



Index

- Abbasids, 5
- Abu Dhabi Commercial Bank, purchases, 338
- Abu Dhabi Sovereign Wealth Fund, 338
- Abu Hurairah, 160
- Accounting and Auditing Organization for Islamic Financial Institutions (AAOIFI), 21, 151, 154, 169, 338
- Accounting entries
- Bai Al Inah* contract, 48–49, 49t
 - Ijarah* contract, 93–94
 - example, 93t
 - purchase orderer basis (Murabahah), 47–48, 48t
- Accounting treatment
- Ijarah* contract, 94t
 - Istisna*, 70
- Accrued balances, records maintenance, 312
- Activity-based benchmarks, 175t
- Acts of God, 303
- Acts of Nature, 303
- Afterlife, judgment, 164–165
- Ahawwul*, 153
- Al-bai* trading model, 272
- Al Ijarah Thumma Al Bai* (AITAB), 92, 95–96
- Al kali bi al kali*, 76
- Alpha, risk absorption, 272
- Amanah*-based contract, 101
- Asset liability
- gap, 279f
 - management, 275, 289t
- Asset products
- Bai al Inah*, 19
 - Mudharabah*, 124–126
 - Musharakah*, 132
 - Tawarruq*, 40–42
- Assets
- agreed purchase price, 14
 - bank brackets, 275–276
 - buybacks, 224t
 - buy-back transaction, 13–14
 - classes, 255t
 - risk weightage basis, 256t
 - delivery, 64
 - funding, 107
 - income stream, 197t
 - location, 226t
 - ownership, 36
 - pooling, *Musharakah*, 132–133
 - example, 133f
 - price, partial payment, 86
 - sale, 65–66
 - special purpose vehicles (SPVs), usage, 219t
 - seizure, avoidance, 215
 - structure, Islamic bank example, 272t
 - types, 67–68
 - worth, 218
- Automobile *Takaful* plans, 296
- Back-to-back guarantees (*Kafalah*), 148–149
- Bai* (trade)
- Islam permission, 29
 - Islam recognition, 31
 - Quran endorsement, 6
- Bai al Dayn*, 79
- contract
- basis, 190
 - sale, 7
- debt, 80–81
- equity, sale, 82–83
- financial products, 81–82
- Hawalab*, relationship, 156
- purchase price, 80–81
- payment schedule, 80f
- receivables, 80–81
- rental payments, 80–81
- Bai al Inah*, 13
- asset product, 19
 - Bank Negara Malaysia definition, 13
- contract
- accounting entries, 48–49, 49t
 - Malaysia acceptance, 18



- Bai al Inah (Continued)*
 parties, 15f
 sale, 7
 deferred price (examples)
 payment, 16f
 undertaking, 15f
 definitions, 13–15
 documentation, 21
 financial product, 19–20
 International Financial Services Board
 definition, 13–14
 legal issues, 17–19
 liability product, 19–20
 ownership, transfer, 20
 permissibility, 170
 process flow, 15–17
 repayment promise, example, 17f
 resolutions, 21
 Riba contract, 17f
 sale
 accounting entries, 48
 contract, 20
 spot price, example, 16f
 transactions, 44
- Bai al Sarf*, 75–76
 conditions, freedom, 76
 contract sale, 7
 currencies, exchange (nondeferment), 76
 equal for equal transaction, 76
 forward/futures market, 76
 possession, 75–76
 rulings, 75–77
 spot exchange rate, 77f
- Bai al Urbun*, 85
 grain purchase, 87f
 scenarios, 85–86
- Bai al Wafa*, 59
 contract
 requirements, 59
 sale, 7
 financial assets, 60
Hibah, relationship, 141–142
 process flow, 60f
- Bai Bithman Ajil* (BBA), 23, 32
 deferred sales, pricing, 49–53
 facility, risk weightage, 238
 fixed-rate contracts, 259
Inah, combination, 32–34
 mode, 50
 purchase price, 33
- Bai Bithman Bai al Inah* contracts, 228
- Bai fauri*, 23
- Bai hall*, 23
- Bai' 'Inah*
 arrangement, 13
 Shariah requirements/optional practices,
 170–171
- Bai Mu'ajjal*, 23, 45
- Bai Murabahah*, 23
- Bai Musawamah*, 23
- Bai ul wafa*
 contract, 160
 equities sale, relationship, 60
Sukuk, sale, 60–61
- Balance sheet
 analysis, 247–254
 bond issue, example, 215t
 examples, 211t, 252t–253t
 financial assets, 124
 Islamic bank examples, 46t, 201t, 251t,
 260t–261t
- Banking
Hibah applications, 140–142
Musharakah, (relationship), 130–131
 products *Tawarruq* applications,
 40–45
- Banking business, 105
- Bank Negara Malaysia (BNM), 9
- Bai al Inah* definition, 13
 exposure draft, 35
 instructions, 122
 Shariah Advisory Council, 21, 169
- Banks
 assets, 130f
 comparisons, example, 277t
 core business, 237
 funding book, example, 276t
 joint venture partners, 131f
 purchases, 338
- Base financing rate (BFR), 158
- Basel III rules, 47
- Bazaars, Muslim fame, 6
- BBA. *See* Bai Bithman Ajil
- Beneficial ownership, transfer, 96
- BFR. *See* Base financing rate
- BNM. *See* Bank Negara Malaysia
- Bonafide *Murabahah* financing, reduction,
 47
- Bonafide true sale (*Murabahah*),
 29–31
 business risk, 30f
 financial risk, 30f
- Bondholders, rights, 214–216
- Bonds
 coupon payments, 229
 issue, example, 215t



