

# Clear for landing: Coming in steep, adjusting monetary and fiscal thrusters



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Disinflation and slower hiring open reentry window: Adj. policy mix to land softly We still expect an economic soft landing for the US with slowing growth through mid-2025 and then moderate re-acceleration to trend in late 2025. With the right balance of monetary and fiscal adjustments over the coming quarters, we see high chances for an extended healthy economic expansion of several more years. But now is the time for the pilots and flight control to carefully configure the use and sequence of their maneuvering thrusters.

The first maneuver will be rolling monetary policy. Our economists expect the first Fed rate cut later this month to be 25bp, followed by further cuts over the coming 12-months to lower the top-end of the range Fed Funds rate to 4.0%. The second maneuver should be pitching to slower fiscal policy to prevent overheating upon reentry as the Fed aims to normalize rates. Substituting Harris for Biden improved Democrat's chances this election and hence raises the chances of fiscal tightening after the election primarily in the form of tax hikes. Optimizing the balance between monetary loosening and fiscal tightening, particularly not overdoing either, is crucial to maximizing the chances for a healthy long-lasting expansion.

2024 is an election year amidst Fed pivoting: The election will be consequential Vice President Harris is campaigning on the back of many Biden policies, including tax hikes; albeit more moderate tax hikes than previously proposed by Biden, yet he never aggressively pursued. Biden's fiscal policy was basically borrow to spend and Trump's was borrow to cut taxes; of course both saw their borrowing as investments for growth. The fiscal situation today and trajectory, call for a slower pace of borrowing and addressing the spending vs. tax tradeoff. Both US politics and difficult to control secular trends suggest that counting on spending cuts is mere long-shot optimism, especially for the bond market and monetary policy setters. Thus, it might be that a proper soft landing of monetary policy with no recession near-term and also with inflation returning to and being well anchored at 2% requires some tax hikes. We don't see this as the best possible path, but it might be the safer path ahead, bringing slow growth with benign inflation and benign interest rates. Harris proposes a 28% US corporate tax rate from 21%, which would likely hit S&P EPS by about 7%. She also calls for an increase in the top capital gains rates to 28% from 20% and an increase in the Affordable Care Act's tax on investment income from 3.8% to 5%. When Trump personal tax rates sunset, Harris will push for a more progressive structure.

Slow global growth ahead: What if the US sneezes or catches a cold?

Beyond the US, economic activity is muted but not falling off the cliff. Unlike the past 20 years, China is no longer the locomotive for the global economy; quite the opposite: hit by its housing downturn and weak domestic demand. China is exporting its manufacturing overcapacities into Europe and worldwide. Weak China construction, coupled with soft global manufacturing and goods demand, suggests that commodities and goods will not be major inflation risks barring no further geopolitical shocks. Services remain the lingering inflation risk for the developed world and especially the US. Key service spending categories like healthcare, insurance, education/childcare, etc. Also, ongoing utilities and local tax hikes make cost of shelter an issue beyond monthly rent or home price/mortgages payments. Investors remain optimistic about profitable and productivity driving AI to help.

DWS CIO Day strategic 12-month targets: S&P 500 to 5800, 10yr Tsy Yld to 4% We raise our S&P 500 target to 5800 from 5600 primarily on lower nominal and real interest rate expectations across the curve, while still expecting soft landing scenarios to prevail. We lowered our 10yr Treasury yield target to 4.05% from 4.25% and thus lowered our S&P real cost of equity to 5.4% from 5.5%. We did not change our S&P EPS forecasts: \$245 in 2024, \$270 in 2025, \$300 in 2026. However, our S&P targets do not ignore the potential for tax hikes hitting our EPS estimates or affecting our interest rate outlook which is uncertain. Inside are our profit and valuation models for the S&P 500 down to industries.

Cautious on stocks into election, afterward moderate gains and better breadth Our preferences remain for large caps and balanced style exposure. While we expect better breadth beyond the magnificent seven, we do not see either an economic acceleration or commodity or banking outlook that would justify a rotation to cyclical value. Our preferences remain Health Care, big Banks and Insurance, Utilities and select Capital Goods. We're still under-weight Tech, but mostly at Semiconductors. We are broadly more cautious on Consumer Discretionary upon slower growth, jobs and likely tax hikes ahead.

Contributor: Ju Wang, Equity Portfolio Manager

| Global Equity Index Forecasts: 12-months |              |                |              |  |  |  |  |  |
|--|--------------|----------------|--------------|--|--|--|--|--|
| Index                                    | Sep<br>2025F | NTM EPS Growth | Target<br>PE |  |  |  |  |  |
| S&P 500                                  | 5,800        | 10.7%          | 21.6         |  |  |  |  |  |
| EuroStoxx 50                             | 5,100        | 4.1%           | 13.7         |  |  |  |  |  |
| Stoxx 600                                | 540          | 4.9%           | 14.2         |  |  |  |  |  |
| MSCI Japan                               | 1,760        | 8.4%           | 15.4         |  |  |  |  |  |
| MSCI Asia xJ                             | 740          | 12.7%          | 14.2         |  |  |  |  |  |
| MSCI EM                                  | 1,140        | 13.0%          | 13.2         |  |  |  |  |  |

| S&P 500 Outlook at Yearend |       |       |       |  |  |  |  |  |
|----------------------------|-------|-------|-------|--|--|--|--|--|
|                            | 2022  | 2023  | 2024F |  |  |  |  |  |
| S&P 500                    | 3840  | 4770  | 5400  |  |  |  |  |  |
| Dividend Yield             | 1.75% | 1.50% | 1.50% |  |  |  |  |  |
| S&P EPS                    | \$222 | \$223 | \$245 |  |  |  |  |  |
| Trailing PE                | 17.3  | 21.5  | 21.6  |  |  |  |  |  |
| DPS                        | \$67  | \$70  | \$76  |  |  |  |  |  |

Next 5%+ Price Move ( Up / Balanced Risk / Down )

Risk of 10%+ correction within 12-months

(Low / Moderate / High)

| Taxable U.S. Investor Asset Allocations |           |         |  |  |  |  |  |  |  |
|---|-----------|---------|--|--|--|--|--|--|--|
| Asset Class                             | Long-term | Current |  |  |  |  |  |  |  |
| Fixed Income/cash                       | 31.5%     | 30%     |  |  |  |  |  |  |  |
| Equities                                | 58.5%     | 58%     |  |  |  |  |  |  |  |
| US Equities                             | 41%       | 38.5%   |  |  |  |  |  |  |  |
| S&P 500                                 | 37%       | 36%     |  |  |  |  |  |  |  |
| Small Caps                              | 4%        | 2.5%    |  |  |  |  |  |  |  |
| Foreign DM                              | 12.5%     | 14.5%   |  |  |  |  |  |  |  |
| Foreign EM                              | 5%        | 5%      |  |  |  |  |  |  |  |
| Alternatives                            | 10%       | 12%     |  |  |  |  |  |  |  |

| Key CIO Views          |                 |             |  |  |  |  |  |  |  |
|------------------------|-----------------|-------------|--|--|--|--|--|--|--|
| Macro signal:          | Sep 2025F       |             |  |  |  |  |  |  |  |
| U.S. Fed Funds rate    | 5.25%-<br>5.50% | 3.75%-4.00% |  |  |  |  |  |  |  |
| 10yr Treasury yield    | 3.75%           | 4.05%       |  |  |  |  |  |  |  |
| US IG Corp Spreads     | 120bp           | 85bp        |  |  |  |  |  |  |  |
| US High Yield Spreads  | 380bp           | 375bp       |  |  |  |  |  |  |  |
| Crude Oil (WTI) \$/bbl | 68              | 80          |  |  |  |  |  |  |  |
| EUR / USD FX rate      | 1.11            | 1.08        |  |  |  |  |  |  |  |

| GDP Forecasts |      |       |       |  |  |  |  |  |  |
|---------------|------|-------|-------|--|--|--|--|--|--|
| Region        | 2023 | 2024F | 2025F |  |  |  |  |  |  |
| US            | 2.5% | 2.4%  | 1.7%  |  |  |  |  |  |  |
| World         | 3.2% | 3.1%  | 3.2%  |  |  |  |  |  |  |
| Euro area     | 0.5% | 0.7%  | 1.0%  |  |  |  |  |  |  |
| China         | 5.2% | 4.8%  | 4.4%  |  |  |  |  |  |  |
| Japan         | 1.7% | 0.0%  | 1.2%  |  |  |  |  |  |  |

<sup>\*</sup> Q4/Q4 GDP growth.

EPS = Earnings Per Share; GDP = Gross Domestic Product
FX = Foreign Exchange; TIPs – Treasury Inflation Protected Securities
Source: DWS Investment Management GmbH. All opinions and claims
are based upon data on 9/9/2024 and may not come to pass. This
information is subject to change at any time, based upon economic,
market and other considerations and should not be construed as a
recommendation. All foreign asset exposures are not FX hedged
unless otherwise noted. For illustrative purposes only. Past
performance may not be indicative of future results. Diversification
neither assures a profit nor guarantees against loss. Forecasts are not
a reliable indicator of future returns. a reliable indicator of future returns



