164–84,
 190
 East compared with West, 166–70
 Gershuny, J., 140
 Ghana, 506
 global digital divide *see* international
 comparisons of Internet use
 globalization, 77–8, 508–9, 516; *see also*
 center-periphery
 glocalization, 32, 348, 365–8
 government policy about the Internet,
 19
 Greece, 84
 greeting cards, 298
 groupware, 5
 growth of Internet use, 4, 13, 45,
 59–61, 165–6, 329, 331, 419,
 499–506, 512, 549
 in science, 501–3
 see also early and late adopters,
 innovativeness, number of
 Internet users, penetration rate of
 the Internet, science, specific
 countries
 GSS *see* General Social Survey (US)
- happiness, xxviii; *see also*
 psychological states, well-being
 health information *see* information
 seeking – health
 heavy users of the Internet, 155,
 275–81, 306; *see also* experience
 with the Internet, frequency of
 Internet use, time online
 high-speed connection to the Internet,
 144, 351–68, 559–66
 Hispanic-Americans, 17, 19, 46, 50–9,
 61, 226
 history of the Internet *see* growth of
 Internet use
 hoaxes, 121–2

- hobbies, 7, 54, 60–5; *see also*
 information seeking – hobbies
- Homenet study 12, 20, 31, 246–7,
 378–400, 438
- homeowners, 30, 335–6, 352
- home use of Internet *see* domestic use
 of the Internet
- home–work boundary *see* domestic
 relations, domestic use of the
 Internet, marital relations, work –
 extra at home
- Hong Kong, 13–14, 84–5, 190
- hoteling, 470, 477
- households, 10, 91, 139–63, 167–9,
 251–4, 333, 445–60, 465–92; *see also*
 domestic relations, domestic use
 of the Internet, life-course, marital
 status
- Hungary, 83–4, 90
- Ikeda, K., 524
- immigrants, 164, 167–8
- income, 16–18, 28, 46, 61, 129, 135,
 167–9, 330, 334, 377, 381, 555,
 561–3, 567; *see also* socioeconomic
 status
- India, 12, 14, 83–4, 90, 505, 513; *see also*
 Kerala
- information seeking, provision and
 exchange, 6–7, 19, 51, 54, 60–72,
 306, 311–14, 326, 330–2, 340, 513,
 528–45, 557, 561; *see also* web
 browsing
- books, entertainment, movies,
 music, plays, 7, 56, 380, 385–6; *see*
also music online, downloading
 music
- childcare, 528–45; *see also* childcare,
 domestic relations
- employment, 58, 62–3; *see also* work
- finances, 54, 57, 60–7, 551
- governments and their programs,
 57, 60–5, 296, 332
- health and medical care, 7, 58,
 67–72, 528–45
- hobbies, 56, 60–72, 380, 385–6
- housing, 58, 62–3
- news, 60–5
- politics, 57, 60–5, 296; *see also*
 information seeking – news
- products, 54, 57, 60–7, 551
- religion, 57, 62–3; *see also* churches,
 religions
- school work, 62–3, 67; *see also*
 schools
- scientific research, 496–519; *see also*
 science
- sports, 56, 62, 67
- travel, 7, 57, 60–7, 551
- weather, 56, 60–5
- work, 64–7
see also banking, e-commerce,
 stocks, travel
- information society, 140, 146, 161,
 347–8
- innovativeness *see* early adopters
- instant messaging, 7, 51, 56, 62, 124,
 380, 395–7, 400
- instrumental use of the Internet, 5, 60,
 96–108
- intergenerational relations, 21, 61,
 388–90, 400, 521–45; *see also*
 childcare
- international comparisons of Internet
 use, 11–16, 74–111, 145, 496–519
- Internet activities, comparative scope
 of, 6–7, 19–21, 50–66, 148–9,
 194–5, 216, 295–6, 442, 522; *see also*
 specific activities
- Internet addiction, 4, 48, 329
- Internet adoption *see* growth of the
 Internet
- Internet paradox, 115
- Internet Relay Chat (IRC), 435–60
- Internet telephone, 6
- Iran, 14
- Iraq, 14
- Ireland, 84
- isolation *see* community – loss of,
 loneliness, less developed
 countries – scholarly isolation in,
 negative effects of the Internet

