Index

accident prevention 39–40
  and definition of liability 39–40
  see also railways
Akerlof, G. 9
  and paper on ‘lemons’ 211–12
Alchian, A.A. 101
Arnott, N. 10
Arrow’s nirvana 218
  see also nirvana
artificial identities of interest 27–9,
  37–8, 45, 213, 219
artificial interests 22–9
  see also self-interest
bank confidence, discussion on 152
Baumol, W.J. 74
Baxter, R.D. 184, 186–7, 206
Beach, E.F. 144
Becker, G.S. 9, 22, 33, 35, 66, 158, 165, 178
Beckerian
  mechanism 155
  restraint 30
Beil, R.O. 125
Bell, F.W. 74, 129, 207
Benham, L. 122
Benson, B. 158, 160–161, 162, 163, 167,
  178–9, 180, 181
Bentham, J. (and) xi, 6–7, 8, 11–12, 17,
  20, 21, 33, 34–5, 45, 55–7, 86, 93,
  99, 161, 178, 179, 196, 202, 203–4,
  208
artificial identity thesis 27–9, 213, 219
Constitutional Code 12
  his critical legacy to Chadwick 22–9
Escheat vice Taxation (1795) 203
franchise solution 213
the French Penal code 14
An Introduction to the Principles of
  Morals and Legislation 28
the Panopticon 28–9
  and theory of contracting 56–7
philosophical pleasure-pain
  hypotheses of 35
practical utilitarianism 103
principles of individualism 32
Principles of Penal Law 11
Rationale of Evidence 11
  see also Halévy, É.; Smith, A.
Benthamite principles 32, 45
  applied to social phenomena
  34–42
Bigelow, Dr 123
Blaug, M. 5, 31, 44, 144–5, 154, 157
Bowring, J. 10, 11
Bradford, D.F. 74
Breton, Y. 90, 91
Brundage, A. 179, 207
Buchanan, J. 9, 198
burial market externalities 103–9,
  122–3
disease transmission 106–7, 122
  and information costs 106–8
  moral and ‘taste’ 105, 118
  produced in the graveyard 103–4,
  191
burial clubs 107–9, 128
  and infanticide 109
Cairnes, J.E. 21
Cantillon, R. 6, 52, 53–5
cemeteries 72, 103–5, 110, 117–19, 126,
  129–30
Abney Park 123
Brompton 119
Bunhill Fields 104
emanations from 103–4
nationalization of 102
the Necropolis/Necropolis Company
  119, 129
Nunhead 119
private 104, 123
elected to Royal Society of Arts
council/serves as Vice-President
(1872–86) 16
head Royal Commission on State of
the Children Employed in
Factories (1833) 12
hired as Assistant Commissioner for
inquiry into Poor Laws 12
involved with Peel's Select
Committee (1828) 165
vs J.S. Mill on market intervention in
railways 86–8
see also railways
joins Philosophical Radicals 10–11
knighted by Queen Victoria (1889) 4,
16
and opposition to local government
197–8
and the ‘railway problem’ 16
see also railways
recommendations examined by
Health of Towns Commissions
(1844) 15
retires from public service 16
and sanitary reform 57
as secretary to Poor Law Central
Board 15
self-interest and artificial interests of
22–9
see also Bentham, J.
tributes to 17
and his use of statistics 42–6
and value of time concept 36
and his view of education 201
as Vice-President of Economy and
Trade section of National
Association for the Promotion
of Social Science (1860) 16
and as President of Public Health
Section (1877) 16
see also labor, education, and the
business cycle; Poor Laws;
poverty; sanitation
Chadwick’s modernity 21–48, 216–20
applying Benthamite principles to
social phenomena 34–42
accident prevention 39–40
liability placement and law and
economics 37–8
prisoner transport 38

Robert B. Ekelund Jr and Edward O. Price III - 9781781005040
Downloaded from Elgar Online at 02/07/2019 07:37:15PM
via free access
public sector economics 40–42

time as essential element in
economic analysis 35–7

classical and contemporary elements
in Chadwick’s thought 29–34

classical cornerstones of economic
analysis 29–32

some (non-)standard principles of
microeconomics 32–4

self-interest and artificial interests
22–9

artificial identities of interest 27–9

Halévy’s insights 24–6

Smithian self-interest 23–4

Smith’s identity of interest 26–7

use of statistics 42–4

Chadwick’s publications

Address on Railway Reform (1865)
33–4, 46

on competitiveness of British
industry (Journal of the Royal
Society of Arts) 145–6