# **S&P 500 Sector and Industry views**

|           | Market  | Allocated | Sector           | 2022  | 2023 | 2024 | Overweight                       | 2022 | 2023 | 2024 | Equal weight   | 2022        | 2023         | 2024        | Underweight                      | 2022  | 2023 | 2024     | 4   |
|-----------|---------|-----------|------------------|-------|------|------|----------------------------------|------|------|------|--|-------------|--------------|-------------|----------------------------------|-------|------|----------|-----|
| Over-     | 12.1%   | 17.1%     | Health Care      | 18.7  | 23.4 | 21.0 | Biotechnology                    | 14.8 | 20.4 | 23.0 | Health Care Providers & Services                         | 18.5        | 17.4         | 16.7        | Life Sciences Tools & Services   | 25.9  | 30.4 | 30.4     | 4   |
| weight    |         |           |                  |       |      |      | Health Care Equipment & Supplies | 27.6 | 27.7 | 25.8 |  |             |              |             |                                  |       |      | l        | -   |
| o.g       |         |           |                  |       |      |      | Pharmaceuticals                  | 16.3 | 27.5 | 19.4 |  |             |              |             |                                  |       |      | Ш        | ┛   |
|           | 13.0%   | 14.6%     | Financials       | 20.3  | 18.3 | 17.0 | Banks                            | 13.6 | 11.7 | 12.3 | Financial Services                                       | 31.1        | 27.2         | 24.3        | Capital Markets                  | 21.9  | 22.8 | 19.      |     |
|           |         |           | _                |       |      |      | Insurance                        | 22.7 | 18.7 | 15.2 |  |             |              |             | Consumer Finance                 | 12.9  | 14.7 | 14.0     | 0   |
|           | 3.6%    |           | Enerav           | 8.3   | 11.2 |      | Energy Equipment & Services      | 19.7 | 13.3 | 11.7 |  | 7.9         | 11.1         | 13.0        |                                  |       |      | —        | 4   |
|           | 2.4%    | 3.4%      | Utilities        | 21.8  | 20.5 | 18.6 | Electric Utilities               | 23.1 | 20.8 | 18.7 |  | 22.8        | 20.3         | 18.3        |                                  |       |      | l        | 1   |
|           |         |           |                  |       |      |      |                                  |      |      |      | Independent Power & Renewable E<br>Multi-Utilities       | 9.7<br>19.3 | 8.7<br>20.0  | 7.5<br>18.8 |                                  |       |      | l        |     |
|           |         |           |                  |       |      |      |                                  |      |      |      | Water Utilities  | 32.5        | 29.1         | 26.2        |                                  |       |      | l        |     |
|           | 8.9%    | 0.70/     | Communication    | 00.5  | 22.5 | 40.0 | Entertainment                    | 83.3 | 33.7 | 52.0 | Diversified Telecommunication Sen                        | 8.0         | 8.7          | 9.4         | Media                            | 11.3  | 11.1 | 11.      | 1   |
|           | 8.9%    | 9.7%      |                  | 28.5  | 22.5 | 19.9 |                                  |      |      |      |  |             |              |             | iviedia                          | 11.5  | 11.1 |          | 1   |
|           |         |           | Services         |       |      |      | Interactive Media & Services     | 40.0 | 28.5 |      | Wireless Telecommunication Service                       | 93.7        | 28.0         | 21.3        |                                  |       |      | <b>—</b> | _   |
| Equal-    | 8.3%    | 8.3%      | Industrials      | 28.3  | 24.2 | 22.7 | Aerospace & Defense              | 42.9 | 38.9 | 29.8 | Construction & Engineering                               | 39.1        | 35.7         | 29.7        | Air Freight & Logistics          | 12.2  | 17.0 | 17.0     | 0   |
| weight    |         |           |                  |       |      |      | Electrical Equipment             | 27.9 | 27.9 | 22.3 | Industrial Conglomerates                                 | 17.8        | 14.4         | 19.9        | Building Products                | 23.5  | 29.3 | 22.0     | 6   |
|           |         |           |                  |       |      |      | Passenger Airlines               | 17.2 | 6.4  | 7.8  | Machinery  | 22.1        | 17.6         | 17.8        | Commercial Services & Supplies   | 43.2  | 44.5 | 35.2     | 2   |
|           |         |           |                  |       |      |      |                                  |      |      |      |  |             |              |             | Ground Transportation            | 63.2  | 30.3 | 27.      | .5  |
|           |         |           |                  |       |      |      |                                  |      |      |      |  |             |              |             | Professional Services            | 32.3  | 30.4 | 27.      | 7   |
|           |         |           |                  |       |      |      |                                  |      |      |      |  |             |              |             | Trading Companies & Distributors | 27.3  | 22.7 | 21.0     | - 1 |
|           | 0.00/   | 4 =0/     |                  | 40.0  | 00.0 | 04.0 |                                  |      |      |      | Chemicals  | 47.0        | 00.4         | 00.0        | Construction Materials           |       |      |          | _   |
| Under-    | 2.2%    | 1.7%      | Materials        | 16.0  | 20.6 | 21.9 |                                  |      |      |      |  | 17.8<br>9.3 | 22.4         |             |                                  | 43.4  | 29.6 | 27.      | - 1 |
| weight    | 0.00/   | F F0/     | 0 0 1            | 00.0  | 00.7 | 04.0 | D                                | 00.0 | 04.0 | 00.7 | Metals & Mining  | 9.3<br>27.9 | 14.3         |             | Containers & Packaging           | 16.0  | 19.2 | 21.      | _   |
|           | 6.0%    | 5.5%      | Consumer Staples | 23.9  | 22.7 | 21.2 | Beverages Personal Care Products | 26.9 | 24.2 | 22.7 | Consumer Staples Distribution & Re<br>Household Products | 31.3        | 26.8<br>28.8 | 22.5        |                                  | 16.2  | 16.0 | 15.4     |     |
|           | 0.007   | 4.00/     | D 15             | 00.0  | 00.0 | 40.7 |                                  | 47.7 | 21.3 |      | Household Products Hotel & Resort REITs                  |             |              |             | Food Products                    | 15.4  | 16.4 | 16.9     | _   |
|           | 2.3%    | 1.2%      | Real Estate      | 20.3  | 20.0 | 18.7 | Specialized REITs                | 21.1 | 21.0 | 20.1 |  | 9.3         | 8.9          |             | Health Care REITs                | 22.4  | 29.4 | 18.0     |     |
|           |         |           |                  |       |      |      |                                  |      |      |      | Industrial REITs   | 24.7        | 22.5         |             | Residential REITs                | 20.7  | 19.3 | 18.      |     |
|           |         |           |                  |       |      |      |                                  |      |      |      | Office REITs   | 9.9         | 4.7          |             | Real Estate Mgmt. & Development  | 29.0  | 39.3 | 41.      | 1   |
|           |         |           |                  | 40.0  | 00.0 | 05.0 |                                  | 40   | 10.1 | 40.0 | Retail REITs   | 14.9        | 14.6         | 13.2        |                                  |       | 05.4 | L        | _   |
|           | 9.7%    | 6.3%      | Consumer         | 40.2  | 28.3 | 25.3 | Automobile Components            | 13   | 12.1 | 10.2 | Distributors   | 15          | 15.1         |             | Automobiles                      | 23    | 25.1 | 27.0     | - 1 |
|           |         |           | Discretionary    |       |      |      |                                  |      |      |      | Hotels Restaurants & Leisure                             | 64.1        | 22.5         | 21.3        |                                  | 13.7  | 13.9 | 14.4     | - 1 |
|           |         |           |                  |       |      |      | -                                |      |      |      | Leisure Products   | 14.9        | 23.1         |             | Broadline Retail                 | -2043 | 54.2 | 34.      | 3   |
|           |         |           | Automobiles      | 23.4  | 25.1 | 27.6 |                                  |      |      |      | Textiles Apparel & Luxury Goods                          | 22.1        | 28.8         | 21.3        | Multiline Retail                 |       |      |          |     |
|           |         |           | Broadline Retail | -2043 | 54.2 | 34.3 |                                  |      |      |      |  |             |              |             | Specialty Retail                 | 22.9  | 24.2 | 23.9     | 9   |
|           |         |           | CD ex Auto &     | 27.1  | 21.9 | 20.9 |                                  |      |      |      |  |             |              |             |                                  |       |      | <u> </u> | ╛   |
|           | 31.7%   | 27.5%     | Information      | 37.8  | 36.4 | 30.6 | Software                         | 43.3 | 37.4 | 32.7 | Communications Equipment                                 | 19.8        | 18.0         | 18.0        | Electronic Equipment             | 19.3  | 22.8 | 20.2     | 2   |
|           |         |           | Technology       |       |      |      | IT Services                      | 25.4 | 22.9 | 22.0 | Technology Hardware Storage & Pe                         | 34.1        | 34.9         | 31.1        | Semiconductors                   | 43.8  | 44.6 | 32.      | .1  |
| Aggregate | PE: DWS | View      |                  |       |      |      | Overweight                       | 25.6 | 24.4 | 21.8 | Equalweight  | 20.2        | 20.7         |             | Underweight                      | 30.1  | 29.2 | 25.      | _   |
|           | S&P 500 | -         |                  |       |      |      |                                  | 5408 |      |      | 2022, 2023& 2024 EPS                                     | 218.85      | 223.00       |             | 2022, 2023 & 2024 PE             | 24.7  | 24.3 | 22.      |     |
|           |         |           |                  |       |      |      |                                  |      |      |      | Bottom-up Consensus EPS                                  | 218.85      | 222.69       | 245.59      | Bottom-up Cons. PE               | 24.7  | 24.3 | 22.0     | _   |
|           |         |           |                  |       |      |      |                                  |      |      |      |  |             |              |             | 2022, 2023 & 2024 Ex Energy PE   | 25.3  | 25.3 | 22.8     |     |
| 1         |         |           |                  |       |      |      |                                  | l    |      |      |  |             |              |             | Btm-up Cons. Ex Energy PE        | 26.7  | 25.2 | 22.8     | 8   |

| Sector OW   | 9.30%   |
|-------------|---------|
| Sector UW   | -9.30%  |
| Industry OW | 18.68%  |
| Industry UW | -18.68% |

| made y e tr              | -18.08/6 |
|--------------------------|----------|
| Macro tilts:             |          |
| Cyclicals                | -3.26%   |
| Defensive                | 3.25%    |
| Value (Financial+Energy) | 3.13%    |
| Growth                   | 2.16%    |
| Growth ex Health Care    | -2.31%   |
| Consumer                 | -4.32%   |
| Services/experience      | -0.37%   |
| Disc. Goods              | -3.04%   |
| Retailing                | -1.58%   |
| Durables                 | -1.46%   |
| Staples Goods/Retail     | -0.91%   |
| Commodity                | 1.16%    |
| Energy                   | 1.26%    |
| Metals/Chemicals         | -0.10%   |
| Capex                    | 6.88%    |
| Capacity additions       | 3.35%    |
| Productivity             | 3.53%    |
| Health Care              | 4.47%    |
| Innovation               | 4.09%    |
| Marketers                | 1.95%    |
| Insurers                 | -0.26%   |
| Financials               | 1.87%    |
| Up rates/low spreads     | 0.11%    |
| Capital Markets          | -0.33%   |
| Insurance                | 2.09%    |
| Bond Substitutes         | -0.51%   |
| Weak FX \$ plays         | -0.58%   |
| High R&D plays           | 2.74%    |
| Transports               | -0.85%   |
| Geopolitical risk        | 1.81%    |
| Weak oil prices          | -1.13%   |
| Inflation shock          | 0.31%    |
| Stagflation Protection   | 4.17%    |
| Domestic GDP             | -3.23%   |
| Global GDP               | -5.58%   |
| Consumer TMT             | -0.67%   |
| Trade sensitive          | -2.65%   |

Recent changes: Communication Equipment moved from OW to EW, Software from EW to OW, Food Products from EW to UW, Industrial REITS from UW to EW. More details on sector earnings forecast and sector intrinsic valuation can be found towards the back of this note.

