Aakvik, A., 201-202	Amerein, A. L., 249
Ability, 79–80	American Federation of Teachers, 246
age-earning profiles and, 59, 62, 65-66	Americans with Disabilities Act (ADA),
mixed-ability schools and, 103-109, 118-	214
119, 122–123	Anderson, B., 135
peer effects and, 79-80, 175-176	Anderson, C. A., 7, 14
perceived, 131–138	Angrist, J. D., 195-196, 201
school choice and, 275–276, 281–286	Arcidiacono, P., 74
Acemoglu, D., 130	Argys, L. M., 175
Affirmative action, 227	Aria, M., 64
African Americans, 14–16	Ariga, Kenn, 129-154
affirmative action and, 227	Arkansas, 249
distributional issues and, 176-177, 180,	Armor, D. J., 174, 183
182–183	Arrow, K., 52
National Assessment of Educational	
Progress (NAEP) and, 162-163	Ballou, D., 243
National Longitudinal Survey of Young	Bandura, A., 196
Men (NLSYM) and, 210–211	Bank of Italy, 297
peer effects and, 81	Bankston, C., 74
spending per pupil and, 222–229	Barnsley, R., 132
Texas schools and, 165–167	Bayer, P., 96
Age-earnings profiles	Becker, Gary, 13, 51-53, 64
ability bias and, 59, 62, 65-66	Beerends, H., 198–199
earnings over time, 58–59	Belgium, 192
gender and, 54, 56	Bergström, F., 20
Malmö Longitudinal Study and, 51–66	Berliner, D. C., 249
omitted-variable bias and, 52	Berman, E., 147
part-time/full-time labor and, 55	Bertocchi, G., 131
positive bias and, 57–58	Betts, Julian R., 16, 75, 209-237
premiums over time, 59, 62–63	Bible, 11
real earnings and, 63–64	Bishop, John H., 9, 19, 241-271
Sweden and, 51-67	Bismarck, 11
tax register data and, 54-55	Björklund, A., 53, 65
Aghion, P., 130–131	Blackburn, M. L., 52
Alabama, 247	Blanden, J., 47, 124
Alexander, K. L., 176	Bond, L. A., 249
Allen, J., 132	Books, 7, 9
Altonji, J., 259	Boozer, M. A., 173
•	

Botticini, M., 11	Callender, C., 44
Bound, John, 225–226	Calvinists, 10
Boyson, R., 108	Campaign for Fiscal Equity v. State of New
Bradley, S., 20, 276	York, 210
Braun, H., 254	Campbell, D. E., 274–275
Brewer, D. J., 175	Canada, 192, 201–202
Britain, 18	Capitalism, 11
British Cohort Study (BCS) and, 32–37,	Card, D., 13
42, 45–46, 48n8	Carnegie units, 244
British Household Panel Survey (BHPS)	Carnoy, M., 254
and, 42–43	Caroli, E., 130–131
Central Advisory Council and, 106	Cawley, J., 108, 112
comprehensives and, 106	Central Advisory Council, 106
Department for Education and Skills	Centraal Instituut voor Testontwikkeling
(DfES) and, 41–42, 106, 278	(Cito) test, 198, 200
economic decline and, 30–37	Certificates of secondary education (CSEs),
Education Reform Act and, 277	106
11 plus examination and, 109	CESifo, 4
General Household Survey and, 37–38	Checchi, Daniele, 20, 293–310
grammar schools and, 105–106, 109, 124	Chieng, S. Y., 131
intergenerational mobility and, 29–47	Choice
Key Stage 2 (KS2) tests and, 279, 281–282	Britain and, 273–288
local education authorities (LEAs) and,	Department for Education and Skills
106–116, 119, 277–286	(DfES) and, 278
National Child Development Study	economic issues of, 294–297
(NCDS) and, 32–37, 42, 45–46, 48n8,	Education Reform Act and, 277
108–109, 112, 115	feasibility of, 280–281
National Pupil Database (NPD) and, 278	Italy and, 293–307
postcompulsory expansion and, 41–46	Key Stage 2 (KS2) tests and, 279, 281–282
Pupil Level Annual School Census	literature on, 274–276
(PLASC) and, 274, 278–280	local education authorities (LEAs) and, 277–286
rising educational attainment in, 37–41 school attendance and, 192	
school choice and, 273–288	oversubscription and, 277–278
school-leaving laws and, 201–202	parents and, 277, 281 perceived quality and, 293–307
secondary modern schools and, 105 selective systems and, 103–125	postresidential, 282–286 private schools and, 294–296, 301–307
technical schools and, 105	Pupil Level Annual School Census
tracking and, 130–131	(PLASC) and, 274, 278–280
British Cohort Study (BCS), 32–37, 42, 45–	secondary schooling and, 276–278
46, 48n8	sorting characterization and, 275–276,
British Household Panel Survey (BHPS),	281–286
42–43	vouchers and, 274–275
Brown v. Board of Education, 14, 183	Chubb, J., 274
Brunello, Giorgio, 129–154	Civil rights, 5. See also Coleman Report
Bryk, A. S., 74	Americans with Disabilities Act (ADA)
Buddin, R. J., 295, 303	and, 214
Burgess, Simon, 273–291	Brown v. Board of Education and, 14, 183
	Civil Rights Act of 1964, 14, 162, 214
Cahan, S., 193	Education for All Handicapped Children
Caldas, S. J., 74	Act and, 214–215
California, 233	Clotfelter, C. T., 74, 81, 87, 95, 276
*	