‘Licence of Counsel: Criminal
Procedure’ (Westminster
Review, 1841) 168

‘On the Proposal that the Railways
should be Purchased by the
Government’ (Journal of the
Royal Society of Arts, 1866) 16

paper on wages and savings
(Edinburgh Review, 1836) 188

Papers Read Before the Statistical
Society of Manchester; on the
Demoralization and Injuries
Occasioned by the Want of
Proper Regulations of Labourers
Engaged in the Construction and
Working of Railways (1846) 133

‘Preventive Police’ (1829) 11, 29,
162–3

revision of as Constabulary Report
(1839) 14, 220

report on cemeteries (1843) 123

study of funeral markets in Paris
(1843) 125

‘The Taxes on Knowledge’
(Westminster Review, 1831)
199

works on Railway Reform 136

Chamberlin, E.H. (and) 51, 63, 65

Chadwick-Chamberlin tangency
solution 66

Chamberlinian tangency solution 63,
65

change see centralization as loci of
social change

Cheysson, E. 98

classical and contemporary elements
in Chadwick’s thought 29–34

classical cornerstones of economic
analysis 29–32

cholera 14, 20, 118, 193, 206

Coase, R.H. (and) 8, 48, 213

factory-smoke problem 40

revolution relating to social costs 101

theorems 8, 35, 40, 211

Coats, A.W. 5, 137, 146, 153–4, 157

Commanor, W. 74

the common pool criminal justice
system (and) 167–72

the 1841 reforms 168–9

abusive lawyers 171

Chadwick’s essay in Westminster
Review (1841) 168

Chadwick’s reforms see the common
pool: Chadwick’s reform
proposals

crime prevention 168–9, 215–16

evolution of 215–16

the institutional judicial system
169–70

rent-seeking by judges and lawyers
170–172

the common pool: Chadwick’s reform
proposals (for the) 173–8

court system (conviction and
punishment) 174–5

penal procedure 176

police system (prevention and
apprehension) 173–4

role of magistrates 175

in Scotland 176

Type I and Type II errors 173, 176,
177

competition

Bentham-Chadwick principle of 62,
69

imperfect 55–66

see also franchise bidding
The economics of Edwin Chadwick

history of two principles of 53–5
theories 51–2
contract bidding 56, 60, 72, 115, 219
in the London beer market 67
in Paris 67
regulation of 66–9
convict transportees 38, 48
Cournot, A. 48
Crain, W.M. 7, 63, 74
criminal justice, police, and the
common pool (and) 158–82
Chadwick’s analysis see the common
pool criminal justice system
eyearly evolution of rights and law
160–164
see also early rights and law
the English criminal justice system
c(1830–41) see main entry
reform proposals see the common
pool: Chadwick’s reform
proposals
see also legislation
Cross, M. 100
Cuvier, G. 201
Darmstadter, R. 129
de Belidor, B. 6, 54, 89
de Mandeville, B. 26, 134
de Molinari, G. 89–90
de Tocqueville, A. 99
death data, class-based 195
death
causes of 191–2
differences in rates of 195
duties 205
early 195
preventable 195–6
death and burial (and) 101–30
the Chadwick plan for 111–19
and Metropolitan Interments Act
(1850) 117–19
see also France; Germany; United
States (US)
comparative institutions 119–25
delayed interments 105–7
in London 105
see also burial market externalities;
burial clubs; cemeteries; death;
disease; funeral market
Debrett, J. 208

