INDEX

Abel, W. 422
accumulation 98-9
see also national accounts
acreage measurements
of England, by Halley 238-9
and by Petty 27
of Ireland, by Petty 10-11, 32
of the world, by King 230-2
adult education, see education (Toynbee Hall)
agriculture
England
output estimates 195-6, 394
prices 127-8, 133-6
production accounts 148-9
France 153-4, 158-9, 160-1, 174
prices 130-1
Italy 167-8
prices 131-2
see also Young
Aidenoff, Abraham 436, 438
‘aids’, see taxes
alcoholic drinks
beer and ale
excise, see taxes
prices 128, 133-4
brandy, disapproved of  by Davenant
67-8
see also diets; family budgets; private expenditure
Alexander II of Russia, gives diamond ring to Farr 256
almshouses 106-8
see also poverty
American colonies
Petty’s proposals 41
Young’s opinion 166-7
American Statistical Association 336
Anne, Queen of England, see Queen Anne
annuities 246
apothecaries 104-5
Armitage, Angus 240
Ashley, Lord, see Shaftesbury
Askew, Admiral Sir George 16
Aubrey, John
on Petty 7, 15-6
on Davenant 49
on Graunt 207-9
Babbage, Charles, 270-1
Bacon, Francis 18, 390
Balsamo, Paolo 144
banking
in Holland 38
suggestions for a land bank 43-4
baptisms, see christenings
Barker, T. S. 437
Barnett, Rev Samuel 347-8
beggary 216, 282-3, 295, 417
see also poverty
Benefit Clubs, see Eden
‘benevolence’, see taxes
Bentham, Jeremy 144
Bills of Mortality
Breslau 241-6, 415-6
Dublin 45
London 45, 209-13, 259, 410
Romsey 222-3
see also Graunt; Halley; Petty
Birmingham workhouses 290-2
birth rates 419-20
see also christenings
Bishop, W. J. 324
Board schools, see education
Böckh, R. 247-50
Bodoni, Giovanni 171-2
Bonham-Carter, Hilary 331
Booth, Charles James 277, 339-85, 401, 424
children’s education 343, 358-65
children’s standard of living in the London slums 362
class distribution of the population of London 351-6
illustrated by coloured maps 380-1
education, ‘the basis of industrial reform’ 383
housing of the poor 347, 365-9, 378-9, 382
immigrants 382
old-age pensions 350-1
population of London analysed by class 352-6

487
INDEX

... and by degree of crowding 365-9, 379
and by occupation 369-78
socialism 347-8, 359, 381
trade-unionism 343, 351
unemployment 347
use of census data 348-9, 365-9
women's and children's work 383
Aged Poor in England and Wales 350
‘Condition and occupations of the people of East London and Hackney, 1887’ 349
‘Enumeration and classification of paupers, and State pensions for the aged’ 350
Industrial Unrest and Trade Union Policy 351
‘Inhabitants of Tower Hamlets’ 349
‘Life and labour of the people in London: first results of an inquiry based on the 1891 census’ 365-8
Life and Labour of the People, 1st, 2nd and 3rd eds. 349-85
‘Occupations of the people of the United Kingdom’ 348
Old Age Pensions and the Aged Poor 350-1
Pauvertism, a Picture, and the Endowment of Old Age 350
see also education
Booth, Mary (née Macaulay) 343-7, 349
Booth, William, founder of Salvation Army 339
Botero, Giovanni 400
Bowley, Arthur 384
Bowman, Dr. William 373
Boyle, Robert 8-9, 12
Bracebridge, Charles and Selina 308-9, 310-11, 313
Braudel, Fernand 422
Breslau, see Bills of Mortality; Halley
British Empire, income and wealth accounts 189-93, 395
Brounker, William, 2nd Viscount 12
Brown, Alan 436-7, 438
Brydges, James, 1st Duke of Chandos 50
budgets, see family budgets
Bunsen, Christian, Prussian ambassador to London 308
Burke, Edmund 146
Burnett, John 294

Cambridge
Department of Applied Economics 434, 435
Growth Project 437-8
King’s College Provosts 119-20
Canning, Lady 312
capital
human 29, 30, 40, 46, 94, 271-2, 412
land and tangible assets 27-8, 45-6, 91-4
see also national accounts; taxes; wealth
Carli, Gian Rinaldo 131-2, 138, 199
see also index-numbers
Carlyle, Thomas 307
Carr-Saunders, A. M. 232-3
Casal, Gaspar 418
Catherine of Russia, sends presents to Young 146
censuses, see population
Chalmers, George 71, 74, 394-5
Champernowne, David 438
Chandler, T. 46
Charles I
ship money 22, 58
fines John Evelyn’s father for refusing knighthood 63
Charles II
admiration for Graunt 209-10
European policy criticized by Davenant 52
founds Chelsea Hospital 106
interest in science 12-3
leniency towards Ireland 14
patronage of Halley 238
patronage of Petty 5, 12-3
children
diseases 214-5
schooling 343, 358-65
standard of living in the slums 362
see also education
cholera 268-70
christenings 211, 212-3, 424
Church institutions, criticized by Petty 19
Clark, Colin 113, 431-2
Clark, Sir James 318
Clarke, Miss Mary (later Madame Mohl) 305
Clay, Henry 434
Clough, Arthur Hugh 321
coigne debased, see money
Coke, Roger 36-7
INDEX