Price as of 9/6/2024

Source: DWS Investment Management GmbH. Past performance may not be indicative of future results.

# DWS Strategic CIO View: Overview of strategic forecasts - Fixed Income, FX, Equity & Commodities

| Fixed Income          |                                   | Strategic<br>Forecast<br>Jun-24 | Current<br>level | 12 m<br>forwards | Strategic<br>Forecast<br>Sep-24 | Forecast change | Expected<br>12 m Total<br>Return | 10 yr Total<br>Return<br>(p.a.) ⁴ | Benchmark Ra                                       | ates     |
|-----------------------|-----------------------------------|---------------------------------|------------------|------------------|---------------------------------|-----------------|----------------------------------|-----------------------------------|--|----------|
|                       | Market Index                      | Target<br>Jun-25                | 4-Sep-24         | 4-Sep-24         | Target<br>Sep-25                |                 |                                  |                                   |  |          |
| Forecasts - US        |                                   | Ouii-E o                        |                  |                  | 00p-20                          |                 |                                  |                                   | Forecasts – Benchma                                |          |
| UST 2yr               | US 2y yield                       | 4.15%                           | 3.84%            | 3.41%            | 3.60%                           | <b>u</b>        | 3.70%                            | 4.20%                             | United States Eurozone                             | Fe       |
| UST 10yr              | US 10 y yield                     | 4.25%                           | 3.82%            | 3.83%            | 4.05%                           | u               | 2.81%                            | 4.76%                             | United Kingdom                                     | Re       |
| UST 30yr              | US 30y yield                      | 4.55%                           | 4.11%            | 4.09%            | 4.15%                           | u               | 3.77%                            | 4.94%                             | Japan  | 0/       |
| •                     | Taxable Muni Index OAS            | 75                              | 70               | 4.0070           | 75                              | <b>→</b>        | 2.42%                            | 3.81%                             | China  | 1y       |
| M unicipals           |                                   |                                 |                  |                  |                                 |                 |                                  |                                   | Equities Forecasts – Equity                        |          |
| US IG Corp            | BarCap US Credit                  | 80 bp                           | 91bp             |                  | 85 bp                           | 7               | 3.72%                            | 5.18%                             | US Legalty   | S8       |
| US HY <sup>1</sup>    | Barclays US HY                    | 400 bp                          | 316 bp           |                  | 375 bp                          | 7               | 3.93%                            | 6.08%                             | Germany  | DA       |
| Securitized / MBS     | MBS Index OAS                     | 120 bp                          | 141bp            |                  | 120 bp                          | <b>→</b>        | 4.11%                            | 4.63%                             | Eurozone   | Eu<br>St |
| Forecasts - Europe    |                                   |                                 |                  |                  |                                 |                 |                                  |                                   | Europe<br>Japan                                    | M        |
| Schatz 2yr            | GER 2y yield                      | 2.50%                           | 2.34%            | 1.84%            | 2.00%                           | 7               | 2.25%                            | 2.50%                             | SMI  | SN       |
| Bund 10yr             | GER 10y yield                     | 2.60%                           | 2.23%            | 2.22%            | 2.25%                           | u               | 2.91%                            | 2.22%                             | UK   | FT       |
| Bund 30yr             | GER 30y yield                     | 2.80%                           | 2.47%            | 2.46%            | 2.50%                           | u               | 2.10%                            | 3.19%                             | Emerging Markets Asia ex Japan                     | MS<br>MS |
| Gilt 10yr             | UK 10 y yield                     | 4.20%                           | 3.95%            | 3.95%            | 4.00%                           | u               | 4.24%                            | 4.47%                             | Australia  | MS       |
| EUR IG Corp           | ICE BofA Bond Index               | 95 bp                           | 116 bp           |                  | 95 bp                           | <b>→</b>        | 4.90%                            | 3.55%                             | Alternatives                                       |          |
| EUR HY <sup>1</sup>   | M L EUR Non-Fin HY                | 400 bp                          | 367 bp           |                  | 400 bp                          | <b>→</b>        | 4.56%                            | 5.25%                             | Forecasts - Commod                                 | dities   |
| LOKTII                | Constr. Index                     | 400 00                          | 007.00           |                  | 400 00                          |                 | 4.00%                            | 0.2070                            | Gold - Spot  | Go       |
| Securitized / Covered | iBoxx Covered                     | 50 bp                           | 62 bp            |                  | 50 bp                           | <b>→</b>        | 4.07%                            | 3.15%                             | Gold - Futures                                     | Go       |
| Italy 10 yr3          | GTITL10Y Corp -<br>GTDEM 10Y Corp | 180 bp                          | 144 bp           | 158 bp           | 180 bp                          | <b>→</b>        | 1.64%                            | n/a                               | Oil - Spot <sup>2</sup> Oil - Futures <sup>2</sup> | Br<br>Br |
| Forecasts - AsiaPac   |                                   |                                 |                  |                  |                                 |                 |                                  |                                   | Carbon Real Estate & Infrasti                      | Ca       |
| JGB 2yr               | JPN 2y yield                      | 0.70%                           | 0.38%            | 0.45%            | 0.70%                           | <b>→</b>        | 0.20%                            | 0.69%                             | Listed US RE (LC)                                  | ructure  |
| JGB 10yr              | JPN 10y yield                     | 1.40%                           | 0.88%            | 1.09%            | 1.40%                           | <b>→</b>        | -2.42%                           | 0.85%                             | Non-Listed US RE (L                                | ,        |
| Asia Credit           | JACI Index                        | 200 bp                          | 132 bp           |                  | 125 bp                          | u               | 5.62%                            |                                   | Listed Global RE (LC<br>Non-Listed European        | ,        |
| Forecasts - Global    |                                   |                                 |                  |                  |                                 |                 |                                  |                                   | Non-Listed APAC R                                  |          |
| EUR vs USD            | EUR/USD                           | 1.08                            | 1.11             |                  | 1.08                            | <b>→</b>        | -3.61%                           | -                                 | Non-Listed Global R                                |          |
| USD vs JPY            | USD/JPY                           | 150                             | 145              |                  | 140                             | <u>u</u>        | 0.47%                            | -                                 | Listed Infrastructure Non-Listed Infrastruc        |          |
| EUR vs JPY            | EUR/JPY                           | 162                             | 160              |                  | 157                             | Z Z             | 0.56%                            | -                                 | ¹US HY default r                                   |          |
| EUR vs GBP            | EUR/GBP                           | 0.85                            | 0.84             |                  | 0.84                            | u               | -1.86%                           | -                                 | default rate: 2.7                                  |          |
| GBP vs USD            | GBP/USD                           | 1.27                            | 1.31             |                  | 1.34                            | 7               | 2.37%                            | -                                 | calculate expect                                   | •        |
| USD vs CNY            | USD/CNY                           | 7.35                            | 7.1              |                  | 7.15                            | <b>u</b>        | 2.17%                            | -                                 | 10yr is -1.26% //                                  |          |
|                       |                                   |                                 | 397 bp           |                  | 390 bp                          | <b>→</b>        | 6.88%                            | 7.37%                             |  |          |

|                      | Market Index          | Target<br>Jun-25 | 4-Sep-24  | Target<br>Sep-25 |          |        |       |
|----------------------|-----------------------|------------------|-----------|------------------|----------|--------|-------|
| Forecasts – Benchmar | k rates               |                  |           |                  |          |        |       |
| United States        | Federal funds rate    | 4.50-4.75        | 5.25-5.50 | 3.75-4.00        | 7        |        |       |
| Eurozone             | Deposit rate          | 3.00             | 3.75      | 2.50             | 7        |        |       |
| United Kingdom       | Repo rate             | 4.25             | 5.00      | 3.75             | 7        |        |       |
| Japan                | O/N Call Rate         | 0.50             | 0.25      | 0.75             | 7        |        |       |
| China                | 1 year lending rate   | 3.10             | 3.35      | 3.10             | <b>→</b> |        |       |
| Equities             |                       |                  |           |                  |          |        |       |
| Forecasts – Equity   |                       |                  |           |                  |          |        |       |
| US                   | S&P 500               | 5,600            | 5,516     | 5,800            | 7        | 6.55%  | 6.10% |
| Germany              | DAX                   | 19,600           | 18,607    | 20,000           | 71       | 7.48%  | 5.44% |
| Eurozone             | Eurostoxx 50          | 5,100            | 4,852     | 5,100            | <b>→</b> | 8.52%  | 5.49% |
| Europe               | Stoxx 600             | 530              | 515       | 540              | 7        | 8.33%  | 6.31% |
| Japan                | M SCI Japan           | 1,760            | 1,686     | 1,760            | <b>→</b> | 6.70%  | 3.96% |
| SMI                  | SMI                   | 11,900           | 12,184    | 12,350           | 7        | 4.36%  | 6.85% |
| UK                   | FTSE 100              | 8,200            | 8,264     | 8,350            | 7        | 4.85%  | 7.74% |
| Emerging Markets     | M SCI EM              | 1,100            | 1,090     | 1,140            | 7        | 7.47%  | 7.60% |
| Asia ex Japan        | MSCI AC Asia ex Japan | 710              | 698       | 740              | 7        | 8.58%  | 7.73% |
| Australia            | MSCIAustralia         | 1.500            | 1.626     | 1,550            | 7        | -0.97% | 7.88% |

