Note: Page numbers followed by an f indicate figures; those followed by t indicate tables.

A
Absolute cost advantages, 478
Acceptances, 469
Accommodative function, defined, 82
Account executive, career opportunity, 298
Accounting accrual concept, 356
firms, conflict of interest (elimination), 371
identity, 359
perspective, financial perspectives (comparison), 356
practices, problems, 369
principles, 355–357
problems, 367
Accounts payable calculation, 421–422
debt, 360
Accounts receivable factoring, 465–467
comparison, 467t
financing, 464–467
management, 436–440
origin, 360
period, usage, 419–420
pledging, 464–465
comparison, 467t
Accredited investors, 278
Adjustable-rate mortgage (ARM) change, 183
defined, 166
replacement, 168
Adjustment credit, 85–86
Administrative credit, 85–86
Administrative inflation, defined, 192
Administrative pressures, 191
Advance factoring, defined, 465
Advisory committees, 77, 80
Aftermarket, defined, 281
After-tax salvage value, calculation, 326
Agency costs, 539
defined, 370
Agents, defined, 369
Aggregate demand, fiscal policy (impact), 105
Alexander the Great (inflationary period), 188
American depository receipt (ADR) defined, 297
trading, 297–298
American International Group (AIG), bailout, 44, 107
American Recovery and Reinvestment Act of 2009, 102, 103
Amortized loan, defined, 218
Angel investors, survey, 287
Annual coupon payments, usage, 255
Annual credit risk spreads, 260t
Annualized rates of return, 272–274
Annual percentage rate (APR), 255, 457–458
defined, 222
effective percentage rate (EAR), difference, 222
Annual report, defined, 355
Annuity computational process, 213
future value, 212–214
calculation, example, 212
interest rates, 216–218
payments, determination. See Periodic annuity payments.
present value, 214–216
Annuity, defined, 212
Asset-based lending (secured lending), defined, 464
Asset management, 64–65
ratio, 387
analysis, 390–392
defined, 390
Assets, 60–62. See also Bank balance sheet, 359–360
defined, 359
examination, 362
historical returns, 323–324, 324t
historical risk, 323–324
investment, 476
requirements, 403–404
returns, standard deviation, 324t
securitization, 239
total risk, components, 332
trends, example, 449t
values, write down, 67
Asset-specific risk, 332–333
At-the-money, defined, 310
Automated clearinghouses (ACHS), 92
Automatic stabilizers pay-as-you-go progressive income tax, 105
Automatic stabilizers, defined, 105
Balance sheet, 355, 359–361. See also Bank; Common-sized balance sheets