Cole, W. A. 113-4, 150, 202
colonial expansion
Colquhoun’s views 189-90
Young’s opinion 166-7
Colquhoun, Patrick 183-203, 277, 424
accounts of the British Empire 189-93
incomes in the army and navy 200-1
national income by social group (1803)
186-8, (1812) 197-9
national product by branch of production
189, 195-6, 199
Poor Laws 296, 301
population of the British Empire 191-2
of England and Wales 187-8
of Great Britain and Ireland 197-8
productive and unproductive sectors
193, 194, 197-8, 199
unemployment, poverty and crime 186, 294-8
use of Eden’s work on insurance 278
Treatise on Indigence, 185, 186, 294-6, 395
Treatise on the Police of the Metropolis, 184,
185, 296-8
Treatise on the Wealth, Power and Resources
of the British Empire, 185, 189-93
Compagnie des Indes 139
computing machines 270-1
Comte, Auguste 542
Condorcet, Marie Jean Antoine, Marquis de 400
Confalonieri, Count Federico 305
consumers’ behaviour 110-3, 435
see also private expenditure
Cook, Sir Edward 323
Cook, Captain James 258
Coombs, D. 69
Copleston, John 119
corn, demand for, see Davenant; King
corvées imposed on French peasantry 153
substituted by taille 157
cost of living and ‘equal well being’ indices
406, 407-8
see also index numbers
cost-accounting for army medical services
333-4
Creedy, John 112-3
crime 282-3, 296-7
murders 416, 417-18
and poverty 297-8
see also Colquhoun
Crimean War, see Nightingale
Croft-Murray, Giovanna, see Stone, Giovanna
Crompton, Henry, and the trade-union movement 343
Cromwell, Henry 11-2, 14
Cromwell, Oliver 5, 10
Cromwell, Richard 11-2
crowding
as a measure of poverty 365-9
by occupation 369-79
Crowther, Geoffrey 434
Cullen, William 260
Davenant, Charles 49-69, 71, 264
appraisal of Petty 51-3
definition of Political Arithmetick 51
demand curve for corn 68, 110-13, 393, 413-4, 421-2
diffusion of King’s work, 54, 76, 392
interpretation of data 54-5
poll taxes 57, 59-60, 62-4
poor rates 57, 59-60
population estimates 300
price controls 67
use of tax returns 56, 395, 397
Discourses on the Publick Revenues, and on
the Trade of England 53-5, 64, 69, 75
Essay on the East India Trade 68-9
Essay upon the Probable Methods of Making
a People Gainers in the Ballance of Trade
68
Essay upon Ways and Means of Supplying
the War 56-68
‘Memorial concerning the Coyne of
England’ 69
‘Memorial concerning Credit’ 69
D’Avenant, John (Charles’s grandfather) 49
D’Avenant, William (Charles’s father) 49
Davies, David, labourers’ budgets 292-4, 402
Deane, Phyllis 97, 99, 113-4, 150, 202, 299,
389-97
dead rate, see morbidity and mortality
Dell’Oro, A. M. 406
demand, King’s law of see King
Derksen, J. B. D. 436
d’Espine, Dr. Marc 260
Diamond, Marion 335
diets
England 77-81, 101-3, 421-2
INDEX

France 101-3
Holland 101-3
meat 422
of the poor in England 285-6
and in Ireland 151
see also expenditure on food; family budgets
difference engine 270-1
diseases
analysis of morbidity in 17th century
London 213-19
army and navy 258, 314, 331
brucellosis 321-2
children's 214-5
cholera 268-70, 313, 331
classification of 259-60
dysentery 374-331
liver 321
plague 210, 214, 216, 219, 419
puerperal 344, 418-9
ricketts 219, 418
venereal 218-19
see also Farr; Graunt; Nightingale
disinvestment 100-1
dissaving 86-8, 89, 93-4, 99
dissolution of monasteries, see poverty
double-bottomed ship Experiment, see Petty
double decrement table 266-7
'Down Survey' of Ireland see Petty
Drake, Sir Francis 6
Dublin, Louis I. 272
Dugdale, Sir William 72, 74
Dupâquier, J. and M. 406
Dutot, Charles 130-1, 138, 139
East India Company 55, 191-2, 238, 330
East India trade 68-9, 96
econometrics 396
economic advisers 391, 403
Eden, Frederick Morton 144, 277-94,
298-301, 401, 424
belief in statistics 277, 282, 285
charity, private and public 283-4
diet and standard of living of the poor
285-6
family budgets 292-4
Friendly Societies and Benefit Clubs
280, 286-7, 288-9
Marx's praise of 278
Poor Laws 282-3, 284-5, 301
poor rates, rising cost of 284
population estimates 289, 298-300
prices in the Middle Ages 282
unemployment 283-4
women's financial dependence 286-7
workhouses 288, 290-2
Estimate of the Number of Inhabitants in
Great Britain and Ireland 278, 298-300
Observations on Friendly Societies 278
On the Policy and Expediency of Granting
Insurance Charters 278
Porto-Bello: a Plan for the Port and City of
London 278
State of the Poor 278-94
Edgeworth, Francis Y. 124, 139, 278
Edgeworth, Maria 150
education
‘basis of industrial reform’ 383
Booth's thwarted efforts in Liverpool
343
Irish 'hedge schools', 152
London
Board Schools 359-65
clerking 354-5
school attendance 363
syllabus 363-4
Toynbee Hall 347
voluntary schools 360, 361
Nightingale's inquiry on colonial
schools 392
Petty’s views 19-20
Stone, OECD report 438
Einaudi, Luigi 413-14
employment, see unemployment
Epsom 288-9
Evans, G. H. 112
Evelyn, John 11, 15-17, 63
excise, see taxes
expectation of life, see life expectancy
expenditure, see income and expenditure
balances; private expenditure; public
expenditure; taxes
exports and imports, see foreign trade;
taxes
Eylar, John M. 270
Fabian Society 347, 402
families, see households
family budgets
English labourers 292-4
Irish peasantry 151-2
Italy 132