- Israel, 14, 84
Italy, 83–4, 144–5, 190
- Japan, 12, 14, 190, 521–45
job training online, 64, 331
- Kenya, 14
Kerala, 12, 15, 503–17; *see also* India
kinship, xxviii, 26–8, 67–72, 87, 93–6, 103–4, 133, 155, 224–7, 304–5, 309, 311–18, 335–7, 382–90, 399, 436–7
Korea *see* South Korea
Korean-Americans, 410, 416–22; *see also* Asian-Americans, race and ethnicity
- late adopters, 18–19, 329, 339–41; *see also* early adopters, growth of the Internet
- Latin America, 86, 499
Latinos *see* Hispanic-Americans
learning community, 436–60
LEEP Distance Education study, 12, 436–63
leisure activities (not on the Internet), 99, 149, 153–7, 175–8, 183, 232–3, 255, 260, 447; *see also* music, reading and sports
leisure use of the Internet, 62, 99, 170, 193; *see also* specific activities
length of Internet use, 9, 16–19, 30–1, 47, 53, 80, 86–7, 90–111, 300–14, 335–8; *see also* experience with the Internet, newbies, veterans
length of residence, 335–6
less-developed countries, 11–16, 28, 75–111, 498–517
scholarly isolation in, 498–500, 509
libraries, 332, 435, 507
life-course, 31, 35, 148, 157, 160, 167–9
life-style, 143, 148–9
light users of the Internet, 275–81, 306, 520–48; *see also* experience with the Internet, frequency of Internet use, time online
limitations of technology, 515
listservs, 330–3, 340
local area (local connectivity) *see* neighbors and neighborhood
loneliness, 24–31, 115, 247, 299, 315, 318, 374, 405–7, 438, 509; *see also* community, loss of
longitudinal analysis, 14, 22, 31, 142–61, 165–84, 199, 434, 528–45
Los Angeles, 404–22
lurkers on the Internet, 520–48
- mail *see* email, postal mail
Malaysia, 84
marital relations, 33, 159, 300, 306–7, 311, 314, 457–8; *see also* domestic relations, marital status
marital status, 87–8, 91, 98, 102–4, 167, 226, 234–8
Matthew effect, 533
media gap *see* digital divide
medical information *see* information seeking – health
men, 17–21, 31, 46, 50–9, 103, 147–8, 164–84, 334, 373–400, 566–70; *see also* gender, women
Metamorphosis project, 12, 411–22
Mexico, 14, 83–5
middle-age, 17, 21; *see also* age
mobile telephones, 33–4, 120–1, 505, 522
mobility *see* geographical mobility
motherhood *see* childcare
motives for using the Internet, 129, 563
MUDs (Multi-User Dimensions), 47, 124, 299, 302, 311, 314
multilingualism, 86–91, 98, 102–4, 552
music, 23–4, 51, 56, 60–5, 175–8, 435; *see also* downloading music
- National Geographic* study, 12, 75–111, 294, 297–9
National Telecommunications and Information Agency (US), 188–9
negative effects of the Internet on society, arguments for, 48, 115–16,

- negative effects of the Internet on
 society, arguments for, (*Cont.*)
 122–3, 135, 140, 158, 216–42,
 246–7, 292–6, 329–30, 399–400,
 405–10, 434, 500, 511–16, 558–66,
 573–5
- neighbors and neighborhood, 24–5,
 28–9, 33, 48, 132, 335–7, 350, 409,
 415, 421–2
- netiquette, 11; *see also* norms
- netizens, 17, 31, 60–5
- Netherlands, 83–4, 144–5
- Netscan™, 200–3
- Netville study, 12, 28, 31–2, 329,
 351–72, 409
- network society *see* networked
 society
- networked society, xxix–xxxi, 10, 32–3,
 346–8
- networked individualism, xxxi, 33
- newbies (newcomers to the Internet),
 18, 91, 47, 60–5, 80–1, 86–7,
 90–111, 151–8, 295, 297, 380
- news, newspapers, and television
 news, 7, 23–4, 57, 68–72, 141,
 328–9, 334; *see also* information
 seeking – news
- newsgroups *see* Usenet newsgroups
- New Zealand, 83–4
- Nigeria, 502–3
- non-OECD countries *see* less
 developed countries
- non-users of the Internet 19, 126,
 251–2, 345–72
- norms, 433; *see also* netiquette
- North America 13, 75–111, 297–320; *see
