## Index

<table>
<thead>
<tr>
<th>Term</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abadie, A.</td>
<td>120, 148</td>
</tr>
<tr>
<td>ABN Amro</td>
<td>144</td>
</tr>
<tr>
<td>Abu Sayef</td>
<td>140</td>
</tr>
<tr>
<td>Accelerated Disaster Response Initiative (ADRI)</td>
<td>51</td>
</tr>
<tr>
<td>acceptability, of anti-terrorist policy</td>
<td>109</td>
</tr>
<tr>
<td>accidents</td>
<td>25–6</td>
</tr>
<tr>
<td>Afghanistan</td>
<td>14</td>
</tr>
<tr>
<td>Afghanistan Investment Guarantee Facility</td>
<td>144</td>
</tr>
<tr>
<td>African Union (AU)</td>
<td>21</td>
</tr>
<tr>
<td>Aguirre, Fernando</td>
<td>138</td>
</tr>
<tr>
<td>AIG 80</td>
<td></td>
</tr>
<tr>
<td>air travel</td>
<td></td>
</tr>
<tr>
<td>airports</td>
<td>148, 149–50, 155, 158–63, 164</td>
</tr>
<tr>
<td>losses from border closure</td>
<td>202–4, 207, 210–19, 229, 267–8</td>
</tr>
<tr>
<td>9/11 effects analysis</td>
<td>6, 150–64, 165–6</td>
</tr>
<tr>
<td>9/11 effects hypotheses</td>
<td>148–50</td>
</tr>
<tr>
<td>regulation</td>
<td>272</td>
</tr>
<tr>
<td>stock market effects of terrorism</td>
<td>126</td>
</tr>
<tr>
<td>as terrorism target</td>
<td>19</td>
</tr>
<tr>
<td>see also international travel, and border closure</td>
<td></td>
</tr>
<tr>
<td>Alaskan earthquake (1964)</td>
<td>50</td>
</tr>
<tr>
<td>Aldy, J.E.</td>
<td>281</td>
</tr>
<tr>
<td>Alexander, Dean C.</td>
<td>1, 5</td>
</tr>
<tr>
<td>al-Qaeda</td>
<td>14, 107, 125</td>
</tr>
<tr>
<td>Amadeus (travel booking service)</td>
<td>127, 130</td>
</tr>
<tr>
<td>American Nuclear Insurers (ANI)</td>
<td>81</td>
</tr>
<tr>
<td>Anthrax and Beyond initiative</td>
<td>62–4</td>
</tr>
<tr>
<td>anthrax attacks</td>
<td>45, 62–4, 76, 85–7</td>
</tr>
<tr>
<td>antiterrorist organizations</td>
<td>14</td>
</tr>
<tr>
<td>Aon Corporation</td>
<td>82</td>
</tr>
<tr>
<td>Arab League</td>
<td>21</td>
</tr>
<tr>
<td>Argus (Project)</td>
<td>108</td>
</tr>
<tr>
<td>Arizona</td>
<td>207</td>
</tr>
<tr>
<td>Arthur Andersen &amp; Co</td>
<td>23</td>
</tr>
<tr>
<td>Asia-Pacific Economic Cooperation (APEC)</td>
<td>21</td>
</tr>
<tr>
<td>Asian Development Bank</td>
<td>192</td>
</tr>
<tr>
<td>assessable reciprocal mutual insurance</td>
<td>81</td>
</tr>
<tr>
<td>Association of British Insurers (ABI)</td>
<td>97, 112</td>
</tr>
<tr>
<td>Association of South-East Asian Nations (ASEAN)</td>
<td>21</td>
</tr>
<tr>
<td>Aum Shinrikyo</td>
<td>78–9</td>
</tr>
<tr>
<td>Australia</td>
<td>20, 87</td>
</tr>
<tr>
<td>Autodefensas Unidas de Colombia (AUC)</td>
<td>137–8</td>
</tr>
<tr>
<td>automatic number plate recording cameras (ANPR)</td>
<td>111</td>
</tr>
<tr>
<td>avian influenza</td>
<td>7–8, 45, 201–2</td>
</tr>
<tr>
<td>Aznar, José María</td>
<td>123, 128</td>
</tr>
<tr>
<td>Bae, Chang-Hee Christine</td>
<td>7</td>
</tr>
<tr>
<td>Baily, E.</td>
<td>100</td>
</tr>
<tr>
<td>Banadex</td>
<td>137, 139–40</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>38</td>
</tr>
<tr>
<td>banks</td>
<td>52–3</td>
</tr>
<tr>
<td>Baumert, Thomas</td>
<td>1, 5</td>
</tr>
<tr>
<td>Becker, G.S.</td>
<td>149</td>
</tr>
<tr>
