

Index

- 655 Report 106
- abductions 209, 210
- Abkhazia 191–2, 194–5, 207–10
- ABM *see* Air Bursting Munitions
- accountability 58
- acquisition approach 258–62, 264
- Aden 175
- administration 210, 294
- Afghanistan
 - Afghan National Army 109, 112
 - Afghan Northern Alliance 111
 - disarmament 288, 312
 - illicit craft 27, 32–3
 - stockpiles 57, 73–6
 - transfers 107, 112
 - Yemen 171
- Africa
 - availability effects 147
 - Central African Republic 283, 304
 - disarmament 307
 - eastern Africa 80, 83–6
 - Greater Great Lakes 307
 - Horn of Africa 80
 - misuse effects 147
 - stockpiles 80–6
 - transfers 101, 110, 117–19
 - west Africa 82–3, 118–19, 292
 - see also* South Africa; sub-Saharan Africa
- Air Bursting Munitions (ABM) 25
- air forces 197
- AK-47s
 - Africa 86
 - Bulgaria 109
 - Latin America 87
 - Republic of Congo 262, 267
 - Republic of Georgia 201
- Al Aqsa Martyrs Brigades 78
- al Qaeda 73–6, 111–12, 170
- al-Badr, Muhammed 170
- al-Sallal, Colonel Abdullah 170
- al-Shibah, Ramzi bin 170
- Albania 67
- Algeria 79
- Alliant Techsystems 17
- Alpimex SL 46
- Americas
 - Central America 88, 90, 101, 116, 292
 - Latin America 87–91, 109, 114–17, 138
 - regional norms 236
 - South America 11–12, 101, 114, 115
 - see also* United States
- ammunition
 - global volume 13
 - industry 15
 - militia holdings 268
 - Montenegro 47
 - Philippines 33–5
 - Poland 42
 - production 13–15, 20, 38, 42, 47
 - Russia 20, 111
 - Serbia 47
 - stockpiles 75–6
 - technology 23, 24–5
 - United States 16–17
 - Yemen 178
- Angola
 - disarmament 287, 293, 297, 301–2
 - elections 304–5
 - imports 262, 263
 - stockpiles 81
 - transfers 117, 118
- Annan, Kofi 58, 291
- annual production volumes 20
- annual update, industry 11–20
- ant trade* 108
- anti-tank rockets 72
- apartheid 30–1, 239
- Arab government controls 79
- Arab Gulf 175
- Arafat, Yassir 78
- Arcus 44
- Argentina 117
- armas hechizas* 28
- armed forces 17
- armed gang membership 146
- Armenia 47–8, 109
- Armimex 44
- Arms and Ammunition Act* 240–1
- Arsenal 44
- Arsenalul Armatei 45
- artillery rockets 104
- ASAC *see* Assistance On Curbing Small Arms and Light Weapons in Cambodia
- Asia 11–12, 101–2, 111–13
- assassinations 63
- assault rifles
 - Congolese holdings 267–8
 - Republic of Georgia 196, 200–1
 - technology 24
 - Yemen 172
- assessing disarmament objectives 288
- Assistance On Curbing Small Arms and Light Weapons in Cambodia (ASAC) 310
- Aubeville militias 260
- Australia 88
- Austria 103–4
- authority breakdown 146
- automatic rifles 77, 83, 113, 175
- Automatic systems Scientific Research Institute 48
- availability
 - human development effects 125–59
 - Republic of Congo 258–69
 - Republic of Georgia 196–205, 207–10
 - South Africa 31
- Bamako declaration 238, 242, 245
- banditry 142
- Baranja 300
- bargaining chips 281–9
- Basic Principles on the Use of Force by Law Enforcement Officials* 224
- Battle of Guadalcanal 302
- behaviour regularities 220–1
- Belarus 48, 98
- Belfast Agreement 72
- Belgium 97, 104, 113
- Belgrade 119
- Bicesse Accords 305
- black market 204
- Black Sea Arms Project 32
- blood money 183–5
- border wars 170
- Bosnia
 - Dayton Peace Accords 286
 - disarmament 283, 292, 297, 298
 - production 43
- Botswana 239, 241
- Bouenza 267–8
- Bougainville
 - disarmament 282, 288, 293, 302–3
 - illicit craft 35
- Brahimi Report 296, 311
- Brazil 29, 87, 114, 234
- Brazzaville 259, 267
- breech-loaders 173
- Britain 173–4, *see also* United Kingdom
- brokering 231
- Bujanovac 297
- Bulgaria 43–4, 108–9, 112, 261
- Bush, George W. 60, 97, 182
- Cambodia 138, 292, 299, 310
- Cameroon 140
- Canada 101, 106, 107–8
- car-jacking 149
- CASA *see* Co-ordinating Action on Small Arms
- cascading norms 222
- Caton, Steven 182
- cattle production 143
- CDF *see* Civil Defence Force
- CDS *see* Comité de suivi
- CEE *see* central and eastern Europe
- Central African Republic 283, 304
- Central America
 - disarmament 292
 - stockpiles 88, 90
 - transfers 101, 116
- Central Asia 111–13