- Book entries, 107
- BRIC index, 10
- Business operations, bank financing, 210
- Business risk, 236
 - Bonafide true sale, *Murabahah*, 30f
- Buy-and-sale trades, experience, 188
- Buy-and-sale transactions, execution, 185
- Buyback arrangement, variant, 223, 227
- Buy-back transaction, 13–14
- Buyer, asset sale, 65–66
- Capital
 - access, 121
 - adequacy, 237
 - charge, *Musharakah mutanaqisab*, 137
 - existence, 237
 - provider, full capital, 118
 - raising, 216
 - regulated capital, equation, 272
 - unrealized capital gains, 124
- Capital adequacy ratio (CAR), 137, 238
 - equations, 137, 238, 272
 - implications, 238–239
- Capital markets (*Shariah*), 177
 - changes, 10
 - role, 189
 - service, 190
- CAR. *See* Capital adequacy ratio
- CASA. *See* Current accounts and savings accounts
- Cash flows, fixed deposit (comparison), 42
- Cash money, monetary debt (*Ribawi* sale), 83
- Cash, raising, 225t
- Cash-rich unit, asset possession, 31
- CDOs. *See* Collateralized debt obligations
- Central banks, policy rate, 192
- China, focus (realignment), 337
- CIMB Bank, merger, 338
- Closing day positions, example, 180t
- Closing positions, example, 181t
- Closing trade, example, 179t
- Collateral, 210
 - musharakah mutanaqisab*, 137
 - seller possession, 53
- Collateralized debt obligations (CDOs), 52
- Commercial *Takaful* plans, 298–299
- Commodity *Murahabah*, 193, 269
 - contract, 152
 - liability product, 42–43
 - selection, 122
- Consequential losses, 296
- Constant decrease, example, 286f
- Constructive liquidation, 116
- Corporate family *Takaful* plan, case study, 323–325
- Corporate medical *Takaful* plan
 - case studies, 319–323
 - data, conclusion, 320t
 - example, 322t
 - medical history table, 320t
 - premium/donation calculation, 321t
 - Takaful* data, 321t
- Cost of Goods Sold, 192
- Credit analysis, 53
 - technology, 236
- Credit-based contracts, 291
- Credit-based sale, Islamic bank facilitation, 236
- Credit-based sale/markup (*Riba*), 28–29
- Credit price, 19
- Credit risk, 53, 235
 - absorption, 305
 - mitigation, 235, 254, 257
 - premium 193
- Credit sale, 45
- Currency risk, 236
- Current accounts and savings accounts (CASA), 101
 - depositors, 269
 - deposits, 142, 143
 - Islamic bank total, 247
 - low-cost deposits, raising (problems), 269
- Currencies, exchange (nondeferment), 76
- Customer balances (*Wadiab*), 103t
 - reduction, 106t
- Customer loan (*Wadiab*), 104t
- Customers, joint venture partners, 131f
- Da wa ta'ajjal*, 82
- Dayn*, *Majelle* definition, 79
- Debt
 - assignment (*Hawalab*), 79
 - Bai al Dayn*, 80–81
 - debt-based financial intermediaries, 132
 - debt-based sale contract, 28, 56
 - debt to market cap, 175
 - financing, 115
 - lender rights, 210–212
 - instrument, 231f
 - sale, concept (example), 81–82
 - transfer, 156
- Default
 - probability, 240–241
 - examples, 240t–242t
 - risk, 235–236



- Deferred delivery sale, 63
 Deferred payment contract, risk weightage, 54, 56
 Deferred payment sale, 45
 risk treatment, 53–57
 Deferred price
 calculation process, 50
 payment
 examples, 16f
 modes, 49–50
 undertaking, 15f
 Deferred profit, 157
 Deferred sales
 pricing, 49–53
 transaction, accounting entries, 46t
 Deposit instrument
 Mudharabah, 120–121
 Qard, 113
 schemes, 147–148
 Deposit mobilization, 122, 285
 financial intermediaries, impact, 235
 Depositor returns
 example, 204t
 impairments, 205t
 1 percent impairment charges, 205t
 2 percent impairment charges, 206t
 3 percent impairment charges, 207t
 Dow Jones, 173–174
 Dow Jones Islamic Market Index (DJIMI)
 financial screening criteria, 175–176
 sector screening, nonpermissible activities, 174t
 Dripping, concept, 324

 EAGD. *See* Exposure at given default
 Early settlement (*Ibra*), 157f
 Economic capital, 157, 238
 Economic theory, basis, 288, 290
 EL. *See* Expected loss
 Emaar, financing offers, 32
 Equities sale
 Bai al Dayn, 82–83
 Equity-based contracts, 291
 Equity behavior (*Sukuk*), 230f
 Equity holders, rights, 212–214
 Equity injection, 213t
 Equity notes, 189–190
 issuance, 216
 Expected loss (EL), 54–56, 242–244
 calculations, 257t
 equation, 242
 probability of default (PD), relationship, 243t

 Expenses (E), 308
 Exposure at given default (EAGD), 241
 calculation, 54
 probability, 241t