Demsetz, H. 8, 19, 48, 59, 66, 69, 70,
74, 101, 212, 217
DeVany, A.S. 66
DiLorenzo, T. 8, 41, 48, 212
disease 14, 189–91, 192–5
preventable 201
and stress 127
transmission 106–7, 122
zymatic 43
see also cholera
Dnes, A.W. 7, 74, 126, 220
Dorton, C. 178
drainage 3–4, 47, 86, 103, 196, 207
arterial system of 191
government provision of 198–9
of land 198
tubular system of 19
see also sanitation; water
Dupuit, J. 48, 90–93, 95–6, 98
‘On Tolls and Transport Charges’
(1849) 90
‘On Utility and Its Measure’ (1933)
90
‘Voies de Communication
[Transportation]’ 90, 91
eyearly rights and law 160–164
Anglo-Saxon system 160–161, 162
and Crown rent-seeking 161–3
frankpledge system 161–2, 163–4
see also frankpledge system of
law
monarchical government/Norman
system 161
and transaction costs, criminal
justice, and institutional change
162–4
economics of sanitation and the
utilitarian agenda see
centralization as loci of social
change; income distribution;
information costs; intellectual
property rights; knowledge;
poverty; sanitation; taxation
education (and) 134–5, 139, 150–155,
201–2, 205
bearing distress 153
decrease in job security 152
effective use of electoral franchise
151
Index

increase in incomes 152
investment in 188
and the laboring population 143
lack of 187
literacy 150–151
pauper 4
policy 32
of the poor 134
reform of 209
social stability/societal externality 150–151, 153
‘taxes on knowledge’ 150
technology 133–4
Ehrlich, I. 33, 158, 165
Ekelund, R.B., Jr 7, 19, 48, 63, 73, 74, 90, 92, 98, 100, 126, 135, 140, 157, 178, 179, 204–5, 206, 207, 218
Ellet, C. 98
Emsley, C. 20, 179
the English criminal justice system circa 1830–41 (and) 164–7
Chadwick’s principles of action/institutional changes 165–6
Hue and Cry Gazette 166, 173
reform under Robert Peel as Home Secretary 165
Peel’s Select Committee (1828) 165
Erickson, E. 94
Evelyn, J. 123
Factory Commissioners, Central Board of 31
Farr, W. 184
Fielding, H. (magistrate of Bow Street, 1748–54) 164, 166, 179, 180
Finer, S.E. 3, 10, 11, 17, 19, 20, 117–19, 130, 179, 180, 182, 220
Ford, G.S. 126
franchise bidding (and) 55–66
application of contract management to imperfect competition 63
Chadwick’s principle of contract management 57–8
graphical analysis of natural monopoly 58–60
London cab market ‘economies’ 63–6
natural monopolies of water and gas supplies 60–62
the Panopticon/theory of contracting 56–7
France 95–6, 181, 203, 206, 219
cemeteries in 105
and Père Lachaise 129
funeral markets/practices in 74, 111, 129
law system in 177
Paris 60–61, 67
penal code in 14
public goods provision in 55
rail regulation in 84, 87–8
railway provision in 89–93, 96
see also Dupuit, J.
Service des Pompes Funèbres in 114–17, 124, 125
Francis, A.M. 88
frankpledge system of law 161–2, 163–4, 167–9, 179, 181, 182, 215
French, S. 123
Friedman, M. 73, 178, 180
funeral market(s) 72, 129, 217–18
economics and empirics of 109–11
franchise bidding in 119–20
franchise schemes for 74
‘market failure’ in the English 105–11
monopoly in 103, 107
monopoly and its source 120–125
see also France; Germany
fusion of interest doctrine 24–6
Galt, W. 84–6, 93, 95
Railway Reform, Its Expediency and Practicability Considered 84, 98–9
Garnier, J. 89
General Board of Health 15, 16, 196
Germany
funeral and burial practices in 74, 105, 111, 114
Gladstone, W.E. 203, 205
Goldberg, V.P. 71, 217
Grampp, W. 46–7
Haas-Wilson, D. 122
Habenstein, R.S. 111
Hadley, A.T. 93–6, 100
Halévy, É. 27, 28, 46, 99
*Growth of Philosophical Radicalism*
24
insights and doctrines of 24–6
artificial identity of interest 24
fusion of interest 24–5, 26
natural harmony/natural identity
of interest 24–5
Hanway, J. 164
Hanke, S.H. 61, 219, 220
Hanley, J. 191, 195
Hartley, D. 22
Hawke, G.R. 85, 98
Hazlett, T.W. 125, 129
Head, E.H. 20
Hébert, R.F. 19, 33, 73, 90, 92, 100, 140, 159, 165, 173, 180
Hicks, J.R. 31, 144
Higgins, R. 218
Hill, Sir R. 82, 85
Holdsworth, W.A. 158–9
*Hue and Cry Gazette* 166, 173
Hume, D. 12, 22–3
identities of interest
artificial 24, 27–9
fusion of 24–5, 26
natural 24–5
see also Bentham, J.; Halévy, E.; Smith, A.
income distribution 48, 184–8, 204–6
Levi–Baxter calculations of 187
Lorenz curves of 184–6
mobility in 137
Robert Dudley Baxter’s paper on 186–7
William Farr’s data on 184
Industrial Revolution 9, 103, 162, 184, 188
information costs 8–9, 18, 45, 58, 102–3, 155, 163, 177, 196–7, 199, 210, 213, 216–17
as cause of externality 106–8
high 107–8, 122, 129, 158, 196
insurance companies 109
Guardian Insurance Company 119
life tables of 189
intellectual property rights 199–200, 207
copyright 199–200
patents 199–200
Irish immigration 148–9, 157
see also recession and depression
Jenkins, F. 21, 48
Jevons, W.S. 21, 48
Johnson, S. 20
*The Ghost Map* 20
*Journal of Cultural Economics* 207
Klerman, D. 163
Klotz, G. 90, 91
Knight, F.H. 208, 211, 213
knowledge 199–201
Chadwick’s theory of 183
as common pool 45, 200–201
‘taxes on’ 150, 151
labor, education, and the business cycle 133–57
British labor and machinery see labor and machinery
education, human capital, and information 150–155
see also education
labor as a utilitarian issue 134–7
see also main entry
see also recession and depression
labor and machinery (and) 139–46
effect of machinery on labor and employment 142–6
the moral stature of workmen 141
labor as a utilitarian issue 134–9
Chadwick and his contemporaries on the nature of labor 137–8
Chadwick and Mill 138–9
see also Mill, J.S.
and importance of Chadwick’s position 136–7
Lamers, W.M. 111
Lancaster, K.J. 35
Langbein, J.H. 181
Lardner, D. 98
*Railway Economy* 98
legislation
Act on Monopolies (1624) 207
Anglo-Saxon traditions in 176
Index