Cobb-Douglas production function, 139 Elementary and Secondary School Act Code of Practice, 278 and, 163 Cohen, N., 193 equal opportunity theory and, 211-215 Coleman Report, 3 Head Start program and, 163 distributional issues and, 162, 164-165, length of school year and, 162 167, 173, 180 mobility and, 176, 180, 183 National Assessment of Educational parents and, 164 performance standards and, 14-21, 162, Progress (NAEP) and, 19, 160-163 164 - 165No Child Left Behind Act and, 159 production function analysis and, 164 peer effects and, 167-176, 185n14, 186n18 racial issues and, 173 production function analysis and, 164 teachers and, 164-165 pupil-teacher ratios and, 161 racial issues and, 161-162, 176-177, 180, Comprehensive systems, 103-109, 122-123, 129, 154n11 182 - 183SAT tests and, 162 Computers, 200-201, 203, 248 Consumer Price Index, 215 school inputs and, 177-179 Cook, M. D., 173-174 school outcome differences and, 160-165 Cordes, J. J., 295 socioeconomic status and, 174-175 Costrell, R. M., 246 spending issues and, 209-234 teachers and, 161-171, 179-182 Counts, George, 4 Cox, C. B., 108 Texas schools and, 165-184 District of Columbia, 233 Crain, R., 173-174 Creedy, J., 51 Dobbelsteen, S., 196 Cremin, L. A., 12 Driscoll, M. E., 74 Crook, D. R., 108 Drive-time zones (DTZs), 279–280 Dropouts, 201-202, 236n17 Crouchley, R., 276 graduate equivalency diploma (GED) Cunha, F., 205 Curriculum-Based External Exit Exam and, 244, 250 Systems (CBEEES), 254 National Educational Longitudinal Study (NELS-88) and, 250-253 Currie, J., 9, 192 Cutler, D. M., 279-280 Drucker, Peter, 10-12 DuBois, W. E. B., 12 Dare the School Build a New Social Order? Duncan, B., 279 (Counts), 4 Duncan, O. D., 279 Dustmann, C., 131 Dauber, S. L., 176 Dearden, L., 108 Dyson, A., 108 DeCicca, P., 250 Dee, T. S., 250-251 ECHP data, 143-144 De Fraja, G., 293, 295 Eckstein, Z., 11 De Graaf, P. M., 7 Economic issues Denton, N. A., 279-280 age-earnings profiles and, 51-67 Department for Education and Skills aspect of autonomous volition and, 218 (DfES), 41–42, 106, 278 Brown v. Board of Education and, 14 Campaign for Fiscal Equity v. State of New Desegregation, 97n5, 173-174 York and, 210 Difference-in-differences (DD) approach, capitalism and, 11 Diplomas. See Graduation class size and, 191-192 Distributional issues Consumer Price Index and, 215 causal influences and, 174, 178–179 earning capacity and, 209 class size and, 177-179 equal opportunity theory and, 211-215 extra funding effects and, 197-201 Coleman Report and, 162, 164–165, 173, 180 finance reform and, 209-234

Economic issues (cont.)	family and, 5 (see also Family)
Great Depression and, 4, 12	Gutenberg press and, 10
growth in secondary education and, 12-	higher, 8, 41–44, 241, 257–258
13	household income and, 7, 9 (see also
higher education and, 42–44	Economic issues)
household income and, 7, 9	human-capital theory and, 12-14, 29-47,
human-capital theory and, 12–14	51–67, 129–154, 191–205
intergenerational mobility and, 29-47	impact of by country, 7–10
Jews and, 11	institutionalism and, 6
liquidity constraints and, 131-133	language and, 11, 166–167, 201
literacy and, 10–11	liquidity constraints and, 131-133
minimum-competency exams (MCEs)	literacy and, 10–11
and, 258–261	minimum-competency exams (MCEs)
National Child Development Study	and, 242
(NCDS) and, 32–37	minimum standards and, 241-246
National Educational Longitudinal Study	National Educational Longitudinal Study
(NELS-88) and, 247-261, 267	(NELS-88) and, 247–261, 267
nation building and, 11–14	nation building and, 11–14
peer groups and, 17–18	overeducation and, 149
private schools and, 294-296, 301-307	peer effects and, 17-18, 73-96 (see also
public educational finance lawsuits and,	Peer effects)
209	production function analysis and, 164
pupil-teacher ratios and, 161	raising student achievement and, 37-41,
school choice and, 294-297	243-246
school expenditures and, 14-16, 177-	reform and, 3-4, 241-267 (see also
179	Reform)
scrip payments and, 12-13	religion and, 3, 10-11
social mobility rates and, 9	school choice and, 273-307 (see also
socioeconomic status (SES), 242, 247-	Choice)
261, 266–267, 273–288, 294–296, 301–	segregation and, 14-15, 97n5, 162, 173-
307	174, 276
spending per pupil and, 210, 215-234	selective systems and, 103-125
Survey on Household Income and	special, 166-167, 192-193
Wealth (SHIW) and, 297-298	specialization and, 131-133
tax base and, 186n24	study habits and, 244-245
Texas schools and, 165	upskilling and, 131, 149
total factor productivity (TFP) growth	urban-rural differences and, 15
and, 142	vocational, 9, 12, 57, 59-61, 105, 129, 201-
unconstitutional financing and, 209-210	203, 205
urban-rural differences and, 15	Education for All Handicapped Children
Edin, PA., 53, 64–65	Act, 214–215
Education. See also Schools	Education Reform Act, 277
advancement and, 29	Edwards, M. R., 249–250
age-earnings profiles and, 51-67	Elementary and Secondary School Act,
ancient Greeks and, 6, 10	163
books at home and, 7, 9	11 plus examination, 109
Brown v. Board of Education and, 14, 183	Ell, R., 131, 148
compulsory, 3	End-of-course exams (EOCEs), 246, 266-
Department for Education and Skills	267
(DfES) and, 41-42, 106, 278	Entwisle, D. R., 176
dropouts and, 201-202, 236n17, 244, 250-	Epple, D., 73, 275–276
253	Epple, R., 129, 132–133