<td>Beeler Asay, Garrett R.</td>
<td>6</td>
</tr>
<tr>
<td>behaviour, and risk</td>
<td>46–51</td>
</tr>
<tr>
<td>Belgium</td>
<td>14</td>
</tr>
<tr>
<td>benefit assessment of terrorism security regulations</td>
<td>277–85</td>
</tr>
<tr>
<td>Bethune, Gordon</td>
<td>40</td>
</tr>
<tr>
<td>Bhopal gas tragedy (1984)</td>
<td>80</td>
</tr>
<tr>
<td>Bier, V.</td>
<td>56</td>
</tr>
<tr>
<td>bilateral terrorist attacks</td>
<td></td>
</tr>
<tr>
<td>effect on trade</td>
<td>6–7, 169–72, 182–4</td>
</tr>
<tr>
<td>empirical analysis of trade effects</td>
<td>172–82</td>
</tr>
<tr>
<td>bilateral trade</td>
<td></td>
</tr>
<tr>
<td>effect of terrorism on</td>
<td>6–7, 169–72, 182–4</td>
</tr>
</tbody>
</table>
empirical analysis of terrorism effects 172–82
Bin Laden, Osama 2, 14
biological weapons see nuclear, biological, chemical and radiological (NBCR) attacks
bioterrorism 78
Blomberg, S.B. 172
bomb attacks 76, 93, 94
see also car bomb attacks
border closure
air travel losses 202–4, 207, 210–19, 229, 267–8
duration 202, 249–50, 253–4
economic impact of 7–8, 201–2, 206–8, 228–9, 244–55
export effects 228, 237–9, 244, 245–6, 248, 250–51, 253
financial markets 250–52
immigration effects (NIEMO model) 204–6, 207, 222–5, 229
immigration effects (REMI model) 234, 241–4, 245–6, 248, 269–70
import effects 228, 235–7, 244, 245–6, 248, 250–51, 253, 259–66
international travel effects 228, 239–41, 245–6, 248, 253, 267–8
investment 250–52
models of 7, 8, 202, 229–35, 255
and shopping 206, 207, 214, 226–7, 229
simultaneous shutdown of all activities 201–2, 247–8
trade losses 204, 205, 207, 220–21
BP 31, 35
break-even analysis of terrorism regulations 8–9, 273–85
Britain 14, 20
see also United Kingdom (UK)
British Airways 126
Bröttcher, Volker 133
Brzezinski, Z. 11
budgets, and risk estimations 48–9
Buesa, M. 121
Bush, George W. (Jnr.) 19, 20
business
and globalization 13–14
mutual support 18
risk assessment 183
and terrorism 1–2, 191–4, 198–9
trade, and border closure 204, 205, 207, 220–21
uncertainty 3–4
see also transnational corporations (TNCs)
business continuity
disruption planning 33–9, 40–41, 99–101
disruption types 23–30
emergency management 30–32
empowerment of individuals 39–40
priority chart 29
resilience 2–3, 101–6, 108–11, 244, 252–4
CAC40 index 126, 128, 130
California 87, 205, 207
Canada 20, 104, 272–3
Canary Wharf 95, 97
capital 231, 232, 233, 234, 235, 243, 251
car bomb attacks 93, 94, 102, 107
see also bomb attacks
Caribbean 272–3
cars, driving risk 149
Carter, D. 121
casualties 279–84
catastrophic risk
break-even analysis of terrorism regulations 284–5
and globalization 3
and individual behaviour 46–51
losses 42–6
mitigation 51–4, 57–62
Chamber of Commerce (London) 96, 110
chemical weapons see nuclear, biological, chemical and radiological (NBCR) attacks
Chen, A.H. 120
Cheng, I.-H. 173, 176
Chernobyl nuclear plant disaster 45
Chicago 148–9
child labor 27
Chile 13
China 7, 44, 190, 192, 194, 197, 250
Chiquita Brands International (CBI) 5, 136–40
Chiron Inc. 27
Choudhry, T. 121
CIA (Central Intelligence Agency) 125
Index