 Family *Takaful*, 295, 311–314
 certificates, types, 312
 corporate family *Takaful* plan, case study, 323–325
 plans
 features, 311
 income sources, 314
 process flows, 312–314, 313f
 Farmer *Sukuk* notes, 189–190
 Fatimids, 5
Fatwas, 168
 Fender benders, 304
 FF mutual trade, example, 181t
 Fiat money economic system, 290
 Financial assets
 purchase, 221
 sale, subject, 60
 Financial intermediaries, deposit mobilization, 235
 Financial loss, 300–301
 Financial products, pricing, 191–194
 Financial risk, bonafide true sale (Murabahah), 30f
 Financial screening process, 175
 Financial service division (manufacturer/retailer), 32
 Financing
 contract, discounting receivable, 52–53
 costs, 191
 example, 221t–222t
Fiqh, 168
 Fire *Takaful* plans, 296
 contributions, 300
 family purchase, 302–303
 Fixed assets, sale, 233
 Fixed costs, association, 191
 Fixed deposit, cash flows (comparison), 42
 Fixed income portfolio, 57–58
 Fixed profit mechanism, 50–51
 Fixed-rate asset (FRA), 259
 Fixed-rate liability (FRL), 259
 Floating profit mechanism, 50–51
 Floating rate financing product, 158
 Forward rates, 279–281
 FTSE, 173–174
 FTSE 100, 10



- Funding
 book, example, 276t
Mudharabah financing, 119t
 scenarios, 281
- Funding gap
 analyses, 280t
 funding, 278t
 illustration, 279f
 limit, 279
- Funds
Mudharabah accounting treatment, 127t
 pooling, concept, 114f
 returns (Islamic banks), 204t
- Gap. *See* Funding gap
- GC. *See* Gross contribution
- GCC. *See* Gulf Cooperation Council
- General *Takaful*, 295–296
 business model, 300
 corporate medical *Takaful* plan, case studies, 319–323
 fund, 301f
 observations, 310
 plans, pricing, 304–310
 process flow, 297f
- Gharar*, 79
 presence, 86
- GI accounts, *Wadi'ah* entry, 102t
- Global Financial Crises (2008), 82
- Government, components/function, 232
- Grain purchase, example, 87f
- Gross contribution (GC), calculation, 306, 308, 315
- Gross Domestic Product (GDP) growth rate, 195
- Guarantor, identification, 147–148
- Gulf Cooperation Council (GCC), 18
 countries, *Murabahah* contract, 34
 index, 10
- Hadith*, 16, 75
 books, availability, 166
 filtering, 165
 law source, 163
- Hadrat Abu Bakr, 163
- Hadrat Ali, 163
- Hadrat Umar, 163
- Hadrat Uthman, 163
- Halal*, 174
- Haram*, 164
- Hawalab*, 151, 153–156
Bai ul Dayn, relationship, 156
 contract, modern use, 155
 debt assignment, 79
 debt transfer, 156
Hibah, combination, 140
 issues, 155–156
 transfers, 154f
 types, 154–155
 unrestricted *Hawalab*, 154
Hawalab al-dayn, 154
Hawalab al-haq, 154
Hawalab, *Majelle* definition, 153
Hibah, 139
 amount, predetermination, 142
Bai al Wafa, relationship, 60, 141–142, 143f
 banking applications, 140–142
 charity, 155
 contract, usage, 26
 enhancements, 142–143
 ex-ante tabulation, 112
 forms, 139
 fund, cost, 142–143
 gift, 112
Hawalab, combination, 140
Ijarah, combination, 140
 indicative rate, 194
Iwala, combination, 140
Kafalah, combination, 140
 payouts, 141, 202
 process flow, 143f
 restrictions, 140
 sale/exchange contracts, 142
Wadi'ah, combination, 140–141
Wakalah, combination, 140
Hisbah, 183
 HSBC Amanah, 10
 Hussein, Saddam, 8
- Ibnu qudamah*, 85
- Ibra*, 151, 156–158
 contract, 53
 usage, 51
 disclosure, 158
 early settlement, 157f
 equation, 157
 mechanism, 51t, 52t
 representation, 156
 settlement amount, 157
- IDB. *See* Islamic Development Bank
- IFIs. *See* Islamic Financial Institutions
- IFSB. *See* Islamic Financial Services Board
- IIMM. *See* Islamic Interbank Money Market