Equality of Educational Opportunity. See	teacher quality, 167-168
Coleman Report	tracking model, 135-144, 150-153
Equal opportunity	Esping-Andersen, G., 7
alternative means for, 229–232	Europe. See also Specific country
Americans with Disabilities Act (ADA)	books in home and, 7, 9
and, 214	choice interventions and, 20
choice and, 273-307 (see also Choice)	religion and, 11
circumstances and, 211-212	socialism and, 3, 5
class size and, 14-16, 161, 177-179, 191-	test scores in, 7
197, 203, 243	tracking and, 129-131, 142-149
Coleman Report and, 3, 14-21, 162, 164-	Evans, W. N., 173–174
165, 167, 173, 180	
different meanings of, 4–6	Family, 6
distributional issues and, 159-184	books at home and, 7, 9
early reasons for, 3	distributional issues and, 161-162
Education for All Handicapped Children	educational impact by country, 7-10
Act and, 214–215	higher education and, 42-44
efficiency and, 21-22	household income and, 7, 9
effort and, 211-212	inequality in, 5
as equal performance, 6	intergenerational mobility and, 29-47
growth in secondary education and, 12-	parents and, 9 (see also Parents)
13	perceived quality and, 305
Head Start program and, 163	vested interest of, 6
human capital policy and, 191-205	Fast ForWord (FFW), 201
intergenerational mobility and, 29-47	Fernandez, R., 133, 295
level playing field and, 211	Ferreyra, Maria, 73
limited English proficiency (LEP)	Ferri, J., 108
programs and, 166-167	Fershtman, C., 295
National Assessment of Educational	Figlio, D., 108, 275, 295
Progress (NAEP) and, 162-163	Firms, 138–139
National Longitudinal Survey of Young	Florida, 247
Men (NLSYM) and, 210–211	Fogelman, K., 108
new social order and, 4-6	France, 9, 129, 192
No Child Left Behind Act and, 159,	Fredricksen, Norman, 254
184n2, 215	Freeman, Richard, 225–226
perceived quality and, 293-307	Free-school-meal (FSM) pupils, 276
in practice, 214–215	Friedman, 274
race-blind policies and, 211, 227-229	
reform and, 209-234 (see also Reform)	Gali, J., 295
school choice and, 273-307 (see also	Galindo, C., 250
Choice)	Galindo-Rueda, Fernando, 18, 103–128
selective systems and, 103–125	Galor, O., 137
spending per pupil and, 209–234	Gamoran, A., 129
theory of, 211–215	Garces, E., 192
type and, 212, 222–226	Gavira, A., 74
Equations	Gender
age-earnings profile, 57	age-earnings profiles and, 54, 56
equal opportunity policy, 214	intergenerational mobility and, 38–39
intergenerational mobility, 31, 34–35, 44	peer effects and, 75, 80–81, 84–86, 88,
selective system analysis, 113–114	98n14
spending per pupil, 217, 219–221, 227,	General Household Survey, 37–38
229	Georgia, 246–247

Germany, 192	reform and, 210, 243, 254
Bismarck and, 11	Harmon, C., 108
educational system of, 10-11	Harvard University, 4, 15
school tracking and, 129, 142-149	Haveman, R., 108
selective systems and, 104	Hawaii, 247
tracking and, 129-130, 142-149	Head Start program, 163
Giannini, Massimo, 129-154	Heath, A., 131
Givnoles, Anna, 18	Hebrew, 201
Glaeser, E. L., 279–280	Heckman, J., 15, 51, 108, 112, 205
Glenn, C. L., Jr., 11	Hedges, L. V., 243
Glennerster, H., 277	Henderson, V., 175
Glomm, G., 295	Herrnstein, R. J., 15
Goldberger, A. S., 15	Higher education, 41, 244
Goldin, C., 12	family income and, 42–44
Goodman, A., 44	National Educational Longitudinal Study
Goux, D., 131	(NELS-88) and, 8, 257–258
Grade-level equivalent (GLE), 242, 255,	High school, 253–257
266–267	Hind, A., 277
Gradstein, M., 3, 11, 295	Hispanics
Graduate equivalency diploma (GED),	distributional issues and, 176–177, 182–
244, 250–253, 260	183
Graduation, 241	National Assessment of Educational
end-of-course exams (EOCEs) and, 246,	Progress (NAEP) and, 162–163
266–267	National Educational Longitudinal Study
graduate equivalency diploma (GED)	(NELS-88) and, 249
and, 244, 250–253, 260	peer effects and, 80–81, 85–86, 88
increased course requirements and, 243–	Texas schools and, 165–167
245	Hochschild, J., 5–6
minimum-competency exams (MCEs)	Hoff, David J., 209–210
and, 242, 245–246, 249, 251, 255, 258–	Hoffer, T., 20
261, 266, 268n2, 269n14	Holmlund, B., 53, 64–65
National Educational Longitudinal Study	House of Labor, 12
(NELS-88) analysis and, 247–261, 267	Howell, W. G., 20, 273–275, 286
study habits and, 244–245	Hoxby, C. M., 16, 53, 64–65, 132, 194, 274,
tougher requirements for, 247–261	286
Grammar schools, 105–106, 109, 124	Human capital, 12–14
Grawe, N., 34	age-earnings profiles and, 51–67
Great Depression, 4, 12	intergenerational mobility and, 29–47
Greeks, 6, 10	Netherlands and, 191–205
Green, A., 129 Greenwald, R., 243	tracking and, 129–154 upskilling and, 131, 149
	upskinning and, 151, 149
Gregg, P., 124 Griliches, Z., 52, 66	Immigration, 11, 112
Grogger, J. T., 173	Income. See Economic issues
Gust, C., 147	Institute of Education, 14
Gutenberg press, 10	Institute of Education, 14  Institutionalism, 6
Gueriberg press, 10	Intelligence quotient (IQ), 196
Hallgren, Siver, 54	Intergence quotient (1Q), 176  Intergenerational mobility
Hamilton, L., 253	British Cohort Study (BCS) and, 32–37,
Hanushek, Eric A., 16–18	42, 45–46, 48n8
distributional systems and, 159–190	British Household Panel Survey (BHPS)
peer effects and, 75	and, 42–43
poor enecto ura, ro	, <u>1</u>