Citigroup 66
citizens, role of 104
City Property Association 97
Civil Contingencies Act 103
Clemens, Jeffrey 6
closed circuit television (CCTV) 95, 108, 110
CNI (Centro Nacional de Inteligencia) 123, 125
Coffeee, Jon 4
Coast Guard, US 40
Cold War 103
collaboration 37–8, 62–4
Colombia 5, 136–40, 143
Colombo 93
colonial empires 14
Communities, role of 104
Consumer Federation of America 84
CONTEST strategy 105–6
Continental Airlines 40
cooperation 10, 15–22
coordination 15–16
cost-benefit analysis of security measures 8–9, 273–85
costs of casualties 279–84
individuals’ risk estimations 48–9
REMI model 232, 233, 234, 235
terrorism regulations 274–7
counter terrorism business 2
Counter Terrorism Security Advisors (UK) 107
Crisis Recovery Plans (CRPs) 100
cross-border shopping 206, 207, 214, 226–7, 229
crowded public places 106–7, 109
demand 231, 232, 233
Democratic People’s Republic of Korea (DPRK)
denuclearization of 188–9
economy 189–91
investment as antiterrorism strategy 191–4, 198–9
Kaesong Industrial Complex (KIC) 194–7, 199
nuclear weapons development 78
reunification with Republic of Korea (ROK) 7, 189, 193, 194
and terrorism 187–8
Tumen River Project 7, 197–8, 199
Denmark 13
density of economic activity 148–9, 159
see also crowded public places
denuclearization 188–9, 191–2, 199
Department of Homeland Security (DHS) see Homeland Security, Department of (DHS)
derivatives markets 131
Dermisi, S. 148
Des Moines 77
detection, of disruptive events 38–9
Deutsche Bank 32
development stage of countries 177–82, 184
dirty bombs 76
disaster assistance 49–51
disaster plans see evacuation plans
disasters, US Presidential declarations of 50–51
disruption emergency management 30–32
empowerment of individuals 39–40
planning for 33–9, 40–41, 99–101
priority chart 29
types of 23–30
Docklands, London 94, 95, 97, 98
domestic travel (US) 203–4, 215, 239–41, 253, 255, 268
Dow Jones index 126, 128, 130
Drakos, K. 121
driving risk 149
Du Pont 25–6
Dunriding Company N.V. 143

Harry W. Richardson, Peter Gordon and James E. Moore II - 9781848449350
Downloaded from Elgar Online at 08/19/2019 08:16:50AM
via free access
early warning systems 38–9
earthquakes 10, 24, 44, 46, 80, 253
East-West coast (US) air travel 148, 163–4, 165–6
economic activity 148–9, 159
economic infrastructure, threats to 4–5, 92–3, 106–7
Eldor, R. 121, 122
Ellsberg, D. 79
embassies, as terrorist targets 19
eastern management centers (EMCs) 30–32, 34–5, 40
emergency response testing 104–5
emissions reductions 57
employees 31–2, 35, 39–40
empowerment 39–40
Enron 23
epidemics 201–2
see also avian influenza; pandemics
Ericsson 18, 23
ETA (Eusadi Ta Askatasuna, ‘Basque Homeland and Freedom’) 120, 122–32
euro 128
Europe 15
European Union (EU) 20, 28, 192
evacuation plans 5
ex ante business decisions 183
ex post business decisions 183
expert judgement 279
exports, and border closure 228, 237–9, 244, 245–6, 248, 250–51, 253
externalities 45, 57
extortion
Chiquita Brands International (CBI) 136–40
effects on host country 144–6
risk reduction by transnational corporations (TNCs) 141–4
risks to transnational corporations (TNCs) 140–41
ExxonMobil 13
Federal Emergency Management Administration (FEMA) 39
financial assistance 49–51
financial centres, as terrorism targets 92–3, 106–7
financial institutions 187, 192, 193
financial loss mitigation 33–4
financial markets
border closure effects 250–52
and terrorism 74, 120–22
fire fighters 16
first responders 17
flexibility 36–7, 64
floods 80, 284
Ford 13
foreign direct investment (FDI) 191–4
Foxmeyer 23
France
global business 14
mutual support 20
nuclear, biological, chemical and radiological (NBCR) risks 87
postal security 63
stock market effects of Madrid train bombings 126, 128, 130
strikes 28
franchising, of global terrorism 14
Fratianni, M. 172
Frist, William 78
FTSE 100 index 126, 128, 130
G8 (Group of Eight) nations 21
Gardeazabal, J. 120
gas 1–2
General Agreement on Tariffs and Trade (GATT) 12
General Motors (GM) 13, 18, 24
Germany
global business 14
mutual support 20–21
nuclear, biological, chemical and radiological (NBCR) risks 87
postal security 63
reunification 189
stock market effects of Madrid train bombings 125, 126, 128, 130
Gigernezer, G. 149
Gladwell, M. 49
Glaeser, E.L. 148
Glasgow airport attack (2007) 107
Glick, R. 172
global business
and globalization 13–14
mutual support 18
risk assessment 183
Index