Strategic

Forecast

Sep-24

Strategic

Forecast

Jun-24

10 yr Total

Return

(p.a.)⁴

Expected

12 m Total

Return

#### es

| Forecasts - Commod                      | ities   |       |       |       |          |        |       |  |  |
|---|---|-------|-------|-------|----------|--------|-------|--|--|
| Gold - Spot                             | Gold Spot                                     | 2,600 | 2,484 | 2,810 | 7        | -      | n/a   |  |  |
| Gold - Futures                          | Gold 12m Futures                              | -     | 2,589 | -     |          | 8.54%  | 1.19% |  |  |
| Oil - Spot <sup>2</sup>                 | Brent Spot                                    | 80    | 73    | 80    | <b>→</b> | -      | n/a   |  |  |
| Oil - Futures <sup>2</sup>              | Brent 12m Futures                             | -     | 71    | -     | -        | 12.09% | 8.17% |  |  |
| Carbon                                  | Carbon 12 m Futures                           | 80    | 67    | 80    | <b>→</b> | 19.53% |       |  |  |
| Real Estate & Infrastru                 | ucture  |       |       |       |          |        |       |  |  |
| Listed US RE (LC)                       |   |       |       |       |          | 8.50%  | 5.32% |  |  |
| Non-Listed US RE (LC                    | C)  |       |       |       |          | 6.00%  | 4.23% |  |  |
| Listed Global RE (LC)                   | 1   |       |       |       |          | 8.00%  | 4.88% |  |  |
| Non-Listed European                     | RE (LC)                                       |       |       |       |          | 8.00%  | 4.12% |  |  |
| Non-Listed APAC RE                      | (LC)  |       |       |       |          | 4.75%  | 3.89% |  |  |
| Non-Listed Global RE (LC) 6.55% 4.12%   |   |       |       |       |          |        |       |  |  |
| Listed Infrastructure (LC) 8.50 % 7.92% |   |       |       |       |          |        |       |  |  |
| Non-Listed Infrastruct                  | Non-Listed Infrastructure (LC) 11.10 % 13.17% |       |       |       |          |        |       |  |  |

ult rate: 2.75%, 40% recovery, CCC average price of 80 used (instead of par); EUR HY 2: 2.75%, 40% recovery; EM Sov default rate 2%, 50% recovery; // <sup>2</sup>Oil-Futures used to rpected TR; forecasts are made on Brent-Spot // <sup>3</sup>Total return. Excess return for Italy 5% // <sup>4</sup>LTCMA forecasts for Gold and Oil based on futures

Source: Factset, DWS Investment GmbH as of September 2024. Past performance may not be indicative of future results. Forecasts are not a reliable indicator of future returns. Forecasts are based on assumptions, estimates, views and hypothetical models or analyses, which might prove inaccurate or incorrect.

#### **DWS Global Macro Forecasts**

#### **GDP Growth Rate** -

% year-on-year average

|       | 2023 | 2024F     | 2025F     | Consensus<br>2024 (BBG) |
|-------|------|-----------|-----------|-------------------------|
| World | 3.2  | 3.1       | 3.2       | 3.0                     |
| U.S.  | 2.5  | 2.4 (2.0) | 1.7 (1.6) | 2.5 (2.3)               |
| EUZ   | 0.5  | 0.7       | 1.0 (1.1) | 0.7                     |
| GER   | -0.1 | 0.1 (0.4) | 1.0 (1.2) | 0.1 (0.2)               |
| UK    | 0.1  | 1.0 (0.7) | 1.2 (1.3) | 1.0 (0.5)               |
| Japan | 1.7  | 0.0 (0.0) | 1.2 (1.4) | 0.1 (0.6)               |
| China | 5.2  | 4.8 (5.0) | 4.4       | 4.9                     |

### Inflation (CPI) -

% year-on-year average

|       | 2023 | 2024F     | 2025F     | Consensus<br>2024 (BBG) |
|-------|------|-----------|-----------|-------------------------|
| World |      |           |           | 4.1                     |
| U.S.  | 4.1  | 2.9 (3.0) | 2.3       | 3.0 (3.2)               |
| EUZ   | 5.5  | 2.5       | 2 3       | 2.4                     |
| GER   | 6.1  | 2.6       | 2.5       | 2.4                     |
| UK    | 7.3  | 2.6 (2.5) | 2.4 (2.3) | 2.6                     |
| Japan | 3.2  | 2.5 (2.3) | 2.0 (2.0) | 2.4                     |
| China | 0.2  | 0.5 (0.6) | 1.7       | 0.5 (0.7)               |

### **Unemployment Rate (Annual average)** –

%

|            | 2023 | 2024F     | 2025F     | Consensus<br>2024 (BBG) |
|------------|------|-----------|-----------|-------------------------|
| U.S. (EOP) | 3.6  | 4.3 (4.0) | 4.1       | 4.2 (4.1)               |
| EUZ        | 6.6  | 6.6       | 6.6 (6.5) | 6.5 (6.6)               |
| GER        | 5.7  | 6.0 (5.9) | 5.9       | 6.0                     |
| UK         | 4.0  | 4.4 (4.4) | 4.5 (4.6) | 4.4                     |
| Japan      | 2.6  | 2.5 (2.4) | 2.4 (2.4) | 2.5                     |
| China***   | 5.2  | 5.0       | 5.0       | 5.1                     |

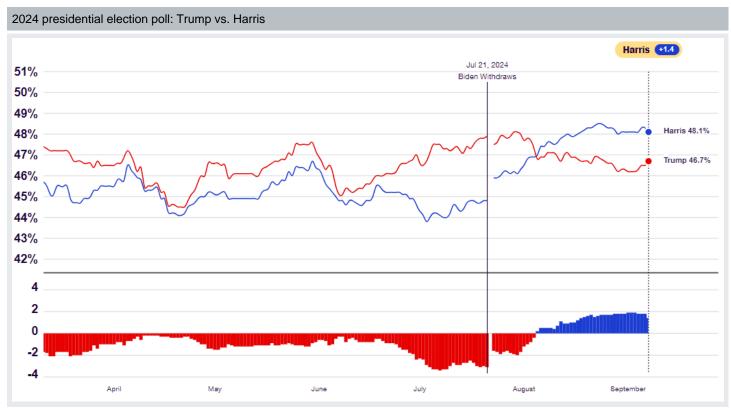
#### Fiscal Balance -

% of GDP

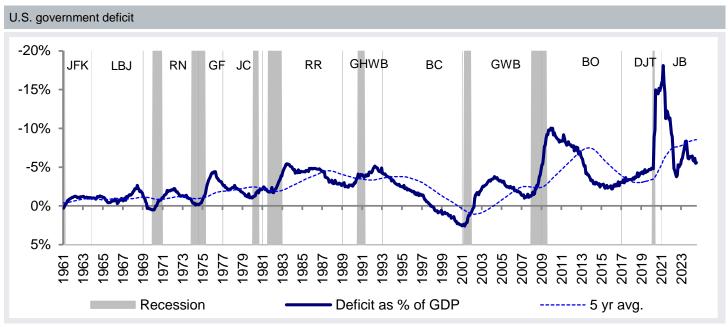
|         | 2023  | 2024F       | 2025F      | Consensus<br>2024 (BBG) |
|---------|-------|-------------|------------|-------------------------|
| U.S.    | -6.5  | -6.0        | -5.9       | -6.5 (-5.8)             |
| EUZ     | -3.7  | -2.8        | -2.7       | -3.0                    |
| GER     | -2.1  | -1.5        | -1.0       | -1.7                    |
| UK      | -4.5  | -4.0 (-4.5) | -3.7 (3.5) | -3.8                    |
| Japan   | -5.3  | -4.5 (-5.0) | -3.0 (3.0) | -4.2                    |
| China** | -13.6 | -13.3       | -13.0      | -4.8                    |

Source: DWS Macro Research. (\*) For the U.S., GDP growth Q4/Q4 % is 1.5% in 2024 and 2.1% in 2025, (\*\*) Measure is average CPI, other measures for the US see in the respective part of the presentation, (\*\*\*) Urban unemployment rate (end of period), not comparable to consensus data, (\*\*\*\*) China fiscal deficit refers to augmented fiscal balance (widest definition) and refers to IMF. It's not comparable with the consensus. As of August 2024. Forecasts are not a reliable indicator of future returns. Forecasts are based on assumptions, estimates, views and hypothetical models or analyses, which might prove inaccurate or incorrect.



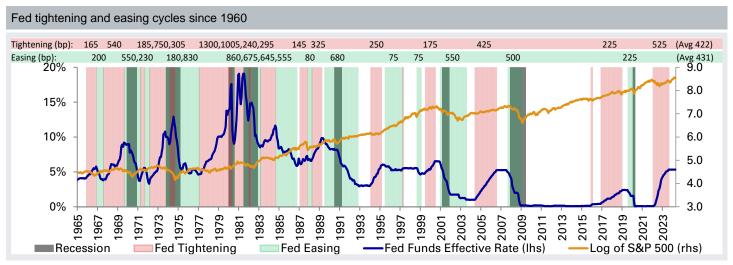


Source: RealClearPolitics, DWS Investment GmbH as of 9/9/2024. Past performance may not be indicative of future results.

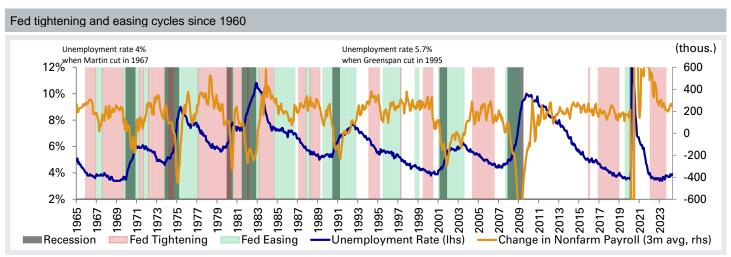


Source: Haver, DWS Investment GmbH as of 9/9/2024. Past performance may not be indicative of future results.

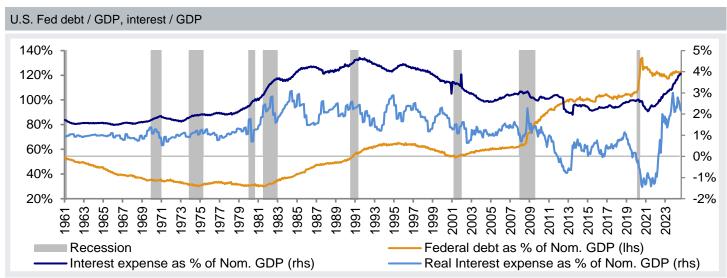




Source: Haver, DWS Investment GmbH as of 9/9/2024. Past performance may not be indicative of future results.