Electric Telegraph Bill (1868) 88
on escheat and intestate succession 204
Finance Act amendments (1910) 205
Metropolitan Interments Act (1850) 117–19, 124
repealed (1852) 119
Middlesex Justices Act (1792) 165
Nuisance Laws 41
Poor Law Act (1834) 133
see also Poor Laws
Public Health Act (1848) 196
Public Health Bill 16
Stamp Act (1815) 203, 205
Levi, L. 184, 187, 206
Lewis, F. 13
Lewis, G.C. 15, 20
Lewis, R.A. 58, 98, 102, 104, 117, 133–4, 154–5, 156, 180
liability 217
for accidents 133, 156
assignment 39–40, 45, 211, 219
definition of 39–40
factory smoke and accident 40
placement 37–9, 124
tax 186, 209
Liebcap, G.D. 207
Liebowitz, S. 76, 100
life expectancy
improved 188–9
in Northampton and Sweden 189
Locke, J. 22, 24
London 14–15, 41
beer market 67
cab market ‘economies’ 63–6
cabriolet market of 129
Consistory Court of 126
growth of population in 104, 129
mortality rate in 117
police in 164–5, 173, 179
prisons 4, 10, 126
slums 10
water supply in 60, 74, 86–7, 99
see also water
see also cemeteries; cholera; death
and burial; Poor Laws;
sanitation
London Debating Society 5, 10
London Water Companies 5
Lorenz curves 184–6
Loudon, J.C. 123
On the Laying Out, Planting, and
Managing of Cemeteries 123
Lyell, Sir C. 201
McCulloch, J.R. 137, 144, 149, 154
McKean, R.N. 41–2
Maine, Sir H.S. 160
Maitland, F.W. 158, 179
Malthus, T.R. 47, 144, 149, 154
doctrine of 30
interpretations of 32
and Malthusian population doctrine 139
and Malthusian trap 30, 155
Principles of Political Economy (1820) 21
managing contracts: a means to social
welfare 51–74
contracting for goods and services 66–9
preliminary evaluation of the
Chadwick principle 69–73
contract management, property
rights, and competitive
market capitalism 71–3
contract terms and economic
efficiency 70–71
franchising and traditional
regulation 70
property rights and competition 52–5
see also competition
see also franchise bidding
Mandeville, B. de 155, 156
The Fable of the Bees 46
Margolis, S. 76, 100
market failure: Chadwick and
contemporary society 209–20
and nirvana 217–19
and traditional market theory and
its dissenters see market
theory
‘market failure’ in English funeral
business 105–11
and economics and empirics of the
funeral market 109–11
information and search costs as
explanation for 106–8
and insurance as moral hazard 108–9
*see also* burial clubs
market theory (and) 210–220
Chadwick’s modernity 216–20
common pools 215–16
the franchise solution 213–14, 218
modern perspectives on the
externalities problem 211–13
Marshall, A. (and) 21, 31, 125
competitive principle 61
economics 210
*Principles of Economics* (1890) 21
Marvel, H. 5
Marx, K. 145, 154, 188
economic doctrine of 143
Law of a Growing Industrial
Reserve Army 145
Laws of Capitalistic Motion 145
Mayo, J.W. 74
Merges, R.P. 207
Mildmay, Sir W. 182
Mill, James 149
Mill, J.S. 4, 5, 8, 10, 19–20, 21, 31–2,
53, 63, 72–3, 81, 95–6, 98, 99, 126,
140, 144, 154, 156–7, 179, 183,
202–6, 208
vs Chadwick on market intervention
in railways 86–9
*The Principles* 202
‘The Regulation of the London
Water Supply’ (1851) 74
and rejection of paternalistic view of
class structure 138
Mitchell, B. 74
Mixon, F.G. 207
monopolies 58–62, 91–2
and contract management 75
multiform 60
natural 59–62, 66–7, 94, 100
*see also* legislation
Monsell, W. 85
National Association for the
Promotion of Social Science 152
Neely, R. 172, 180, 182
Newton, I. 22, 23, 25, 46
Nicholls, G. 13, 20
night soil as fertilizer 191, 192
nirvana 97, 178, 211, 213, 217–19, 220
O’Brien, D. 144
O’Donnell, M.G. 19
Otsuka, Y. 74
Owen, R. 138–9
Patinkin, D. 83
Peel, Sir R. 165, 203
Peltzman, S. 71, 214, 217
Peto, M. 186, 205, 206
Philosophical Radicals 5, 10–11, 34
Pigou, A.C. 8, 19, 125, 210–211, 213
Polinsky, A.M. 158, 178