and terrorism 1–2, 191–4, 198–9
trade, and border closure 204, 205, 207, 220–21
uncertainty 3–4
global integration 183–4
global interdependencies
  Anthrax and Beyond initiative 62–4
  nature of 55–7
  and risk 42–6
  risk mitigation 57–62, 65–9
Global Risk Network 3, 55, 66–9
global risks 54–5, 65–9
  see also risk
global security 15–16
global supply chains 57–62
global terrorism 10, 14–22, 170–71
  see also terrorism
global trade 183–4
  see also trade
globalization
  and catastrophic risk 3
  and global business 13–14
  and global terrorism 10, 14–22
  sources of 11–12
  and terrorism 2–3
Globalization and the Future of Terrorism: Patterns and Predictions (Lia) 15
Gordon, Peter 7, 149, 229
government role 74–6, 97–9, 130–31, 254
government standards 62
Graham, J.D. 282, 283
Great Britain see Britain; United Kingdom (UK)
Great Depression 12
Greece 13
Greene, D. 230
greenhouse gas emissions 57
Griffin (Project) 108
guarantees for transnational corporations (TNCs) 143–4
Gum Arabic Co. 2
Guy Carpenter & Co. 87

Hiroshima 78
Hogarth, R. 79
Holguin, Carlos 139
Holland 14, 20, 63
Homeland Security, Department of
  (DHS)
    creation of 14
    Hurricane Katrina 39–40
    terrorism security regulations
      assessment 271, 272, 278, 279, 285
    terrorism strategy 19
Hon, M. 121
Hong Kong 56
hospitals 16
hub-and-spoke business model 150
Hughes, C. 198
Hurricane Katrina 31, 32, 39–40, 42, 44, 46, 50
Hurricane Rita 46
Hurricane Wilma 46
hurricanes 42, 44, 46
Hyundai 195
Iberia Airlines 127, 130
Ibex 35 index 122–32
Iguaran, Mario 138
illegal immigration, and border closure
  205–6, 207, 224–5, 229, 241–4, 245–6, 248, 269–70
Illinois 205
immigration
  NIEMO model of border closure
    effects 204–6, 207, 222–5, 229
  REMI model of border closure
    effects 234, 241–4, 245–6, 248, 269–70
  see also illegal immigration, and border closure; legal immigration, and border closure
IMPLAN model 202
imports
  effects of border closure 228, 235–7, 244, 245–6, 248, 250–51, 253, 259–66
  oil 230
India 38
individuals, role of 39–40, 46–51
Indonesia 13, 14, 38, 56
influenza 12, 27
information 64, 104, 132
initiative, use of 39–40
injury, cost of 280–81
input-output models 202, 229, 247, 279
instability 140–44
institutions 19–21
insurance
  anthrax attacks 85–7
  disruption planning 33–4
  long-term cover 53–4
  long-term loans 52–3
losses from catastrophic events 42–6, 77, 96, 106–7
9/11 terrorist attacks 47
nuclear, biological, chemical and radiological (NBCR) risks 4, 75–80, 87–8
nuclear reactors 80–81
political instability risks 142–4
and risk 53–4, 101
terrorism insurance 74–5, 96–9
and Terrorism Risk Insurance Program Reauthorization Act (TRIPRA) 75–6, 81–4, 88
workers’ compensation 84–7
Intel 18, 34, 36
intelligence 17, 18–19
intentional disruptions 27–8
interchangeability 36
interdependencies
  Anthrax and Beyond initiative 62–4
  local 49
  nature of 55–7
  and risk 42–6
  risk mitigation 57–62, 65–9
interest rates 250–52
international cooperation
  global terrorism 15–16
  information protocols 132
  investment as antiterrorism strategy 191–4, 198–9
  Kaesong Industrial Complex (KIC) 194–7
  resilience planning 109–10
  Tumen River Project 197–8, 199
international institutions 19–21
International Longshore and Warehouse Union (ILWU) 27–8
International Monetary Fund (IMF) 20
International Tourism Exchange (ITB) 127
international trade 183–4
see also trade
international travel, and border closure 228, 239–41, 245–6, 248, 253, 267–8
see also air travel; tourism; Western Hemisphere Travel Initiative in the Land Environment (WHTI-L)
Intriligator, Michael D. 2, 11
investment 191–4, 198–9, 250–52
Iran 78, 230
Iraq 14, 171, 193