 also* Canada, United States
- Norway, 14, 84, 144–5
- NPR/Kaiser/Kennedy School Study,
 218, 225
- number of Internet users, 11–15, 75,
 144; *see also* penetration of the
 Internet, specific countries
- occupation, 330
- Oceania, 13, 83–6
- OECD countries *see* developed
 countries
- offline activity, 10–11, 23–31, 95–6,
 141–3, 159, 417, 421, 441
- organizations, 33, 47, 310–11, 332, 336,
 436–7, 466–9
- Pacific islands *see* Oceania
- Palm™ *see* personal digital assistants
- PDAs *see* personal digital assistants
- Philippines, 84
- penetration rate of Internet use, 9,
 13–14, 60–5, 69–72, 77, 83, 100,
 108, 126, 144–5, 167–73, 292,
 335–6, 433, 522; *see also* number
 of Internet users, specific
 countries
- persistent conversations, 433–4
- personal computers, 79
- personal digital assistants, 271
- personalization, 34
- Pew Internet & American Life studies,
 12, 20, 45–72, 115–16, 218, 233,
 236, 247, 377–8, 381–4, 388, 392–3,
 398, 409
- Pittsburgh *see* Homenet study
- place of Internet use, 53; *see also*
 cybercafes, community centers,
 domestic use of the Internet,
 school use of the Internet,
 workplace use of the Internet
- place-to-place ties, 33–4
- political involvement, 122, 130–1, 135,
 312–13, 329, 339, 406; *see also* civic
 involvement, information seeking
 – politics
- Portugal, 84
- positive effects of the Internet on
 society, arguments for, 48, 67–72,
 115–17, 135, 216–17, 247–8, 294–7,
 329, 347, 399–400, 404–10, 434,
 499–501, 508–11, 514–16
- postal mail, 32, 131, 275–82, 298; *see
 also* frequency of contact – paper,
 greeting cards
- presentation of self online, 434

- privacy online, 551, 558, 563, 567–8, 573–5
- private space, 33, 292, 450, 469, 474–8
- proximity, 391, 439; *see also* distance between Internet users, neighbors and neighborhoods
- psychological states *see* alienation, attitudes towards the Internet, depression, happiness, loneliness, self-efficacy, self-esteem, well-being
- public space, access to the Internet from, 33, 91, 154; *see also* third places, community centers, cybercafes
- Puerto Rico, 84
- Putnam, R., 326–8, 334, 339–41, 447
- quality of life, 326–30, 339–41
- race and ethnicity, 16–17, 20, 50–9, 68–9, 127–8, 192, 300, 306, 311, 314, 421; *see also* African-Americans, Asian-Americans, Hispanic-Americans, immigrants, white Americans
- radio, 24, 254–6
- railroad, 348–9
- reading, 23, 91, 175–8, 254–6, 503–4, 516–17
- reciprocity, 525, 539–44
- recreational use of the Internet, 54–55, 96–108, 193; *see also* leisure use of the Internet
- relationships, 33, 293, 372–406, 524
- reliability of online information, 513–14
- religion, 130, 335–7; *see also* churches
- religious involvement, 175–8
- research design and methods, 49–50, 82–5, 118–20, 189–205, 142–4, 150–2, 160–1, 165–6, 217–21, 248–50, 269–72, 297–9, 333, 351–6, 377–80, 411–15, 434–7, 471–2, 505–8, 525–8, 552–6, 572; *see also* content analysis, ethnographic analysis, time use studies, web surveys
- retirement, 17, 155–9; *see also* senior citizens
- Rogers, E., 59–61
- rural location, 77–9, 332
- Russia, 14, 77–9
- urban predominance on the Internet, 77
- Sack, W., 199–201
- sampling issues *see* research design and methods
- Saudi Arabia, 14
- scholarly community, 496–519
- school use of the Internet 10, 91, 175–8, 432–60; *see also* children's use of the Internet, distance learning, school work online
- school work online, 64–7, 432–60
- science, 496–517
- developed countries' domination of science, 509–11
- Science and Technology in the Third World study, 12
- SDA *see* Survey Data Analysis
