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**Capitalization Ratios**

**Figure 1.**

TOTAL VALUE OF US STOCKS (trillion dollars, nsa, ratio scale)

US Equity Issues at Market Value
- Total (60.3)
- Total Ex Foreign Issues* (51.2)
- S&P 500 Market Cap** (34.3)

* Total excluding market value of holdings of foreign corporate equities, investment fund shares, and American Depositary Receipts (ADRs) by US residents.

** Quarterly from Q1-1964 through Q4-1989, and then monthly from January 1990.

Source: Federal Reserve Board, Financial Accounts of the United States.

**Figure 2.**

FOREIGN EQUITIES HELD BY US RESIDENTS
(as percent of total market value of equities held by US residents)

* Market value of holdings of foreign corporate equities, investment fund shares, and American Depositary Receipts (ADRs) by US residents as a percent of the market value of their total equity holdings.

Source: Federal Reserve Board, Financial Accounts of the United States.
**Figure 3.**

**RATIO MARKET VALUE US EQUITIES EX FOREIGN ISSUES**

* TO AFTER-TAX CORPORATE PROFITS

* Using After-Tax Profits
  - As Reported to IRS (17.9)
  - Based on Current Production** (20.3)

** Figure 4.**

**TOBIN’S q FOR NONFINANCIAL CORPORATIONS**

(ratio)

* Ratio of the market value of equities to the net worth of corporations including real estate and structures at market value and equipment, intellectual property products, and inventories at replacement cost.
** Actual divided by average since 1952.

Note: Shaded red areas denote S&P 500 bear market declines of 20% or more. Yellow areas show bull markets.
Source: Federal Reserve Board.

Note: Shaded red areas denote S&P 500 bear market declines of 20% or more. Yellow areas show bull markets.
Source: Federal Reserve Board.
STOCK MARKET CAPITALIZATION RATIOS
(quarterly)

- S&P 500 Market Cap
  (as a ratio of S&P 500 Revenues) (2.2)
- US Equity Market Capitalization Ex Foreign Issues*
  (as a ratio of nominal GNP) (2.0)

* Total excluding market value of holdings by US residents of foreign corporate equities, investment fund shares, and ADRs.

Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.

Source: Federal Reserve Board, Bureau of Economic Analysis, and Standard & Poor’s.

Figure 5.

STOCK MARKET CAPITALIZATION RATIOS
(as a ratio of nominal GNP) (2.0)

* Total excluding market value of holdings of foreign corporate equities, investment fund shares, and American Depositary Receipts (ADRs) by US residents.

Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.

Source: Federal Reserve Board, Flow of Funds Accounts, Bureau of Economic Analysis, and Standard & Poor’s.

Figure 6.
**Figure 7.**

*S&P 500 PRICE-TO-SALES RATIO*

- S&P 500 Market Cap
  (as a ratio of S&P 500 Revenues (2.18)
- Forward P/S* (2.21)

Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.

Source: I/B/E/S data by Refinitiv and Standard & Poor’s.

**Figure 8.**

STOCK MARKET CAPITALIZATION RATIO vs S&P 500 PRICE-TO-SALES-RATIO

- US Equity Market Capitalization Ex Foreign Issues*
  (as a ratio of nominal GNP)
- Forward P/S**

Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.

Source: Federal Reserve Board, Bureau of Economic Analysis, and Standard & Poor’s.

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* S&P 500 index divided by 12-month forward consensus expected revenues per share for S&P 500.

Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.

Source: I/B/E/S data by Refinitiv and Standard & Poor’s.

** Total excluding market value of holdings by US residents of foreign corporate equities, investment fund shares, and ADRs.

** S&P 500 index divided by S&P 500 year-ahead forward analysts’ consensus expected revenues per share. Monthly through 2005, then weekly.
**S&P 500 VALUATION MEASURES**

Forward P/E* (17.2)
Forward P/S** (2.2)

* Price divided by forward consensus expected operating earnings per share. Monthly through 2005, then weekly.
** Price divided by forward consensus expected sales per share. Monthly through 2005, then weekly.

Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.

Source: I/B/E/S data by Refinitiv.

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**STOCK MARKET CAPITALIZATION RATIO & PRICE-TO-SALES-RATIO**

S&P 500 Market Cap
(as a ratio of S&P 500 Revenues) (2.18)
Forward P/S* (2.19)

* S&P 500 index divided by forward consensus expected revenues per share for S&P 500. Monthly through 2005, then weekly.

Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.

Source: I/B/E/S data by Refinitiv and Standard & Poor’s.
BUFFETT RATIO

Figure 11.

STOCK MARKET VALUATION RATIOS

- S&P 500 Market Cap (as a ratio of S&P 500 Revenues) (2.2)
- US Equity Market Capitalization Ex Foreign Issues* (as a ratio of nominal GNP) (2.0)

Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.

* Total excluding market value of holdings by US residents of foreign corporate equities, investment fund shares, and ADRs.
** S&P 500 index divided by forward consensus expected revenues or earnings per share for S&P 500. Monthly through 2005, then daily.
* S&P 500 index divided by forward consensus expected revenues or earnings per share for S&P 500. Monthly through 2005, then daily.
Note: Shaded red areas are S&P 500 bear market declines of 20% or more. Yellow areas are bull markets.
Source: I/B/E/S data by Refinitiv.
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