## Index

African Americans, 2, 7, 30, 41 attitudes to technology, 103–104 and digital exclusion, 98, 120–121,	Bush (George W.) administration, 151, 153
146–147 and Internet access, 109–112, 116, 125, 131, 132 and Internet use, 113, 115, 118	Cable modem access, 124 Cantwell, Maria, 74 Chat rooms, 67–71, 82 and online news, 86–87
Age and broadband access, 131, 132 and Internet use, 96, 114–115, 118–119	and probability of voting, 92–93, 144 Cheney, Dick, 51 Children
"American dream," 5 Ascriptive hierarchy, 4, 7–9, 95, 121–122, 145–150. <i>See also</i> Digital	and Internet access, 109–110, 132, 136 and parents' Internet use, 106, 113
divide Asian Americans, 38, 83, 115, 132–	Citizenship, 1, 140, 157. See also Digital citizenship
133	and ascriptive hierarchy, 4, 7–9, 95, 121–122, 145–150
Banking, online, 26 Bowling Alone, 50	liberal tradition of, 4–5, 46, 89, 122, 140–142
Britain, 151 Broadband, 18–19, 123–137 access, 131–133, 135–136	republican tradition of, 6–7, 47–48, 69, 89, 142–145 U.S. traditions of, 2, 4–9, 47–48
applications of, 126–127 availability of, 124–125 benefits of, 125–127	Civic engagement, 6–7, 18, 47–66.  See also Political participation decline of, 49
cost of, 125 defined, 123	defined, 48 elements of, 55–57, 59–64, 142–143
and digital experience, 133–136 and Internet use, 127–128, 133–135, 148–149	and Internet use, 49–52, 142–145 and online news, 52–56, 59–63, 143 of young Americans, 48, 63–64, 66,
municipal networks, 154–155 Brown, Jerry, 73	89, 142–143 Clinton administration, 151

Communication in chat rooms, 71 interpersonal, 50, 52, 55 mass, 67, 69 online, 67–69 small-group, 67 Community Internet, 154–156 Community Technology Centers Program, 151 Community welfare, 6–7 Computer use, 28–30, 39 CPS survey, 32–34, 96, 101, 106–107

"Cyberbalkanization," 50-51

Darwinism, 7 Dean, Howard, 51, 63 Deliberative democracy, 70–71, 87–88 Democracy. See also Civic engagement; Political participation deliberative, 70–71, 87–88 participatory, 6–7 Demographic trends in Internet use, 96–100 methodology, 34, 35 Dependency theory, 75, 88 Digital citizens, 1–2, 140 Digital citizenship and broadband, 136-137 and civic engagement, 65-66 defined, 1–2 and economic opportunity, 45-46, 142 and frequency of Internet use, 1-2, 9-12, 18, 107, 139-140 inequalities, 1, 8–9, 13–15, 120–122 predictors of, 112–116 Digital divide, 1, 8–9, 13–15, 95–122 causes of, 101 and economic class, 149-150 and gender, 105–106, 119, 148 and income, 98 and Internet access, 109-112, 131-133 and less-educated, 98, 101, 112, 115, 117–119, 141, 150 and minorities, 98-105, 109-112,

116-121, 145-150

Digital experience, 133–136. See also Internet skills Digital subscriber line (DSL), 123 E-commerce, 24 Economic opportunity, 45–46, 142. See also Income Economy, U.S. and broadband access, 126 income inequality, 17, 22, 25 and information technology, 5-6, 21, 25-27productivity, 23–24 Education and digital divide, 98, 101, 112, 115, 117–119, 141, 150 and income, 26–27, 29, 30, 38, 39– 41, 150 and Internet access, 112, 132 and Internet skills, 154 and Internet use, 15, 27, 39-42, 46, 98, 101, 115, 117–119, 141, 147 online courses, 42 public, 5, 6, 148–149 and technology, 153-154 Edwards, John, 51 Egalitarianism, 4–5 E-mail, 67–68, 73–75, 82 and political mobilization, 88 and probability of voting, 85-86, 91-93, 144 England, 151 Equal opportunity, 5, 22 E-Rate program, 151 Exclusion, civic, 7–9. See also Digital divide Externalities, 3–4

Gender divide, 8, 105–106, 113, 115–117. *See also* Women and age, 119 and disadvantaged groups, 148 Gorton, Slade, 74 Government. *See also* Policy funding, 151, 153–154 Internet and, 7

Hartz, Louis, 4 "Highly wired" users, 11 High-speed access, 18–19 Hispanics. See Latinos "Horatio Alger" myth, 5 Income, 27–46 and broadband access, 132 and computer use, 28-29 and digital exclusion, 98 and education, 26–27, 29, 30, 38, 39-41, 150 household, 43–44 inequality, 17, 22, 25 and Internet skills, 28-29 and Internet use, 30–31, 37–38, 42– 46, 115, 120, 141–142 of minorities, 38, 40-41, 149 and online courses, 42 and voting, 80 weekly earnings, 37–38, 40 of women, 18, 41-42 Individualism, 4–5 Inequality, 2. See also Digital divide broadband access, 131-133 income, 17, 22, 25 Inflation, 23 Information costs, 76, 88 Interest groups, 74 Internet access, 9–10, 12, 18 African Americans, 109–112, 116, 125, 131, 132 broadband, 131-133, 135-136 and children, 109–110, 132, 136 and digital divide, 109–112, 131– and education, 112, 132 and minorities, 109-112, 131-133, 135 - 136Internet skills, 8, 9–10, 12–15 and broadband access, 133-136 and education, 154 and income, 28–29 and less-educated workers, 21–22, 26–27, 29–30, 150 level of, 26 range of, 133-134