<table>
<thead>
<tr>
<th>Page</th>
<th>Description</th>
</tr>
</thead>
</table>
Capital asset pricing model (CAPM), 332–335
Capital budgeting defined, 476
process, 478–481
question, 374
risk-related considerations, 500–501
stages, 478
techniques, 481–488
theory, practice (differences), 492–493
Capital budget projects, identification, 476–478
Capital consumption adjustment (depreciation), defined, 161
Capital formation, 151–155
acceleration, 158
defined, 151
process, 23, 24f
Capital markets defined, 16
securities, 16, 164–165
defined, 164
types, 164f
Capital structure, 530
decision making, difficulty, 527–528
defined, 516
operating/financial leverage effects, combination, 534–537
options, 517t
proposal, example, 531t
question, 374
scenario analysis, usage, 532t
selection, reasons, 516–519
theory/practice, impact, 537–541
weights, 524
CAPM. See Capital asset pricing model
Carter, Jimmy, 54
Cash balance, minimum, 423
components, 360
financial manager perspective, 356
holdings, 429
revenues, flow, 181
Cash budget, 423–426
construction, 425–426
defined, 423
example. See Monthly cash budget.
level production. See Monthly cash budget.
Cash budgeting
Cash conversion cycle, 417, 418–419
calculation, 420
increase, 419
length, determination, 419–420
management, 434–436
Cash conversion cycle, defined, 418
Cash dividends, corporation payment, 358
Cash due, depositary institutions, 60
Cash flows adjustments, 361
data, example, 482t
discount rate, 263
estimation, 493–495, 505–507
application, 507–513
approaches, 495–499
nonfinancial information, relevance, 480
example, 509t, 511t, 512t
isolation, 493–495
level production. See Net monthly cash flows.
patterns, differences, 490
project statement, differences, 495t
statement, 361–363
streams, 239–240
Cash flows from financing activities, 497
Cash flows from investment activities, 497
Cash flows from operations, 495–496
calculation, 496, 498
Cash inflows
estimation, 423–424
example. See Monthly cash inflows.
Cash management, 428–434, 441
analyst, career, 8
Cash outflows
estimation, 424–425
example. See Monthly cash outflows.
Central bank, 92–94
defined, 76
Central banking, movement, 76
Certificates of deposit (CDs), defined, 63
CFO. See Chief financial officer
Change in Bank Control Act of 1978, 89
Character, defined, 437
Charter, defined, 354
Chartered banks, 52
Chartists (technicians), defined, 326
Checkable deposits
change, calculation, 111
expansion, 108–112
term, usage, 108
Checkable deposits, involvement, 38
Check clearance, 90–92
Check collection, 90–91
Check routing, 92
symbols, usage, 93f
Checks, processing/clearing, 51f
Chicago Board Options Exchange (CBOE), trading, 308
Chicago Mercantile Exchange (CME), quote, example, 307
Chick-fil-A
capital project, 479
mission, 350
Chief financial officer (CFO), defined, 372
Chrysler, Daimler-Benz (merger), 330
Civil War
inflation, 189
state banks, 52–53
U.S. banking system, 51–52
Clean draft, defined, 136
Clearing float, 435
reduction, 436
Clinton, Bill, 100–101
Clinton, Bill (impeachment), 156
Closed-end funds, 327
Closed-end mortgage bond, defined, 239
Coefficient of variation (CV), 318–319
defined, 318
Coin (physical money), 27–33
payments mechanism, 90
U.S. coins, 27–29
Cold IPO markets, 283
Collateral, defined, 437
Collection
components, reduction methods, 437f
efforts, 438–440
Co-maker loans, 469
Combined leverage, defined, 535
Commerce finance companies, loans
(provision), 48
Commercial bank
composite balance sheet, 59f
demand deposits, checking accounts, 35
difficulties, 56
function, 48–49
lending, 456–460
small business credit provision, 78
Commercial banking, 48–51
intermediation activities, 49f
Commercial finance company, 461–462
defined, 461
equity position, 462
Commercial letter of credit
example. See Irrevocable commercial
letter of credit.
Commercial letter of credit, defined, 138
Commercial paper, 432, 462–464
activities, investment banking firm
dominance, 286
annualized cost, 463
defined, 33, 462
rates, T-bill rates (differences), 434f
sale, 463
Commission brokers (house brokers),
defined, 289
Commissions, 296
Common equity, cost, 521–523
Common-size balance sheets, 363r
Common-size financial statements,
defined, 363
Common-size statements, computation, 364
Common stockholders, standing,
245–246
Common stocks, 245–246
cost. See Cost of new common stock.
defined, 17, 165, 245
elements, 246f
par value, assignment, 246
Community Reinvestment Act of 1977
(CRA), 89
Companies
growth/profitability, impact, 453
success, habits, 350
Company-specific risk, 332–333
Compensating balance, defined, 457
Compensation, nonprice forms, 266
Competitive bidding, 278–279
advantages/disadvantages, 279
Composite balance sheet. See Commercial
banks
Compound inflation rate, 205
Compounding
concept, expression, 202
defined, 201
inflation/purchasing power,
implications, 203–206
intervals, frequency (increase), 220–221
semiannual compounding, usage,
220–221
usage, 201–206
Compound interest, defined, 201
Compute (CPT) function, usage, 253
Conditions, defined, 437
Conflicts of interest, elimination, 371
Congress, members (illegal activities),
156–157
Constant dividend growth model (Gordon
model), 522–523
defined, 263
usage, 263–264
Constant dividends, usage, 263
Constant payout ratio, defined, 250
Consumer Advisory Council, 80
Consumer credit, cost, 221–222
Consumer Credit Protection Act,
defined, 89
Consumer credit, usage, 178
Consumer finance companies, loans
(provision), 48
Consumer Leasing Act, 90f
Consumer Price Index (CPI), 190f
Consumer price index (CPI),
exclusion, 190
Consumption spending, GDP
proportion, 266
Contractual savings
defined, 159
organizations, careers, 9
Contributions margin, defined, 406
Controller, defined, 372
Control phase, 499
Conversion ratio, defined, 240
Convertible bond, defined, 240
Convertible preferred stock, defined, 247
Corporate bond
default risk premium (DRP), 194f
defined, 165
yields, 526f
statistical data, 527f
Corporate debt
GDP percentage, 517f
markets, orientation, 235–236
Corporate equilibrium capital, 244–249
defined, 244
Corporate governance, 369–372
agency problems, reduction, 370–372
principal-agent problem, 369–370
Corporate responsibilities, enhancement,
371–372
Corporate savings, 160–161
Corporate stockholders, advantages, 354
Corporate tax rate, changes, 106
Corporations, 350, 353–355
defined, 353
equity securities, classes, 245
financial instruments/securities,
issuance, 165
life stages, 163–164
profits, production, 160
savings process, 161
security analyst study, 372
taxable income, payment (example),
380–381
Correlation, defined, 329
Cost analyst, career, 8
Cost of capital, 519–523
business use, 525–527
calculations, current data (usage), 527
defined, 482, 516
requirement, 519–520
Cost of common equity, 521–523
Cost of debt, 520–521
Cost of going public, 281–284
Cost of goods sold (COGS), 357
increase, 421
sales increase, impact, 422r
usage, 419–422
Cost of new common stock, 523
Cost of preferred stock, 521
Cost of retained earnings
constant dividend growth model,
522–523
security market line (SML) approach, 522
Cost-push inflation, defined, 191
Cost-saving project, cash flow estimation,
509–511
total outlays, 509r
Cost-volume-profit analysis, 405–407
defined, 405
Cost-volume-profit relationships, 407f
Council of Economic Advisors (CEA),
fiscal policy formulation, 103
Countries, initial returns, 282r
Coupon interest, impact, 259
Covenants, defined, 236
Credibility, issue, 352
Credit analysis, 437
Credit analyst, career, 8
Credit bureaus, defined, 437
Credit cards, defined, 36
Credit money, defined, 32
Credit policy, change (analysis), 440r
Credit ratings, 166–167
defined, 166
Credit-reporting agencies, 437–438
Credit risk (default risk)
absence, 259
annual spreads, 260f
defined, 65, 259
Current ratio, calculation, 389
Current liabilities to total assets ratio, 453
Current liabilities, 417
Current assets to total assets ratio, 417
Debt
agreement, 234
capital, 234–244
corporate use, trends, 517–518
cost, 520–521
financing, 157
issuance, 165
management, 107
defined, 107
monetization, defined, 103
obligations, risk-free securities, 180–185
ratios
decrease, 533f
WACC, differences, 538f
rollover, 451
securities, maturity distribution, 184–185
variations, 541
Default rate, 166
Default risk (credit risk), 65, 193, 259–260
defined, 259
Default risk premium (DRP), 193–194, 200
defined, 179
demand, 259
Defensive activities, defined, 82
Deficit economic unit, defined, 23
Deficit financing
defined, 106
effects, 106
Deficits
powers, 105
reserves, defined, 113
U.S. operation, 153
Degree of combined leverage (DCL)
defined, 535
equation, example, 535–536
Degree of financial leverage (DFL), defined, 535
Degree of operating leverage (DOL), 407–409
calculation, 536
defined, 408
Delivery float, 435
Demand deposits, 32
checking accounts, 35
impact, 114
Demand-pull inflation, 191–192
defined, 191
Demand, supply (relationship), 129–131
Dent, Jr., Harry, 162–163
Deposit insurance, existence, 57
Deposit money, 32–33
Depositors, funds (protection), 56–57
Depository financial institutions, careers, 8
Depository institutions
cash/balances due, 60
deposits, expansion, 178
deregulation, 54
transactions, 115
Depository Institutions Deregulation and Monetary Control Act of 1980 (DIDMCA), 54, 84
Deposits, 63
acceptance, 50
contraction, 112–113
creation, 108–109
expansion, 111, 178
FSLIC insurance, 56
multiple expansion, 20 percent reserve ratio, 112f
offsetting/limiting factors, 112
Depreciation
basics, 381–382
capital consumption adjustment, defined, 161
defined, 360
expense, impact, 498
methods, 382
noncash expense, 496
tax shield, 498–499
defined, 498
value reduction, 358
Derivative deposit, 110
defined, 108
Derivative securities
defined, 165, 305
markets, defined, 17
Derivatives, existence (reasons), 305–306
Designated market makers (DMMs), 293
defined, 289
Development capital, flow (impact), 158
Development stage, defined, 478
Deviations, defined, 316
Direct quotation method, defined, 128
Discount rate, 519
defined, 85
net present value (NPV), relationship, 484f
policy, intention, 85
Discount rate policy, 85–86
Discount window borrowing, 85–86
Dispersion, measures, 322
Dissave, defined, 161
Distribution (normal distribution), 318f
Distribution channels, access (differences), 478
Diversification, 327
decision, 328–329
Cumulative preferred stock, defined, 247
Currency
anti-counterfeiting efforts, 31
counterfeiting, 30–31
debasing (Greek city-states), 188
demand, changes, 113–114
design changes, 31
floating, 38
flow, 113
index, U.S. dollar value (relationship), 134f
payments mechanism, 90
Currency exchange markets
defined, 127
exchange rate determination, 130f
Currency exchange rate, 127
appreciation/depreciation, 132–133
defined, 38, 128
factors, 129–132
Current account balance, defined, 143
Current assets
components, 449
composition, change, 427f
defined, 359
fixed assets, mixture, 452
management, 428–436
partial financing, 448f
Current assets to total assets ratio, 417f
Current liabilities
amounts owed, 361
defining, 360
Current liabilities to total assets ratio, 453f
Current price/par value, difference (straight-line amortization), 258
Current ratio, calculation, 389
CV. See Coefficient of variation
Cyclical variations, impact, 454

D
DaimlerChrysler, 330
Dartmouth College v. Woodward (Supreme Court decision), 353
DCF. See Discounted cash flow
Dealer, defined, 287
Dealer system, defined, 182
Debenture bonds, defined, 239
Debit cards, defined, 33
Debt
after-tax cost, calculation, 521
acceptance, 50
capital, 234–244
defined, 329
example, 330t
Dividend-paying common stock, current price, 262
Dividend payout ratio
calculation, 249
defined, 249, 529
Dividend reinvestment plans (DRIPs), defined, 249
Dividends, 249–252
dollar amount, corporate decision, 249–251
growth rates, knowledge, 265
payment strategies, problems, 250–251
timing, 250
policy, 530
Dividends per share (DPS), 358
DMMs. See Designated market makers
Documentary draft, defined, 136
Dodd-Frank Wall Street Reform and Consumer Protection Act (2010), 49, 102
defined, 55
Dollar, adoption, 27
Dollar return, calculation, 314
Domestic economies, linkage, 142
Double taxation, escape, 354
Dow Jones Industrial Average (DJIA)
basis, 296
levels
change, 293
decrease, 322
stocks, 297t
DPS. See Dividends per share
Draft (bill of exchange), defined, 136
Drafts
acceptance
Board of Governors, authorization, 140
time, 139–140
clean draft, 136
collection, bank assistance, 136
documentary draft, 136
types, 136
Drexel Burnham Lambert, bankruptcy, 194
DRP. See Default risk premium
Dual banking system, defined, 57
Dual-listed stocks, 288
Due diligence, defined, 276
Dun & Bradstreet (D&B), 438, 465
information, 26
DuPont analysis, defined, 401
Dutch auction, defined, 279
Dynamic actions, defined, 82