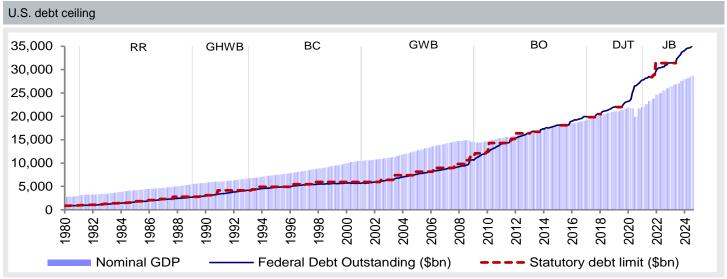


Source: Haver, DWS Investment GmbH as of 9/9/2024. Past performance may not be indicative of future results.

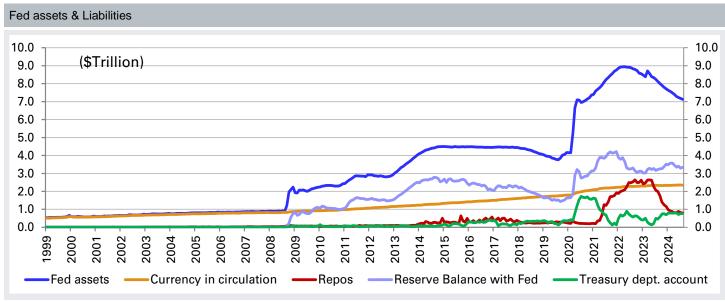


Source: Haver, DWS Investment GmbH as of 9/9/2024. Past performance may not be indicative of future results



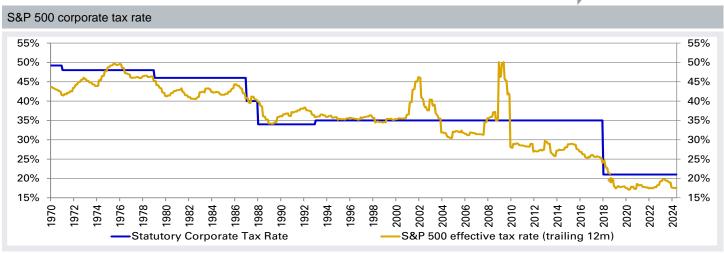


Source: Haver, DWS Investment GmbH as of 9/9/2024. Past performance may not be indicative of future results.



Source: Haver, DWS Investment GmbH as of 9/9/2024. Past performance may not be indicative of future results.





Source: Haver, Clarifi, DWS Investment GmbH as of 9/9/2024. Past performance may not be indicative of future results.

#### S&P 500 corporate tax rate

|                        |           |         |           |           |           | Pretax      | Pretax      |          |         |
|------------------------|-----------|---------|-----------|-----------|-----------|-------------|-------------|----------|---------|
|                        |           | Current |           | US        | Foreign   | Domestic    | Foreign     | Domestic | Foreign |
|                        | Effective | Tax     | Cash Paid | Effective | Effective | Income % of | Income % of | Pretax   | Pretax  |
|                        | Tax Rate  | Rate    | Tax Rate  | Rate      | Rate      | Total       | Total       | Margin   | Margin  |
| Consumer Discretionary | 13.1%     | 25.3%   | 25.8%     | 13.8%     | 13.8%     | 66.5%       | 33.5%       | 8.5%     | 12.2%   |
| Consumer Staples       | 22.8%     | 23.7%   | 23.1%     | 21.8%     | 28.6%     | 64.7%       | 35.3%       | 4.8%     | 11.3%   |
| Energy                 | 25.1%     | 21.3%   | 23.5%     | 22.8%     | 28.1%     | 50.0%       | 50.0%       | 11.2%    | 23.9%   |
| Financials             | 17.8%     | 23.8%   | 15.9%     | 28.5%     | 8.0%      | 52.2%       | 47.8%       | 12.3%    | 44.5%   |
| Health Care            | 17.1%     | 33.1%   | 37.8%     | 26.0%     | 10.2%     | 29.9%       | 70.1%       | 2.1%     | 33.5%   |
| Industrials            | 20.2%     | 22.0%   | 24.6%     | 22.2%     | 17.5%     | 57.7%       | 42.3%       | 8.8%     | 14.9%   |
| Information Technology | 14.0%     | 22.1%   | 21.7%     | 14.1%     | 15.1%     | 47.7%       | 52.3%       | 27.5%    | 22.2%   |
| Materials              | 18.0%     | 27.3%   | 25.7%     | 22.0%     | 17.8%     | 46.0%       | 54.0%       | 7.4%     | 11.8%   |
| Communication Services | 17.7%     | 21.9%   | 19.1%     | 28.1%     | 26.5%     | 88.0%       | 12.0%       | 26.3%    | 6.9%    |
| Real Estate            | 5.1%      | 6.4%    | 6.0%      | 10.2%     | -4.1%     | 88.0%       | 12.0%       | 20.1%    | 11.2%   |
| Utilities              | 9.3%      | 4.2%    | 4.9%      | 35.0%     | -78.7%    | 99.3%       | 1.4%        | 13.4%    | 7.7%    |
| S&P 500                | 17.5%     | 23.2%   | 21.8%     | 23.2%     | 15.3%     | 58.1%       | 41.8%       | 10.2%    | 20.4%   |
| S&P 500 ex. Fin.       | 17.4%     | 23.1%   | 23.5%     | 22.0%     | 17.7%     | 59.8%       | 40.1%       |          |         |

Source: Haver, Clarifi, DWS Investment GmbH as of 9/9/2024. Past performance may not be indicative of future results.

## Corporate tax rate impact on S&P 500 EPS

|                        | Preta | x profits |      | Cur        | rent    |        |        |           |             |        |        |        |
|------------------------|-------|-----------|------|------------|---------|--------|--------|-----------|-------------|--------|--------|--------|
|                        | (2    | 023)      | Effe | ective Tax | Rate    |        |        | Вос       | st/Hit to E | PS     |        |        |
|                        |       |           |      |            |         |        |        | 21%       |             |        |        |        |
|                        |       |           |      |            |         | 15%    | 18%    | US Tax    | 25%         | 28%    | 30%    | 35%    |
|                        | US    | Foreign   | US   | Foreign    | Overall | US Tax | US Tax | (Current) | US Tax      | US Tax | US Tax | US Tax |
| Consumer Discretionary | 72%   | 28%       | 21%  | 20%        | 21%     | 5%     | 3%     | 0%        | -4%         | -6%    | -8%    | -13%   |
| Consumer Staples       | 57%   | 43%       | 21%  | 20%        | 21%     | 4%     | 2%     | 0%        | -3%         | -5%    | -6%    | -10%   |
| Energy                 | 56%   | 44%       | 21%  | 35%        | 27%     | 5%     | 2%     | 0%        | -3%         | -5%    | -7%    | -11%   |
| Financials             | 72%   | 28%       | 21%  | 15%        | 19%     | 5%     | 3%     | 0%        | -4%         | -6%    | -8%    | -13%   |
| Health Care            | 42%   | 58%       | 21%  | 17%        | 19%     | 3%     | 2%     | 0%        | -2%         | -4%    | -5%    | -7%    |
| Industrials            | 63%   | 37%       | 21%  | 17%        | 20%     | 5%     | 2%     | 0%        | -3%         | -5%    | -7%    | -11%   |
| Information Technology | 48%   | 52%       | 21%  | 15%        | 18%     | 3%     | 2%     | 0%        | -2%         | -4%    | -5%    | -8%    |
| Materials              | 40%   | 60%       | 21%  | 22%        | 22%     | 3%     | 2%     | 0%        | -2%         | -4%    | -5%    | -7%    |
| Real Estate            | 93%   | 7%        | 0%   | 0%         | 0%      | 0%     | 0%     | 0%        | 0%          | 0%     | 0%     | 0%     |
| Communication Services | 89%   | 11%       | 21%  | 30%        | 22%     | 7%     | 3%     | 0%        | -5%         | -8%    | -10%   | -16%   |
| Utilities              | 99%   | 1%        | 10%  | 25%        | 10%     | 7%     | 3%     | 0%        | -4%         | -8%    | -10%   | -15%   |
| S&P 500                | 65%   | 35%       | 21%  | 18%        | 20%     | 5%     | 2%     | 0%        | -3%         | -6%    | -7%    | -11%   |

Source: DWS Investment GmbH as of 9/9/2024. Past performance may not be indicative of future results.