- Ijarah*
- Al Ijarah Al Thumma Al Bai* (AITAB), 95–96
 - Ijarah*-based contracts, 196
 - Hibah*, combination inclusion, 136t
 - lease contracts, 227
 - normal *Ijarah*, 92–93
 - pure *Ijarah* contract, 92
 - receivable account, 94
 - sale/leaseback, 96
 - variants, 91
- Ijarah* contract, 91, 134
- accounting entries, 93–94
 - accounting treatment, 94t
 - enhancement, 92
 - example, 93t
 - rental payments due, 82
- Ijarah muntabiya bi tamleek*, 92, 95–96
- Ijtihad*
- consideration, 166
 - scholars, consensus, 164
 - modern day *Ijtihad*, 165–167
- Impairments, 205t
- charges, 205t–207t
- Inah*
- application, 19
 - Bai Bithman Ajil* (BBA), combination, 32–34
 - contract
 - permissibility, 20
 - variant, 19–20
 - deferred sales, pricing, 49–55
 - inclusion, 32–34
- Income distribution
- example, 254t
- Islamic banks, 191, 199–207
- Mudharabah*, 207t
- Income statement, examples, 200t, 252t–253t
- Industrial and Commercial Bank of China (ICBC), 149
- Infant mortality risks, 324
- Inflation, expected rate, 191
- Initial public offering (IPO) stage, 177–180
- closing day positions, 180t
 - closing trade, example, 179t
 - example, 179t
 - initial buyer, holdings exit, 181
 - trades, 180t
- Insurance
- plans, stereotypes, 298
 - Shariah* issues, 292–293
- Interbank borrowing, bank reliance, 275
- Interbank *Mudharabah*
- funding, 193
 - funds, 247
 - placements, 122
- Interbank rates, 193
- Interest rates, 50
- decrease, example, 266t–267t
 - increase, examples, 262t–265t
 - table, example, 287t
- Internal cash general ledger asset account, 103
- International Centre for Education in Islamic Finance, 337
- IE 1002 Reporting of Islamic Financial Transactions*, 207
- International Financial Services Board, 13–14
- International Shariah Research Academy for Islamic Finance (ISRA), 169
- Investments, rollover, 284t
- Investors, private interests (capital market service), 190
- Islamic asset management, 173
- Islamic Bank
- cash flows, 57
 - funds transfer, 39
 - Hibah*, pre-determined rate, 142
 - leverage, 257
 - Over-The-Counter Transaction, 39
- Islamic banking
- criticism, 194–195
 - facilitation, 56
 - Takaful* department, 170–171
- Islamic Banking Space, 32
- Islamic banks
- assets
 - liability management, 275
 - assets, income stream, 197t
 - asset structure, 272t
 - balance sheet
 - changes, example, 212t
 - examples, 46t, 201t, 251t, 260t–261t
 - capital adequacy, 237
 - car loans, extension (data), 55t
 - credit risk, 235
 - customers, *Wadiah* entries, 102t
 - depositor returns, 204t–205t
 - deposits (*Wadiah*), 101f
 - deposits, segregation, 121
 - development (Malaysia), 10
 - discounts, adjustment, 51
 - example, 202t



- function, 193
 funds, returns, 204t
 income
 distribution, 191, 199–207
 origin, examples, 202t, 203t
 statement, example, 200t
 investment accounts, segregation, 121
 leases, 95
 liabilities, payments, 198t
 pricing, 191
 benchmark, 195
 models, criticism, 195–196
 profit equalization reserve (PER),
 196–199
 profit rate, 193
 returns, 204t–207t
 risk management, 235
 risk sharing, 191, 208
 short-term deposit reliance, 192
 Islamic civilization, ethos, 338
 Islamic Development Bank (IDB), 10–11,
 169
 impact, 8–9
 Islamic finance, 5, 111
 capital markets, role, 189
 modern phase, 8–11
 Islamic Financial Institutions (IFIs), 11
 crediting, 41
 depositor balances, 104
 discretion, 194
 Islamic financial intermediation, 337–338
 Islamic financial products, pricing,
 191–194
 Islamic Financial Services Act of 2013, 121,
 199
 Islamic Financial Services Board (IFSB),
 169, 338
 Islamic Interbank Money Market (IIMM),
 276
 Islamic SME funds, 11
 Islamic world economies, focus, 189
 ISRA. *See* International Shariah Research
 Academy for Islamic Finance
Istisna (juristic preference), 164
Istisna, 63, 68–70
 accounting treatment, 70
 contract, 31, 63, 69, 145
 accounting, 71t–73t
 purchase price, 228
 Salaam contract, comparison, 68
 parallel *Istisna*, 68, 70
 price, 69
 Istisna sukuk, 228–229
 Joint venture partners (banks/customers),
 131f
 J.P. Morgan, 11
Juala
 contract, 120
 Hibab, combination, 140
Kafalah, 70, 145–146
 applications, 147
 back-to-back guarantees, 148–149
 concept, 148
 contract, 53
 guarantor, identification, 147–148
 Hibab, combination, 140
 indemnity, contract, 146
 process flow, 146f
 products, 148
Khiyar al shart, 76
 KLCC, 338
 Lambda (λ), 308, 315
 Leaseback, 223–227
 Ijarah, 96
 Lease-based contracts, 140
 Lease contracts
 Ijarah, impact, 227
 prerequisites, 91
 Lender
 rights (debt financing), 210–212
 Lenders
 power, 215
 Liabilities
 bank brackets, 275–276
 coverage, 295
 payments, 198t
 product, Bai al Inah, 20
 Liability *Takaful* plans, 299–300
 LIBOR. *See* London Interbank Offered Rate
 Life *Takaful*, mortality table
 detail, 325–327
 example, 325t–327t
 Liquid assets to market cap, 176
 Liquidity risk, 269
 example, 270t–271t
 Loans
 customer funding, 105t
 disbursement/repayment, 17
 funding
 location (*Wadiah*), 105t
 process (*Wadiah*), 106t
 repayment period, 57f, 58f
 London Interbank Offered Rate (LIBOR),
 195