E
Early chartered banks, 52
Earning power, 151
Earnings before income and taxes (EBIT), 534
Earnings per share (EPS), 264, 358
tax, 358
example, 533f
EBIT/eps analysis, 531–533
defined, 531
tax, 532f
EBIT/TA, 533
Economic activity
constraint, 186
fiscal policy, impact, 105
money supply, relationship, 36–38
restraint, 106
stimulation, legislative efforts (usage), 103
Economic cycles, 162–163
Economic decisions, making, 7
Economic expansion, 175
development capital, impact, 158
Economic expectations, 162
Economic growth, 98–99
variability, 132
Economic policy objectives, 100f
defined, 101
Economic Stabilization Act of 2008, 102
Economic units, balance, 23
Economic value (reduction), depreciation (representation), 358
Economies of scale, 478
Economy
cyclical movements, 162
government, impact, 102–103
yield curves, relationship, 186
Effective annual rate (EAR)
annual percentage rate (APR), difference, 222
calculation, 458
defined, 222
Effective cost (EC), calculation, 461
Efficient capital markets, 324–327
Efficient market (informationally efficient market)
defined, 324
price reaction, 325f
Electronic check clearing mechanisms, usage, 50–51
Electronic communications networks (ECNs), 294
Electronic data interchange, 442
defined, 436
Electronic exchange rate quotes, usage, 129
Electronic funds transfers (ETFs), 89
Electronic Fund Transfer Act, 90f
Electronic payment mechanism, usage, 436
Emerging growth companies, 459
Employment, 99
Employment Act of 1946, 98
Enhancement, defined, 494
Entrepreneurial finance, defined, 7
Equal Credit Opportunity Act, 80, 90f
Equipment trust certificate, defined, 239
Equity
defined, 359
examination, 362
issuance, 165
multiplier, calculation, 394
private placements, 278
variations, 541
Equity capital
defined, 352
ratio, calculation, 66
Equity securities markets, defined, 17
Estimated spread, 244
Ethical behavior, defined, 12
Ethics, importance, 368–369
Euro, 126–127
defined, 39, 126
free float, 126
paper currency, design (difficulty), 126–127
percentage change, calculation, 132
value, decline, 132
Euro-denominated debt investments, debt investment conversion, 130
Eurodollar bonds, defined, 242
Eurodollar deposit liabilities, origin, 432
Eurodollar market, U.S. bank entry, 432–433
Eurodollars, 432–433
European Central Bank (ECB) bond purchases, 127
defined, 94
European Community (EC), 126
financial services, integration, 300
European Economic Community (EEC), 126
European Economic Union, policy makers, 101
European Monetary Union (EMU), 101
euro, free float, 126
European Union (EU), 101
defined, 126
financial crises, 127
Europe, unification, 126–127
Eurozone members
defined, 126
goods/services, demand (increase), 130
Ex ante, defined, 320
Excel
built-in financial functions, 204
RATE financial function, usage, 217
Excess reserves, defined, 83, 113
Exchange rate risk, 319–320
defined, 262, 319
Exchange rates
behavior, impact, 265
developments, 133–134
large-scale arbitrage activities, impact, 133
quotations, 128–129
Exchange rate system
fixed exchange rate system, 125
flexible exchange rate system, 126
Exchanges, competition, 294
Exercise price (strike price), defined, 306
Federal National Mortgage Association (FNMA) (Fannie Mae), 102
Federal obligations, tax status, 182
Federal Open Market Committee (FOMC), 77, 80
Federal Reserve Act of 1913, 29, 53
Federal Reserve Bank of New York, year-end interest rates, 85–86
Federal Reserve Bulletin, 80
Federal Reserve Note. See United States changes, 29–30
Federal Reserve System (Fed), 13, 100
Federal statutory debt limits, 29
Federal statutory debt limits, defined, 5
Federal tax revenue reliance, 155
Federal tax receipts/expenditures, 155–157
Federal statutory debt limits, defined, 74
FedEx, 205
FedEx air express, 205
FedEx ground, 205
FedEx same day ground, 205
Federal income taxation, 379
Federal income taxation, defined, 186
Expected cash disbursements, 425
Expected future cash flows, present value, 262
Expected rate of return, calculation, 327–328
Expected return calculation, 321
expected risk, trade-off, 333
Exporter
bank, financing, 137–138
borrowing amount, 137–138
financing, 136–138
Export-Import Bank, 140–141
defined, 140
Extendable notes, defined, 241
Extensible markup language (XML), usage, 442
External financing requirements, 404–405
External funds, amount (requirement), 405
ExxonMobil, stock price (changes), 526f, 527
Face value (par value), defined, 34
Factor
defining, 464
Factor, defini
cing usage, 442
Fair Credit Reporting Act, 90
Fair Credit Reporting Act, 202–203
Fallen angels, 238
Family business/venture, 177, 352
Foreign Corrupt Practices Act
Foreign currency, 35
Foreign Corrupt Practices Act (FCPA), 90
Foreign Fund, 205
Foreign exchange (FX), 205
Foreign exchange (FX) market, 205
Foreign Fund, 205
Foreign Investment in the United States (Foreign Investment in the United States), 205
Foreign money market, 205
Foreign Sovereigns, 205
Foreign subsidiary, 205
Foreign tax credit, 205
Foreign trade, 205
Foreign Trade (2007–2008), 22
Financial contracts, 205
Financial analyst, career, 8
Financial analysts, defined, 26, 232
demand, change, 130
historical return/risk, 314–319
marketing, 15
short-term accumulation, 161
transfer, 15–16
Financial calculators, programming, 202–203
borrowing-related cultural shift, 168
development, 134
examination, 167–168
factors, 167–168
financial institution distress, 44
U.S. central bank response, 74–75
Financial crisis-related activities, 106–107
Financial environment, 4
change, 5
defined, 5
illustration, 6f
valuation, relationship, 265–266
Financial goals, 350
Financial industry, defined, 341
example, 431f
rates, 431
defined, 88
Financial government
defining, 157
management, 107
Federal Deposit Insurance Corporation (FDIC), 88
creation, 56
Federal Deposit Insurance Corporation Improvement Act of 1991 (FDICIA), 57
Federal funds, 430–432
defined, 34
example, 431f
rates, 431
defined, 88
Federal Home Loan Bank Board (FHLBB), 56
Federal Home Loan Mortgage Corporation (FHLMC) (Freddie Mac), 102
creation, 167
defined, 74
Federal income taxation, 379
Financial leverage ratios, 387
   analysis, 392–396
   defined, 392
Financial management, careers, 8
Financial markets
   characteristics, 16
   defined, 5
   information efficient characteristic, 11
   interest rate determination, 175f
   securities pricing efficiency, finance principle, 10, 11
   types, 16–17
Financial officers, compensation, 372–373
Financial planner
   assistant, career, 9
   career, 323
Financial plans, strategy (linkage), 367
Financial planner
   assistant, career, 9
   career, 323
Financial plans, strategy (linkage), 367
Financial ratios, types, 387–400
Financial risk
   defined, 320
   effects, 534f
Financial statements, 363–364
   analysis, 386
   automobile bailout, relationship, 364–365
   provision, 355
Financial storm, government reaction, 101–102
Financial system
   characteristics, 13–14
   collapse, Fed avoidance, 185–186
   components, 14–16, 14f
   defined, 13
   financial assets
      marketing, 15
      transfer, 15–16
   financial functions, 14–16, 14f
   graphic view, 13f
   money
      creation, 14
      transfer, 15
   overview, 13–16
   requirements, 13–14
   savings
      accumulation, 15
      lending/investing, 15
Financing. See Internally generated financing
   activities, cash flows, 497
   approaches, 451
   attraction/acquisition, 350
   costs, weighted average, 520
   exporter bank, usage, 137–138
   exporter, usage, 136–138
   importer
      bank, usage, 138–140
      usage, 138–140
      mix, sales trend (impact), 454
net percent, 234f
   requirements. See External financing requirements.
short-term sources, 428
sources, 523
   cost, 250
   strategies
      example, 450f
      guidelines, 541–542
Firm
   assets, 540
   commitment underwriting, flowchart, 277f
   delaying tactics, 370
   financial strategy, execution, 367
   financing policy, 540
   goals, 365–369
   income statement, risk sources, 319f
   owner/managers, 368
   receivables, examination, 464–465
   size/age, impact, 453
   value, example, 533f
Firm-specific risk, 331, 332
First Bank of the United States, 52
First mortgage bonds, defined, 239
First USA Inc., Merrill Lynch
   ownership, 281
Fiscal policy
   defined, 100
   determination, 156
   economic effects, 105–106
   formulation, 103
   impact, 105
   makers, 156–157
   stimulation, 167–168
Fixed assets
   current assets, mixture, 452
   explanation, 360
   management, 476
   partial financing, 449f
   turnover, 391
Fixed capital, consumption, 154
Fixed charged coverage, calculation, 395
Fixed costs, 534–535
Fixed-rate mortgages
   defined, 165
   holders, benefits, 166
Flexible exchange rate, 142
   defined, 126
   system (1973–present), 126
Floats
   defined, 435
   processing, 442
   types, 435
Flotation costs, defined, 283, 523
Flotation, defined, 276
Follow-up stage, defined, 478
Ford, Gerald, 81–82
Ford Motor Company
   balance sheet, 365f
   common stock, 243
   insolveney, 365
Foreign assets, U.S. government
   ownership, 143–144
Foreign central banks, deposit levels
   (change), 116
Foreign Corrupt Practices Act
   (FCPA), 135
Foreign Credit Insurance Association
   (FCIA), credit insurance policies
   provision, 127
Foreign currency, change (calculation), 132
Foreign customers, finding, 127
Foreign exchange (FOREX)
   crossrates, 129f
   currencies, 153
   markets, defined, 17, 127
   rates, examples, 128f
   risk, management, 134–135
Foreign firms, preferred stock issuance, 247
Foreign ownership
   changes, 143
   increase (public debt securities), 184
Foreign securities, 297–298
Foreign stocks, SEC registration, 297
Foreign systems, international banking, 67–68
Forward exchange rate, defined, 129
Forward rate (FR), calculation, 131
Fourth market, defined, 294
Fractional reserve system, defined, 83, 108
Fraudulent behavior, examples, 12
Free cash flow, increase, 164
French Revolution, inflation, 189
Front running, occurrence, 289–290
Full-bodied money, 124
   defined, 27
Full-bodied U.S. coins, examples, 28f
Full Employment and Balanced Growth
   Act of 1978, 98
Funds transfer, electronic methods, 32
Future cash flows (future CF), 252
Future dividends, knowledge, 265
Futures, 305
   contracts, 306–307
   defined, 306
   U.S. exchanges, 306f
Future value (FV). See Annuity
calculation/computation, 201, 202, 488
defined, 201
determination, compounding (usage), 201–206
   equating, 209–210
   interest rate/time period, relationship, 205f
   spreadsheet solution, 203–204
   table-based solution, 204
Future value interest factor (FVIF)
   example, 204f
   value, location, 212
Future value interest factor of an annuity
   (FVIFA), example, 214f
Future value of an annuity (FVA), 212–214
Future value of an annuity due (FVAD), 226–227
Future value of an ordinary annuity (FVA),
calculation, 213