Political Economy Club 10
Pollock, F. 158, 179
pollution 5, 41, 211
Poor Law Commission 12, 133, 207
Report (1832) 156
Poor Law Commissioners 31
Poor Laws 12–14, 19, 57, 99, 133, 205,
206–7
administration of 44, 142
and Allowance system 44
enforcement of 14
reform of 31, 135, 148, 155, 189, 207
relief 135
population theory 30–31, 47
Porter, R. 179
Posner, R. 22, 60
poverty (and) 31, 103, 134, 137, 148,
183, 184–96
and Chadwick 188–96
*see also* sanitation
income distribution 184–8
*see also* life expectancy
Price, E.O., III 98
prisoner transport 38, 48
prisons 4, 10, 28–9, 126, 178, 202
and conditions of prisoners 175
reform of 56–7, 99
property rights 6–7, 18, 19, 39–41, 45,
48, 51–2, 56–8, 63, 71–3, 80, 95–7,
102, 117–18, 158, 160, 174, 196,
204–6, 208, 209, 211, 215, 220
and competition 52–5, 62
intellectual *see* intellectual property
rights
socialization of 102, 118, 124–5, 130,
205, 217–18
Quetelet, A. 42, 43
rail workers 5, 133–4, 135, 156
moral stature of 141–2
railways 75–100, 196
accident prevention on the 39–40
an American perspective on
management of 93–4
and British rail nationalization 84–6
see also Galt, W.
establishment and provision of early
English 75–80
franchise solution for 213–14
French system for provision of 89–93
and importance of property rights
and institutions 95–7
issues surrounding Chadwick’s
proposal for 80–84
advancing rail technology 80–81
collusive agreements on British
rails 81–2
load factors and excess capacity
82
market intervention in 86–9
see also Mill, J.S.
mergers and consolidations 82–4
monopolies in Britain 61
nationalization of 36
operation and management of 213
and the rail industry in Britain 61–2
see also legislation
Rawlinson, R. (Bridgewater Trust
engineer) 136
recession and depression 146–9
see also Irish immigration;
unemployment
rent-seeking behavior 198–9
Ricardo, D. 21, 144–5, 154, 157
Principles of Political Economy and
Taxation (1817) 21, 144
‘On Machinery’ 144
Rubinovitz, R. 74
Samuelson, P. 9, 31
sanitation (and) 188–96
changing economic constraints
192–5
conditions in England 36
death rates from disease 189–91
the economy 195–6
life expectancy 188–9
night soil used as fertilizer 191–2
the poverty problem 184–8
see also poverty
reform of 72
see also cholera; water
Sanitary Report (1842) 14–15, 30, 32,
36–7, 101–2, 133, 189, 192, 195,
196, 208
Interments in Towns (supplementary
report, 1843) 15, 102, 123, 191
Say’s identity and Say’s equality 31
Say’s Law 139
Schumpeter, J. 29, 147
Schwartz, P. 5, 74, 86–7, 99, 205
Scott, Sir W. 201
self-interest (and) 22–9, 41–2
artificial interests 22–9
convict transportees 38
public sector effectiveness 42
see also Bentham, J.; Halevy, É.;
Smith, A.
Senior, N. 11, 21, 47, 149, 154
Shavell, S. 158, 178
Shaw-Lefebvre, J. 13
Shehab, F. 203
Sidgwick, H. 8, 19, 125
Smith, A. (and) x, 6, 7, 8, 29–30, 31,
32, 54–6, 57, 73, 137–8, 153, 156,
164, 172, 181–2, 209–10, 213
identity of interest 26–7
‘invisible hand’ 209
private interest = public interest
theory 210
self-interest 23–4
Smithian tradition 210
theory of competition 51
Theory of Moral Sentiments 23
Wealth of Nations 23, 25, 26, 27,
137
Smith, S. 10
Snow, Dr J. 20, 193
Soward, A.W. 206, 208
Spann, R. 94
Spengler, J.J. 98
Statistical Society of London 106,
186
statistics, Chadwick’s use of 42–6
Stead, P.J. 161
Stephen, Sir J. 160
Stephen, L. 47
taxation 202–6
and death duties 205–6
direct 203
income 203
indirect 203
inheritance 203–5
and law of escheat 204
Telser, L. 74
textile industry 157
affected by American Civil War 136
Thornton, M. 48, 180
Tiebout, C.M. 207
time, value of 35–7, 162
in streamlining parliamentary procedures 36
*The Times* 11
Tobias, J.J. 161, 164, 165, 207
Tollison, R.D. 73, 157, 179, 205, 207
Tullock, G. 9, 198
Tyler, N. 20