- Long-term assets, funding, 257
 Long-term debts, 211–212
 Long-term *Murabahah* facilities, 223
 Long-term rates, 281–288
 Loss rate given default (LRGD), 241–242
 calculation, 54
 mathematical computation, 242
 probability, example, 242t
 LRGD. *See* Loss rate given default
- Madhab*, 17–18
 Shafi madhab, 18
 Madina, people (practices), 164
Maiser, 79
Majelle
 Dayn definition, 79
 Hawalah definition, 153
Makruh, 164
 Malaysia
 Bai al Inah contract acceptance, 18
 Islamic finance, global hub, 9
 SAC, 89
 Securities Commission (SC), 173–174
 Shariah Advisory Council, 79
 thought leader, 10
 Mamlukes, 5
Mandub, 164
 Manufacturer, financial service division,
 32
Maqasid shariah, 177
 Market prices, fluctuation, 67, 87
 Market regulation (*Shariah*), 183–187
 Market risk, 193, 257–268
 scenarios, 259, 268
 Market values, percentage changes
 (*Shariah*), 186t
Maslahah, 79, 176
Maslahah al murasala (common good), 164
 Medical history table, 320t
 Medical *Takaful* plans, 298
Mejelle, 165
 Mixed companies, criteria, 176
 MM. *See* *Musbrakah mutanaqisah*
 Modern day *Ijtihad*, 165–167
 Modified three-year yield curve, example,
 286f
 Modified *Wakalah* model, 316
 Money creation (*Wadiah*), 104–108
 Mortality
 data, 329t
 tables, 323, 327–331
 MPO. *See* *Murabahah* to purchase orderer
 MSCI, 173–174
- Murabahah*-based sales, 54
Mubab, 164
Mudharib
 action, 152
 expertise, 120
 fee, 204, 208
 Rab ul maal, relationship, 123
 upfront fee, 115
Mudharabah, 115
 account funds, investment, 204
 account holders, contribution, 203
 accounting treatments, importance,
 123–124
 actual earnings, constructive earnings
 (contrast), 125t
 application, 117–118, 120
 asset product, 124–126
 contracts, 107, 118, 276
 bank entry, 277–278
 misuse, 120–121
 sale contract, 30
 deposits
 accounting treatment, 126
 function, 120–121
 holders, earnings, 206
 rate of return, 123
 disclosure, importance, 123–124
 fee, incentive model, 317
 funding, 119t
 funds
 accounting treatment, 127t
 function, 121–122
 guidelines, 122
 investment, 200
 management, *Mudharib* fee, 208
 income distribution, 207t
 indicative rate of return, 122–123
 interbank *Mudharabah* placements,
 122
 investors, funds (investment), 124
 Mudharabah-backed cash financing,
 118t
 perpetual *Mudharabah*, 118
 process flow, 116f
 profit sharing ratio (PSR), 123
 Re-Mudharabah, 118
 restricted *Mudharabah*, 118–120
 transactions, accounting treatment, 126
 unrestricted *Mudharabah*, 118–120
Mudharib, capital provider, 118
Mudi, 101
 Muhammad (prophet), *Sunnah*, 170
Muhtasib, 183



- Murabahah*, 23
 accounting entries, purchase orderer
 basis, 47–48, 48t
 bonafide true sale, 29–31
 conditions, 23–24
 contracts
 importance, 23
 short-term debt/long-term debt,
 211–212
 deferred sales, pricing, 49–53
 enhancements, 26–28, 31
 facility, extension, 103t
 financing, 45, 103
 contract, discounting receivable,
 52–53
 implementation, 32
 liability product, 42–43
 loan, investment scheme, 106
Murabahah-based assets, exposure,
 56–57
Murabahah-based contracts, profit rate,
 195–196
 by pay orderer sale, 47
 purchase orderer process flow, 27f
 sale
 asset purchase, 24–25
 contracts, scenarios, 24
 conventional loan, comparison, 28
 sale/credit, 25–26
 working capital, 28
Murabahah to purchase orderer (MFC),
 153
Murabahah pricing formula, 191–192
Murabahah-based sales contracts,
 receivables, 93
Murbabah, contracts sale, 7
Musharakah, 129
 banking, relationship, 130–131
 concept, application, 129–130
 contract, usage (absence), 132, 133
Musharakah action, 153
Musharakah mutanaqisah, 82
 contracts, 259
Mushrakah
 asset product, 132
 assets, pooling, 132–133
 contract, combination, 137
Mushrakah mutanaqisah (MM), 133–137
 capital charge, 137
 collateral, 137
 contract, 134
 Ijarah, inclusion, 136t
 payments, 135t
 Muslim diaspora, self-actualization process,
 339
 Muslim empires/world
 finance, importance, 5–6
 Industrial Revolution, absence, 8
 isolationist attitude, 8
Mustawda, 101
Muwakkil, 151
 Nationalization, risk, 236
 Negligence, 303
 New York Stock Exchange (NYSE), 183
 buy-and-sale transactions, execution,
 184
 trading volume, 184f, 185f
 Nikkei 225 index, 10
 No loss bonus (NLB), 302
 Nonfee *wakalah*, 152
 Nonguaranteed deposits, usage, 239
 Normal *Ijarah*, 92–93
 OIC Fiqh Academy, 89
 1 percent impairment charges, 205t
 Operating lease, 91–92
 Organization of Islamic Countries Fiqh
 Academy, 169
 Ottoman Empire, trade/finance, 6–7
 Ottoman *Mejelle*, 165
 Ottomans, 6
 Over-The-Counter derivative contracts,
 nominal value, 188
 Over-The-Counter transaction, 39
 Ownership
 Shariah permission, 173
 transfer, *Bai al Inah*, 20
 Parallel *Istisna*, 68, 70
 Parallel *Salaam*, 65
 contract, 66
 Partnerships, 209–210
 PD. *See* Probability of default
 PER. *See* Profit equalization reserve
 Perbadanan Insurance Deposit Malaysia
 (PIDM), 122
 Permissible asset, 14
 Permissible interest, 300–301
 Perpetual *Mudharabah*, 118
 Personal accident *Takaful* plans, 298
 Personal *Takaful* plans, 298–299
 PIDM. *See* Perbadanan Insurance Deposit
 Malaysia
 Pledge item, financial assets (usage), 161
 Political risk, 236