G

Garn-St. Germain Depository Institutions Act of 1982, 55
GDR. See Global depository receipt
Generally accepted accounting principles (GAAP)
defined, 355
home country accounting standards, differences, 357f
General Motors (GM)
balance sheet, 364t
common stocks, classes, 246
profitability, 365
General partnership, liability risks, 353
Generation waves, 162–163
Germany, universal banking, 68
Glass-Steagall Act of 1933, 53, 288
defined, 49
Global bonds
defined, 242
market, 242
Global depository receipt (GDR), defined, 298
Global monetary system, 124–126
Going public, cost, 281–284
Gold
certificates, issuance, 29
coins, production, 29
reserves, 153
standard
criticism, 125
defined, 124
usage, history, 124
Goods/services
direct exchange, absence, 142
imports, 153
net exports (NE), 151
nominal GDP, 37
prices, increase, 37
Goodwill, defined, 360
Gordon model (constant dividend growth model), defined, 263
Government
borrowing, impact, 179
ethical behavior, 100–101
funds, raises, 102
loanable fund role, 179
organizations, 115
policy, impact, 478
securities, credit risk (absence), 259
spending, Congress increase, 105–106
unethical behavior, 100–101
Government expenditures (GE), defined, 151
Government National Mortgage Association (GNMA) (Ginnie Mae)
creation, 167
defined, 74
Government-sponsored enterprise (GSE), 74
Gramm-Leach-Bliley Act of 1999 (GLBA), 55, 288
defined, 49
Great Depression
Banking Act of 1933, passage, 49
financial crises, impact, 125
Great Recession (2008–2009), 5
trends/events, impact, 22
U.S. central bank response, 74–75
U.S. entry, 99
Greenspan, Alan, 81–82
Gross domestic product (GDP)
calculation, 152
capital formation, 151–155
components, 151–153
consumption (2006/2009/2012), 152f
consumption spending, impact, 266
corporate debt percentage, 517f
defined, 36, 99
government budget deficits, relationship, 101
impact, 88
money supply, relationship, 118
nominal GDP, expression, 37
Gross domestic product investment (GDPI), 151
defined, 152
Gross investment, gross savings (impact), 155
Gross savings, impact, 155
Growth, changes (impact), 530–531
Growth rates
internal growth rates, 529
planning, 528–532
sustainable growth rate, 529–530
Grubman, Jack, 335

H

Hamilton, Alexander, 52
HealthSouth Corporation executives, indictment, 135
Hedge, defined, 306
High crimes and misdemeanors, 156
High employment, 99
High-tech IPOs, share price performance, 286f
High-yield bonds (junk bonds), defined, 194, 238
Historical annual returns, examination, 317–318
Historical international price movements, 188–189
Historical return/risk, 314–319. See also Assets
Holding period returns, 272
Home country accounting standards, U.S. GAAP (differences), 357f
Home currency (HC), percentage change (calculation), 133
Home Mortgage Disclosure Act, 80
Home mortgage loans, combination, 22
Home mortgages, 183
Home mortgages, interest rates, 183
Horizon risk premium, 260–261
Horizon spreads (time spreads), 260–261.