Ireland 14
Irish Republican Army (IRA) 4–5, 93, 94, 98
iron collar 95–6, 101
Islamic Conference 21
Islamic terrorist attacks 14, 107, 123, 125, 127–30
Israel 13, 14, 34, 87, 121, 122, 199
Italy 20–21, 126, 128, 130
Ito, H. 148, 149, 150, 151, 152, 153, 154, 164
Jaffee, Dwight 4, 81
Japan 14, 20, 126, 192, 197–8
JARring actions 57
Kaesong Industrial Complex (KIC) 7, 194–7, 199
Kahneman, D. 78
Kang, H. 172
Katrina, Hurricane 31, 32, 39–40, 42, 44, 46, 50
Kenya 19
Keohane, N. 56
kidnapping 144
Kim Dae Jung 190
Korea 7, 189, 192, 194
see also Democratic People’s Republic of Korea (DPRK); Republic of Korea (ROK)
Korea-United States (KORUS) Free Trade Agreement (FTA) 196–7, 199
Kousky, C. 57
Kunreuther, Howard C. 3, 79, 81
labor 231–4, 235, 243, 251
Lagadec, Patrick 63
Landes, William 19
Landmines Treaty 20
Langewiesche, W. 78
Läpple, Klaus 127, 133
large airport hypothesis 148, 149–50, 158–63, 164
LaTourrette, Tom 8, 275, 276, 279
Lee, D. 148, 149, 150, 151, 152, 153, 154, 156
legal immigration, and border closure 204, 205, 207, 222–3, 229, 241–4, 245–6, 248
Leung, Billy (Rose et al.) 8
Li, Quan 6
Lia, Brynjar 15
liberalization 11–12
Libya 21, 171
Little, R. 108–9
loans 52–3
local interdependencies 49
Lockerbie bombing (1988) 56
London
CONTEST strategy 105–6
contingency planning 99–101
crowded public places 106–7
as economic target 4–5, 92–3
financial sector 94
resilience planning 101–5, 108–11
risk reduction measures 94–6
size of financial sector 107
terrorism insurance 96–9
London First 104, 110–11
London Resilience Partnership 103–5
long-term insurance 53–4
long-term loans 52–3
Los Angeles 10, 16, 17, 21, 149
losses, insured 42–6, 77, 96, 106–7
see also border closure
low-cost carriers (LCCs) 149–50, 152
Lower Manhattan Security Initiative 110
Lu, Z. 198
choice of target 28, 93
events of 119
stock market effects 1, 5, 119–20, 122–32
Major, John 93
Maldives 38
Malta 56
market share 232, 233, 234–5, 243, 251
Marsh & McLennan 66
Maximum Abbreviated Injury Scale (MAIS) 280
McKesson 23
media 122–32
Meliá (hotel chain) 127
Melnick, R. 121, 122
Merrill Lynch 32, 66
Metrovacesa 130
Mexico 272–3
MI6 (Secret Intelligence Service) 125
MIB index 126, 128, 130
Michel-Kerjan, Erwann O. 3, 63
Middle East peace process 20
MIGA (Multilateral Investment Guarantee Agency) 143–4
migration see illegal immigration, and border closure; immigration; legal immigration, and border closure
military action 177
Mississippi Power 35
Mitchell, Michael 137
mitigation of risk 51–4, 57–62, 65–9
Mitsubishi 13
modeling terrorism approaches 278–9
see also NIEMO (National Interstate Economic Model); REMI (Regional Economic Models Inc.) Policy Insight Model
Mongolia 198
Moore, James E., II (Gordon et al.) 7
morbidity 280–81
Morocco 14
mortality 280–81
Moss, D. 84
Mossad (Institute for Intelligence and Special Operations) 125
pandemics 7–8, 12, 38, 44–5, 201–2
Paris 93
Park, Jiyoung (Gordon et al.) 7
Park Chung Hee 189
Passel, J.S. 242, 269
Payne, J. 48
pharmaceutical industry 27
Philippines 14
Philips Electronics 18, 23
Poland 13, 20
police 16, 109
political instability risk 140–46, 194, 197
Pool Reinsurance (Pool Re) 97–9, 101, 102, 106, 110
population 231, 232, 233, 235, 243
see also crowded public places
Portugal 20
postal security 62–4
PostEurop 64
prevention 30
Price-Anderson Act 80–81, 83
prices
and investment 251
migration effects 243
PricewaterhouseCoopers (PwC) 69
process design 37
process safety management (PSM) 25–6
Procter & Gamble 32
production costs 232, 233, 243, 251, 259–66, 269–70
production rescheduling 253
Project Argus (UK) 108
Project Griffin (UK) 108
Proliferation Security Initiative (PSI) 20–21
protection, assessment of need for 46–51