490
## Index

London poor 357-8
see also households

Farr, William 253-73
belief in power of statistics 272-3
classification of diseases 259-60
connection with Florence Nightingale 256-7, 319, 329-30, 334, 335, 337
human capital 271-2
life tables 262-5
mortality
in the army 258
from cholera 268-70
by locality 265-4
by occupation 265-6
on ships 258
in Sweden 258
public health 254-5, 259, 263, 268-70
use of census data 262-3
use of computing machines 270-1
‘English Life Table’ [no. 1] (‘Letter to the Registrar General’) 263
‘English Life Table’ [no. 2] 263
‘English Life Table’ [no. 3] 263
Inaugural address to the Statistical Society of London 271, 272-3
‘Mortality of males engaged in different occupations’ 265-6
‘On the construction of life tables’ 264
‘Report on the cholera epidemic of 1866 in England’ 268, 270
‘Report upon the mortality of lunatics’ 266-7
‘Statistical nosology’ 260
‘The income and property tax’ 271
‘Vital statistics’ (in McCulloch’s *Statistical Account of the British Empire*) 257
*Vital Statistics* (ed. N. A. Humphrey) 257

Fauriel, Charles 305
Fenton, Elizabeth, see Petty, Elizabeth
Firmin, Thomas 284
Fisher, Irving 199
Fitzmaurice, Lord Edmond 17
Flamsteed, John 238, 240
Fleetwood, Bishop William 119-29, 133-4, 137, 138, 139, 397
birth of index-numbers 119, 122-9, 406-8
comparison with Shuckburgh 135-6

Eden’s use of his data 282
favoured by William III and by Queen Anne 120
his method described 126-7
Oxford student’s dilemma 124-6, 406-7
usefulness of college records 123
warnings against ignoring inflation 129
*Chronicon Praedictum* 122-9, 139, 406-8
Fiedler, Theodore 308
foreign trade 24, 26, 94-7
see also taxes
Fortrey, Samuel 56
Fowler, Dr. 306
Fox, G. 46
Fracastoro, Girolamo 418
France
compared with England and Holland
by King 101-5
by Petty 37-40
index-numbers of prices 130-1
political power 52-3
War of the League of Augsburg 53, 56,
85, 100-1, 403
War of the Spanish Succession 121
see also Young
freedom of conscience, see religious minorities
free-trade, see Young
Friendly Societies, see Eden

Galileo 390
Galton, Douglas 336
Galton, Francis 336-7
Gazley, John G. 147
General Register Office 210, 254, 256, 262, 270-1, 272
George, Prince of Denmark 120
George I 121
George III 144
Gilbert, Milton 433, 435, 438
Gladstone, William E. 329
Glass, David V. 74, 114, 209, 221, 228-9,
262, 420-1
Gliison, Francis 418
Goldsmith, Raymond 100
Gompertz curve 228
Graetzer, J. 250
Graham, Major 256
Granta, John 207-24, 272, 399
authorship of *Observations* 68, 224, 392-3, 410