and wages, 28–29 women and, 105 Internet use, 133–135. See also Chat rooms; E-mail; Online news and age, 96, 114–115, 118–119 and broadband, 127-128, 133-135, 148 - 149and civic engagement, 49–52, 142– demographic trends, 96-100 dropouts, 14 and education, 15, 27, 39-42, 46, 98, 101, 115, 117–119, 141, 147 frequency of, 1–2, 9–12, 18, 107, 113–116, 139–140 and income, 30–31, 37–38, 42–46, 115, 120, 141–142 and language, 102 and minorities, 45, 113, 115, 118, 120, 146–147 parents and, 106, 113 and place of residence, 104–105 and women, 106, 113, 115–117, 120 - 121

Jefferson, Thomas, 6, 139

Kerry, John, 51, 63

Latinos, 2, 18, 30, 41
attitudes to technology, 103–104
and digital exclusion, 98, 120–121
and Internet access, 109, 111–112,
116, 131, 147
and Internet use, 113, 115, 117, 118,
147
Liberalism, 4–5, 46, 89, 122, 140–
142
Library access, 152
Library Service and Technology Act,
152
Literacy, 14–15
Locke, John, 4
Lockean liberalism, 4–5

Marshall, T. H., 1 Mass communication, 67, 69

and civic engagement, 52-56, 59-McCain, John, 51 Media. See also Online news 63, 143 mainstream, 53-54, 84-86 and political participation, 75–78, and political discussion, 70 81–85, 88, 143 and probability of voting, 90-91, 93 and political participation, 72, 87-Outsourcing, 27 and voter turnout, 75-76 Media-system dependency theory, 75, Participatory democracy, 6–7 Pew surveys, 34–37, 56, 68, 78–79, "Meetups," 51 96, 128 Policy, 150-157 Methodology, 16–17, 56–59 CPS survey, 32–34, 96, 101, 106– and equality of opportunity, 5-6 federal, 151-152, 156 logistic regression model, 129 and Internet use, 3-4, 12 Political campaigning, 51, 88, 144-NES survey, 56 Pew surveys, 34–37, 56, 68, 78–79, 145 Political participation, 67–93. See also 96, 128 probability simulations, 89-93, 113-Civic engagement; Voting and chat rooms, 67–68, 69–71, 82, two-stage causal models, 48, 68 143–144 Mexican Americans, 102 and communication, 67–69 Minorities. See also African decline of, 72 Americans; Latinos and discussion, 55, 61, 70 and e-mail, 73-75, 82, 85-86, 88, Asian Americans, 38, 83, 115, 132– 143 - 144digital exclusion of, 98–105, 109– and interest in politics, 55 112, 116–121, 145–150 and media, 72 income of, 38, 40–41, 149 meetups, 51 mobilization of, 71-75, 82, 88, 93 and Internet access, 109–112, 131– and online news, 75–78, 81–85, 88, 133, 135–136 and Internet use, 45, 113, 115, 118, 90-91, 93 120, 146–147 and voter knowledge, 54, 55 Poverty, 2, 150. See also Income Mexican Americans, 102 Moveon.org, 63 Probability simulations, 89-93, 113-Multivariate methods, 16–17 Municipal networks, 154–155 Public education, 5, 6, 148–149. *See* also Education NES survey, 56 Putnam, Robert, 50 News, online. See Online news Newspapers, 84–86 Racial diversity, 81, 83 No Child Left Behind Act, 153-154 Reading comprehension, 14–15, 54– Nonprofit programs, 153 Nonverbal communication, 50 Relocation, job, 27 Republicanism, 6–7, 47–48, 69, 89, 142 - 145Online communication, 67–68 Online courses, 42 Rural Internet access, 131, 133, 136– Online news, 7, 50, 51 137

Search, online, 14
Self-selection, 79
Sen, Amartya, 2
Slavery, 7
Small-group communication, 67
Smith, Rogers, 2, 4
Social cues, 50
Social Darwinism, 7
Social inclusion, 1
Social trust, 50, 52
Spillover benefits, 3–4

Technology Literacy Fund, 153
Technology Opportunities Program, 151
Telecommunications, 69
Television news, 53, 61, 82, 84–86
Tocqueville, Alexis de, 5, 47
Trust, social, 50, 52
"Two-tiered pluralism," 7–8

United Kingdom, 151 U.S. Libraries Program, 152

Variable coding broadband study, 129-130 digital divide study, 108-109 online news study, 58–59 voter turnout study, 80-81 wages study, 32-37 Ventura, Jesse, 73–74 Voting, 2, 79, 145. See also Political participation and chat rooms, 82, 86-87, 144 and e-mail, 68, 73-75, 82, 85-86, 88, 144 and income, 81 and media, 75-76and online news, 75-78, 81-85, 88 and political mobilization, 73, 75, 82 probability of, 89-93, 143-144 voter knowledge, 54, 55

Wages. See Income Wireless technologies, 155 Women, 8, 30 and broadband access, 135 and digital exclusion, 105–106, 119, 148 income, 18, 41–42 and Internet use, 106, 113, 115–117, 120–121 in online discussions, 52