Provisional Irish Republican Army (PIRA) 4–5, 93, 94, 98
public places 106–7, 109
quality of life 281, 282–3
radiological weapons see nuclear, biological, chemical and radiological (NBCR) attacks
RAND Corporation 85, 207
ransom 144
Read, P. 103
recovery 30
see also resilience
Redfearn, C. 149
redlining, of insurance cover 96
redundant capacity 36
Régie Autonome des Transports Parisiens (RATP) 28
regionalism 198
regionalization 198
regulation 62, 271–2
see also terrorism security regulations
REMI (Regional Economic Models Inc.) Policy Insight Model
duration of border closure 249–50, 253–4
economic impact of border closure 228–9, 244–55
exports, and border closure 228, 237–9, 244, 245–6, 248, 250–51, 253
immigration, and border closure 234, 241–4, 245–6, 248, 269–70
imports, and border closure 235–7, 244, 245–6, 248, 250–51, 253, 259–66
international travel, and border closure 239–41, 245–6, 248, 253, 267–8
investment 250–52
methodology 8, 230–35, 255
simultaneous shutdown of all activities 247–8
Republic of Korea (ROK)
and Democratic People’s Republic of Korea (DPRK) 187, 192, 193, 194, 199
economy 189, 190
Kaesong Industrial Complex (KIC) 194–7, 199
reunification with Democratic People’s Republic of Korea (DPRK) 7, 189, 193, 194
Tumen River Project 197–8
resilience 2–3, 101–6, 108–11, 244, 252–4
see also business continuity
terrorism
adaptation of methods 278
as business 2
business collaboration with 5, 136–40
cost-benefit analysis of security measures 8–9, 273–85
deaths resulting from 78
Democratic People's Republic of Korea (DPRK) 187–8
effect on trade 6–7, 169–72, 182–4
empirical analysis of trade effects 172–82
and financial markets 74, 120–22
global 10, 14–22, 170–71
and global business 1–2, 191–4, 198–9
global interdependencies 55–7
and globalization 2–3
and insurance 74–5, 96–9
as intentional disruption 28
meaning of 14, 170
nuclear, biological, chemical and radiological (NBCR) risks 75–80
and stock markets 120–22, 184
targets 19
Terrorism Early Warning (TEW) unit, Los Angeles 17, 21
Terrorism Risk Insurance Act (TRIA) 74, 75, 82, 86, 88
Terrorism Risk Insurance Extension Act (TRIEA) 74, 82, 83
Terrorism Risk Insurance Program Reauthorization Act (TRIPRA) 74–6, 81–4, 88
terrorism security regulations
benefit assessment 62, 271–2
benefit estimation 277–85
break-even analysis 273–7, 284–5
catastrophic events 284–5
Western Hemisphere Travel Initiative in the Land Environment (WHTI-L) 272–7
testing emergency responses 104–5
Texas 205, 207
Thailand 38
threats, and business continuity 27–8
Tierney, K. 253
time horizons 47–8, 51–4
tipping point, of loss mitigation 61–2
Tokyo subway gas attack (1995) 79, 93, 111
tornadoes 24–5
tourism
effects of border closure 239–41, 248, 255, 267–8
9/11 terrorist attack effects 148, 163–4, 165–6
see also international travel, and border closure
Toyota 13, 18, 40
trade
Democratic People's Republic of Korea (DPRK) 196–7, 199
effect of terrorism on 6–7, 169–72, 182–4
empirical analysis of terrorism effects 172–82
extent of 183–4
liberalization 11–12
losses from border closure 204, 205, 207, 220–21, 229
see also exports, and border closure; imports
trade associations 62
transnational corporations (TNCs)
Chiquita Brands International (CBI) case 136–40
effects on host country 144–6
political instability risk 140–44
see also business
transnational terrorism 10, 14–22, 170–71
tavel see air travel; international travel, and border closure; tourism
Tropical Storm Agnes (1972) 50
tsunamis 38
TUI 126
Tumen River Project 7, 197–8, 199
Tversky, A. 78
typhoons 44
uncertainty 3–4, 250–52
uninsurable risks 76–80
Union Carbide 80
Unión Fenosa 130
Global business and the terrorist threat