© in this web service Cambridge University Press

www.cambridge.org
INDEX

founder of demographic statistics 207, 415-6
friendship and collaboration with Petty 8, 9, 45, 207, 208-9, 220-1, 224
interpretation of data 212, 416-20, 423-4
mortality and its causes analysed 213-9
population estimates 209-12, 222-3
survival rates 220-1, 241, 244-5
unemployment and beggedy 216
Observations upon the Bills of Mortality 209-24, 257, 393, 410, 416-20, 423-4
see also diseases; Halley
Green, Anne, reanimated by Petty 9-10
Greenwood, Major 221, 250, 257, 252
'Gregorian' attitude 492-3
Gregory, David 240
Gregory, James 113
Gresham College 9, 207, 209
Halley, Edmond 237-51
acreage of England measured 238-9
advocates population increase 251, 427
comparisons with Graunt and Petty 219, 221, 244-5, 246
life tables faulted by lack of population data 241, 261, 416
survival rates 242-6
terminology considered by Farr 265
'An estimate of the degrees of mortality of mankind' 241-6
'Letter to John Houghton concerning the number of acres in England and Wales' 238-9
'Some further considerations on the Breslaw bills of mortality' 250-1
Hare, F. A. C. 256, 257
Harley, Robert, 1st Earl of Oxford 75, 420
Hartlib, Samuel 8
Hatton, Christopher, 1st Baron 72
health
private expenditure 104
public expenditure 104, 106-9
regional variations 263-4
urban/rural differences 222-3, 419-20
see also Farr; Graunt; Nightingale
Henniker, Sir Brydges 256
Henry VI 119, 125, 127
Henry VIII 103
Herbert, Elizabeth 309, 311
Herbert, Sidney 309, 311, 333, 318, 319-21, 328-30
Hevelius, Johann 238
Heysham, John 259, 262
Hill, Octavia 347, 380
Himmelfarb, Gertrud 428
Hobbes, Thomas 7, 13, 16, 23
Holland
compared with England and France by King 101-3
by Petty 37-9
war with England 26-7, 53, 411
War of the League of Augsburg and alliance with England 56
Hollar, Wenceslaus 72
Holmes, G. S. 114
Hooke, Robert 238
Hopkins, Sheila V. 129
hospitals and almshouses in the 17th century 106-9
conditions in the 19th century in civilian hospitals 306-7
in military hospitals 313-4
lunatics 266-8
St. Thomas' 323, 334
see also Nightingale
Houghton, John 239
households 89-90
income 187-8, 197-8
income and expenditure 86-90, 97-99, 393-4
occupational classification 369-79
one-person 201
see also family budgets
housing
categorised 382
crowding 365-9
in Ireland (1672) 32-3, (1775) 151
in population estimates 224-5, 298-9
see also taxes
housing associations 347
Hull, C. H. 8, 17, 45, 224
human capital, see capital
Hume, David 281, 400
Hume, Leonard J. 69, 281, 400
Humphreys, N. A. 255, 257
Hyndman, Henry 348, 350, 356
Immigration 368, 382
see also migration
imports, see foreign trade; taxes

© in this web service Cambridge University Press
www.cambridge.org
INDEX

income
  of the army and navy 200-1
  of the British Empire 189-93
  per head
    in England 87-8, 102
    in France 102
    in Holland 102
  per household 87-8, 187-8, 197-8
  per social group 187-8, 197-8
  see also family budgets; national accounts; national income
income and expenditure balances
  England 29, 86-90, 102
  France 102
  Holland 102
index-numbers
  England
    Fleetwood 122-9, 282, 397, 406-8
    Lowe 136-8
    Shuckburgh 132-6
    Young 136, 137, 141
  France
    Dutot 130-1
  Italy
    Carli 131-2
Indian Sanitary Commission 322, 329-32
indigence, see poverty
industrial revolution 396-7
international comparisons
  Davenant 52
  King 101-3
  Petty 37-8, 39, 46
  see also income and expenditure balances; taxes
interpretation of data 54-5, 212, 416-20, 423-4
investment 91-4
Ireland 10-15, 44, 144-5
economic plans for 31-6, 40
land surveys 10-11
standard of living of the poor 32-3, 150-2
see also Petty; Young
Ireten, General Henry 10
Italy
  Florence Nightingale’s visits 304-5, 309
  index-numbers of prices 131-2, 413
  see also Young
James II 5, 50
  ‘a most navarchal prince’ 13
nominates Provost of King’s College, Cambridge 119
and Roman Catholicism 17, 44-5, 65-4, 120-1
Jenkins, Winifred Mary, see Stone, Winifred Mary
Jevons, W. Stanley 112, 138, 139
John, A. H. 351
Jowett, Benjamin 336-7
Justell, Henri 241
Kahn, Richard 431
Kaiserswerth nursing institution 308, 310-11
Kendall, Maurice G. 139, 406, 408
Keynes, John Maynard
early influence on Stone 431-2
essay on Newton 239
promotes publication of wartime national accounts 389, 433
spiritual descendant of Petty 21, 47
stimulus to economic analysis 395
King, Gregory 71-115, 224-35, 399, 402-3
appraisal of Petty 76, 229-30, 415
calculation of world acreage 230-2
connection with Davenant 51, 54, 56, 76, 110-3, 392-3, 412-3
development of Soho 72
economic estimates
  analysis of poll tax 82-5
  consumers’ expenditure 77-81, 421-2
  expenditure on health 103-9
  foreign trade 86, 94-7
  human capital 94
  income and outlay 86-91, 101-3
  international comparisons 101-3
  investment 91-4
  law of demand 68, 110-13, 393, 413-4, 421-2
  national accounts matrix after King 97-100, 389, 426
  saving and dissaving 86-90, 93-4, 99, 426
  war finance 100-1
  wealth 91-4
population estimates
  England 77-80, 86-9, 224-9, 420
  France 102
  Holland 102
  London 212, 225
  the world 229-35
INDEX