undertakers 73, 103–4, 106–11, 114, 117–20, 122, 127–8, 130
Wild, Mr 110–111
see also cemeteries; death and burial
unemployment (and) 19, 29, 31–2, 44, 148–9, 152
labor-saving machinery 142–6, 148
technological 153
under-employment of cabs 64
United States (US)
Act to Regulate Commerce (1887) 93
federal/regional regulation in 68–9

funeral and burial practices in 111, 114, 123
Interstate Commerce Commission (ICC) 93, 94
justice system/crime prevention in 173, 174, 176
rail management in 93–4
rail regulation in (1887) 88
urban externalities: funeral and burial markets (and) 103–30
comparative institutions 119–25
‘market failure’ in English funeral business 105–11
see also funeral market
see also death and burial
Wagner, R. 198
Walker, D.M. 157, 206
Walrasian economics 21
Walters, S.J.K. 61, 219, 220
Walvin, J. 164
Ward, J.W. 182
water 34, 36–7, 53, 63, 86–7, 99, 189, 191, 193–6, 220
contamination of 20, 41, 191
and gas supplies 60–62
monopolies in London 72
potable 191
supplies/consumption of 36–7
systems and personal hygiene 193–4
see also cholera
Wesley, J. 9
Wiggins, S.N. 207
Willan, W.E. 206, 208
Williamson, O.E. 71, 101, 124
Young, G.W. 126