See also U.S. Treasury securities
Hot IPO markets, 283
House brokers (commission brokers), defined, 289
Housing prices, peak, 134
Humphrey-Hawkins Act, 98

I

Identification stage, definition, 478
Illegal unethical behavior, examples, 12
Impeachment, 156
Implementation stage, defined, 478
Implicit agency costs, 370
Importer
bank, financing, 138
tax example, 138–140
financing, 138–140
goods payment arrangement, 138
Income
increase, 161
levels, 161–162
employment levels, association, 162
tax rates, increase, 105
Income statement, 357–358
business risk, effects, 534f
defined, 357
example, depreciation expense (impact), 498
financial risk, effects, 534f
leverage, effects, 536f
project income statement, 496f
ratio analysis, 386–387
risk sources, 319f
Incremental after-tax cash flows, 493–494
estimation, 494
Incremental after-tax operating cash flows, 507–508, 509
example, 510f
Incremental cash flows, defined, 493
Independent brokers, defined, 289
Independent projects, defined, 476
Indifference level, 531–533
Indirect quotation
calculation, 128
method, defined, 128
Indirect transfers, usage, 23
Individual net worth, defined, 27
Individual retirement accounts (IRAs), 241
savings placement, 177
Individual saver, life stages, 163
Individuals, savings level, 163
Industrial senior debt ratings (US), distribution, 539f
Industry comparative analysis, defined, 387
Industry-specific risk, 331
Inefficient markets, price reactions, 325f
Inflation
causes, 191–192
control, 133
defined, 37, 99, 188
double-digit inflation, impact, 176
interest rate. See Compound inflation rate.
types, 191–192
Inflationary bias, 192
Inflation premium (IP), 188–192
defined, 179
expectation, 187
Informationally efficient market (efficient
market), defined, 324
Initial margin, defined, 292, 307
Initial outlays, example, 508f
Initial public offering (IPO), 203, 335
average first-day returns
(underpricing), 284f
cold IPO markets, 283
defined, 276
Facebook IPO, 284–286
going public, cost, 281–283
high-tech IPOs, share price
performance, 286f
hot IPO markets, 283
investment bank advice, 276
lock up provisions, 286
offerings, number, 284f
studies, 281–283
Initial returns, 282f
Inside information, 298–299
Insider trading law, clarity (absence), 299
Instantaneous settlement, 244
Insurance agent, career, 9
IntercontinentalExchange (ICE), NYSE
bid, 288
Interdistrict settlement, 92
Interest
annual real rate, 180
coverage, calculation, 395
quarterly compounding, 222
real rate, defined, 179
risk-free rate, defined, 180
Interest-bearing federal obligations,
average length/maturity
distribution, 184f
Interest rate (r). See Short-term interest rates
annuities, 216–218
bond prices, relationship, 260f
calculatinium/computation, 179, 457–458
cashing in, 518–519
changes, 178
defined, 174
determination, 210–212
example, 175f
effect, 178
equilibrium level, change, 174
financial calculator solution, 210
future value/time period, relationship, 205f
international factors, 179
levels, historical changes, 175–176
maturity structure, 185–188
present value/time period,
relationship, 209f
solving, 210–211, 216–217
spreadsheet solution, 210
table-based solution, 210–211
term structure, 185–188
ranking, 185f
Interest rate parity (IRP), defined, 131
Interest rate risk
defined, 65, 180, 260, 320
impact, 260–261
Intermediate-term federal obligations,
commercial bank holding, 182
Internal financing, external financing
(proportion), 232
Internal funds, long-term financing, 232
Internal growth rate, defined, 529
Internally generated financing, 404
Internal rate of return (IRR), 481, 484–488
determination, 521
misconception, 487
net present value (NPV), relationship,
487–488
Internal rate of return (IRR) method
defined, 484
International banking
defined, 67
foreign systems, 67–68
International bond market, national
boundaries, 242
International business, 134–135
ethical considerations, 135
International components, example
(2006/2009/2012), 152f
International finance, development, 124
International Monetary Fund (IMF), 92
defined, 125
evolution, 124–126
reserve position, 143
reserves credit, 153
International monetary system, 38–39,
124–126
defined, 124
International payment imbalances,
implications, 153
International trade
aids, 140–141
balances, factors, 142
International trade, financing, 135–141
International transactions
balance, 99–100
currency exchange/checkable deposits,
involvement, 38–39
financing cost, 140
goal, balance, 141–143
handling, 134–135
problem, characteristics, 142
tracking, 143
Internet
bubble, 167
usage, 441
Interstate banking, regulations
(underpricing), 284
Investment banking
defined, 48
functions, 286–287
innovations, 283
IPO questions, 277f
Investment bankers (underwriters)
competitive bidding, 278
defined, 276
originating, 276
primary market functions, 276–281
rights offerings, 278
selling, function, 279–281
shelf registration, 278
underwriting, 277–278
Investment banking
analysis, career, 9
houses, competitive bidding
(advantages/disadvantages), 279
intermediation activities, 49f
regulation, 287–288
Investment banking firms
defined, 48
functions, 286–287
innovations, 283
IPO questions, 277f
Investment-grade bonds, 238
Investment grade bonds, defined, 194
Investors
accredited investors, 278
angel investors, survey, 287
diversification, 327
ladder strategy, 243
over-optimism, 264
rates of return, determination, 203
risk averse characteristic, 193
yields, attainment, 519
Invoice processing, 442
IOUs, sale, 432
Investment
activities, cash flows, 497
bank, defined, 49
companies, classification, 327
discounting, example, 208
ethics, 335–336
example (2006/2009/2012), 152f
firms, careers, 9
job opportunities, 335–336
professional certifications, ethical
standards, 336f
research analyst, career, 8
return, calculation, 202
saving, relationship, 153–155
savings, movement, 23–24
United States, 154f
Investment bankers (underwriters)
competitive bidding, 278
defined, 276
originating, 276
primary market functions, 276–281
rights offerings, 278
selling, function, 279–281
shelf registration, 278
underwriting, 277–278
Investment banking
analysis, career, 9
houses, competitive bidding
(advantages/disadvantages), 279
intermediation activities, 49f
regulation, 287–288
Investment banking firms
defined, 48
functions, 286–287
innovations, 283
IPO questions, 277f
Investment-grade bonds, 238
Investment grade bonds, defined, 194
Investors
accredited investors, 278
angel investors, survey, 287
diversification, 327
ladder strategy, 243
over-optimism, 264
rates of return, determination, 203
risk averse characteristic, 193
yields, attainment, 519
Invoice processing, 442
IOUs, sale, 432
Investment
activities, cash flows, 497
bank, defined, 49
companies, classification, 327
discounting, example, 208
ethics, 335–336
example (2006/2009/2012), 152f
firms, careers, 9
job opportunities, 335–336
professional certifications, ethical
standards, 336f
research analyst, career, 8
return, calculation, 202
saving, relationship, 153–155
savings, movement, 23–24
United States, 154f
requirement, 182
Maturity stage, 163
MBHCs. See Multibank holding companies
Medicare, primary expenditures, 155
Medium of exchange, defined, 26
Member banks (Fed component), 77–78
Merchandise trade balance, defined, 142
Merck & Company
capital project, 479
mission, 349
Merger and acquisition (M&A) activities,
impact, 287
Merrill Lynch, sale, 44
Mexican War, 189
Microeconomic risk, 331, 332
Microsoft
Monetary Control Act, 55
Monetary base (MB), 117–118
Monetarists, beliefs, 36–37
Mode
MMMFs.
MMDA.
Mission, usage, 349–350
Mission statement, defined, 477
Mission, Objects, Goals, and Strategies
(MOGS), defined, 477
Mission statement, defined, 349
Mission, usage, 349–350
MMDA. See Money market deposit account
MMMFs. See Money market mutual funds
Modified accelerated cost recovery system
(MACRS), 382
Modified internal rate of return (MIRR),
481, 488–489
decision rule, 488
example, 489f
method, defined, 488
MOGS. See Mission, Objects, Goals,
and Strategies
Monetarists, beliefs, 36–37
Monetary base (MB), 117–118
defined, 117
Monetary Control Act, 55
Monetary policy
defined, 82
discount rate policy, 85–86
functions/instruments, 82–88
implementation, 88
importance, 141
open-market operations, 86–87
quantitative easing (QE), 87
reserve requirements, 83–84
responsibilities, overview, 82–83
Monetary system
flowchart, 25f
international monetary system, 38–39
overview, 24–26
payments mechanism, 90–92
Monetizing the debt, defined, 103
Money
creation, 14
credit money, defined, 32
defined, 26
deposit money, 32–33
devaluation (Punic Wars), 188
development, 27–33
fiat money, defined, 29
importance/functions, 26–27
representative full-bodied money,
defined, 29
standard, history, 188
transfer, 15
velocity, defined, 36
Money market deposit account (MMDA)
savings account components, 63
Money market deposit account (MMDA)
balances, 35–36
Money market mutual funds (MMMFs)
defined, 36
money, flow, 54
usage, 38
Money markets, 164
defined, 16
Money market securities, 33–34, 164
caracteristics, 33
defined, 33
types, 33f
Money multiplier (m), 117–118
defined, 117
Money supply (MS)
change, 108–113
price changes, impact, 191–192
decrease, 82
definition, broadening, 35
economic activity
psychological factor, impact, 38
relationship, 36–38
exclusions, 36
expansion, 51
increase, 82, 192
impact, 191–192
Monthly cash budget
eample, 426f
level production, 427f
Monthly cash inflows, example, 424f
Monthly cash outflows
eample, 425f
level production, 427f
Morris, Robert, 52
Mortgage-backed security, 102
default rates, increase, 167
defined, 44, 166
types, 165–167
Mortgage banking firms, defined, 48
Mortgage bonds
securing, absence, 238–239
types, 239
Mortgage loans
default rates, increase, 167
origination, 166
underwater characteristic, 44
Mortgage markets, 165–167
defined, 17, 165
developments, 168
Mortgages
analyst, career, 9
defined, 44, 164
types, 165–166
MS. See Money supply
Multibank holding companies (MBHCs),
defined, 58
Multinational companies, risk reduction/
speculation opportunities, 135
Municipal bond, defined, 165
Municipal securities, 433
Mutual funds (open-ended funds), 327
underperformance, 326f
Mutually exclusive projects, defined, 476
MVA. See Market value added