- Ponzi scheme, 105, 310
 Premium/donation calculation, 321t
 Price fixing, issue, 37–38
 Price, *Shariah* (contrast), 194–195
 Pricing
 benchmark, 195
 Islamic banks, 191
 Islamic financial products, 191–194
 models, criticism, 195–196
 risk, importance, 305
 Private limited firms, 209–210
 Probability
 calculations, 327–331
 examples, 330t, 331t
 Probability of claim, 323
 Probability of default (PD)
 expected losses, relationship, 243t
 scenarios, 246t, 248t–250t
 unexpected losses, relationship, 245t
 Probability of event, 320
 Product menu (*Takaful*), 295–300
 Profit equalization reserve (PER),
 196–199
 deduction, 200
 Profit mechanism, identification, 50–51
 Profit rates, comparison, 50
 Profit-sharing investment account (PSIA),
 269–273
 Profit Sharing Ratio (PSR), 281
 ex-ante determination, 143
 Mudharabah, 123
 Prophet Muhammad, Sunnah, 170
 Purchase orderer process flow, 27f
 Purchase price
 Bai al Dayn, 80–81
 payment schedule, 80f
 Bai Bithman Ajil (BBA), 33
 Pure *Ijarah* contract, 92
 Pure *Mudharabah* fund, 239

 Qadafi, Muammar, 8
Qard, 111, 126
 contract, applications, 112
 deposit instrument, 113
 funds, pooling (concept), 114f
 loan, call, 112
 process flow, 112f
 recording, 113–114
Qard contract, 25–26
Qard basan, 296
 Qatar Holdings, 338
Qiyas (analogy), 164
 Quran, usage, 170

Rabb-ul-mal, 152
Rab ul maal, 115
Rab ul mal, 115–117
 income, recording, 117
Rahn, 151, 159–161
 contract, 14, 53, 64, 112
 features, 159–160
 flowchart, 159f
 pledge item, financial assets (usage), 161
 settlement amount, 160
 Raw materials, variable costs, 191
 RC. *See* Risk contribution
 Real economic activity, 43–44
 Receivables (*Bai al Dayn*), 80–81
 Receivables to market cap, 176
 Regional *Shariah* Scholars Dialogue, 21
 Regulated capital, equation, 272
Re-kafalah, 149
Re-Mudharabah, 118
 Rental payments
 Bai al Dayn, 80–81
 Ijarah contract, 81
 Repayment promise, example, 17f
 Repurchase, 60
 Reserves, maintenance, 309
 Restricted *Mudharabah*, 118–120
 contract, 120
 Restricted *Wakalah*, 152
 Retailer, financial service division, 32
Retakaful
 pricing, 319
 provider, 334, 336
 Return on capital invested, required rate,
 191
 Returns, PER deduction, 199
 RHB Bank, merger, 338
Riba, 16, 17, 147
 contract (*Bai al Inah*), 17f, 19
 credit-based sale/markup, 28–29
 Islam ban, 29
 rates, 50
 Riba-based structure, 9
 term, interpretation, 5
Ribawi sale, 83
Ribbh, 13
 comparison, 50
 Rider, usage, 298
 Risk
 brackets, 331, 334
 business risk, 30f
 concentration, 56–57
 cost, 320
 credit risk, 53, 235