statistical methodology and reliability of his estimates 77, 81, 113-5, 186, 228-9, 235, 392, 412, 420-1
Computation of the Endowed Hospitals and Almshouses in England 106-8
Natural and Political Observations and Conclusions upon the State and Condition of England 68, 75-6, 85-6, 91-4, 97-109, 224-35, 395-403
Naval Trade of England 75-6, 85-6, 91-7
Scheme of the Inhabitants of the City of Gloucester 75
Scheme of the Rates and Duties . . . upon Marriages, Births and Burials 73, 225
‘Stafford Diary’ 108-9
Vita Gregorii King Fecialis . . . occursus praecipui [Principal Events in the Life of Gregory King, Herald] 74
King, Thomas 77
Kingsborough, George King, Viscount (later 3rd Earl of Kingston) 144
Klein, Lawrence 435
Kopf, Edwin 337
Kuznets, Simon 436
Labour manual 280-1
mobility, hindered by Poor Laws 296
productive and unproductive 193, 199
strikes 382
wages 28-9, 284
Labour Representative Committee 347
La Fayette, Marie Jean Paul, Marquis de 146, 173
Lancet 254
land values 23, 27, 28, 29, 91-2, 410-11
see also taxes
Landsdowne, 1st Marquis of, see Shelburne
Landsdowne, Henry Charles Keith Petty-Fitzmaurice, 5th Marquis of 45
Larcom, Sir Thomas 31
Lardner, Dr. Dionysius 270
La Rochefoucauld, Comte de (Lan
court’s son) 149, 154
La Rochefoucauld, François, Duc de (author of the Maximes) quoted by King 76
Laslett, Peter 71, 74, 76, 399-404
Laspeyres, E.L.E. 138
Lauderdale, 8th Earl of 112
Lavoisier, Antoine 159
Law, John 190
Lazowski, Monsieur de see Young
League of Nations 434
Le Fanu, Dr. James 322
Leibnitz, Gottfried W. 241
Leontinoff, Feodora, see Stone, Feodora
Leopold II of Hapsburg, Grand Duke of Tuscany, later Emperor of Austria, 170
Leutwin, W. 411
Levi, Leone 273
Lewes, Fred 270
Liancourt, François de La Rochefoucauld, Duc de see Young
life expectancy 246-50, 263-5, 420
life insurance 245-6, 261
life tables 220-1, 240-50, 261-5
see also Farr; Graunt; Halley
Lindert, Peter H. 114, 202
Linnaeus, Charles 260
Lister, T. H. 254, 256, 262
Llewellyn-Smith, Hubert 384
Locke, John 403
logarithms 250
London
Bills of Mortality 209-24, 257, 393, 410,
416-20, 423-4
East End 352, 355-6
education 358-65
expansion 72, 222, 383
hospitals 106-9, 306-7, 312-3, 333: 334
population 209-13, 225, 226
poverty 351-81
Lotka, Alfred J. 272
lotteries 24
Louis XII 131
Louis XIV 56, 64, 121, 130, 403
Louis XV 131
Louis XVI
at Versailles 153-4
under guard at the Tuileries 172-3
see also Young
Loveday, Alexander 434
Lowe, Joseph 136-8, 141
lunatics 216, 266-8
income of 187-8, 197-8
Luxton, George 433
Macaulay, Mary, see Booth, Mary
Macaulay, Zachary 343
McCulloch, John 239, 254, 257

494
INDEX

McNeill, Sir John 330
Malthus, Thomas R. 146, 400, 401
Manning, Cardinal 306, 311-12
Marie Antoinette, see Louis XVI
Marlborough, John Churchill, 1st Duke of 121
Marshall, Alfred 390
Martineau, Harriet 322
Marx, Karl 47, 278
Mary II, see Queen Mary
Massie, Joseph 393
Meade, James E. 389, 432-3, 437, 438
Mearns, Andrew 347
meat consumption 79-80, 102-3, 422
medicine, history of 418
Mersenne, Marin 7
migration
mass 39-40, 44
rural-urban 222, 237
see also immigration
military expenditure, see public expenditure
Milne, Joshua 262
Milnes, Richard Monckton 307, 310
Ministry of Economic Warfare 432, 434
Mitchell, Brian 299
money
changing value of, see index-numbers
circulation of 42-3
coin clipping 407
debasimg the coinage 25
recoinage 45, 403
Moore, Henry Ludwell 421
morbidity and mortality
age distribution 241-5, 220-1, 242
analysis for 17th century London 213-9
annual incidence 104
lunatics 266-8
maternal 334, 418-19, 424
by occupation 265-6
from pollution 233, 245, 420-1
wastage 258, 313-5, 324-8
see also Bills of Mortality; diseases; Farr; Graunt; Nightingale
Mulhall, Michael 395