#### DWS Investment GmbH S&P 500 Annual EPS Outlook

|  |           |          |          |          |          |          |          |          |          |            |        | Bottor | n-up Cons | ensus (IBE | S)    |        | DWS \ | /iew   |       | Normalize | d 2024       |
|--|-----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|--------|--------|-----------|------------|-------|--------|-------|--------|-------|-----------|--------------|
|  | 2014A<br> | 2015A    | 2016A    | 2017A    | 2018A    | 2019A    | 2020A    | 2021A    | 2022A    | 2023A<br>_ | y/y    | 2024E  | у/у       | 2025E      | y/y   | 2024E  | у/у   | 2025E  | y/y   | (\$)      | % of<br>2023 |
| S&P 500 EPS (historical index)         | \$118.82  | \$117.46 | \$118.10 | \$132.00 | \$161.93 | \$162.93 | \$139.72 | \$208.12 | \$218.09 | \$221.36   | 1.5%   |        |           |            |       |        |       |        |       |           |              |
| S&P 500 EPS (current constituents)     | \$116.83  | \$117.25 | \$117.72 | \$131.12 | \$157.95 | \$159.55 | \$141.97 | \$218.02 | \$218.85 | \$222.68   | 1.7%   | \$246  | 10.3%     | \$281      | 14.5% | \$245  | 10.5% | \$270  | 9.9%  | \$250     | 102%         |
| Sector (\$ bn)                         |           |          |          |          |          |          |          |          |          |            |        |        |           |            |       |        |       |        |       |           |              |
| Communication Services                 | 66.5      | 76.9     | 89.1     | 97.2     | 121.5    | 128.3    | 132.4    | 184.7    | 144.6    | 173.9      | 20.3%  | 207.3  | 19.2%     | 241.7      | 16.6% | 207.0  | 19.0% | 238.5  | 15.2% | 210.2     | 102%         |
| Consumer Discretionary                 | 58.1      | 68.3     | 76.6     | 80.7     | 95.9     | 93.8     | 63.0     | 122.3    | 111.3    | 157.0      | 41.1%  | 177.6  | 13.1%     | 200.2      | 12.8% | 177.0  | 12.7% | 194.5  | 9.9%  | 181.3     | 102%         |
| Consumer Staples                       | 84.2      | 83.0     | 85.6     | 90.0     | 97.1     | 98.2     | 105.5    | 118.2    | 112.2    | 124.8      | 11.3%  | 128.0  | 2.5%      | 136.4      | 6.6%  | 126.5  | 1.4%  | 132.5  | 4.7%  | 123.8     | 98%          |
| Energy                                 | 94.9      | 39.9     | 10.5     | 37.3     | 70.1     | 49.5     | -6.7     | 79.3     | 202.3    | 142.8      | -29.4% | 126.1  | -11.7%    | 143.3      | 13.6% | 130.0  | -9.0% | 141.0  | 8.5%  | 118.0     | 91%          |
| Financials                             | 185.1     | 200.5    | 204.4    | 213.9    | 263.3    | 277.3    | 226.0    | 364.0    | 309.0    | 334.4      | 8.2%   | 369.3  | 10.4%     | 406.0      | 9.9%  | 368.0  | 10.0% | 390.0  | 6.0%  | 357.3     | 97%          |
| Health Care                            | 138.4     | 153.5    | 158.5    | 172.8    | 189.8    | 208.0    | 228.2    | 294.6    | 309.8    | 245.3      | -20.8% | 274.3  | 11.8%     | 316.4      | 15.3% | 276.5  | 12.7% | 305.0  | 10.3% | 277.7     | 100%         |
| Industrials                            | 101.0     | 104.4    | 98.5     | 107.5    | 131.3    | 114.3    | 61.4     | 112.6    | 136.3    | 162.2      | 19.0%  | 168.6  | 4.0%      | 194.4      | 15.3% | 169.5  | 4.5%  | 188.0  | 10.9% | 173.3     | 102%         |
| Information Technology                 | 159.5     | 165.5    | 170.8    | 204.6    | 237.0    | 231.5    | 263.8    | 437.1    | 363.8    | 374.7      | 3.0%   | 451.4  | 20.5%     | 547.1      | 21.2% | 450.5  | 20.2% | 510.0  | 13.2% | 495.6     | 110%         |
| Materials                              | 24.5      | 23.4     | 22.4     | 28.6     | 36.2     | 34.0     | 32.2     | 61.3     | 64.0     | 48.3       | -24.4% | 45.8   | -5.3%     | 53.8       | 17.4% | 46.5   | -3.8% | 49.8   | 7.1%  | 45.9      | 99%          |
| Real Estate                            | 22.5      | 23.9     | 28.0     | 31.3     | 35.2     | 36.6     | 36.4     | 43.4     | 50.8     | 53.1       | 4.5%   | 54.1   | 1.9%      | 56.9       | 5.3%  | 55.0   | 3.7%  | 56.0   | 1.7%  | 53.1      | 97%          |
| Utilities                              | 32.8      | 32.9     | 35.5     | 37.0     | 40.7     | 44.8     | 46.7     | 49.3     | 50.7     | 52.4       | 3.4%   | 58.9   | 12.3%     | 63.7       | 8.2%  | 59.5   | 13.5% | 65.0   | 9.3%  | 63.7      | 107%         |
| S&P 500                                | 967.4     | 972.2    | 980.0    | 1100.8   | 1318.0   | 1316.3   | 1189.0   | 1866.9   | 1854.7   | 1868.9     | 0.8%   | 2061.2 | 10.3%     | 2359.9     | 14.5% | 2066.0 | 10.5% | 2270.3 | 9.9%  | 2099.8    | 102%         |
| S&P ex. Energy (\$bn)                  | 872.5     | 932.3    | 969.5    | 1063.6   | 1247.9   | 1266.8   | 1195.8   | 1787.6   | 1652.4   | 1726.1     | 4.5%   | 1935.1 | 12.1%     | 2216.6     | 14.5% | 1936.0 | 12.2% | 2129.3 | 10.0% | 1981.8    | 102%         |
| S&P ex. Tech (\$bn)                    | 808.0     | 806.7    | 809.2    | 896.3    | 1081.1   | 1084.8   | 925.2    | 1429.7   | 1490.9   | 1494.2     | 0.2%   | 1609.8 | 7.7%      | 1812.8     | 12.6% | 1615.5 | 8.1%  | 1760.3 | 9.0%  | 1604.2    | 99%          |
| S&P 500 Sales/Share (historical index) | \$1,163   | \$1,127  | \$1,151  | \$1,232  | \$1,339  | \$1,415  | \$1,362  | \$1,567  | \$1,753  | \$1,872    | 6.8%   |        |           |            |       |        |       |        |       |           |              |
| S&P 500 Non-GAAP Net Margin            | 10.2%     | 10.4%    | 10.3%    | 10.7%    | 12.1%    | 11.5%    | 10.3%    | 13.3%    | 12.4%    | 11.8%      |        |        |           |            |       |        |       |        |       |           |              |

| S&P 500 EPS | Whole Year | 1Q    | 2Q    | 3Q    | 4Q    |
|-------------|------------|-------|-------|-------|-------|
| 2019A       | 163        | 39    | 41    | 41    | 42    |
| 2020A       | 140        | 33    | 28    | 38    | 42    |
| 2021A       | 210        | 49    | 53    | 54    | 54    |
| 2022A       | 222        | 55    | 58    | 56    | 53    |
| 2023A       | 223        | 53.00 | 54.25 | 58.5  | 57.25 |
| 2024E       | 245        | 58.00 | 60.00 | 62.00 | 65.00 |

| S&P 500 Trailing PE | Average | Stdev | 3yr Avg High | 3yr Avg Low |
|---------------------|---------|-------|--------------|-------------|
| 1960 – 2023         | 16.5    | 4.6   | 26.3         | 7.9         |
| 1985 – 2023         | 18.1    | 3.9   | 26.3         | 13.0        |
| 1995 – 2023         | 18.9    | 3.8   | 26.3         | 14.2        |
| 2005 – 2023         | 17.6    | 2.8   | 21.8         | 14.2        |
| 2005 – 2019         | 16.7    | 1.9   | 18.8         | 14.2        |
| (pre-pandemic)      | 10.7    | 1.9   | 10.0         | 14.2        |

S&P 500 EPS historical constituents represents the earnings per share (EPS) of S&P 500 index constituents at the time, while S&P 500 EPS current constituents represents the earnings per share of index constituents as of the date the data was compiled 3/31/2024. FFO is used for REITs instead of EPS.

Source: Factset, DWS Investment GmbH as of 9/6/2024. Past performance may not be indicative of future results. Forecasts are not a reliable indicator of future returns. Forecasts are based on assumptions, estimates, views and hypothetical models or analyses, which might prove inaccurate or incorrect.



#### DWS Investment GmbH View: S&P 500 fair value by sector: Assuming a ~5.50% real cost of equity (CoE) for overall S&P 500

|  | Market<br>Value<br>(\$bn) | Current<br>2024 PE | 2024E<br>Earnings<br>(\$bn) | Normal<br>Ratio | Normal<br>2024E<br>Earnings | Accounting<br>Quality<br>Adjustment | Fully<br>Adjusted<br>Earnings | Net Debt<br>/ Market<br>Cap | FCF /<br>EPS | Real<br>CoE | Steady<br>State<br>Value | Growth<br>Premium | 2024 Start<br>Fair Value<br>(\$bn) | 2024E<br>Dividend<br>Yield | 2024 End<br>Fair Value<br>(\$bn) | Fair PE on<br>Normal<br>2024E EPS | 2024 End<br>Upside<br>% | 2024 End<br>Upside vs.<br>S&P 500 |
|--|---------------------------|--------------------|-----------------------------|-----------------|-----------------------------|-------------------------------------|-------------------------------|-----------------------------|--------------|-------------|--------------------------|-------------------|------------------------------------|----------------------------|----------------------------------|-----------------------------------|-------------------------|-----------------------------------|
| Communication Services                 | 4,115                     | 19.9               | 207.0                       | 102%            | 210.2                       | -5%                                 | 199.7                         | 11%                         | 0.83         | 5.30%       | 3,768                    | 20%               | 4,521                              | 0.9%                       | 4,835                            | 23.0                              | 18%                     | 19%                               |
| Consumer Discretionary                 | 4,469                     | 25.3               | 177.0                       | 102%            | 181.3                       | -7%                                 | 168.6                         | 10%                         | 0.76         | 5.40%       | 3,122                    | 34%               | 4,194                              | 1.1%                       | 4,481                            | 24.7                              | 0%                      | 1%                                |
| Automobiles                            | 691                       | 27.6               | 25.0                        | 100%            | 25.0                        | -10%                                | 22.5                          | 32%                         | 0.99         | 6.00%       | 375                      | 40%               | 525                                | 0.4%                       | 567                              | 22.7                              | -18%                    | -17%                              |
| Broadline (Internet) Retail            | 1,544                     | 34.3               | 45.0                        | 110%            | 49.5                        | -5%                                 | 47.0                          | 0%                          | 0.18         | 5.20%       | 904                      | 75%               | 1,583                              | 0.0%                       | 1,704                            | 34.4                              | 10%                     | 11%                               |
| ex. Auto & Broadline (Internet) Retail | 2,234                     | 20.9               | 107.0                       | 100%            | 106.8                       | -7%                                 | 99.1                          | 13%                         | 0.78         | 5.38%       | 1,843                    | 13%               | 2,087                              | 1.5%                       | 2,219                            | 20.8                              | -1%                     | 0%                                |
| Consumer Staples                       | 2,678                     | 21.2               | 126.5                       | 98%             | 123.8                       | -6%                                 | 116.3                         | 14%                         | 0.84         | 5.00%       | 2,327                    | 5%                | 2,443                              | 2.6%                       | 2,562                            | 20.7                              | -4%                     | -3%                               |
| Energy                                 | 1,672                     | 12.9               | 130.0                       | 91%             | 118.0                       | -10%                                | 106.2                         | 14%                         | 0.90         | 6.00%       | 1,770                    | -15%              | 1,505                              | 2.2%                       | 1,600                            | 13.6                              | -4%                     | -3%                               |
| Financials                             | 6,269                     | 17.0               | 368.0                       | 97%             | 357.3                       | -7%                                 | 330.6                         |                             | 1.11         | 6.00%       | 5,510                    | -2%               | 5,400                              | 1.7%                       | 5,767                            | 16.1                              | -8%                     | -7%                               |
| Banks                                  | 1,573                     | 12.3               | 128.0                       | 95%             | 121.6                       | -7%                                 | 113.1                         |                             | 1.11         | 7.00%       | 1,616                    | -10%              | 1,454                              | 2.6%                       | 1,554                            | 12.8                              | -1%                     | 0%                                |
| Health Care                            | 5,803                     | 21.0               | 276.5                       | 100%            | 277.7                       | -8%                                 | 255.5                         | 10%                         | 1.14         | 5.25%       | 4,866                    | 15%               | 5,596                              | 1.2%                       | 5,960                            | 21.5                              | 3%                      | 4%                                |
| Industrials                            | 3,855                     | 22.7               | 169.5                       | 102%            | 173.3                       | -5%                                 | 164.7                         | 15%                         | 0.88         | 5.45%       | 3,021                    | 10%               | 3,323                              | 1.5%                       | 3,536                            | 20.4                              | -8%                     | -7%                               |
| Information Technology                 | 13,768                    | 30.6               | 450.5                       | 110%            | 495.6                       | -2%                                 | 485.7                         | 2%                          | 0.95         | 5.20%       | 9,340                    | 35%               | 12,609                             | 0.8%                       | 13,480                           | 27.2                              | -2%                     | -1%                               |
| Materials                              | 1,021                     | 21.9               | 46.5                        | 99%             | 45.9                        | -7%                                 | 42.7                          | 16%                         | 0.90         | 5.60%       | 763                      | 10%               | 839                                | 1.4%                       | 896                              | 19.5                              | -12%                    | -11%                              |
| Real Estate                            | 1,028                     | 18.7               | 55.0                        | 97%             | 53.1                        | -10%                                | 47.8                          | 35%                         | 1.79         | 5.30%       | 902                      | 0%                | 902                                | 3.4%                       | 942                              | 17.7                              | -8%                     | -7%                               |
| Utilities                              | 1,105                     | 18.6               | 59.5                        | 107%            | 63.7                        | -7%                                 | 59.2                          | 79%                         | -0.81        | 5.40%       | 1,096                    | 5%                | 1,151                              | 3.2%                       | 1,205                            | 18.9                              | 9%                      | 10%                               |
| S&P 500 (\$ bn)                        | 45,784                    | 22.2               | 2066.0                      | 102%            | 2099.8                      | -5.9%                               | 1976.9                        |                             |              | 5.40%       | 36,484                   | 16.4%             | 42482                              | 1.4%                       | 45,264                           | 21.6                              | -1%                     | 0%                                |
| S&P 500 Index (\$/sh)                  | 5408                      | 22.1               | 245.0                       | 102%            | 250.0                       | -6.0%                               | 235.0                         | 10%                         | 0.93         | 5.40%       | 4352                     | 16.9%             | 5086                               | 1.4%                       | 5408                             | 21.6                              | 0%                      | 0%                                |