- defining, 235
- financial risk, 30f
- liquidity risk, 269, 270t–271t
- management, 235
- market risk, 257–268
- measuring/pricing, 305
- pricing risk, 305
- profiling, 331–336
 - data, 335t
- sharing, 208
 - Islamic banks, 191
- total risk, 292f
- treatment, impact, 53–57
- Risk contribution (RC), 305–306, 308
 - calculation, 323
 - combined risk contribution, 334t
 - examples, 330t–333t
- Risk weightage (RW), 239
 - basis, 256t
 - calculations, 244–247
 - components, 240–244
 - scenarios, 244, 247
 - charges, 54–56
 - equation, 240
- Risk-weighted assets, 239
- Saad ul dbariah*, 18, 164
- SAC. *See* Shariah Advisory Council
- Safekeeping, contract, 100–101
- Salaam*, 63–68
 - asset
 - types, 67–68
 - asset, buyer sale, 65–66
 - contract, accounting, 66t
 - treatment, 65
 - contracts, 63, 145
 - Istisna* contract, comparison, 68
 - models, application, 67–68
 - default scenarios, 66–67
 - example, 64–65
 - parallel *Salaam*, 65
 - contract, 66
 - partial purchase price, payment, 67
 - price, 65
 - third party, asset delivery, 65–66
- Sale and leaseback, 96, 223–227
- Sale-based contracts, 63
- Sale contracts
 - conditions, 14
 - scenarios, 24
- Sales
 - double taxation, involvement, 27
 - sequence, 36
 - tax, payment, 39–40
 - transaction
 - effect, 19
 - sequence, creation, 38
- Sale transaction
 - condition, 16
 - financing, bank participation, 31
 - tax treatment, 39
- Secondary Sources of Law, 164
- Sector screening, nonpermissible activities, 174t
- Securities commission, 183
- Securities Commission Malaysia, 9
- Seljuks, 5
- Semi-depositors, 126
- Shafi madhab*, 18
- Shareholders, funds (commingling), 102
- Shariah*, 163
 - activity-based benchmarks, 175t
 - capital markets, 177
 - role, 189
 - closing positions, 181t
 - equity notes, 189–190
 - former *Sukuk* notes, 189–190
 - FF mutual trade, 181t
 - initial public offering (IPO) stage, 177–180
 - insurance issues, 292–293
 - jurisdiction, 177
 - legal framework, 26
 - market integrity, 180–183
 - market regulation, 183–187
 - market values, percentage changes, 186t
 - New York Stock Exchange (NYSE)
 - trading volume, 184f, 185f
 - ownership, 167–170
 - prices
 - contrast, 194–195
 - reduction, 182t
 - requirements, 170–171
 - screening, 173
 - Shariah*-compliant alternative, 9
 - Shariah*-compliant contracts, 11, 108
 - Shariah*-compliant equity, behavior, 214
 - Shariah*-compliant index, proposal, 9
 - Shariah*-compliant securities, offering, 10
 - shopping, 166
 - stock screening, 173–176
 - study, 167
 - valuations, 182t, 187–188
 - zero sum game, 188–189
- Shariah* Advisory Council (SAC), 79, 169
- Sharik*, 129



- Shia* populations, 166
- Shia* scholars, 166
- Short-term assets, funding, 257
- Short-term debts, 211–212
- Short-term deposits, 192
- Short-term *Murabahah* facilities, 223
- Short-term rates, 281–288
- Short-term *Shariah*-compliant securities,
 - sum collection, 309
- Simple *sukuk*, 229–233
- Small capitalization (small cap) stocks,
 - vulnerability, 183
- Social behavior theory, 284
- Sole proprietorship firms, 209–210
- Sovereign *Sukuk*, 231–233
 - issuances, 148
- Specialized trading platform, 40
- Special purpose vehicles (SPVs)
 - asset sale, 219t
 - balance sheet, 233
 - liabilities, 220t
 - role, 227
 - usage, 216–221
 - example, 216t–217t
- Speculative trade practices, evolution, 185
- Speculative traders, time horizons
 - (reduction), 188
- Speculative trading, Islam ban, 187
- Spot exchange rate (*Bai al Sarf*), 77f
- Spot market price, 70
- Spot price, 19
 - example, 16f
 - payment, modes, 49–50
- Spot rates, 279–281
 - decrease, 283t
 - increase, 282t
 - interest rates, comparison, 279, 281
- SRR costs, 193
- Standard Chartered Sadiq, 10
- Subsidiary companies, usage, 216–221
- Sukuk*
 - asset sale, special purpose vehicles
 - (usage), 219t
 - bondholders, rights, 214–216
 - certificate
 - behavior, 230
 - debt instrument function, 231f
 - debt financing, lender rights, 210–212
 - equity behavior, 230f
 - equity holders, rights, 212–214
 - financing
 - example, 221t–222t
 - process, 221–223
 - holders, 96
 - ownership, 229
 - rights, 209
 - investors, return, 223
 - issuances, 131, 221, 223
 - Istisna sukuk*, 228–229
 - sale, 60–61
 - security, debt (inclusion), 231f
 - simple *sukuk*, 229–233
 - sovereign *Sukuk*, 231–233
 - issuances, 148
 - special purpose vehicles (SPVs)
 - liabilities, 220t
 - role, 227
 - special purpose vehicles (SPVs), usage,
 - 216–221
 - example, 216t–217t
 - structures, 228
 - subsidiary companies, usage, 216–221
 - vanilla *Sukuk*, 230–231
 - extra toppings, 231
 - toppings, 231
- Sum assured, 305
- Sunnah, 170
- Sunnah* populations, 166
- Suq-a-Sila*, 42
- Surplus, calculation, 309t
- Tabarru*
 - contract, 293–295
 - rate, TO revival, 331
 - voluntary contract, 316
- Takaful*, 291
 - accounting
 - entries, 314
 - treatment, example, 315t
 - acts of God, 303
 - automobile *Takaful* plans, 296
 - calamities, 303–304
 - combined risk calculation, 334t
 - commercial *Takaful* plans, 298–299
 - companies, funds (pooling), 11
 - concepts, 300–302
 - contract of agency, 291–292
 - contract renewability, 294–295
 - contributions, 309
 - cost, 160
 - data, 321t
 - example, 307t
 - importance, 306–310
 - deductibles, 302
 - department (Islamic banking), 170–171
 - events, frequency/severity, 304