- central and eastern Europe (CEE)
 gun ownership 69
 production 10, 36–49
 transfers 97, 108
- Ceska Zbrojovka 40
- Chapter VI mandate 299
- Chechnya 205
- children 146–7
- Chile 28–9
- China
 Congolese imports 261, 263
 stockpiles 86
 trade 100–1
 transfers 175
- CIS *see* Commonwealth of Independent States
- Civil Defence Force (CDF) 81, 308
- civil law, Yemen 170
- civil society, norms 231
- civil unrest 27
- civil wars
 disarmament 277, 297, 304
 Nepal 113
 Republic of Georgia 191, 195–6
 Yemen 170
- civil–military relations (CMR) 153
- civilian firearms
 Central America 90
 east Africa 84
 Europe 64–6, 69
 France 69–70
 Germany 69–70
 norms 231, 239–42
 stockpiles 77, 78, 83–6
 transfers 102–3
 United States 104
 west Africa 82–3
- civilians
 casualties 208–9
 disarmament 305–9
 markets 21, 29
- clinics 132, 141
- CMR *see* civil–military relations
- Co-ordinating Action on Small Arms (CASA) 152
- co-ordination processes 306–8
- Cobras 256–8, 260–2, 264–5, 267
- Cocoyes 256–8, 260–1, 264–5, 267–8
- Code of Conduct for Law Enforcement Officials* 223
- codes of conduct 113, 169, 223, 236–7
- coercive disarmament 298–300
- COI *see* cost of illness
- Cold War 36, 193, 290–2
- collection programmes
 humanitarian impacts 155
 norms 231
 overview 279–81
 Pacific Islands 303
 peace process disarmament 277–316
 Republic of Congo 269–70
 Republic of Georgia 191–2, 203–5
 stockpiles 60–1
- Colombe operations 257
- Colombia
 armed crime 139
 investment 144
 Irish Republican Army 285
 stockpiles 87
 transfers 116
- colonial administrations 173–4
- Colts Manufacturing 113
- combat equipment 73–4
- Comité de suivi (CDS) 255, 269
- commerce 142–3, 144
- commodity values 272
- Commonwealth of Independent States (CIS)
 11–12, 202–3
- communal conflicts 57, 63, 298
- communal institutions 312
- communal intra-state conflicts 298
- communicative roles 179
- Communist Party 195–6
- Communist youth organizations 197
- community development 147
- community life/customs 169, 170, 178–86
- compensation processes 183–5, 303
- COMTRADE *see* Customs Database and Commercial Trade
- conflicts
 developing countries 126–8
 European stockpiles 63
 illicit craft production 27, 35–6
 independence 191–6
 ownership growth 57
 prevention 150–1
 Republic of Georgia 205–191–6
 resolution 147, 183–5, 311–12
- Congo 82, 255–73
- Congo River 270–1
- consensual disarmament 298–300
- consolidation 9–10, 15
- Container Security Initiative 107
- contingent valuation (CV) surveys 133
- controls 79–80
 arms flows 310–11
 export 86
 government 30, 31–2, 35, 79
 social 169–70, 183–5
 Yemen 169–70, 183–7
- Convention against Transnational Organized Crime 223
- convoys 142
- corporate accountability 58
- cost of illness (COI) method 132, 133
- councils 185
- country-to-country transactions 101
- craft weapons 9–10, 26–36, 59–60
- crime
 armed gang membership 146
 armed robberies 209
 availability effects 131, 136–40
 European gun ownership 67
 European stockpiles 63
 European unregistered guns 71–2
 global norms 229–30
 illicit craft production 29, 31, 35
 imitation guns 59
 Interpol statistics 158
 Latin America 87, 116–17
 misuse effects 131, 136–40
 organized 210, 223
 ownership growth 57
 Republic of Georgia 202, 206–7
 violent 136–40, 179–80, 187, 209
 Yemen 179–80, 187
- criminal law, Yemen 170
- Croatia 44–5
- cross-border trade 97, 270–2
- Cruz, Jose Miguel 88
- Cujir 46
- culture 16, 66–9
 European gun ownership 69
 illicit craft production 27, 32–3
 Yemen 187
- customary laws/rules 147, 184, 217–18
- customs
 container freight 107
 declarations 98–9
 transit trade 104
 Yemen 183
- Customs Database and Commercial Trade (COMTRADE) 98–100, 103–4, 118, 176–7
- CV *see* contingent valuation
- Cyprus 104–5
- Czech Republic 39–41, 108–9, 112, 177
- Danao City 9, 34
- DAOSAAF *see* Voluntary Society of Supporters for the Air Force And Navy
- Darra 9, 32–3
- data reliability 288, *see also* statistics
- Dayton Peace Accords 286
- DDR *see* disarmament, demobilization, and reintegration
- deception 301
- DECOSAC *see* Development Co-operation and Small Arms Control
- defence industry
 concentration 15
 consolidation 15
 Croatia 44–5
 Czech Republic 39–41
 destruction programmes 243–4
 Montenegro 46–7
 Poland 42
 production 37–49
 Serbia 46–7
 Slovenia 42–3, 46
- Defence Ministries 269
- defence spending 144–5
- Defense civile 256
- demand factors 169, 177–86, 313
- demobilization 231, 278–316
- Demobilizing Armed Civilians* 305–6
- Democratic Republic of Congo (DRC, formerly Zaire) 255
 cross-border trade 270–1
 disarmament 284, 298
 imports 263
- Department for International Development (DFID) 154–5
- Department for Peacekeeping Operations (DPKO) 292
- destruction programmes 60–2, 231, 243–7
- deterrence factors 179, 300–1
- Deuba, Sher Bahadur 97
- developing countries 126–8
- development
 agencies 148–9
 availability effects 125–59
 communities 148–9, 150–6
 global norms 228
 historical record 127
 interventions 131, 148–9
 misuse effects 125–59
 technology 9–10, 20–3

- see also* United Nations
- Development Co-operation and Small Arms Control (DECOSAC) 155
- DFID *see* Department for International Development
- diffusion, norms 221–2
- direct effects
 - Republic of Georgia 207–8
 - social 129, 130, 131, 132–5
- disarmament
 - African stockpiles 81
 - civilians 305–9
 - coercive 298–300
 - demobilization, and reintegration (DDR) 278–316
 - deterrents 300–1
 - human development links 128, 151–6
 - Irish Republican Army 72
 - norms 231, 243–7
 - peace processes 277–316
 - reintegration 278–316
 - Republic of Georgia 203–5
 - sustainable 309–13
 - World Bank 152
 - Yemen 186
- displacement 136, 209–10
- distribution
 - militia holdings 266–9
 - stockpiles 80–1
 - Yemen 178
- diverse European gun cultures 66–9
- DMD Holding Group 42
- documentation, trade 100–1
- documented exports values 97, 100, 101
- Dolisie 259
- domestic
 - demand 41
 - production 17, 19–20
 - violence 146
 - weapons 74
- donor governments 154
- DPKO *see* UN Department for Peacekeeping Operations
- DRC *see* Democratic Republic of Congo
- drug trafficking 147
- Dunarit-Ruse 44