 >5%
 Bigger upside vs. S&P 500

 between -5% and 5%
 Same upside as S&P 500

 <-5%</td>
 Smaller upside vs. S&P 500

Source: IBES, DWS Investment GmbH as of 9/6/2024. Past performance may not be indicative of future results. Forecasts are not a reliable indicator of future returns. Forecasts are based on assumptions, estimates, views and hypothetical models or analyses, which might prove inaccurate or incorrect.

S&P 500 EPS historical constituents represents the earnings per share (EPS) of S&P 500 index constituents at the time, while S&P 500 EPS current constituents represents the earnings per share of index constituents as of the date the data was compiled 3/31/2024.

The estimated 2024 year end upside is on absolute valuation basis of each sector, not on relative sector valuation basis.



#### DWS Investment GmbH View: S&P 500 fair value by sector and industry: Assuming a ~5.50% real cost of equity (CoE) for overall S&P 500 (1 of 2)

|  | Market<br>Value<br>(\$bn) | Current<br>2024 PE | 2024E<br>Earnings<br>(\$bn) | Normal<br>Ratio | Normal<br>2024E<br>Earnings | Accounting<br>Quality<br>Adjustment | Fully<br>Adjusted<br>Earnings | Net Debt<br>/ Market<br>Cap | FCF /<br>EPS | Real<br>CoE | Steady<br>State<br>Value | Growth<br>Premium | 2024 Start<br>Fair Value<br>(\$bn) | 2024E<br>Dividend<br>Yield | 2024 End<br>Fair Value<br>(\$bn) | Fair PE on<br>Normal 2024<br>EPS | 2024 End<br>Upside<br>% | 2024 End<br>Upside vs.<br>S&P 500 |
|--|---------------------------|--------------------|-----------------------------|-----------------|-----------------------------|-------------------------------------|-------------------------------|-----------------------------|--------------|-------------|--------------------------|-------------------|------------------------------------|----------------------------|----------------------------------|----------------------------------|-------------------------|-----------------------------------|
| CONSUMER DISCRETIONARY                 | 4,469                     | 25.3               | 177.0                       | 102%            | 181.3                       | -7.0%                               | 169                           | 10%                         | 0.76         | 5.40%       | 3,122                    | 34.3%             | 4,194                              | 1.1%                       | 4,481                            | 24.7                             | 0%                      | 1%                                |
| Automobile Components                  | 26,517                    | 10.2               | 2,600                       | 100%            | 2,600                       | -10%                                | 2,340                         | 26%                         | 1.00         | 7.00%       | 33,429                   | 0%                | 33,429                             | 0.4%                       | 36,479                           | 14.0                             | 38%                     | 39%                               |
| Automobiles                            | 690,846                   | 27.6               | 25,000                      | 100%            | 25,000                      | -10%                                | 22,500                        | 32%                         | 0.29         | 6.00%       | 375,000                  | 40%               | 525,000                            | 0.4%                       | 567,490                          | 22.7                             | -18%                    | -17%                              |
| Distributors                           | 43,902                    | 14.6               | 3,000                       | 100%            | 3,000                       | -10%                                | 2,700                         | 17%                         | 0.93         | 5.50%       | 49,091                   | 0%                | 49,091                             | 2.4%                       | 51,845                           | 17.3                             | 18%                     | 19%                               |
| Hotels Restaurants & Leisure           | 831,472                   | 21.3               | 39,000                      | 100%            | 39,000                      | -5%                                 | 37,050                        | 18%                         | 0.79         | 5.20%       | 712,500                  | 20%               | 855,000                            | 1.4%                       | 908,733                          | 23.3                             | 9%                      | 10%                               |
| Household Durables                     | 201,607                   | 14.4               | 14,000                      | 100%            | 14,000                      | -15%                                | 11,900                        | 0%                          | 0.99         | 6.50%       | 183,077                  | 0%                | 183,077                            | 0.7%                       | 198,199                          | 14.2                             | -2%                     | -1%                               |
| Broadline Retail                       | 1,544,468                 | 34.3               | 45,000                      | 110%            | 49,500                      | -5%                                 | 47,025                        | 0%                          | 0.89         | 5.20%       | 904,327                  | 75%               | 1,582,572                          | 0.0%                       | 1,703,855                        | 34.4                             | 10%                     | 11%                               |
| Leisure Products                       | 8,649                     | 17.3               | 500                         | 90%             | 450                         | -8%                                 | 414                           | 35%                         | 1.00         | 5.40%       | 7,667                    | 0%                | 7,667                              | 4.1%                       | 7,955                            | 17.7                             | -8%                     | -7%                               |
| Specialty Retail                       | 943,368                   | 23.9               | 39,500                      | 100%            | 39,500                      | -5%                                 | 37,525                        | 13%                         | 0.91         | 5.20%       | 721,635                  | 10%               | 793,798                            | 1.6%                       | 842,230                          | 21.3                             | -11%                    | -10%                              |
| Textiles Apparel & Luxury Goods        | 178,637                   | 21.3               | 8,400                       | 98%             | 8,232                       | -7%                                 | 7,656                         | -2%                         | 0.97         | 5.35%       | 143,098                  | 15%               | 164,563                            | 1.3%                       | 175,310                          | 21.3                             | -2%                     | -1%                               |
| CONSUMER STAPLES                       | 2,678                     | 21.2               | 126.5                       | 98%             | 123.8                       | -6%                                 | 116                           | 14%                         | 0.84         | 5.00%       | 2,327                    | 5%                | 2,443                              | 2.6%                       | 2,562                            | 20.7                             | -4%                     | -3%                               |
| Beverages                              | 659,589                   | 22.7               | 29,000                      | 100%            | 29,000                      | -5%                                 | 27,550                        | 14%                         | 0.85         | 4.90%       | 562,245                  | 15%               | 646,582                            | 2.6%                       | 677,822                          | 23.4                             | 3%                      | 4%                                |
| Consumer Staples Distribution & Retail | 685,131                   | 22.5               | 30,500                      | 100%            | 30,500                      | -6%                                 | 28,670                        | 8%                          | 0.65         | 5.20%       | 551,346                  | 10%               | 606,481                            | 1.6%                       | 643,685                          | 21.1                             | -6%                     | -5%                               |
| Food Products                          | 376,506                   | 16.9               | 22,300                      | 95%             | 21,185                      | -7%                                 | 19,702                        | 28%                         | 0.87         | 5.10%       | 386,315                  | -5%               | 366,999                            | 2.9%                       | 384,157                          | 18.1                             | 2%                      | 3%                                |
| Household Products                     | 605,418                   | 26.3               | 23,000                      | 100%            | 23,000                      | -6%                                 | 21,620                        | 8%                          | 0.98         | 5.10%       | 423,922                  | 15%               | 487,510                            | 2.3%                       | 513,584                          | 22.3                             | -15%                    | -14%                              |
| Personal Care Products                 | 59,596                    | 22.1               | 2,700                       | 110%            | 2,970                       | -7%                                 | 2,762                         | 16%                         | 0.93         | 5.30%       | 52,115                   | 20%               | 62,538                             | 3.4%                       | 65,283                           | 22.0                             | 10%                     | 11%                               |
| Tobacco                                | 292,095                   | 15.4               | 19,000                      | 90%             | 17,100                      | -7%                                 | 15,903                        | 29%                         | 1.01         | 5.00%       | 318,060                  | -25%              | 238,545                            | 5.2%                       | 243,997                          | 14.3                             | -16%                    | -15%                              |
| Energy                                 | 1,672                     | 12.9               | 130.0                       | 91%             | 118.0                       | -10%                                | 106                           | 14%                         | 0.90         | 6.00%       | 1,770                    | -15%              | 1,505                              | 2.2%                       | 1,600                            | 13.6                             | -4%                     | -3%                               |
| Energy Equipment & Services            | 117,091                   | 11.7               | 10,000                      | 100%            | 10,000                      | -10%                                | 9,000                         | 13%                         | 0.91         | 6.75%       | 133,333                  | 5%                | 140,000                            | 2.5%                       | 149,388                          | 14.9                             | 28%                     | 29%                               |
| Oil Gas & Consumable Fuels             | 1,554,836                 | 13.0               | 120,000                     | 90%             | 108,000                     | -10%                                | 97,200                        | 14%                         | 0.90         | 6.00%       | 1,620,000                | -20%              | 1,296,000                          | 3.0%                       | 1,366,705                        | 12.7                             | -12%                    | -11%                              |
| FINANCIALS                             | 6,269                     | 17.0               | 368.0                       | 97%             | 357.3                       | -7%                                 | 331                           | 0%                          | 1.11         | 6.00%       | 5,510                    | -2%               | 5,400                              | 1.7%                       | 5,767                            | 16.1                             | -8%                     | -7%                               |