changes over time and, 31-32	Koretz, D., 253
data requirements for, 32	Krueger, A. B., 16, 73, 130, 194-195, 201,
decline in, 30-37	243
Department for Education and Skills	Kumar, D., 130
(DfES) and, 41–42	
educational attainment and, 37–41	Labor, 131, 172
education as leveler and, 29	age-earnings profiles and, 51–67
gender and, 38–39	educational advancement and, 12-13
General Household Survey and, 37–38	General Household Survey and, 37–38
National Child Development Study	graduate equivalency diploma (GED)
(NCDS) and, 32–37, 42, 45–46, 48n8	and, 260
postcompulsory schooling expansion	human-capital theory and, 12–14
and, 41–46	intergenerational mobility and, 29–47
statistical models and, 44–46	minimum-competency exams (MCEs)
transition matrices and, 35–40	and, 258–261
Ishida, H., 129	minimum diploma standards and, 241–
Italy, 20, 192	246
centralized educational structure of, 296–297	National Educational Longitudinal Study (NELS-88) and, 258–261
perceived quality and, 293-307	specialization effect and, 131–133
private schools and, 294–296, 301–307	spending per pupil and, 209–234
Programme for International Student	tracking and, 139–142, 150
Assessment (PISA) survey and, 296–297	vocational education and, 9, 12, 57, 59-
school choice and, 293-307	61, 105, 129, 201–203, 205
standardized national tests and, 304-305	Ladd, H. F., 74, 81, 87, 95, 274
Survey on Household Income and	Laine, R., 243
Wealth (SHIW) and, 297-298	Lam, D., 52
	Lamberti, M., 11
Jacobs, B. A., 250, 254	Language, 11
Japan, 19, 129	Fast ForWord (FFW) and, 201
Jappelli, Tullio, 20, 293–310	limited English proficiency (LEP)
Jaynes, G. D., 162	programs and, 166–167
Jencks, C., 5, 15, 74, 163, 274	Lankford, H. R., 295, 303
Jesson, D., 108	Lavy, V., 195–196, 201
Jews, 11	Law of iterated projections, 135
Johnson, Eric, 233	Layard, R., 143
Johnson, W. R., 9	Lazear, E. P., 79
Judson, R., 132	Lee, E. S., 295
Justman, M., 3, 11, 295	Legal issues
V d C F 11	Brown v. Board of Education and, 14, 183
Kaestle, C. F., 11	Campaign for Fiscal Equity v. State of New
Kain, John, 159, 169–170, 174–176, 179	York and, 210
Kaplan, G., 44	desegregation and, 97n5
Katz, L., 139	school-leaving laws and, 201–202
Kentucky, 209–210 Kerbow, D., 176	unconstitutional financing and, 209–210 Leney, T., 129
Kerckhoff, A. C., 106–108	Leuven, Edwin, 9, 16, 191–208
Key Stage 2 (KS2) tests, 279, 281–282	Levacic, R., 20
King, D., 249	Levin, J., 196–197
Kirby, S. Nataraj, 295	Levine, D., 47
Kjellström, C., 53, 64–65	Levy, F., 9
Kolgore, S. B., 20	Lillard, D., 250
Q-14, 41 -1, -4	,,