- Eagle Force 35
- East Timor 292
- eastern Africa 80, 83–6
- eastern Europe 39, *see also* central and eastern Europe
- Eastern Slavonia 300
- economic activity 142–3
- Economic Community of West African States (ECOWAS) 292
- economy
 - availability effects 128–31, 133, 135, 140–5
 - disarmament 300–1, 309, 294
 - gun violence 130
 - illicit craft production 27, 29–30, 33, 35
 - misuse effects 128–31, 133, 135, 140–5
 - peace process disarmament 294, 300–1
 - Republic of Georgia 206–7
 - stockpiles 58, 78, 87
 - Yemen 171–2, 178
- ECOWAS *see* Economic Community of West African States
- education 128, 140–1

- Egypt 79, 235
- El Salvador 282
- elections 195–6, 304
- electric firing 24
- embargoes 224–5, 232, 309
- emergence, norms 221–2
- employment
 - availability effects 137, 138, 147
 - Croatia 45
 - Hungary 41
 - misuse effects 137, 138, 147
 - Montenegro 46
 - Romania 45
 - Russia 20
 - Serbia 46
 - Sierra Leone 308
 - United States 17
 - Yemen 172
- enforcement, disarmament 309
- entrepreneurs 32–3, 221–2
- Erfurt 57, 63, 69–70
- Erskine, Lt. Gen. Emmanuel 82
- Estonia 48
- EU *see* European Union
- Europe
 - civilian firearms 64–6
 - Congolese imports 263
 - gun culture 66–9
 - gun ownership 57, 69, 70–2
 - imports 174
 - industry 11–12
 - regional norms 236–7
 - stockpiles 62–72
 - unregistered guns 70–2
 - Yemen 173, 174
 - see also* central and eastern Europe
- European Union (EU)
 - civilian firearms 64–6
 - Code of Conduct 113
 - disarmament 292, 310
 - exports 103–5
 - imports 103–5
 - intra-regional trade 101
 - Latin America 114
 - regional norms 236–7
 - transfers 101, 103–5, 114
- evaluating development projects 149
- ex-combatants 266, 272, 310
- explosives 78, 203–4
- exports
 - central and eastern Europe 38–9
 - civilian firearms 102–3
 - controls 86
 - European Union 103–5
 - global norms 231
 - Hungary 41
 - international trade 98–120
 - licences 106, 110, 116
 - regional norms 236–7
 - Romania 45
 - Russia 20, 110–11
 - South America 114
 - sub-Saharan Africa 117–19
 - Ukraine 48
 - United States 106–8
- external elements, norms 220
- external procurement 200
- extortion 210

- Fabryka Broni 42
- FAC *see* Forces armées du Congo
- factories 9–49
- fake guns 59
- FAMAE 29
- family bonds 169
- FARC *see* Fuerzas Armadas Revolucionarias de Colombia
- farmers 142
- fatal injuries 131, 132, 133–5, 208–9
- FDI *see* foreign direct investment
- Fegarmy (FEG) 41
- field workers 148–9
- finance 113, 144–5
- Fine Mechanics Plant State Enterprise 49
- Firearms Act 30–1
- First Committee 219, 226–30
- FN Herstal 113
- food 136, 142–3
- Forces armées du Congo (FAC) 256
- foreign direct investment (FDI) 144, 145
- Former Republic of Yugoslavia (FRY) 67
- former Socialist Federal Republic of Yugoslavia (SFRY) 111
- Former Soviet Republics (FSRs) 47–9
- Former Yugoslav Republic of Macedonia (Macedonia/FRY) 67, 289, 290
- Fort *see* State Specialized Scientific Association
- fragmentation processes 10
- Framework Convention on International Arms Transfer* 225
- France 69–70, 98
- free elections 195–6
- Frente Patriótico Manuel Rodríguez* 28
- FRY *see* Former Republic of Yugoslavia
- FSRs *see* Former Soviet Republics
- Fuerzas Armadas Revolucionarias de Colombia (FARC) 87, 285
- funding disarmament 304, 306–8

- Gabon 262, 263
- Gali 209–10
- Galil rifles 77, 267
- Gamsakhurdia, Zviad 195–6, 200
- Garissa 312
- Gaza 77
- GCP *see* Georgian Communist Party
- gender relations 147–8
- Georgia 48, 107, 191–211
- Georgian Communist Party (GCP) 192
- Germany 15, 69–70, 97–8, 118
- Ghana 29–30, 82, 117, 118
- Giola Tauro 107
- glasnost* 192
- global...
 - distribution 11–12
 - industry 9, 10
 - markets 12, 101
 - norms 223–36
 - production 13–15
 - trade 12, 101
 - volume 13
- Global Gun Destruction Day, 9 July 60
- Glock pistols 103–4
- Good Friday Agreement 285
- Gorbachev, President Mikhail 192
- governance, disarmament 312