N
National Association of Securities Dealers
Automated Quotation (NASDAQ)
trading, 248, 293
impact, 294
National Banking Act of 1864, 53
National Banking Acts
payments system, 75–76
weakness, 76
National Banking System, weaknesses,
75–76
National Credit Union Administration
(NCUA), 89
National Credit Union Share Insurance
Fund (NCUSIF), deposit
protection, 56–57
National debt
amount, 107
defined, 107
National economic policy objectives,
98–100
Nations, exporting/importing, 100
NAV. See Net asset value
Near-cash accounts, usage, 38
Negative correlation, defined, 329
Negative obligation, 290
Negotiable certificate of deposit (negotiable
CD), 84, 432
defined, 33
Negotiable order of withdrawal (NOW)
accounts, 35
authorization, 54
Net asset value (NAV), 327
Net exports (NE), 151
defined, 152
Net income (reduction), depreciation
(impact), 498
Net monthly cash flows, level production, 427t
Net present value (NPV), 481–484 calculations, examples, 476, 483t, 487t, 509t, 511t computation methods, 482, 485 defined, 476 discount rates, relationship, 484f function, form, 484 internal rate of rate (IRR), relationship, 487–488 managerial flexibility/options, 493 profile, defined, 484 projects, origin, 477–478 safety margin, 492–493 spreadsheet functions, usage, 483–484 Net proceeds, example, 463 Net profit margin, calculation, 397 Net settlement facilities, 89 Net working capital calculation, 448 defined, 388, 448 question, 374 Net working capital to total assets ratio, 452f New common stock, cost, 523 Newspaper exchange rate quotes, usage, 129 New York Stock Exchange (NYSE) buying on margin, 292 going public, 283 limit order, 291 market order, 290 members, types, 289 NYSE-Euronext, 288 program trading, 293 record keeping, 292–293 securities listing, 290 transactions, 290–293 short sale, 291 stop-loss order, 291 structure, 289–294 transactions, consolidated report, 292 Nixon, Richard, 100 Nominal GDP, expression, 37 Nominal interest rate, defined, 179 Nominal risk-free interest rate, 252 Noncumulative preferred stock, defined, 247 Nondebt tax shields, usage, 537 Nondomestic bonds, risks, 262 Nonfinancial corporate savings (United States), 160t Nonmarketable government securities, defined, 183 Nonpublic firms, criterion, 368 Normal distribution, 318f Note payable, 361 Not-for-profit organizations, 115 NPV. See Net present value NWC recovery, 506–507

Odd lot, defined, 292
Offer price, defined, 277
Office of the Comptroller of the Currency (OCC), 88
Office of Thrift Supervision (OTS), 89 S&L regulation, 56 One-bank holding companies (OBHCs), 58 One-year government interest rates, usage, 131 One-year investment, present value level, 206–207 Open-ended funds (mutual funds), 327 Open-end mortgage bond, defined, 239 Open-market operations, 86–87, 115, 205 defined, 86 Federal Reserve Act of 1913, impact, 87 Operating cash flows, example, 497 Operating cycle, 417–418 calculation, 420 defined, 417 diagrams, 418f length, determination, 419–420 timeline, depiction, 417 Operating effects, financial leverage effects (combination), 534–537 Operating leverage, degree, 408 Operating profit margin, calculation, 397 Operating return on assets, calculation, 397 Operations question, 374 Opportunity cost, defined, 494 Optimum debt/equity mix, defined, 516 Option premium, defined, 308 Options, 305, 307–308 contracts, 305 defined, 307 payoff diagrams, 308–310 Option writer, defined, 308 Order bill of lading defined, 136 example, 137f Ordinary annuity, defined, 212 Ordinary taxable income, 380 Organization corporate form, 354 proprietorship form, 352 Organizational forms/financial characteristics, 351t Organization chart, finance impact, 372–374 position, 373f Organization for Economic Cooperation and Development (OECD), recommendations, 372 Originating, 276–277 Out-of-the-money, defined, 310 Overseas funds, borrowing, 234 Overseas investing, 132 Over-the-counter (OTC) exchange, 248 market, 288, 293–294 regulation, 294 stocks, trading, 293 Overvalued investment opportunities, location, 200 Owners capital, 63 equity, 361, 460 Ownership equity, 176 liquidity, 352

P
Present value interest factor of an annuity (PVIFA)
calculation, 485, 512
example, 216

Present value of an annuity, 214–216
calculation, 485
financial calculator solution, 215
spreadsheet solution, 215
table-based solution, 216

Present value of an annuity due (PVAD), 227–228

Price changes
impact, 191–192
initiation, 191
stability, 99

Price/EPS ratio, 248
Price level (PL), 37
increase, expectations, 162
Price movements, 188–192
historical international price movements, 188–189
Price-variable cost margin, 534

PricewaterhouseCoopers, 354

Primary credit, rate, 85–86
Primary deposit, defined, 108
Primary markets, defined, 16, 276
Primary reserves, defined, 64
Primary securities markets, issuance, 276–288
Prime mortgage, defined, 166
Prime rate, defined, 61, 456
Principal-agent problem, 12, 369–370
defined, 369
result, 370
Principal payment streams, 166

Principal, defined, 369
Private borrowers, crowding out (threat), 106
Private equity sales, occurrence, 278
Private party, securities (sale), 278
Private placement, defined, 276
Processing float, 435
Product differentiation, 478
Production methods, efficiency, 6
Profitability index (PI) (benefit/cost ratio), 481
defined, 490