Limited English proficiency (LEP) Millington, J., 276 programs, 166-167 Mincer, J., 13, 51-53, 57, 64 Lindbeck, A., 130 Minimum-competency exams (MCEs) Link, C. R., 74-75 dropouts and, 251 Linn, R., 253 labor and, 258-261 Liquidity constraints, 131-133 tougher standards and, 242, 245-246, 249, 251, 255, 266, 268n2, 269n14 Literacy, 10-11 Local education authorities (LEAs) Mississippi, 247 Moav, O., 137 British system and, 106–116, 119 school choice and, 277-286 Moe, T., 274 Lochner, L. J., 51 Moffitt, R. A., 75 Loeb, S., 254 Moore, J., 135 Long, J. E., 295 Moriarty, J., 250, 254, 269n14 Lopoo, L., 47 Mosteller, Frederick, 15–16 Louisiana, 246-247 Moynihan, Daniel P., 15 Lutherans, 10 Muller, W., 129, 131, 148 Mulligan, J. G., 74-75 McCaffrey, D., 253 Mullis, I. V. S., 7, 19 McConnell, Brendon, 273–291 Murgatroyd, S. J., 108 Machin, Stephen, 10, 29-50, 124, 147 Murname, R. J., 9 McLanahan, S., 5 Murphy, K., 139, 295 McMillan, R., 96 Murray, C., 15 Madaus, G., 257 Mahard, R. E., 173 National Assessment of Educational Maimonides' rule, 195 Progress (NAEP), 19, 160-163, 254 National Center for Education Statistics, Malmö Longitudal Study, 51–52 database description, 53–57 earnings over time, 58-59 National Child Development Study educational levels and, 52 (NCDS) empirical model using, 57-58 intergenerational mobility and, 32-37, 42, premiums over time, 59, 62-63 45-46, 48n8 selective systems and, 108-109, 112, 115 results gleaned from, 63-66 National Commission on Excellence in Mane, Ferran, 19, 241–271 Manning, A., 108 Education, 243-244 Manski, C. F., 15, 75 National Educational Longitudinal Study Mare, R. D., 5 (NELS-88) Markman, J. M., 174 college and, 257-258 Markman, L., 201 dataset for, 247-249 dropout rates and, 250-253 Marks, J., 108 Marquez, J., 147 high school and, 253-257 Maryland, 246-247 labor market and, 258-261 Massey, D. S., 279-280 National Longitudinal Survey of Young Math scores, 81, 86, 243-244 Men (NLSYM), 210-211, 215, 219, 221, 225 Maurin, E., 131 Mayer, S., 47, 74-75, 174 National Pupil Database (NPD), 278 Mazumdar, B., 47 Neal, D., 5, 9, 16, 20, 162, 274 Meghir, C., 108, 201–202 Nechyba, Thomas, 73–96, 275 Meier, V., 3, 11 Netherlands, 16 Mellander, E., 52 class size and, 194-197, 203 Meyer, B. D., 203 computers and, 200-201, 203 Meyer, S. E., 5 difference-in-differences (DD) approach Mieszkowski, P., 175 and, 202

disadvantaged students and, 199-201	Page, M., 108
dropouts and, 201-202	Palme, M., 108, 201–202
educational system of, 9	Parents
extra funding effects and, 197-201	advantages of having both, 5
human capital policy and, 191-205	Coleman Report and, 164
ICT and, 199-201, 206n4	educational levels of, 9, 226
school attendance and, 192-194	intergenerational mobility and, 29-47
school-leaving laws and, 201-202	mother's influence and, 5, 275
STAR experiment and, 194-195	nature/nurture and, 131
tracking and, 129	peer effects and, 80-81, 87
vocational program extension and, 201-	school choice and, 277, 281
203, 205	type partition and, 226
Neumark, D., 52	vested interest of, 6
Nevada, 246–247	Peer effects
New Jersey, 233, 246–247	ability and, 79-80, 175-176
Newlon, E., 73, 129, 132–133	causal interpretation and, 80-95
New Mexico, 247, 249	dataset for, 77–80
New York, 210	distributional issues and, 185n14, 186n18
dropouts and, 255	endogenous/exogenous, 75-77, 90, 94
minimum-competency exam system and,	fixed-effect specification and, 81-87
266–267	future directions for, 95–96
State Regents Exams, 242, 246, 261	gender and, 75, 80-81, 84-86, 88, 98n14
vouchers and, 274–275	Hispanics and, 80–81, 86, 88
New Zealand, 192	literature on, 74–77, 96n1
Nicholson, S., 74	mobility and, 177
Nickell, S., 143	observational data and, 73
No Child Left Behind Act, 159, 184n2,	parents and, 80-81, 87
215	performance standards and, 73–96, 167–
Noise effect, 132-133, 142	176
North Carolina, 246–247	policy and, 73, 75-76
administrative data from, 77-80	positive selection bias and, 73
busing plans of, 89	racial issues and, 80–81, 85–86, 88, 173–
desegregation and, 97n5	174
end-of-grade tests in, 77	regression analysis and, 80-87
peer effects study in, 73–96	selective systems and, 175–176
1	social multiplier effects and, 75
Oakes, J., 175	socioeconomic status and, 174-175
OFSTED, 277	standard-deviation measures and, 79-80
Ohio, 246	study results of, 80-87
Ohlsson, R., 63	teachers and, 74–76
Oklahoma, 249	test scores and, 74, 77, 80-95
Olofsson, J., 63	turnover effects and, 74, 89–90, 94
Omitted-variable bias, 52	variable bias and, 87–95
Oosterbeek, Hessel, 9, 16, 191–208	Pelikan, J., 10
Oppenheimer, V. K., 5	Penalosa, G., 130–131
Ordinary least squares (OLS) analysis, 90,	Pennell, H., 277
119, 236n17	Perceived quality
Oreopoulos, P., 201	dataset for, 300
Organization for Economic Cooperation	family and, 305
and Development (OECD), 7, 147, 192,	measurement of, 297–301
296–297	private schools and, 301–307
Overeducation, 149	regression analysis of, 301–305
	-0 300000