- governments
 controls 30, 31–2, 35, 79
 domestic defence industry 37–8
 holdings 259–61
 organizations 154–6
 Yemen 182
- GPMGs 268
- Grant, Ulysses S. 277
- Greater Great Lakes Region, Africa 307
- Greece 71, 104
- grenade launchers
 manufacturing companies 14–15
 militia holdings 268
 technology 23, 25
 weapons collection 203–4
- grenades 203–4, 268
- group insecurity 301
- Guadalcanal 302
- Guatemala 114–16
- guerrilla warfare 87
- Gujarat massacre 59–60
- Gulf of Aden 175
- Hadash, Salah 184
- Haiti 283
- HALO Trust 210
- Hamas 78
- handguns 17, 67, 83, 111
- harquebuses 172–3
- H.Cegjelski-Poznan 42
- health 128, 132, 135, 140–1
- heavy armaments 71
- Heckler & Koch 112
- Hekmatyar, Gulbuddin 79
- Herzegovina 43, 283, 292
- Hezbollah 79
- High-Precision Weapons Corporation 19
- hijackings 209
- historical overviews 27, 127
- HMGs 268
- holdings 177, 258–69
- homemade explosives 78
- homemade firearms 28, 30–1, 83
- homicide 126, 138, 157
- Horn of Africa 80
- hospitals 132
- HS Product 45
- human rights 150, 311–12
- human security 228, 230
- humanitarian action 210
- humanitarian impacts 125–59, 206–7, 228, 230
- humanitarian law 311–12
- Hungary 41–2
- hunting weapons 77, 110–11
- IBDB *see* Instrument Building Design Bureau
- ICRC *see* International Committee of the Red Cross
- ICVS *see* International Crime Victimization Survey
- identification
 imports 99–100
 manufacturers 14–15
 norms 216–23
- identity issues 179, 185, 298
- IDPs *see* internally displaced people
- IFOR *see* Implementation Force
- IICD *see* Independent International Commission on Decommissioning
- illegal transfers 108
- illicit activity criminalization 231
- illicit craft production 9, 10, 26–36
 Brazil 29
 Chile 28–9
 Ghana 29–30
 Pacific Islands 35–6
 Pakistan 32–3
 Philippines 33–5
 South Africa 30–1
 Turkey 31–2
- illicit military-style weapons 81
- imitation guns 59
- Implementation Force (IFOR) 299, 300
- important manufacturing companies 14–15
- imports
 Afghanistan 112
 Cyprus 105
 European Union 103–5
 international trade 98–120
 non-EU European countries 111
 Republic of Congo 261–2, 270–2
 South America 115
 South Asia 111
 United States 105–6
 value 99–100
 Yemen 172–7
- independence conflicts 191–6
- Independent International Commission on Decommissioning (IICD) 285
- India 59–60, 108, 112
- indirect effects 209–10
- indirect social effects 130, 131, 136–50
- individual insecurity 301
- industry 9, 11–20, 36, *see also* defence industry
- inequalities 140–1
- infant mortality 172
- information exchange 231
- infrastructure reconstruction 210
- inheritance issues 178
- innovation 20–3
- instability 87–91
- Institute of Community and Public Health 132
- Instrument Building Design Bureau (IBDB) 110
- insurance premium costs 148
- insurgencies 82–3
- integration 308
- inter-personal violence 180
- intercepting container freight 107
- Interior Ministries 269
- internal armed conflicts 127
- internal elements, norms 220
- internalization, norms 222
- internally displaced people (IDPs) 209–10
- international...
 assistance 230
 community 304
 governmental organizations 150
 humanitarian law 311–12
 law 216–18, 224–5, 311–12
 mediators 287
 non-governmental organizations 155–6
 organizations 150, 155–6, 219
 policy reforms 62
 politics 220–2
 security 76
 security community 150
 small arms process 59–62
 trade 97, 98–120, 271–2
- International Committee of the Red Cross (ICRC) 210
- International Crime Victimization Survey (ICVS) 147
- International Organization for Migration (IOM) 255, 264, 266, 269, 271–2
- Interpol 158, 180, 237
- intervention agencies 131, 148–9
- intifada 77–8
- intimidation 209
- intra-European smuggling 71–2
- intra-European trade 103
- intra-regional trade 101
- intra-state conflicts 298
- inventories 84–5, 197–8
- investments 129, 130, 131, 144–5
- IOM *see* International Organization for Migration
- IRA *see* Irish Republican Army
- Iran 43
- Iraq 43, 79–80
- Irish Republican Army (IRA) 72, 284–5
- Isatabu Freedom Movement 35
- Islamic Jihad 78
- Islamist extremism 79
- Islamist militants 33
- Israel
 imports 261, 263
 stockpiles 77–8
 transfers 112, 116, 261, 263
- Italy 68, 71, 107, 118
- Ivory Coast 118
- Jewish settlements 77
- Jordan 79
- justice 311–12, *see also* law
- Kabul 79
- Kalashnikov rifles
 Bulgarian transfers 108, 112
 Congolese holdings 268
 Republic of Georgia 200–1
 Romanian transfers 110
- Kampala City 134
- Karzai, President Hamid 312
- Kashmiri separatists 33
- Kaunas Experimental Enterprise 48
- KB-S 49
- Kekelidze, Nikusha 200
- Kemijska Industrija Kamnik 46
- Kenya 83–6, 117, 118, 312
- Khmer Rouge 299
- kidnapping 149, 184
- killings, tribal 181–5
- Kintex 44
- KMBDB *see* Kolonna Machine-Building Design Bureau
- Kolélas, Bernard 256–8, 260–1, 264–5, 268–9
- Kolonna Machine-Building Design Bureau (KMBDB) 110
- Komsomol 197
- Kosovo 284
- Kosovo Liberation Army 297
- Kurds 79–80
- Lacor hospital 134
- Latin America 87–91, 109, 114–17, 138
- law
 enforcement agencies 232
 global norms 223–6

- order spending 144–5
- Yemen 183
- Lebanon 79
- Lee, Robert E. 277
- legal frameworks, disarmament 309
- legal perspective, norms 223–6
- legislation 30–1, 232
- Lekoumou 267–8
- Lesotho 239, 240–1, 244
- LFL *see* Light Fighter Lethality
- liability suits 18
- Liberation Army of Presevo 297
- Liberia
 - disarmament 282–3, 292, 297, 307
 - elections 304
 - transfers 118–19
- licences 106, 110, 116, 295–6
- life cycles, norms 221–2
- Light Fighter Lethality (LFL) projectiles 25
- light weapons, definition 10, 59
- Lissouba, Pascal 256–8, 260–1, 264–5, 267–8
- Lithuania 48, 234
- livestock values 143
- local community non-governmental organizations 155–6
- logistics 149
- Lokichokkio 141
- looting 259–61
- Lords Resistance Party 86
- loyalist paramilitaries 285
- Luanda Agreement 81
- Lugansk Machine Tool Plant 49