United Kingdom (UK)
- CONTEST strategy 105–6
- crowded public places 106–7
- as economic target 4–5, 92–3, 106–7
- emergency response testing 104
- global business 14
- influenza vaccine 27
- mutual support 20–21
- nuclear, biological, chemical and radiological (NBCR) risks 87
- postal security 63
- regional threats 108
- stock market effects of Madrid train bombings 126, 128, 130

United Nations (UN) 16, 19–21, 197

United States (US)
- air travel, and border closure 6, 202–4, 207, 210–19, 229, 267–8
- anthrax crisis 62–3
- and China 250
- Chiquita Brands International (CBI) case 137–8
- and Democratic People’s Republic of Korea (DPRK) 192, 194, 196–7
- disaster assistance 49–51
- economic impact of border closure 7–8, 201–2, 206–8, 228–9, 244–55
- emergency response testing 104
- exports, and border closure 228, 237–9, 244, 245–6, 248, 250–51, 253
- global business 14
- global terrorism 15, 169, 187–8, 198
- imports 2, 28
- imports, and border closure 228, 235–7, 244, 245–6, 248, 250–51, 253, 259–66
- individuals’ risk estimations 47
- influenza vaccine 27
- international travel, and border closure 228, 239–41, 245–6, 248, 253, 267–8
- legal immigration, and border closure 204, 205, 207, 222–3, 229, 241–4, 245–6, 248
- mutual support 10, 16, 17, 20–21
- nuclear, biological, chemical and radiological (NBCR) risks 4, 74–6, 77, 81–7, 88
- oil price shocks 230
- shopping, and border closure 206, 207, 214, 226–7
- simultaneous shutdown of all activities 201–2, 247–8
- stock market effects of terrorism 126, 128, 130, 184
- strikes 27–8
- trade, and border closure 204, 205, 207, 220–21, 229
- workers’ compensation 84–7

Universal Postal Union 63

US Coast Guard 40

US Customs and Border Protection (CBP) 272

US Postal Service 64

USIO model 202

value of a statistical life (VSL) 282

vehicle-borne improvised explosive devices (VBIEDs) 93, 94, 102, 107

victims, number of 122, 132

Viscusi, W.K. 281

wages
- and investment 251
- migration effects 243, 269–70

REMI model 232, 233, 234, 235

Wall, H.J. 173, 176

Wal-Mart 13, 31, 32, 35

Washington 77

weapons of mass destruction (WMD) 46

see also nuclear, biological, chemical and radiological (NBCR) attacks

weather early warning systems 38

Wei, Dan (Rose et al.) 8
Western Hemisphere Travel Initiative in the Land Environment (WHTI-L) 272–7, 279, 282, 283, 285
Wharton Risk Management and Decision Processes Center 3, 53, 66
willingness to pay 48, 281–2
Willis, Henry H. 8, 275, 276, 279
workers’ compensation 84–7
World Bank 20, 192
World Economic Forum (WEF) 3, 20, 55, 66, 69
World Health Organization (WHO) 38
World Social Forum 20
World Trade Centre terrorist attacks see 9/11 terrorist attacks
World Trade Organization (WTO) 12, 20, 28
World War I 12
World War II 12, 15, 253, 259
Yongbyon nuclear reprocessing plant 188
Zeckhauser, R. 56, 57