Perceived quality (cont.) Peterson, Paul E., 3-27, 273-275, 286 resource indicators and, 298-301 Phillips, M., 5, 15, 163 robustness tests and, 304-305 Pierret, C. R., 259 standardized national tests and, 304-305 Pischke, J.-S., 202 Survey on Household Income and Pischke, S., 108 Wealth (SHIW) and, 297-298 Plato, 6 Performance standards Podgursky, M., 243 accountability systems and, 254 Policy attendance and, 192-194 affirmative action and, 227 class size and, 14-16, 161, 177-179, 191-Americans with Disabilities Act (ADA) 197, 203, 243 and, 214 Coleman Report and, 14–21, 162, 164–165 benevolent-dictator view and, 183-184 Brown v. Board of Education and, 14, 183 course graduation requirements and, 243-245 choice and, 273–288 (see also Choice) class size and, 14-16, 161, 177-179, 191-Elementary and Secondary School Act and, 163 197, 203, 243 end-of-course exams (EOCEs) and, 246, Coleman Report and, 3, 14-21, 162, 164-266-267 165, 167, 173, 180 extra funding effects and, 197-201 compulsory attending age and, 192-194 graduate equivalency diploma (GED) course graduation requirements and, and, 244, 250-253, 260 243 - 245Head Start program and, 163 distributional issues and, 159-184 minimum-competency exams (MCEs) dropouts and, 201-202 and, 242, 245-246, 249, 251, 255, 258-Education for All Handicapped Children 261, 266, 268n2, 269n14 Act and, 214-215 mobility and, 176, 183 Elementary and Secondary School Act National Assessment of Educational Progress (NAEP) and, 19, 160-163 extra funding effects and, 197–199 National Commission on Excellence in human capital and, 191-205 Education and, 243-244 interventionist, 20, 191–205 National Educational Longitudinal Study minimum-competency exams (MCEs) (NELS-88) and, 247-261, 267 and, 245-246 No Child Left Behind Act and, 159, 184n2 National Assessment of Educational peer effects and, 73-96, 167-176 Progress (NAEP) and, 160-161 production function analysis and, 164 National Educational Longitudinal Study raising student achievement and, 243-246 (NELS-88) and, 247-261, 267 SAT tests and, 162 National Longitudinal Survey of Young school inputs and, 177-179 Men (NLSYM) and, 210-211, 215, 219, school outcome differences and, 160-165 225 segregation and, 173-174 No Child Left Behind Act and, 159, selective systems and, 103–125 184n2, 215 socioeconomic status and, 174-175 peer effects and, 73, 75-76 spending issues and, 209-210 race-blind, 211, 227-229, 233-234 STAR experiment and, 194–195 raising student achievement and, 243-246 study habits and, 244-245 school inputs and, 177-179 Texas Assessment of Academic Skills school outcome differences and, 160-(TAAS) and, 166-167 tougher graduation requirements and, selective systems and, 103–125 247-261, 267 tougher graduation requirements and, tracking and, 129-154 247-261, 267 vocational program extension and, 201tracking and, 139-142, 148-149 203 vouchers and, 274-275

**Politics** Rees, D. I., 175 human capital theory and, 12-14 Reform, 3, 233-234 mixed-ability schools and, 107 accountability systems and, 254 Americans with Disabilities Act (ADA) nation building and, 11–14 socialism and, 3, 5, 13 Pomian-Srzednicki, M., 108 Campaign for Fiscal Equity v. State of New Positive bias, 57–58, 73 York and, 210 Power, S., 108 course graduation requirements and, Probit model, 44–45 243 - 245Program for International Student difference-in-differences (DD) approach Assessment (PISA), 7, 9, 19, 296–297 and, 202 Program on Education Policy and districting and, 209 Governance, 4 dropouts and, 201-202 Propper, Carol, 273–291 earning capacity and, 209-210 Education for All Handicapped Children Protestantism, 10–11 Prussia, 3, 11 Act and, 214-215 Psychology. See Peer effects Education Reform Act and, 277 Public and Private Schools: An Analysis of equal opportunity theory and, 211-215 High School and Beyond (U.S. Department minimum-competency exams (MCEs) of Education), 20 and, 242, 245–246, 249, 251, 255, 258– Pupil Level Annual School Census 261, 266, 268n2, 269n14 (PLASC), 274, 278–280 National Educational Longitudinal Study (NELS-88) and, 247-261, 267 Racial issues, 16, 275 National Longitudinal Survey of Young affirmative action and, 227 Men (NLSYM) and, 210-211, 215, 219, Coleman Report and, 173 distributional issues and, 161–162, 176– new social order and, 4-6 177, 180, 182-183 No Child Left Behind Act and, 159, extra funding effects and, 197-201, 203, 184n2, 215 205 raising student achievement and, 243-Head Start program and, 163 limited English proficiency (LEP) school-leaving laws and, 201–202 programs and, 166-167 spending per pupil and, 210, 215–229 mobility and, 183 tougher graduation requirements and, National Educational Longitudinal Study 247-261, 267 (NELS-88) and, 249 vocational education and, 201-203, 205 National Longitudinal Survey of Young Regents Exams, 242, 246, 261 Men (NLSYM) and, 210-211, 215, 219, Regression analysis intergenerational mobility and, 34-35 peer effects and, 80-81, 85-86, 88, 173-National Educational Longitudinal Study (NELS-88) and, 247-261, 267 race-blind policies and, 211, 227-229, peer effects study and, 80-87 233 - 234perceived quality and, 301-305 segregation and, 14-15, 97n5, 162, 173spending per pupil and, 218-220 Religion, 3, 10–11, 275, 295 174, 276 spending per pupil and, 209-234 Reuben, K., 96 Texas schools and, 165-167 Reynolds, D., 108 type partition and, 212, 222-226 Rivkin, Steven, 159, 169–170, 174–176, 179, Raphael, S., 74 183, 210 Ravikumar, B., 295 Robertson, D., 75 Raymond, M., 254 Robustness tests, 304–305