- M16 rifles 97, 107, 113
- Macedonia/Former Republic of Yugoslavia (FRY) 67, 289, 290
- machine guns
 - Nepal 113
 - Ninja holdings 268
 - production 14–15
 - Republic of Georgia 196, 203–4
 - technology 22–3, 24
- Machinery and Chemical Industry Establishment 31–2
- mafias 202
- major producers 16
- Makarov pistols 201
- Makina ve Kimya Endustrisi Kurumu (MKEK) 31–2
- Malaita 35, 302
- Malawi 153
- Malaysia 235
- man-portable anti-aircraft missiles (MANPADS) 59
- man-portable surface-to-air missiles 76
- mandates 295–6, 299
- Mandaue City 34
- MANPADS *see* man-portable anti-aircraft missiles
- manufacturers 9–52
- Maoist guerrillas 107, 113
- MAPU *Lautaro* 28
- marketing norms 231
- markets
 - global trade 12, 101
 - illicit craft 26, 35
 - non-lethal weapons 25
 - Republic of Congo 270–2
 - saturation 86, 177
- mass destruction weapons 273
- massacres 59–60
- Médecins sans frontières (MSF) 210
- Medvedija 297
- Me'ekamui Army 282, 303
- Mendoza 153
- Metal Storm 21, 24
- Mexico 87, 101, 108
- MFS 2000 Magyar Loszergyarto 41–2
- MIA *see* Ministry of Internal Affairs
- micro-disarmament 292
- Middle East 79–80, 101–2
- militarization, politics 205
- military
 - leaders 287
 - market innovation 21
- military weapons
 - African stockpiles 81
 - east Africa 84
 - export licences 106
 - reliability 21
 - side arms 14–15
 - trade decline 102
 - United States 106, 107
- militias 256, 258–69
- Millennium Summit 150
- mines 203–4
- Minimi M-249s 113
- Ministry of Internal Affairs (MIA) 203–4
- missile launchers 203–4
- missiles 59, 76, 203–4
- misuse effects on human development 125–59
- MKEK *see* Makina ve Kimya Endustrisi Kurumu
- Mkhedroni forces 193–4
- MLRS artillery rockets 104
- modular assault rifles 24
- Moldova 109–10, 284
- monitoring 149, 290, 292–3, 303
- Montaz i Mechanika 44
- Montenegro 46–7
- moratoriums 309
- mortality 172
- mortars 268
- Moscow Accords 207
- Moscow coup 198
- 'Mouflon' 243
- Mozambique 80, 244, 304, 305
- MSF *see* Médecins sans frontières
- mujahideen forces 32–3
- multilateral organizations 151–4
- multinational companies 142–3
- multinational corporations 150
- munitions stockpiles 75–6
- murder 63, 149, 181–5
- muskets 172

- Namibia 239, 241, 292
- Nasser, Gamal Abdul 175
- national commissions 293
- National Committee for Disarmament, Demobilisation and Reintegration (NCDDR) 307
- National Guard 193–4, 195, 196, 197
- National Liberation Army (NLA) 67, 289
- national transfer reports 98–100
- NATO *see* North Atlantic Treaty Organization
- natural resources 172, 301
- navies 197
- NCDDR *see* National Committee for Disarmament, Demobilisation and Reintegration
- negotiation 182–3, 277–316
- Nepal 97, 107, 113
- Netherlands 104–5
- Neutron Research and Production 48
- New Caledonia 88
- New Zealand 88
- Niari 267–8
- Nicaragua 87, 116, 282
- niche markets 20–3
- niche opportunities 10
- Nigeria 82, 83, 139
- Nike-Fiocchi 42
- Ninjas 256–8, 260–1, 264–5, 268–9
- Niti Kazanlak 44
- NLA *see* National Liberation Army
- non-EU European countries 108–11
- non-fatal injuries 131, 132, 133–5
- non-governmental organizations 155–6
- non-lethal weapons 25
- Nordic ammunition industry 15
- norms 183, 215–48
- North Atlantic Treaty Organization (NATO)
 - disarmament 289, 292, 299
 - Republic of Georgia 193
 - Serbia and Montenegro 46
- North Ossetia 194
- North Yemen 170
- Northern Ireland 72, 284–6, 297
- Northern Israel 77
- Northwest Frontier Province 32
- Norway 108
- November 17 terrorist organization 72
- Ntoumi faction 257, 258, 269

- OAS *see* Organization of American States
- Objective Individual Combat Weapons (OICW) 23–4
- Observer Mission in Bougainville 302
- Observer Mission in Georgia 207, 210
- ODA *see* overseas development assistance
- Ohrid peace accord 289
- OICW *see* Objective Individual Combat Weapons
- Omani Popular Front for the Liberation of the Occupied Arab Gulf 175
- Operation Essential Harvest 289
- Operation Rachel 244
- opinio juris* 218
- Orbis 46
- Organization of American States (OAS)
 - Convention 236
- Organization for Security and Co-operation in Europe (OSCE) 98, 154, 236
- organized crime 210, 223
- OSCE *see* Organization for Security and Co-operation in Europe
- Ottawa process norms 221
- Ottomans 31–2, 172–4
- overseas development assistance (ODA) 144, 155
- ownership growth 57

- PA *see* Palestinian Authority
- Pacific Islands
 - Bougainville 35, 282, 288, 293, 302–3
 - disarmament 302–3
 - illicit craft production 35–6
 - industrial distribution 11–12
 - regional norms 236–7
 - Solomon Islands 35–6, 293, 302–3, 304