National accounts
Petty’s estimates (1665) 27-9, 30-1, 391, 424
reconstructed from King’s estimates (1688) 97-100, 393, 426
twentieth century developments 389, 391, 433, 434-6
national income
Colquhoun’s estimates (1803) 186-9, 394-5, (1812) 193-200, 395
King’s estimates (1688) 87-8, 102, (1695) 102
nineteenth century estimates 394-5
Petty’s estimates (.1665) 27-9
Young’s estimates (c. 1770) 149-50, 394
see also income and expenditure balances
National Institute of Economic and Social Research 434, 435
Neumann, Caspar 241, 250
Newbold, Ethel 22
Newcastle, William Cavendish, Marquis and later 1st Duke of 7
Newton, Isaac 115, 119-20, 238, 239-41, 403
Nightingale, Florence 277, 393-37, 399
apprenticeship as a nurse 306, 308, 310-11, 312
belief in statistics 277, 308, 324, 335-7
collaboration with Farr 256-7, 319, 329-30, 334-7
and with Herbert 309, 313, 319-21, 328-9
Crimean War 313-17, 324-8
first training school for nurses 323
friendship with Jowett 336-7
and with Quetelet 335
health in the civilian population 322, 332
maternity wards 334
popularity 315-6
reform of hospitals and service conditions in the army 317-20, 328-32
sanitary statistics 332-3
teaches herself mathematics 306
use of coloured diagrams 324, 326
Army Sanitary Administration and its Reform under the late Lord Herbert 328
Hospital statistics and hospital plans’ 333
‘How people may live and not die in India’ 331
‘How some people have lived, and not died, in India’ 332
Institution of Kaiserswerth on the Rhine for the Practical Training of Deaconesses 311
INDEX

Introductory Notes on Lying-in Institutions 334
Letters from Egypt 310
Mortality of the British Army at Home and Abroad, and during the Russian War 324
Notes on Hospitals 333
Notes on Matters Affecting the Health, Efficiency and Hospital Administration of the British Army 319
Notes on Nursing 332
‘Notes on the sanitary conditions of hospitals, and on the defects in the construction of hospital wards’ 332
Observations on the Evidence . . . Submitted to the Royal Commission on the Sanitary State of the Army in India 330-1
‘Sanitary statistics of native colonial schools and hospitals’ 322
‘Statistics of the general hospitals of London’ 333
Suggestions in Regard to Sanitary Works Required for the Improvement of Indian Stations 332
Norman-Butler, Belinda 351
North, Christopher 190
nurses training, see Nightingale

Offices of the War Cabinet 432
Ogilvy, John 72
old-age pensions, see Booth
Onslow, Arthur 141-2
Organisation for Economic Cooperation and Development 438
Organisation for European Economic Cooperation 434-5
Orléans, Louis Philippe (Egalité), Duc d’ 164
Ormonde, James Butler, Marquis and later 1st Duke of 13, 15, 411
Oxford and Halley 238, 240
and Petty 9-10
student’s dilemma, see Fleetwood

Paine, Thomas 402
Palmerston, Henry John Temple, 3rd Viscount 316, 319, 328, 329
Pannure, Fox Maule, 2nd Baron 318-20
Parenti, Giuseppe 139, 405-14, 421
Pareto, Vilfredo 112
parish reports 287-94
Pearson, Karl 209, 221, 228, 250, 337
Pebrer, Pablo 305
Pepys, Samuel 15-16, 63, 208
Petty, Elizabeth 16-7
Petty, William 5-47, 71
aims and methods of political arithmetic 41
appraisal of his work by Davenant 51-3
and by King 76, 229-30, 415
calls for expansion and publication of official statistics 22, 40-7
decrees peerage 15, 63
designs double-bottomed ship Experiment 13
‘Down Survey’ and map of Ireland 10-11, 31
estimates of capital
human 29, 30, 46
land and tangible assets 27-8, 45-6
favoured by Oliver and Henry Cromwell 16, 11
and by Charles II 12-13
Founding Fellow of the Royal Society 13
friendship and collaboration with
Graunt 8, 9, 45, 207, 208-9, 220-1, 224, 237, 241, 393, 410
government adviser 5, 11, 52, 391, 411
industrial estate in Ireland 14, 17
international comparisons 37-9, 40
interpretation of data 423-4
Marx’s and Keynes’ indebtedness 47
national accounts 27-9, 30-1, 90
population estimates
England 27, 46
Ireland 32, 34-5
the world 229-30, 234-5
Professor of Anatomy at Oxford 9-10
suggestions for a unified imperial parliament 41
‘superlucrative’ (saving) 27, 86-7
views on
the Church 19
education 19-20
expenditure on ‘the Governours’ (ministers and civil servants) 19
foreign trade 24
military expenditure 41-2
money 25, 42-3
unemployment 20-1, 39, 42
in Ireland 35-6
war 18-19