Profitability ratios
analysis, 396–398
defined, 387, 396

Profits, comparison, 357
Program trading, defined, 293
Progressive tax rates, 379
Project analysis, data requirements, 479
income statement, 496
example, 508
operating life, cash flows, 506
rate of return, minimum, 519
safety margin, 493
stages, 505–507

Project cash flows
estimation, 493–495, 505
approaches, 495–499
initial outlay, 505
example, 508
irrelevant cash flows, 494–495
isolation, 493–495
relevant cash flows, 493–494
return, 496

shareholder benefit, 508

Proprietorship (sole proprietorship), 350–352
financial capital, 352

Prospectus, defined, 276
Public borrowing, 157
Public Company Accounting Oversight Board (PCAOB), creation, 371
Public debt
ownership, 183
securities, ownership, 183–184
Public Debt Act of 1941, 182
Public offering
bonds/stocks, 233
defined, 276
process, SEC regulation, 276
securities, sale amount, 279
Public transportation, developments, 158
Punic Wars (monetary devaluation), 188
Purchasing power, implications, 205–206
Purchasing power parity (PPP), defined, 131
Purchasing power parity, defined, 320
Putable bonds (retractable bonds), defined, 240

Put option
defined, 307
payoff diagram, 309
PV. See Present value
PVIF. See Present value interest factor
PVIFA. See Present value interest factor of an annuity

Quantitative easing (QE), 88, 518
defined, 87
monetary policy tool, 205
Quick ratio, calculation, 389

Radio frequency identification (RFID), usage, 442

RADR. See Risk-adjusted discount rate
Random walk, defined, 325
Rapid growth stage, 163
RATE (Excel) function, usage, 217
Rates of return. See Arithmetic average annual rates of return
annualization, 272
determination, 203
minimum, 519
requirement, 519–520
Ratio analysis
defined, 386
DuPont method, 400–402
Raw materials, ownership cost, 440
Reagan, Ronald, 98
Real assets, defined, 26
Real estate agent (broker), career, 9
Real estate mortgage loans
financial calculator solution, 219
monthly payments, involvement,
219–220
spreadsheet solution, 220
Real Estate Settlement Procedures Act, 90
Real estate agent (broker), career, 9
Real assets, defined, 179
Receivables
factoring, 466
inventory amount, calculation,
420–421
sales increase, impact, 422
Recession, control/prediction (absence), 321
Record keeping, 292–293
Refunding, types (determination), 107
Representative full-bodied money, 124
defined, 29
Representative full-bodied paper currency,
e.g., example, 30f
Repurchase agreement, defined, 34
Reputation
destruction, 12
importance, finance principle,
10, 12, 200
Request for proposal (RFP), usage, 511
Required rate of return, 519
Required reserves
defined, 83, 113
ratio, defined, 83, 113
Research analyst, career, 9
Reserve requirements, 55, 83–84
change, 83, 84, 116
Residual dividend policy, defined, 250
Resolution Trust Corporation (RTC),
creation, 56
Restricted stock, defined, 371
Retained earnings, 522
account, 361
Retained earnings, cost
constant dividend growth model, 522–523
security market line (SML) approach, 522
Retention rate (RR), 161, 529–530
defined, 529
Retirement outlays, primary
expenditures, 155
Retractable bonds (putable bonds),
defined, 240
Return on equity (ROE), calculation,
397, 401
Return on total assets, calculation, 397, 401
Returns
distribution, example, 318f
expected measures, 320–323
Revenue expanding project, cash flow
estimation, 507–509
Reverse split, 251
Revolutionary War
expenditures, financing, 52
inflation, 189
Revolving credit agreement (revolver),
458–459
defined, 458
effective cost, computation, 458–459
Rights offerings, 278
Risk
categories, example, 501f
considerations, 500–501
diversification, finance principle, 10–11
dynamics, 332f
economic cycles, 162–163
examples, 332f
expected measures, 320–323
measure, standard deviation, 316–319
origin, 319–320
portfolio diversification,
relationship, 331f
return, difference (finance principle), 10
sources, 319f
Risk-adjusted discount rate (RADR),
defined, 500
Risk averse investors, 193
Risk-free financial instrument, 180
Risk-free rate of interest, defined, 180
Risk-free return (RFR), 522
Risk-free securities, 180–185
Risk-weighted assets, usage, 66
Risky assets, presence, 333
Rollover risk (reinvestment rate risk),
defined, 261
Rome, historical international price
movements, 188
Round lot, 244
defined, 292
Rule 415 (SEC), 278
Rule of 72, defined, 212
S
Sales
data, example, 424f
forecasts, impact, 424
terms, 460
trend, impact, 454
Sales finance companies, installment loan
finance, 48
Salvage value, 506–507
Sarbanes-Oxley (SOX), impact, 372
Saving
credit union, impact, 54
investment, relationship, 153–155
tax structure, impact, 106
United States, 154f
Savings
accumulation, 15
corporation, life stages, 163–164
creation, 158–159
current income, relationship, 161
deficit, defined, 159
defined, 158
domestic supply, 158
economic cycles, 162–163
economic expectations, 162
factors, 161–164
foreign sources, 158
historical role, 158–159
individual saver, life stages, 163
interest rate, example, 201
lending/investing, 15
local currency, 32
maintenance, media (usage), 160
movement, 23–24
rate, increase, 160
sources, 159–161
supply, origination, 176
surplus, defined, 158
total amount, factors, 161
volume, 177–178
Savings and loan (S&L)
crisis, 55–56, 194
deposit protection, 56–57
development, 45
managements, preparation (problem), 56
OTS regulation, 56
Savings Association Insurance Fund
(SAIF), 56
Savings banks
appearance, 46
state chartering, 57
Savings-investment process
defined, 23
focus, 24
individual savers to business firms, 24f
Scenario analysis, usage, 532f
SDRs. See Special drawing rights
Seasonal production
example, 426f
level production, differences, 426–428
Seasonal sales, impact, 427f
Seasonal variation, impact, 454
Seasoned equity offerings (SEOs), 283
Secondary markets, defined, 16, 276
Secondary mortgage markets,
participants, 167
Stocks (Contd.)
- quotation, information, 248f
- quotes, reading, 248–249
- repurchases, 249–252
- returns, 328f
- reverse split, 251
- share repurchases, 252
- split, defined, 251
- U.S. Treasury bonds, relationship, 328
- valuation, 262–265
- constant dividend growth rates, usage, 263–264
- constant dividends, usage, 263–264
- risk, 265
- Stop-loss order, defined, 291
- Store of value, defined, 26
- Straight through processing (STP), 244
- Strategic plan, vision/mission (usage), 349–350
- Strategy, financial plans (linkage), 367
- Street name, 293
- defined, 245, 291
- Strengths, Weaknesses, Opportunities, and Threats (SWOT) analysis, 477
- Strike price (exercise price), defined, 306
- Strong-form efficient market, defined, 325
- Subchapter S corporation, defined, 354
- Subordinated debenture, defined, 239
- Subprime mortgage, defined, 167
- Sunk cost, defined, 494
- Supplemental Liquidity Providers (SLPs), defined, 289
- Suppliers, trade credit, 460–461
- Supply, demand (relationship), 129–131
- Surplus economic unit, defined, 23
- Surpluses, powers, 105–106
- Survival stage, 163
- Sustainable growth rate, 529–530
- defined, 529
- SWOT. See Strengths, Weaknesses, Opportunities, and Threats
- Syndicate, defined, 281
- Systematic risk (market risk), 331–332
- defined, 332
- measure, process, 343f