Roemer, John E., 209-237

Reardon, S. F., 250

Roemer, Paul E., 16 segregation and, 14-15, 97n5, 162, 173-Romano, R., 73, 129, 132-133, 275-276 174, 276 Roosevelt, Franklin, 12 selective systems and, 103-125 technical, 105 Rosenshine, B., 254 Rothstein, R., 5, 15 tougher graduation requirements and, Rouse, C. E., 201 243-261 tracking and, 17-18, 129-153 Salvanas, K., 201-203 turnover effects and, 74, 89-90, 94 Sandefur, G., 5 vouchers and, 274-275 Sander, W., 295 Schultz, Theodore, 13, 22 Sandgren, Sofia, 13, 51-69 Schunk, D. H., 196 Sanström, F. M., 20 Schütz, G., 7 SAT tests, 162 Scovronick, N., 5-6 Sauvageau, Y., 175 Scrip payments, 12–13 Schnepf, Sylke V., 142 Segregation, 14-15, 97n5, 162, 173-174, 276 Schoeni, R. F., 52 Selective systems Schofield, J. W., 174 Britain and, 103-125 School of Education, 15 Central Advisory Council and, 106 Schools comprehensive systems and, 103–104, 106, 108-109, 122-123, 129, 154n11 accountability systems and, 254 Brown v. Board of Education and, 14, 183 dataset for, 108-113 educational attainment and, 115-121 choice and, 20, 273–288 (see also Choice) class size and, 14-16, 161, 177-179, 191-11 plus examination and, 109 197, 203, 243 evaluation issues and, 113-114 comprehensive systems and, 103-109, Germany and, 104 122-123, 129, 154n11 historical perspective on, 105–107 computers and, 200-201, 203 impact estimation and, 113–122 desegregation and, 97n5 literature on, 107-108 local education authorities (LEAs) and, Elementary and Secondary School Act and, 163 106-116, 119 expenditures and, 14-16 National Child Development Study extra funding effects and, 197-201 (NCDS) and, 108-109, 112, 115 finance reform and, 209-234 ordinary least squares (OLS) analysis grammar, 105-106, 109, 124 and, 119 human capital theory and, 12-14 peer effects and, 175-176 length of school year and, 3-4, 162 policy discussion and, 122-125 limited influence of, 5–6 primary schooling incentives and, 121mixed-ability, 103-109, 118-119, 122-122 Shavit, Y., 129, 131 mobility and, 9, 12, 22n5, 29-47, 176-177, Slavin, R. D., 75 Smith, J. P., 162 180, 183 new social order and, 4-6 Smoking, 248 original purpose of, 10–14 Snower, D., 130 Socialism, 3, 5, 13 outcome differences in, 160–165 (see also Performance standards) Social issues output orientation and, 18-19 advancement and, 29 peer effects and, 73-96 (see also Peer age-earnings profiles and, 51–67 effects) books at home and, 7, 9 postcompulsory expansion and, 41-46 choice and, 273-288 private, 20, 294-296, 301-307 civil rights movement and, 5 mobility and, 9, 12, 22n5, 29-47, 176-177, resources and, 177-179 secondary modern, 105 180, 183

multiplier effects and, 75	Students
new social order and, 4–6	British Cohort Study (BCS) and, 32–37
peer effects and, 17-18, 73-96 (see also	choice and, 273–288
Peer effects)	classroom conditions and, 15-16
selective systems and, 103–125	class size and, 14–16, 161, 177–179, 191–
turnover effects and, 74, 89–90, 94	197, 203, 243
Socioeconomic status (SES), 242	compulsory attending age and, 192-194
graduate equivalency diploma (GED)	computers and, 200-201, 203, 248
and, 250–253	dropouts and, 201–202, 236n17, 244, 250–
labor market and, 258–261	253
minimum-competency exams (MCEs)	family influence and, 7 (see also Family)
and, 251, 258–261, 266	gender and, 38–39, 54, 56, 75, 80–81, 84–
National Educational Longitudinal Study	86, 88, 98n14
(NELS-88) and, 247-261, 267	mobility and, 9, 12, 22n5, 29–47, 176–177,
private schools and, 294-296, 301-307	180, 183
school choice and, 273-288	National Child Development Study
Söderström, M., 276	(NCDS) and, 32-37
Solon, G., 31, 41	National Educational Longitudinal Study
South Carolina, 247	(NELS-88) and, 247-261, 267
Spagat, M., 131	nature/nurture and, 131
Spain, 192	peer effects and, 175-176 (see also Peer
Special education, 166–167	effects)
Spence, M. A., 52	raising student achievement and, 243-246
Spending per pupil. See also Economic	school choice and, 273-307 (see also
issues	Choice)
allocation calculation and, 220-229	school-leaving laws and, 201-202
aspect of autonomous volition and, 218	STAR experiment and, 194-195
Campaign for Fiscal Equity v. State of New	study habits and, 244-245
York and, 210	tougher graduation requirements and,
Consumer Price Index and, 215	243–261
cost/benefit analysis and, 229-232	Sullivan, M., 108
dataset for, 215-220	Summers, A. A., 175
egalitarian policies and, 221	Survey on Household Income and Wealth
empirical estimation of, 216-218	(SHIW), 297-298
equal opportunity theory and, 211-215	Sweden, 13
measurement error and, 235n8	age-earnings profiles and, 51-67
National Longitudinal Survey of Young	Malmö Longitudinal Study and, 51–66
Men (NLSYM) and, 210-211, 215, 219,	premiums over time, 59, 62-63
225	school premiums and, 53
race-blind policies and, 227-229, 233-	Symons, J., 75
234	
regression analysis of, 218-220	Taxes, 186n24
type partition and, 212, 222-226	Taylor, J., 20, 276
unconstitutional financing and, 209-	Teachers
210	attracting better, 243
Standard Metropolitan Statistical Area	class size and, 14-16, 161, 177-179, 191-
(SMSA), 296	197, 203, 243
STAR experiment, 194-195	Coleman Report and, 164–165
Statistical models, 44–46	credentials of, 18, 162, 167-171
Steinmann, S., 131, 148	distributional issues and, 161-171, 179-
Stiglitz, J., 293, 295	182
Stone, J. A., 295	early career performance and, 179