- Pakistan 9, 27, 32–3, 112
 Palestine 77–8, 132
 Palestinian Authority (PA) 78
 Panel on United Nations Peace Operations 296
 Panguna Mine 302
 Papua New Guinea (PNG) 36, 88, 288, 302
 paramilitary groups 205–6, 284–5
 Parti congolais du travail (PCT) 256–8, 260–2, 264–5, 267
 Pasteur Nioumi 257, 258, 269
 pastoralists 141, 143, 312
 Pastrana, President Andres 87
 PCT *see* Parti congolais du travail
 PDW *see* personal defence weapons
 peace
 - agreements 81
 - disarmament 277–316
 Peace Monitoring Group (PMG) 302
 People's Democratic Republic of Yemen 170
perestroika 192
 personal defence weapons (PDW) 22
 Philippines 9, 33–5, 107, 138
 physical infrastructures 142
 Pima 44
 piracy 142
 pistols
 - Republic of Georgia 203–4
 - stockpiles 77
 - technology 23
 - transfers 102–3, 109, 115
 PMG *see* Peace Monitoring Group
 PNG *see* Papua New Guinea
 poaching 272
 Pointe Noire 259
 Poland 42, 68, 98
 police
 - east Africa 84
 - Republic of Georgia 196
 - South Africa 237, 243
 - weapons 21
 Poliske Strojirny 41
 policy reforms 62
 politics
 - disarmament 287, 290–1, 294, 296–8
 - European gun ownership 63
 - global norms 226–30
 - illicit craft production 27
 - leaders 287
 - militarization 205
 - Nepali transfers 113
 - peace processes 287, 290–1, 294, 296–8
 Pool region 268–9
 population growth 172
 possession approach 258–9, 262–5
 postal guards 196
 Poste de sécurité publique (PSP) 260
 postponing disarmament 286–7
 poverty
 - alleviation 150
 - development agencies 148
 - global norms 230
 - homicide 138, 157
 pre-registration guns 70–1
 prices
 - assault rifles 200–1
 - global stockpile growth 62
 - Palestine 78
 - Republic of Congo 270–2
 - Republic of Georgia 204
 - Russian military stockpiles 199
 private security 139–40, 149
 production 9–52
 - ammunition 13–15, 20, 38, 42, 47
 - Armenia 47–8
 - Belarus 48
 - Bosnia 43
 - Croatia 44–5
 - Czech Republic 39–41
 - estimated value 100
 - Estonia 48
 - Europe 10, 36–49
 - factories 9–52
 - food 142–3
 - Former Soviet Republics 47–9
 - Georgia 48
 - Herzegovina 43
 - Hungary 41–2
 - illicit craft 26–36
 - Montenegro 46–7
 - Poland 42
 - Romania 45–6
 - Russian Federation 19–20
 - Serbia 46–7
 - Slovakia 42–3
 - Slovenia 46
 - south-eastern Europe 43–7
 - surveys 36–49
 - Ukraine 48–9
 - United States 16–18
 - workshops 9–52
 profiting from war 300–1
Programme of Action 215–48
 proliferation 205–10, 270–2
Promexport 110
 protection rackets 210
 protocols 216–17, 223, 225, 237–46
 Prvi Partizan 47
 PS Povzbroj 43
 PSP *see* Poste de sécurité publique
 public...
 - awareness 232
 - health 133
 - security 309, 312
 - services 140–1
 Qaybali code 169
 quality, illicit craft 33
 questionable transfers 116
 RadioPribor 49
 Real IRA 297
 reconciliation 311–12
 recruitment 263–4
 Red Army stockpiles 198
 Red Cross 210
 regional...
 - customary international law 218
 - norms 236–7
 - production survey 36–49
 - trade 199
 registration 70–2, 191
 regulations, European gun ownership 66–7
 reintegration 231, 278–316
 reliability, military weapons 21
 religion 312
 rental businesses 86
 repeating weapons 173
 replicas 26
 Republic of Congo (RoC) 82, 255–73
 Republic of Georgia 48, 107, 191–211
 Republic of Me'ekamui 282, 303
 research projects 300
 Réserve ministérielle 256
 resources 172, 301, 306–8
 retribution 183–5, 311–12
 revenue collection 131, 144–5
 Revolutionary Union Front 81
 Revolutionary United Front (RUF) 297, 307
 revolvers 102–3, 115, 203–4
 RH Allen 45
 rifled barrel 173
 rifles
 - automatic 77, 83, 113, 175
 - Congolese holdings 267–8
 - Galil 77, 267
 - M16 97, 107, 113
 - production 14–15
 - Republic of Georgia 203–4
 - SKS 107, 267–8
 - sporting 102–3
 - Tavor 112
 - technology 22, 23–4
 - United States 107
 - Yemen 173
 - see also* assault rifles; Kalashnikov rifles
 rivers, Congo 270–1
 roadblocks 142
 robberies 209
 RoC *see* Republic of Congo
 rocket-propelled systems 196
 Romania 39, 45–6, 110
 Romarm 45–6
Rosoboronexport 110
Rosvooruzhenie 110
 RPGs 268
 RPO-A 'Shmel' 262
 RUAG Ammotec 15
 RUF *see* Revolutionary United Front
 rules of engagement 296
 Rumsfeld, Donald 112
 rural areas
 - communities 136
 - European gun ownership 67
 - illicit craft production 30, 31
 Russia
 - Indian transfers 112
 - production 15, 20
 - Republic of Georgia 191, 198–9, 206
 - Russian Federation 9, 11, 19–20
 - Soviet Union 175, 192–5, 199
 - sub-Saharan African transfers 118
 - transfers 108, 110–11
 Rwanda 283
 SADC *see* Southern African Development Community
 Saleh, President Ali Abdullah 79, 170–1
 sanctuary seekers 135
 SANDF *see* South African National Defence Force
 Santiago, illicit craft production 28
 São Paulo 29
 SAPS *see* South African Police Service
 Sassou-Nguesso, Dennis 256–8, 260–2, 264–5, 267
 repeating weapons 173
 replicas 26
 Republic of Congo (RoC) 82, 255–73
 Republic of Georgia 48, 107, 191–211
 Republic of Me'ekamui 282, 303
 research projects 300
 Réserve ministérielle 256
 resources 172, 301, 306–8
 retribution 183–5, 311–12
 revenue collection 131, 144–5
 Revolutionary Union Front 81
 Revolutionary United Front (RUF) 297, 307
 revolvers 102–3, 115, 203–4
 RH Allen 45
 rifled barrel 173
 rifles
 - automatic 77, 83, 113, 175
 - Congolese holdings 267–8
 - Galil 77, 267
 - M16 97, 107, 113
 - production 14–15
 - Republic of Georgia 203–4
 - SKS 107, 267–8
 - sporting 102–3
 - Tavor 112
 - technology 22, 23–4
 - United States 107
 - Yemen 173
 - see also* assault rifles; Kalashnikov rifles
 rivers, Congo 270–1
 roadblocks 142
 robberies 209
 RoC *see* Republic of Congo
 rocket-propelled systems 196
 Romania 39, 45–6, 110
 Romarm 45–6
Rosoboronexport 110
Rosvooruzhenie 110
 RPGs 268
 RPO-A 'Shmel' 262
 RUAG Ammotec 15
 RUF *see* Revolutionary United Front
 rules of engagement 296
 Rumsfeld, Donald 112
 rural areas
 - communities 136
 - European gun ownership 67
 - illicit craft production 30, 31
 Russia
 - Indian transfers 112
 - production 15, 20
 - Republic of Georgia 191, 198–9, 206
 - Russian Federation 9, 11, 19–20
 - Soviet Union 175, 192–5, 199
 - sub-Saharan African transfers 118
 - transfers 108, 110–11
 Rwanda 283
 SADC *see* Southern African Development Community
 Saleh, President Ali Abdullah 79, 170–1
 sanctuary seekers 135
 SANDF *see* South African National Defence Force
 Santiago, illicit craft production 28
 São Paulo 29
 SAPS *see* South African Police Service
 Sassou-Nguesso, Dennis 256–8, 260–2, 264–5, 267