T
- Target capital structure, 525
- Target dividend payout policy, defined, 250
- Target weights, measurement, 524–525
- Taxable investors, drawback, 241
- Tax analyst, career, 8
- Tax-free federal obligations, issuance (termination), 182
- Tax motives, defined, 429
- Tax policy, defined, 106
- Tax rates, 379–380
- Tax risk, defined, 320
- Tax shields, usage, 537
- Technicians (chartists), defined, 326
- Technology stocks, price bubble, 5
- Technology, working capital management (relationship), 441–442
- Tech-oriented stocks, 167
- Terminal cash flows, 510–511
- Term structure
- defined, 185
- theories, 186–188
- Term to maturity, lengthening, 260
- Third market, defined, 294
- Thrift institutions, entry, 53
- Tier 1 capital, tier 2 capital (sum), 66
- Tier 1 ratio, calculation, 66, 67
- Time draft, defined, 136
- Time horizons, differences, 490–491
- Time period
- financial calculator solution, 211, 217
- future value/interest rate, relationship, 205f
- present value/interest rate, relationship, 209f
- solving, 211, 217–218
- spreadsheet solution, 211, 217
- table-based solution, 211, 218
- Time requirements
- annuities, 216–218
- determination, 210–212
- Time series analysis (trend analysis), defined, 387
- Time spreads (horizon spreads). See U.S. Treasury securities
- Time to maturity, 240–241
- Time value of money
- concepts, 201
- finance principle, 10
- Title XIII (Pay It Back Act), 102
- Token coins, defined, 28
- Token money, coins, 35
- Token (copper-nickel-clad) U.S. coins, examples, 28f
- Tombstones
- defined, 280
- example, 280f
- Too big to fail (TBTF), 102
- Total assets turnover, calculation, 391
- Total capital ratio, calculation, 66, 67
- Total debt to total assets, calculation, 393
- Total outlays, 509f
- Total risk, 535–537
- components, 332
- Toxic assets, 67, 102
- Trade balance, defined, 142
- Trade credit
- cost, 461
- defined, 438
- establishment, 460
- supplier source, 460–461
- terms, 460
- Trade discounts, defined, 460
- Trades, execution accuracy, 295
- Transactions motive, defined, 428
- Transfer payments, defined, 105
- Transmission float, 435
- Traveler’s checks, 141
- Traveler’s letter of credit, defined, 141
- Treasurer, defined, 372
- Treasury Inflation Protected Securities (TIPS), 241
- Treaty on European Union (Maastricht Treaty), 101, 126
- Trend analysis (time series analysis), defined, 387
- Troubled Asset Relief Program (TARP), 102, 107
- Troubled assets, 67, 102
- Trustee, defined, 236
- Trust indenture, defined, 236
- Trust-preferred securities, 66
- Trust receipt, defined, 140, 468
- Truth in Lending, 90f
- Truth in Lending Act (TILA), 80

U
- Underpricing, 277
- defined, 281
- Undervalued investment opportunities, location, 200
- Underwriters (investment bankers), defined, 276
- Underwriting, 277–278
- agreement, defined, 277
- firm commitment underwriting, flowchart, 277f
- Undistributed profits (earnings retained in the business), defined, 158
- Unemployment insurance program, funding, 105
- Unethical insurance program, (problems), 368
- Unit banking, defined, 58
- United States
- balance of payments (2011), 143
- bank, foreign account balance (impact), 129
- banking system
- historical development, 51–53
- pre-Fed actions, 75–76
- business organization, forms, 350–355
- central bank response, 74–75
- coins, 27–29
- currencies, counterfeiting, 30–31
- economy, small firms (importance), 7
- Federal Reserve Note, designs, 31f
- fiat U.S. paper currency, example, 30f
- financial system
- graphic view, 13f
- operation, 23
- full-bodied U.S. coins, examples, 28f
- futures exchanges, 306f
- GAAP, home country accounting standards (differences), 357t
- industrial senior debt ratings, distribution, 539f
- inflation, 189–191
control, 133
interest rates, 179
levels, historical changes, 175–176
investment, 154t
monetary system, flowchart, 25f
money, development, 27–33
money supply, measures, 34–36
national income, goods sale, 141
nonfinancial corporate savings, 160t
personal savings (2006/2009/2012), 159t
representative full-bodied paper currency, example, 30f
saving, 154t
Small Business Administration (SBA), 456, 459
stock market data, usage, 331
token (copper-nickel-clad) U.S. coins, 185
United States dollar (U.S. dollar) transactions, 116–117
tax and loan accounts, 104
refunds, 183
receipts/outlays, 104
words, 331
notes, defined, 331
loan accounts, 104
funds, deposit, 116
income payment, 104
interest costs, restraint, 107
loan accounts, 104
notes, defined, 181
policy instruments, 104–107
receipts/outlays, 104
refunds, 184
tax accounts, 104
U.S. Treasury bills defined, 33, 181
interest rates, 185
purchase, short-term return, 333
rates commercial paper rates, differences, 434f
example, 431f
sale, 430
U.S. Treasury bonds defined, 164, 182
returns, 328f
stocks, relationship, 328
U.S. Treasury securities horizon spreads (time spreads), 261f
interest rates, term structure, 185t
public debt ownership, 183t
yield curves, 186f
Usury, defined, 221

V

Valuation. See Bonds; Stocks
domestic economic influences, 266
financial environment (relationship), 265–266
global economic influences, 265
industry/competition, 266
principles, 252–254
Variable-rate mortgages, 183
Variance. See Portfolio
computation, examples, 316f, 322
defined, 316
measures, 322
risk measure, 316
Velocity of money (VM), 118
defined, 36, 118
increase, 37–38
Venture capital, financing source, 520
Venture capitalists, rates of return (determination), 203
Vision, usage, 349–350
Volcker, Paul, 81
Voluntary savings, defined, 159

W

Wachovia Bank, purchase, 44
Walgreens
arithmetic average annual rate of return, 316
asset management ratios, 393f
balance sheet, 359t, 388t
data, application, 318
DuPont analysis, 401f
financial data, 419f
financial leverage ratios, 396f
historical variance, 316
income statement, 358t, 389t
liquidity ratios, 390f
market value ratios, 399f
percent-of-sales balance sheets, 404f
profitability ratios, 398f
ratio analysis, summary, 400
returns distribution, 318f
variance computation, 316f
statement of cash flows, 362f
stock prices, 314f
behavior, 317t
Wall Street Journal, The, 149, 248
Warehouse receipt, defined, 468
War of 1812, inflation, 189
Washington Mutual, failure, 44
Weak-form efficient market, defined, 326
Weighted average cost of capital (WACC), 523–527
debt ratio, differences, 538f
target weights, measurement, 524–525
usage, 520
Weighted average cost of capital (WACC), defined, 523
Welfare payments, 105
Wells Fargo Bank
capital project, 479
Wachovia Bank, purchase, 44
Wildcat banking, 52
Window dressing, occurrence, 416
Working capital
defined, 359, 448
financing, strategies, 448–452
management
importance, 429
technology, relationship, 441–442
reduction, 416
requirements, 420–423
World Bank, defined, 125
World War I, inflation, 189
World War II, inflation, 189–190

Y

Yankee bonds, defined, 242
Year 2000 (Y2K) problem, 167
Yearly operating cash flows, estimation, 512
Yield curve, 186f
construction, U.S. government securities (usage), 185
defined, 185
differentiation, 187
economy, relationship, 186
examples, 431f
flat characteristic, 186–187
riding, 430
upward slope, 187
Yield to maturity (YTM), 520–521
calculation, 258–259
defined, 258

Z

Zero-balance account, defined, 436
Zero-coupon bonds, interest (absence), 241
Zero-coupon securities, 261