T 1 ( )	1 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1
Teachers (cont.)	racial issues and, 165–167, 182–183
extra funding effects and, 197–199	socioeconomic status and, 174–175
influence of, 169–171	special education and, 166–167
Maimonides' rule and, 195	teacher quality and, 167–171 Texas Assessment of Academic Skills
minimum-competency exams (MCEs)	(TAAS), 166–167
and, 245–246 peer effects and, 74–76	Texas Education Agency (TEA), 165–166
salaries of, 15, 18	Texas Schools Project, 159, 165
scrip payments and, 12–13	Third International Mathematics and
STAR experiment and, 194–195	Science Study (TIMSS), 7
vested interest and, 6	Thomas, D., 9, 192
Technical schools, 105	Tiebout sorting, 275–276
Technology	Todd, P. E., 51
Cobb-Douglas production function and,	Toma, E. F., 75, 175, 295
139	Torah, 11
computers and, 200-201, 203, 248	Total factor productivity (TFP) growth,
Gutenberg press and, 10	142
Television, 248	Tracking, 17–18
Tennessee, 195, 245, 247	Britain and, 130–131
Test scores, 7, 184n2, 185n10, 209, 241	Cobb-Douglas production function and,
African Americans and, 15	139
computers and, 200-201, 203	comprehensive systems and, 154n11
end-of-course exams (EOCEs) and, 246	firms and, 138-139
exit exams and, 19	France and, 129
graduate equivalency diploma (GED)	Germany and, 129–130, 142–149
and, 244, 250	Japan and, 129
Hispanics and, 85	labor market and, 139–142, 150
Japan and, 19	misallocation and, 131–133
Key Stage 2 (KS2) tests and, 279, 281–	model for, 133–153
282	Netherlands and, 129
minimum-competency exams (MCEs)	noise effect and, 132–133, 142
and, 242, 245–246, 249, 251, 255, 258–	optimal policy and, 139–142
261, 266, 268n2, 269n14	overeducation and, 149
National Assessment of Educational	perceived ability and, 131–138
Progress (NAEP) and, 160–161	policy and, 139–142, 148–149
peer effects and, 74, 77–95	primary school and, 129
SAT, 162 school attendance and, 192–194	school design and, 130–131 skill obsolescence and, 131–133
school outcome differences and, 160–	specialization and, 131–133, 141–142
165	technical change and, 130–131
Texas Assessment of Academic Skills	total factor productivity (TFP) growth
(TAAS) and, 166–167	and, 142
tougher standards and, 253	United States and, 129, 134, 143
Texas, 233, 247	upskilling and, 131, 149
demographics of, 165	Transition matrices, 35–40
distributional issues and, 165–184	Trends in International Mathematics and
limited English proficiency (LEP)	Science Study (TIMSS), 19
programs and, 166–167	Turnover effects, 74, 89–90, 94
minimum-competency exams (MCEs)	
and, 245–246	United States
peer effects and, 167-176	affirmative action and, 227
performance standards and, 165-167	books in home and, 7, 9

Brown v. Board of Education and, 14 Carolina schools and, 73-96 choice and, 20, 295 civil rights movement and, 5, 14 Coleman Report and, 3, 14-21, 162, 164-165, 167, 173, 180 distributional issues and, 159-184 educational finance reform and, 209-234 Elementary and Secondary School Act and, 163 Great Depression and, 4, 12 growth in secondary education and, 12-13 Head Start program and, 163 Hispanics and, 80-81, 85-86, 88 immigration and, 11 National Assessment of Educational Progress (NAEP) and, 19, 160–163 National Educational Longitudinal Study (NELS-88) and, 247-261, 267 National Longitudinal Survey of Young Men (NLSYM) and, 210–211, 215, 219, 225 No Child Left Behind Act and, 159, 184n2 pupil-teacher ratios and, 161 reform and, 241-267 (see also Reform) school attendance and, 192 school-leaving laws and, 201-202 segregation and, 14-15, 276 test scores and, 7, 15 Texas schools and, 159, 165-184 tougher graduation requirements in, 243tracking and, 129, 134, 143 urban-rural differences and, 15 University of Chicago, 3, 13 University of Texas, 165 Upskilling, 131, 149 Ursprung, H. W., 7 U.S. Census Bureau, 52 U.S. Commission on Civil Rights, 173 U.S. Constitution, 14 U.S. Department of Education, 19, 20 U.S. Education Commission of the States, U.S. Office of Education, 162, 164 U.S. Supreme Court, 14 Uusitalo, R., 276

Vaage, K., 201, 203 van der Ploeg, S., 198–199 Vigdor, Jacob, 73–96, 279–280

Walker, I., 108 Warren, J. R., 249-250 Webbink, D., 202 Weber, M., 11 Weiss, Y., 295 Welch, F., 162 West, A., 277-278 West, M. R., 16, 196, 274 White, Karl R., 5 Whitty, G., 108 Willett, J. B., 9 Williams, R. M., 162 Willis, R. J., 51-52 Wilson, Deborah, 273-291 Withmore, D., 194 Woessmann, Ludger, 3-27, 196, 294 Wolf, A., 129 Wolf, P., 20, 274 Wolfe, B. L., 108, 175 Wolkon, 173 World War II era, 3, 13, 130–131

Vignoles, Anna, 103–128

Virginia, 245

Vouchers, 274–275 Vytlacil, E., 108, 112

Zau, A., 75 Zetterberg, J., 64–65 Zimmer, R. W., 75, 175

Wyckoff, J. H., 295