- Savimbi, Jonas 297, 304-5
- savings 131, 144-5
- scarcity
 - arms 78, 85-6, 196-8
 - food stuffs 136
- Schmidl, Erwin A. 292
- schools 128, 140-1
- Second World War 35, 46, 302
- Secretary General, United Nations 291
- sectarian politics 113
- sectarian violence 284
- security
 - Afghanistan 76
 - Arab government gun controls 79
 - development agencies 148-9
 - development community 148-9, 150-1
 - disarmament 294, 309, 312
 - forces 139-40
 - global norms 231
 - illicit craft production 28
 - incidents 208-9
 - Israel 77-8
 - sector reform 153, 186
 - stockpiles 76-8
- Security Council, United Nations 224
- sedentary communities 141, 143
- self-homing applications 25
- Sellier & Bellot 40
- sentimental values 178
- September 11, 2001 33, 57, 59-62, 73
- Serbia 46-7, 297
- sexual violence 147-8
- Sheikhs 183-5
- Shevardnadze, President Eduard 191, 202
- 'Shmel' 262
- shotguns 17, 102-3, 110
- side arms 14-15, 22, 23
- Sierra Leone
 - African stockpiles 81
 - disarmament 283-4, 290, 293, 297, 307-8
 - social capital 147
- Sinn Fein 284-5
- Sirmium 300
- Skoda Works 46
- SKS rifles 107, 267-8
- Slavonia 46, 300
- Slovakia 42-3, 108
- small arms, definition 10, 59
- Small Arms and Cartridges Corporation 19
- Small Arms Conference 223, 226-36
- Small Arms Reduction Plan 309
- small-bore repeaters 173
- smuggling
 - Africa 86
 - Albania 67
 - civilian disarmament 306
 - destruction programmes 245-6
 - European unregistered guns 71-2
 - Latin America 87, 116-17
 - Mexico 108
 - Palestine 78
 - South Africa 245-6
 - stockpiles 61-2, 87
 - United States 106
 - west Africa 118-19
- social...
 - activity 206-7
 - capital 131, 146-8
 - controls 169-70, 183-5
 - development 309
 - factors 27, 130, 294
 - inequalities 140-1
 - services 131, 140-1, 144-5
 - violence 126-8, 206
- Socialist Federal Republic of Yugoslavia (SFRY) 43
- soft law 219-20
- soldiers 81, 146-7, 304
- Solomon Islands 35-6, 293, 302-3, 304
- Somalia 153, 298-9
- South Africa
 - availability effects 138
 - civilian possession 239, 240
 - Congolese imports 261, 263
 - destruction programmes 243-4
 - exports 98
 - illicit craft production 27, 30-1
 - misuse effects 138
 - norms 216-17, 237-46
 - South African National Defence Force 243-4
 - South African Police Service 243
 - Southern African Development Community 216-17, 237-46
 - Southern African Regional Police Chiefs Cooperation Organization 237
 - stockpiles 83, 85
 - transfers 117, 118
 - 'truth commission' 311
 - South African National Defence Force (SANDF) 243-4
 - South African Police Service (SAPS) 243
 - South America 11-12, 101, 114, 115
 - South Asia 101-2, 111-13
 - South.eastern Europe 43-7
 - South Ossetia 191, 193-4
 - South Yemen 175
 - Southern African Development Community (SADC) 216-17, 237-46
 - Southern African Regional Police Chiefs Cooperation Organization 23
 - southern Pacific 35-6, 88-9
 - Soviet Union 175, 192-5, 199, *see also* Russia
 - Spain 68, 72, 98
 - specialization processes 9-10, 20-3
 - sporting weapons 83, 102-3, 109
 - Sri Lanka 112
 - SSR *see* security sector reform
 - stability 182-3, 229
 - state...
 - authorized trade 98
 - behaviour 220-1
 - collapse 291
 - control 181-3, 185-7
 - criminal law 170
 - interventions 181-3, 185-7
 - regulations 242
 - State Military Scientific and Technical Centre 48
 - State Scientific and Technical Centre of Artillery and Rifle Arms 49
 - State Specialized Scientific Association (Fort) 48-9
 - statistics
 - crime in Yemen 180
 - Interpol 158
 - unreliability 130-1, 137, 288
 - Statute of the International Court of Justice* 217-18
 - Steinhäuser, Robert 57
 - Sto Ravne 46
 - stockpiles 57-91
 - Afghanistan 73-6
 - Africa 80-6
 - al Qaeda 73-6
 - central America 87-8, 90
 - China 86
 - Europe 62-72
 - global norms 231
 - Israel 77-8
 - Latin America 87-91, 116
 - Middle East 77-80
 - Palestine 77-8
 - peace process disarmament 288, 289
 - Republic of Georgia 191-2, 198-9
 - southern Pacific 88-9
 - transparency 90
 - Yemen 172-7
 - storage 266-7
 - Strike Hard campaigns 86
 - sub-machine guns 14-15, 22, 24, 71
 - sub-Saharan Africa
 - industry 11-12
 - stockpiles 57, 80-1, 83, 85
 - transfers 117-19
 - subregional co-operation 245-6
 - Sudan 81, 138
 - Suez Canal 175
 - suicide bombings 77-8, 170
 - sumpaks* 34-5
 - Supplement to an Agenda for Peace* 227
 - support equipment 73-4
 - surplus military weaponry 172-7
 - sustainable development 127, 128
 - sustainable disarmament 309-13
 - Sweden 70, 98
 - Switzerland 15, 108, 111
 - tailored production 9
 - Tajikistan 283
 - Taliban 73-6, 111-12, 170
 - Tamil Tigers 112
 - Tanzania 83-6
 - Tasko Corporation 49
 - Tavor rifles 112
 - Taylor, Charles 297
 - Technicni Zavod 46
 - technology
 - developments 9-10, 20-3
 - reliability 211
 - Technopol 43
 - Temex shipments 119
 - terror weapons, definitions 59-60
 - terrorism
 - Europe 72
 - human development 150, 151
 - Moldovan exports 109-10
 - ownership growth 57
 - security 150, 151
 - September 11, 2001 33, 57, 59-62, 73
 - Yemen 170-1
 - tipping points 222
 - Townsville Peace Agreement (TPA) 302
 - TPA *see* Townsville Peace Agreement
 - tracing 231
 - trade
 - ant trade* 108
 - availability effects 142-3