- software
- security, 558, 563, 567, 573
- self-efficacy, 30, 544–5; *see also* psychological states
- self-esteem, 534–7, 534–8, 544; *see also* psychological states
- seniors, 17, 21, 170–84; *see also* age, retirement
- September 11, 2001 attack, 121
- shared interests and activities, 28
- shopping online 6–7, 20, 58, 60–72, 329, 549–75; *see also* e-commerce, information seeking – products
- Singapore, 84–6, 190
- SIQSS study *see* Stanford Institute for the Quantitative Study of Society study
- skill in computer use, 79, 179, 557–8
- sleep, 251–2

- sociability and social interaction,
xxx–xxxi, 8, 22–6, 47, 60–72, 82,
114–38, 159, 175–8, 233–40, 254–6,
295–8, 302–14, 335–7, 345–68, 373,
385, 393–7, 404–22, 433–58, 449,
573; *see also* friendship
- social affordances of the Internet,
348–51
- social capital, 24–5, 31, 117, 122, 135,
146, 175–8, 292–320, 327–42, 422,
543–5
- social characteristics of Internet users,
10, 16, 61–5, 80–111, 127, 267, 298,
301–6, 311, 314–15, 334–5, 351–2,
377–9, 398, 412–13, 437, 471–2,
505, 526–8, 552–3
- social cohesion, 122; *see also*
community – sense of
- social consequences of the Internet,
115, 408–10; *see also* positive
effects of the Internet on society,
negative effects of the Internet on
society
- social groups, 331, 335–7
- social interaction *see* sociability
- social isolation *see* community – loss
of, loneliness, less-developed
countries – scholarly isolation in
- social mobilization, 120–1
- social networks, 35, 70, 143, 148, 153,
159, 199–205, 217, 267–8, 292, 301,
329, 340–1, 346, 351–2, 375, 399,
404–22, 437, 442–8, 453–6, 486,
505, 517, 522, 534, 543–5
- social presence, 307
- social shaping of technology, 405–10,
420–2
- social support 8, 22, 30, 68–9, 79–80,
120–1, 319, 332, 354–68, 437,
450–60, 521–45
- Social Support for Japanese Mothers
study, 12
- socioeconomic status, 11, 50–9, 68–70,
76, 89, 109, 145, 165–6, 330, 341,
398, 437, 471–2, 505, 561–3; *see also*
education, employment status,
income, social characteristics of
Internet users, work
- South Africa, 14, 83–5
- South Korea, 14, 190, 202–5, 406, 410,
416–21
- Spain, 14, 83–4, 144–5, 470
- special interest groups *see*
communities – online
- sports, 175–8; *see also* information
seeking – sports
- Stanford Institute for the Quantitative
Study of Society study, 12, 20,
216–42
- stock and bond trading online, 58,
62–3
- stress, 30, 247, 264, 453–4, 469, 524,
532–7, 543–6; *see also*
psychological states
- strong ties, 35, 543–5; *see also* weak ties
- students, 435–60
- study design *see* research design and
methods
- suburbia, 351–72
- support *see* social support
- support groups, online, 62–3, 521–45
- Survey Data Analysis software, 190–3,
210
- survey methods *see* research design
and methods
- Survey 2000 *see* National Geographic
study
- Survey 2001, 83
- Sweden, 13–14, 84, 190, 470
- Switzerland, 84
- synchronous communication, 8, 435–9;
see also audio, chat rooms, instant
messaging, Internet Relay Chat,
telephone
- Syntopia study, 12, 114–38
- Taiwan, 190
- technological support, 331
- Technology Research Group study,
12
- teenagers, 17, 22, 46, 170–84; *see also*
age

- telecommunications industry, 465, 470–1, 486–7
- telephone, 6, 19, 24–8, 90–7, 104, 107, 131–2, 141–3, 157–8, 275–83, 298, 316–17, 328, 331, 348–9, 375, 395, 409, 435–60, 505, 515; *see also* frequency of contact – telephone, mobile telephone
- television, 22–3, 68–72, 156–7, 175–8, 230–8, 245–6, 254–6, 306, 311–14, 328, 334
- television news *see* news, television
- telework 8–9, 23, 144, 159, 464–90
number of, 470