496
INDEX

per head 77-81, 87-8, 102
per income group 77-81
per social group 87-8
in France 101-3
in Holland 101-3
see also diets; family budgets; income and expenditure balances; national accounts; taxes
production
accounts 148-9, 177-8
branches of 195-6
and population, poverty and power 424-8
productive and unproductive sectors 193, 199
Pryce, Joseph 253-4
Ptouka, M. 221
public expenditure
analysed by Petty 18-21
hospitals and almshouses 166-9, 288, 290-2
military 41-2, 100-1, 200
poor relief 20-1, 216, 282-4, 295, 426
see also unemployment
public finance 18-26, 55
see also taxes
public health
in England 104-9, 254-5, 263-5
in India 332
Queen Anne 50, 120, 121
Queen Marie Antoinette, see Louis XVI
Queen Mary II, see William and Mary Quetelet, Adolphe, xix, 335, 337
Ralegh (or Raleigh), Sir Walter 414
Raynal, Abbé 166
Récamier, Madame 305
Reed, Lowell J. 250
religious minorities 38, 382
Ricardo, David 400
rackets 219, 418
Roncaglia, Alessandro 47
Rostopchine, Count, sends Young jewelled snuffbox 146
Rousseau, Jean Jacques 400
Rowe, Deryck 435
Royal Sanitary Commissions 318-20, 324-7, 329-31
Royal Society
Babbage 270
Booth 350
Farr 256
Graunt 209-10, 392
Halley 237, 238, 239-40, 241
Houghton 239
Pettig 13, 15, 405, 423
Shuckburgh 133
Young 143
Royal Statistical Society
Booth 348-9, 350, 365
Nightingale 336
see also Statistical Society of London
Rozier, Abbé 156
Rubin, Herman 435
Ruggles, Richard 435
St. Thomas' Hospital 323, 334
Sanddorff, Francis 72-3
Sankey, Sir Hierome 11-12
Sartine, Monsieur de 298
Sauvages, P. A. 260
savings
'increase' 86-94, 101-3
'superlucracion' 27
see also national accounts
Scheutz, George and Edward 271
Schofield, R. S. 114, 229
Schumpeter, J. A. 421
servants
domestic 97, 377
farm 148
indicative of status 369
paying poll tax 83-4
use of the term in the 17th century 90
Shaftesbury, Anthony Ashley Cooper, 7th Earl of 308
Shakespeare, William (? Davenant's grandfather) 49
Shelburne, William Petty-Fitzmaurice, 2nd Earl, later 1st Marquis of Lansdowne 144
ship-money, see taxes
Shuckburgh-Evelyn, Sir George 132-6, 137, 138-9
Siegès, Abbé Emmanuel Joseph 163-4
Simey, T. S. and M. B. 351
Simpson, Sir James 334
Sinclair, Sir John 145-6, 279, 299
Sismondi, Jean 305
Sitwell, Osbert 141

© in this web service Cambridge University Press
www.cambridge.org
INDEX

Smith, Adam
  compared with Eden by Marx 278
  his definition of productive sectors followed by Colquhoun 193, 199, 202
  his place in order of economic theorists 400
  his views on colonies 189-90
  and on French roads 157-8
  and on political arithmetic 394
Smith, Mrs. Samuel (Florence Nightingale’s Aunt Mall) 311, 315, 317, 320-1, 323
Snow, Dr. John 268-70
social accounts, see national accounts
Social Democratic Federation 348
social enquiry 399-401
social status 63, 89
socialism, see Booth
Soho surveyed and planned by Gregory King 72
soldiers, conditions of service see Nightingale
Southwell, Sir Robert 17, 46
Soyer, Alexa 314
Spain 155-6
Spelman, Sir Henry 128
standard of living
  indicated by number of chimneys
    in England 58
    in Ireland 32-3
  poor
    in England 285-6
    in Ireland 150-2
  slum children 362
  see also family budgets; poverty
Stanley, Edward Henry, Lord, later 15th Earl of Derby, 329-30
Statistical Society of London
  Babbage 270, 271
  Farr 255, 271
  Nightingale 333
  see also Royal Statistical Society
Stein, Gertrude 47
Stepney, George 77
Stigler, George J 293-4
Stone, Giovanna 437
Stone, Mervyn 335
Stone, Richard 389, 391, 393, 415
  autobiography 431-9
Strachey, Lytton 324
Struyck, Nicolaas 400
Studenski, Paul 183

‘superlucration’ see saving surveys
  demographic
    England (Eden) 278-80
    London (Booth) 349-50, 380-1, 384
    Southweald (King) 77
land
  Ireland (Petty) 10-11, 31
  London (King) 72
survival tables, see life tables
Süssmich, Johann Peter 400
Sutherland, Ian 221
Sutherland, Dr. John 315, 319-21, 329-30
Sweden, death rates in 258
Sycyès, see Sicyès

Taxes
  aids 58, 59-60, 64-5
  on beer and ale 26, 59-60, 64, 66
  ‘benevolence’ 24
  on capital 29, 30
  comparisons over time 57-62
  customs duties 23, 24, 26, 57
  costs of collection 24
  Excise Office 50, 77
  on expenditure (excise) 25-6, 67-8
  ease of collection 67
  preferable to taxes on income 23
  on hearths, see property
  on housing, see property
  on human capital 30, 271
  on ‘imaginary estates’ 25
  importance of fair assessment 21-22, 24, 27, 30, 57, 67-8
  on income 23, 30, 183, 394
  international comparisons 39, 101-3
  on land 23-4
  on marriages, births and burials 54, 73, 225
  and national wealth 38-9
  objections to 21-2, 24, 63
  poll tax 23, 24, 30, 59-60, 62-4, 82-4
  proportional to rank 24, 63, 82-4
  poor rates 57, 59-60, 106, 148
  rising cost of 284
  property 23, 24, 26, 30, 57, 58
  regional distribution 56-66
  ship money 22, 58, 59-60
  sources of war finance 26-7, 56, 67
  tax farming 50, 51-2
  tithes 25, 148