- cross-border 97, 270-2
documentation 100-1
international 97, 98-120, 271-2
misuse effects 142-3
Republic of Congo 270-2
transit 104-5
- trafficking
Brahimi Report 311
drugs 147
Latin America 116
Philippines 34
South Africa 238
- training camps 73
Transcaucasian Military District 193
- transfers 97-120
Africa 117-19
Canada 101, 107-8
Central Asia 111-13
civilian firearms 102-3
European Union 101, 103-5, 114
global norms 224-5, 233
Latin America 114-17
Mexico 108
non-EU European countries 108-11
South Asia 111-13
sub-Saharan Africa 117-19
United States 97, 105-8
Yemen 172-7
- transit trade 104-5
Transition Assistance Group 295
Transitional Administration for Eastern Slavonia,
Baranja and Western Sirmium 300
- transparency 90, 98
treaties 216-17
trends in production 10, 13-15, 16
- tribes
confederations 181-3
conflicts 183-5
customs 169, 177-87
disarmament 312
illicit craft production 32-3
Pakistan 32-3
traditions 32-3
tribal *urf* (Qaybali code) 169
values 169, 177-87
Yemen 169, 177-87
- 'truth commission' 311
Tskhinvali 193-4
Turkey 31-2, 79
- Uganda 83-6, 110, 132, 134-5
Ukraine 48-9, 108
Ulster Defence Association 285
Ulster Unionists 284
Ulster Volunteer Force 285
UN *see* United Nations
undermining factors, disarmament 300-5
undocumented trade 100-1
UNDP *see* United Nations Development
Programme
unemployment *see* employment
União Nacional para a Independência Total de
Angola (UNITA) 81, 297, 301
UNICEF *see* United Nations Children's Fund
Union panafricaine pour la démocratie sociale
(UPADS) 256-8, 260-1, 264-5, 267-8
Union pour le renouveau démocratique (URD)
256-8, 260-1, 264-5, 268-9
- UNITA *see* União Nacional para a Independência
Total de Angola
United Kingdom 64, 69, 98, 103
United Nations (UN)
Children's Fund (UNICEF) 154
coercive disarmament 298-9
Convention against Transnational Organized
Crime 223
Department for Peacekeeping Operations
(DPKO) 292
Development Programme (UNDP)
availability effects 154
disarmament 309
misuse effects 154
Republic of Congo 255, 264, 266, 269, 271-2
Somalia 153
Firearms Protocol 216-17, 223, 225, 238
global stockpiles 58, 62
Human Development 171
light weapons definition 59
Millennium Summit 150
Observer Mission in Bougainville (UNOMB) 302
Observer Mission in Georgia (UNOMIG) 207,
210
Operation in Somalia (UNOSOM II) 298-9
peace keeping missions 294
Peace Operations Panel 296
peace process disarmament 291-2
Programme of Action 215-48
Secretary General 58, 291
Security Council 224
Small Arms Conference process 223, 226-36
small arms definition 59
Small Arms Reduction Plan 309
soft law 219
Transition Assistance Group (UNTAG) 295
Transitional Administration for Eastern
Slavonia, Baranja and Western Sirmium
(UNTAES) 300
United Self-Defense Forces of Colombia (AUC)
87
United States (US)
Brazil 114
civil war 277
employment 17
European exports 38-9
European Union 103-4
global norms 234
industry 11
intra-regional trade 101
Latin America 116-17
liability suits 18
Moldovan trade 109
production 16-18
Russia 111
stockpiles 57, 61
transfers 97, 103-8, 111, 114, 116-17
value of production 17
volume of production 17-18
Universal Declaration of Human Rights,
identifying norms 219-20
UNOMB *see* United Nations Observer Mission in
Bougainville
UNOMIG *see* United Nations Observer Mission in
Georgia
UNOSOM II *see* United Nations Operation in
Somalia
unregistered guns 70-2
- UNTAES *see* United Nations Transitional
Administration for Eastern Slavonia, Baranja
and Western Sirmium
UNTAG *see* United Nations Transition Assistance
Group
UPADS *see* Union panafricaine pour la
démocratie sociale
urban area gun ownership 67
URD *see* Union pour le renouveau démocratique
US *see* United States
- value
documented exports 97, 100, 101
global production 13
imports 99-100
international trade 100
major producers 16
production 17
Vazovski Mashinostroitelni Zavodi 44
Vector R4/R5s 267
victimization 147
violent crime
availability effects 136-40
misuse effects 136-40
Republic of Georgia 209
Yemen 179-80, 187
- volume
global p
koroduction 13
major producers 16
production 17-18, 20
Voluntary Society of Supporters for the Air Force
And Navy (DAOSAAN) 197
- war
criminals 311-12
economies 300-1
profits 300-1
Republic of Georgia 206
'war on terror' 60, 97, 182
warlords 202
weapons of mass destruction 73
west Africa 82-3, 118-19, 292
West Bank 77
western country transfers 101
Western Sirmium 300
White Eagle 197
willingness-to-pay (WTP) method 133
workshops 9-49
World Bank 152, 307
WTP *see* willingness-to-pay
- Yemen 79, 109, 169-88
Yemen Arab Republic (YAR) 170-88
youth Communist organizations 197
Yugoslavia 43, 289
- Zaire *see* Democratic Republic of Congo
Zaklady Metalowe Dezamet 42
Zaklady Metalowe Lucznik 42
Zaklady Metalowe Mesko 42
Zaklady Tworzyw Sztucznych Pronit 42
Zastava Arms Company 47
Zavody Vseobecnego Strojarnstva (ZVS) 43
Zbrojovka Arms 40
Zimbabwean Defence Industries (ZDI) 261
Zulu militias 260
ZVS *see* Zavody Vseobecnego Strojarnstva