productivity of, 471
support for, 485–90; *see also* work, doing extra at home
- temporal freedom, 349, 478–82
- third places, 47; *see also* community centers, cybercafes, public spaces
- time budgets *see* time use
- time constraints, 227–8
- time diary studies *see* time use studies
- time online, 6, 9, 17, 20, 26, 51–4, 145–8, 224, 263–80, 306–14, 432, 459, 559–71; *see also* experience with the Internet, frequency of Internet use, heavy users of the Internet, light users of the Internet
- time shifts *see* temporal freedom
- time use, 21–2, 26–7, 139–63, 215–42, 244–61, 434, 444–51, 459, 478–84
- time use studies, 195–6, 216–62, 148–51, 471
- Todai Health Index, 546
- tracking survey, 49–50
- traditional media, 91, 96–8, 102–4, 141, 245–8, 266, 420; *see also* fax, postal mail, radio, telephones, television
- training *see* job training online
- travel, 153, 251–2, 471
reservations online, 58, 62–3; *see also* information seeking – travel
- trust, 327–8, 340–1, 549–77
- Turkle, S., 329
- typologies of Internet users, 59–65
- UCLA study (UCLA Center for Communication Policy) *see* World Internet Project
- under-developed countries *see* less-developed countries
- unintended social consequences of Internet use, 240
- United Kingdom, 12–14, 17–19, 139–63
- United States 9–20, 46–72, 115, 120–35, 217–40, 250–61, 269–84, 297, 351–68, 377–400, 411–20, 435–60, 470, 497, 500, 513, 552–75; *see also* North America
- urban location, 77, 421, 570
- Usenet newsgroups, 6–7, 124, 200–3, 292, 295
- use versus access to the Internet, 77–80, 218, 251–2
- utopias, 5, 347
- Venezuela, 84
- very large-scale conversations (VLSC), 200–1
- veteran Internet users, 47, 80, 86–7, 90–111; *see also* newbies
- videoconferencing, 266
- video downloads and online watching, 62
- virtual community *see* communities – online
- voluntary organizations, 33, 310–11, 314, 327–42; *see also* civic involvement, churches, organizations
- weak ties, 35, 543–5; *see also* strong ties
- webboard, 435–60
- web browsing, 6–7, 19, 51–4, 60–5, 146–8, 157–8, 195, 302, 311, 314–15, 392, 516
- web-browsing for fun, 54, 62, 67
see also information seeking

- web networks, 202–5
 - centralization in, 203
- web pages, 331, 436
- WebShop, 206–10
- web site, 332–3, 340
- webspaces, 331
- websurfing *see* web browsing
- web surveys, 82–5
- Web-TV, 220
- Webuse Data Archives, 12
- WebUse portal, 12, 187–90
- weekday vs. weekend use of Internet, 60–7, 232–4
- weekly rhythms of Internet use, 45–72
- well-being, 30, 48, 523–5; *see also*
 - psychological states
- Wellman, B., 326
- Whack-A-Pol™, 198–9
- white Americans, 17–20, 49–59, 192, 418; *see also* race and ethnicity
- wired communities *see* Blacksburg study, Netville study
- Wired* magazine, 5
- women, 17, 20, 31, 46, 103–5, 147–8, 169–84, 334, 373–400, 467, 472, 520–51; *see also* gender, men
- work, 8, 159, 273, 300, 436–7, 452–3, 466–7, 485–7; *see also* employment status, hoteling, science,
 - telework
 - extra at home, 64–7, 159, 218, 228–31, 464–91; *see also* telework
 - managerial control of, 468–9, 486–91
 - relations at, 8, 224–7, 467, 485–6
 - training online *see* job training online
 - status *see* employment status
 - use of the Internet for, 54, 60–7, 90–3, 100, 153–5, 165–6, 172–5, 182, 230, 263–88, 335–7, 444, 465–92
 - worker control of, 466–92
- workplace
 - size, 174–5
 - use of the Internet, 53, 61, 87, 90, 228–31
 - see also* hoteling, telework
- World Internet Project, 12, 28, 75, 115, 188, 218, 233, 236, 449, 552, 573
- World Trade Center, 119–21
- World Wide Web *see* web site, web browsing