- family plan, purchase, 300
- family *Takaful*, 311–314
 - corporate family *Takaful* plan, case study, 323–325
 - process flows, 312–314, 313f
- financial loss, 300–301
- fire *Takaful* plans, 296
- fund
 - rights/participant rights, 302–304
 - strengthening, 309
- general *Takaful*, 295–296
 - business model, 300
 - corporate medical *Takaful* plan, case studies, 319–323
 - fund, 301f
 - observations, 310
 - plans, pricing, 304–310
 - process flow, 297f
- liability *Takaful* plans, 299–300
- life *Takaful*, mortality table (detail), 325–327
- medical *Takaful* plans, 298
- mortality tables, 327–331
- multiple plans, 301–302
- no loss bonus (NLB), 302
- permissible interest, 300–301
- personal accident *Takaful* plans, 298
- personal *Takaful* plans, 298–299
- policies, pricing, 319
- principle, 292
- probability calculations, 327–331
- product menu, 295–300
- reserves, maintenance, 309
- risk
 - contribution, 305–306, 330t–333t
 - measuring/pricing, 305
 - profiling, 331–336
 - profiling data, 335t
 - surplus calculation, 309t
 - underwriting surplus, distribution, 316–317
- Takaful* operator (TO), 293–294, 302–306
 - accident cover purchase, 301
 - charges, 308
 - claim, family submission, 312
 - control, 309
 - data assembly, 307
 - fee, 296
 - income sources, 314
 - misleading, 299
 - models, 315–316
 - modified *Wakalah* model, 316
 - pricing risk, importance, 305
 - purposes, 309–310
 - records maintenance, 312
 - reserves, maintenance, 309
 - responsibility, 311
 - reward, 302
 - role, 298
 - Wakalah* fee, 294
 - Wakalah* model, 315
 - Wakalah Mudharabah* model, 316
- Tawarruq*, 35
 - applications, 40–43
 - deferred sales, pricing, 49–53
 - price fixing, issue, 37–38
 - real economic activity, 43–44
 - sales, 40
 - illustration, 35–37
 - sales tax, payment, 39–40
 - specialized trading platform, 40
 - Tawarruq*-based sales, 54
 - title, transfer, 38
 - tripartite sale asset product, 41f
 - tripartite sale, comparison, 37
- Tawarruq Munazam*, 40
 - sales transactions, sequence, 38
- Tenor, 244, 279
 - contributing factor, 137
 - range, 287
- Third-party asset delivery, 65–66
- Third-party borrowers, default, 101
- Third-party guarantees, 148
- 3 percent impairment charges, 207t
- Three-year yield curve
 - example, 285f
 - modified three-year yield curve, example, 286f
- Tijarat*, 13
- Time value of money, 288–290
- Title, transfer, 38
- Total contribution, calculation, 306
- Total risk, 292f
- Toyota Financial Services Model, 56
- Trade, Islam permission, 6, 29–30
- Trading house model, 31
- Trailing Twelve Month Average Market Capitalization (TTMAMC), 175–176
- Tranches, risks/returns, 131
- Tripartite basic process flow, 36f
- Tripartite sale asset product, 41f
- Tripartite sale liability product, 43f
- Tripartite sales, execution, 35–37
- Trust-based contract, 101



- TTMAMC. *See* Trailing Twelve Month Average Market Capitalization
2 percent impairment charges, 206t
- Ufone, 149
Ujr, 147
Ummah, 9, 176
Ummayads, 5
Umum balwa, 176
Underwriting surplus, distribution, 316–317
Unexpected loss (UL), 244
 calculations, 258t
 probability of default (PD), relationship, 245t
Unrealized capital gains, 124
Unrestricted *Hawalah*, 154
Unrestricted *Mudharabah*, 118–120
Urbun
 cash payment, 86
 contract, 33
 margin sales, contrast, 88–89
 partial asset payment, 86
 placement, 88
 representation, 85
Urf (customary practices), 140, 164, 176
Usul ul Fiqh, 164
Usul ul fiqh, 168
Usul ul Fiqh, methodology, 17–18
Utmost good faith, 299
- Value at risk, concept (usage), 268
Vanilla *Sukuk*, 230–231
 debt instrument, 231
 extra toppings, 231
 toppings, inclusion, 231
Variable rate asset (VRA), 259
 surplus, 268
Variable rate liability (VRL), 259
 surplus, 268
Venture capitalists, role, 189
- Wadiah*, 99, 126
 contract, 99, 140
 example, 107t
 reward, 141
 counterparty, usage, 100f
 customer balances, 103t
 reduction, 106t
 customer loan, 104t
 customer loan funding, 105t
 enhancements, 100–103
 entries
 GI accounts, 102t
 Islamic bank customers, 102t
 forms, 100
 Hibah, combination, 140–141
 Islamic bank, deposits, 101f
 loan funding
 location, 105t
 process, 106t
 money creation, 104–108
Wadiah wakalah model, 106
Wadiah yad al dhamanah, 100
Wajib, 164
Wakalah, 151–153
 agency, contract, 155
 application, 152–153
 contract, 26, 107t
 fees
 incentive model, 317
 issue, 76
 service charge, 311
 Takaful operator earning, 294
 flow chart, 152f
 Hibah, combination, 140
 legality, derivation, 151
 model, 315
 nonfee *Wakalah*, 152
 restricted *Wakalah*, 152
Wakalah bi qabr al-dayn, 152
Wakalah bi tadaqhi al-dayn, 152
Wakalah ghayr muaqqatab, 152
Wakalah Mudharabah model, 316
Wakalah muqayyadah, 152
Wakil, 152
Wakkala, 151
Waqfs, 168
Wash sale, 180
Working capital (*Murabahah*), 28
World Bank, 11
- Yield curve
 examples, 285f, 288f
 increase, regular intervals, 287f
 slope, indications, 285–286
- Zakat* funds, 168
Zakat rates, 195
Zimmah, 156