499
INDEX

use of tax returns 51, 53-4, 77, 395
on usury 68
on wealth 25, 412
on wine production in France 177-8
see also national accounts; public expenditure
Tooke, Mary (Mrs. Halley) 238
Toynbee Hall 347
trade
balance 55, 68
driven by money 42-4
foreign 24, 26, 51, 57, 68-9, 86, 94-7
trade unions, see Booth; Crompton
training
and employment 381
nurses 313, 323
transport
canal boat from Venice to Bologna 170
horseback across France 153, 154, 156,
160, 161, 162
muleback into Spain 155-6
post chaise down Italy 169, 171
private travelling carriage 304
traffic jams in 17th century London 222
Trevelyan, Sir Charles 330

Unemployment 427
causes of 281
dole 39, 218
Ireland 55-6
London 347
measures to counteract 18, 20-1, 282, 284, 381, 383
and their risks 216, 283-4, 427
and poverty 186, 216, 282
see also Colquhoun; Eden; Graunt
United Nations 434, 436, 438
Usher, A. P. 69

Value added 148-9
Vanbrugh, Sir John 74
Vauban, Sébastien Le Prestre, Seigneur de, Marshal of France, xix 400
Vegetius 18
Verney, Sir Harry 323
Vernon, Colonel 15
Villani, Giovanni 422
Waddell, D. A. G. 50, 69
wages, see labour
Wakley, Dr. Thomas 254
Waller, Sir Hardress 16
Wallis, John 8, 240
Walsh, Richard 199
war
Crimean 333-17, 324-8
finance 26-7, 56, 67, 100-1
Petty’s views on 18-9
with France
League of Augsburg, 53, 56, 85, 100-1, 493
Spanish Succession 121
with Holland 26-7, 55, 411
see also Farr; Nightingale
Wargentin, Pehr Wilhelm 416
Washington, George 146
wealth
annual yield 28
British Empire 189-93
contribution by social class 86-9
indicated by rank 24
international comparisons 37-8
saving and investment 91-4
see also capital; national accounts; taxes
Webb, Beatrice (nee Potter) 344-5, 348-9, 402
Webb, Sidney 402
Whewell, William 112-3
Whistler, Daniel 418
Whitworth, Charles 69
Wicksteed, P. H. 112
Williamforce, William 146
Wilkes, John 142
Wilkins, John 8, 9, 12
Willcox, Walter F. 220-1
William III
favours Fleetwood 120
and Halley 240
his liberal views 120-21
proposes Newton as provost of King’s College 119-20
see also William and Mary
William and Mary 50
their coronation 73
their popularity 63-4, 120
their tax policy 58
Williamson, J. G. 114
Willis, Dr. Thomas 9
wine production in France 175-80
women
death in childbirth 334, 418-19, 424
employment of young mothers 383

500
INDEX

financial subjection to husbands 286-7
Wood, Anthony 208, 209, 238, 240
Woodham-Smith, Cecil 324
workhouses, see poverty
Wren, Christopher 9, 12, 106, 403
Wrigley, E. A. 114, 229, 423-8

Yeats, Dr. 185
Young, Arthur 141-81, 400
advocates population censuses 143, 261-2, 408-10
connection with Duc de Liancourt and with his friend Lazowksi 145, 153-4, 158, 162-5, 172-4
disapproves of colonies 166-7
index-numbers 198-7, 138
national income estimates 149-50
production accounts for English agriculture 147-9, 394
and for French vineyards 177-9
standard of living of the Irish peasantry 150-2
support of research, public versus private 162
travels in France 145, 152-67, 172-80
agriculture 154-5, 158-9, 160-1
‘an English farm’ 174
wine production 175-80
inns 154, 157, 160
poverty of the peasantry 150, 156, 161, 179-80
roads and public works 153, 154, 157-8
the Revolution 159, 162-7, 172-4
American influence 161, 166
oath of the Jeu de Paume 163-4
political dinner in Paris 159
and at Versailles 164

the royal family under guard in the Tuileries 172-3
storming of the Strasbourg hôtel de ville 172-3
Young elected to the Jacobin Club 173-4
travels in Italy 67-72
agricultural opulence of Lombardy 167-8
Bergamo, an episode in the manner of Sterne 168-9
città 168, 170
decay of Venice 169-70
intellectual vitality of Florence 170-1
the Medici as art patrons and the London merchants 171
views on free trade 156-80
visit to Spain 155-6
Annals of Agriculture 144, 146
Autobiography 147
Farmer’s Tour through the East of England 143, 150, 394
‘Inquiry into the progressive value of money in England’ 136, 137
‘Memoirs of the last thirty years of the Editor’s farming life’ 146
Political Arithmetic 143, 150, 173-4, 394
Proposals to the Legislature for Numbering the People 143, 261-2, 408-9
Six Months’ Tour through the North of England 143, 147, 394
Six Weeks’ Tour through the Southern Counties of England and Wales 143, 394
Tour in Ireland 144, 147, 150-2
Travels during the years 1787, 1788 and 1789 145-6, 152-75, 408
Young, Dr. David 321-2
Yule, George Udny 112

501