| Capital Markets                        | 1,342,500                 | 19.7               | 68,000                      | 95%             | 64,600                      | -10%                                | 58,140                        | 2%                          | 1.09         | 6.00%       | 969,000                  | 0%                | 969,000                            | 2.0%                       | 1,032,303                        | 16.0                             | -23%                    | -22%                              |
| Banks                                  | 1,573,068                 | 12.3               | 128,000                     | 95%             | 121,600                     | -7%                                 | 113,088                       | N/A                         | 1.14         | 7.00%       | 1,615,543                | -10%              | 1,453,989                          | 2.7%                       | 1,552,212                        | 12.8                             | -1%                     | 0%                                |
| Consumer Finance                       | 258,089                   | 14.0               | 18,500                      | 95%             | 17,575                      | -15%                                | 14,939                        | N/A                         | 1.15         | 6.25%       | 239,020                  | -10%              | 215,118                            | 1.4%                       | 231,005                          | 13.1                             | -10%                    | -9%                               |
| Financial Services                     | 2,027,827                 | 24.3               | 83,500                      | 100%            | 83,500                      | -5%                                 | 79,325                        | 0%                          | 1.00         | 5.10%       | 1,555,392                | 10%               | 1,710,931                          | 0.3%                       | 1,835,286                        | 22.0                             | -9%                     | -8%                               |
| Insurance                              | 1,067,185                 | 15.2               | 70,000                      | 100%            | 70,000                      | -7%                                 | 65,100                        | N/A                         | 1.14         | 5.75%       | 1,132,174                | -5%               | 1,075,565                          | 1.3%                       | 1,149,811                        | 16.4                             | 8%                      | 9%                                |
| Health Care                            | 5,803                     | 21.0               | 276.5                       | 100%            | 277.7                       | -8%                                 | 255                           | 10%                         | 1.14         | 5.25%       | 4,866                    | 15%               | 5,596                              | 1.2%                       | 5,960                            | 21.5                             | 3%                      | 4%                                |
| Biotechnology                          | 918,813                   | 23.0               | 40,000                      | 107%            | 42,800                      | -10%                                | 38,520                        | 13%                         | 1.33         | 5.50%       | 700,364                  | 20%               | 840,436                            | 2.1%                       | 889,770                          | 20.8                             | -3%                     | -2%                               |
| Health Care Equipment & Supplies       | 1,109,420                 | 25.8               | 43,000                      | 105%            | 45,150                      | -7%                                 | 41,990                        | 8%                          | 1.14         | 5.00%       | 839,790                  | 25%               | 1,049,738                          | 1.0%                       | 1,117,727                        | 24.8                             | 1%                      | 2%                                |
| Health Care Providers & Services       | 1,294,806                 | 16.7               | 77,500                      | 95%             | 73,625                      | -7%                                 | 68,471                        | 10%                         | 1.06         | 5.25%       | 1,304,214                | 0%                | 1,304,214                          | 1.3%                       | 1,388,160                        | 18.9                             | 7%                      | 8%                                |
| Life Sciences Tools & Services         | 638,080                   | 30.4               | 21,000                      | 105%            | 22,050                      | -5%                                 | 20,948                        | 10%                         | 1.18         | 5.25%       | 399,000                  | 20%               | 478,800                            | 0.3%                       | 514,603                          | 23.3                             | -19%                    | -18%                              |
| Pharmaceuticals                        | 1,842,006                 | 19.4               | 95,000                      | 99%             | 94,050                      | -10%                                | 84,645                        | 11%                         | 1.27         | 5.25%       | 1,612,286                | 15%               | 1,854,129                          | 2.1%                       | 1,958,173                        | 20.8                             | 6%                      | 7%                                |
| INDUSTRIALS                            | 3,855                     | 22.7               | 169.5                       | 102%            | 173.3                       | -5%                                 | 165                           | 15%                         | 0.88         | 5.45%       | 3,021                    | 10%               | 3,323                              | 1.5%                       | 3,536                            | 20.4                             | -8%                     | -7%                               |
| Aerospace & Defense                    | 894,489                   | 29.8               | 30,000                      | 115%            | 34,500                      | -5%                                 | 32,775                        | 17%                         | 1.09         | 5.20%       | 630,288                  | 15%               | 724,832                            | 1.2%                       | 771,865                          | 22.4                             | -14%                    | -13%                              |
| Air Freight & Logistics                | 195,212                   | 17.0               | 11,500                      | 95%             | 10,925                      | -5%                                 | 10,379                        | 15%                         | 0.71         | 5.60%       | 185,335                  | 0%                | 185,335                            | 3.3%                       | 194,200                          | 17.8                             | -1%                     | 1%                                |
| Passenger Airlines                     | 67,618                    | 7.8                | 8,700                       | 90%             | 7,830                       | -15%                                | 6,656                         | 71%                         | 0.07         | 10.0%       | 66,555                   | 0%                | 66,555                             | 1.2%                       | 74,076                           | 9.5                              | 10%                     | 11%                               |
| Building Products                      | 248,771                   | 22.6               | 11,000                      | 95%             | 10,450                      | -5%                                 | 9,928                         | 15%                         | 1.07         | 5.40%       | 183,843                  | 10%               | 202,227                            | 1.2%                       | 215,792                          | 20.6                             | -13%                    | -12%                              |
| Commercial Services & Supplies         | 267,266                   | 35.2               | 7,600                       | 100%            | 7,600                       | 0%                                  | 7,600                         | 10%                         | 0.86         | 5.10%       | 149,020                  | 10%               | 163,922                            | 0.9%                       | 174,957                          | 23.0                             | -35%                    | -33%                              |
| Construction & Engineering             | 35,664                    | 29.7               | 1,200                       | 110%            | 1,320                       | -5%                                 | 1,254                         | 8%                          | 1.18         | 5.25%       | 23,886                   | 15%               | 27,469                             | 0.1%                       | 29,558                           | 22.4                             | -17%                    | -16%                              |

Source: IBES, DWS Investment GmbH as of 9/6/2024. Past performance may not be indicative of future results. Forecasts are not a reliable indicator of future returns. Forecasts are based on assumptions, estimates, views and hypothetical models or analyses, which might prove inaccurate or incorrect.

S&P 500 EPS historical constituents represents the earnings per share (EPS) of S&P 500 index constituents at the time, while S&P 500 EPS current constituents represents the earnings per share of index constituents as of the date the data was compiled 3/31/2024.

The estimated 2024 year end upside is on absolute valuation basis of each sector, not on relative sector valuation basis.



### DWS Investment GmbH View: S&P 500 fair value by sector and industry: Assuming a ~5.50% real cost of equity (CoE) for overall S&P 500 (2 of 2)

|   | Market<br>Value<br>(\$bn) | Current<br>2024 PE | 2024E<br>Earnings<br>(\$bn) | Normal<br>Ratio | Normal<br>2024E<br>Earnings | Accounting<br>Quality<br>Adjustment | Fully<br>Adjusted<br>Earnings | Net Debt<br>/ Market<br>Cap | FCF /<br>EPS | Real<br>CoE | Steady<br>State<br>Value | Growth<br>Premium | 2024 Start<br>Fair Value<br>(\$bn) | 2024E<br>Dividend<br>Yield | 2024 End<br>Fair Value<br>(\$bn) | Fair PE on<br>Normal 2024<br>EPS | 2024 End<br>Upside<br>% | 2024 End<br>Upside vs.<br>S&P 500 |
|---|---------------------------|--------------------|-----------------------------|-----------------|-----------------------------|-------------------------------------|-------------------------------|-----------------------------|--------------|-------------|--------------------------|-------------------|------------------------------------|----------------------------|----------------------------------|----------------------------------|-------------------------|-----------------------------------|
| Electrical Equipment                      | 267,817                   | 22.3               | 12,000                      | 110%            | 13,200                      | -5%                                 | 12,540                        | 6%                          | #DIV/0!      | 5.25%       | 238,857                  | 20%               | 286,629                            | 1.4%                       | 304,813                          | 23.1                             | 14%                     | 15%                               |
| Industrial Conglomerates                  | 208,469                   | 19.9               | 10,500                      | 100%            | 10,500                      | -5%                                 | 9,975                         | 13%                         | 1.05         | 5.25%       | 190,000                  | 5%                | 199,500                            | 2.1%                       | 210,852                          | 20.1                             | 1%                      | 2%                                |
| Machinery                                 | 767,066                   | 17.8               | 43,000                      | 100%            | 43,000                      | -5%                                 | 40,850                        | 19%                         | 0.96         | 5.60%       | 729,464                  | 5%                | 765,938                            | 1.5%                       | 816,604                          | 19.0                             | 6%                      | 8%                                |
| Professional Services                     | 319,049                   | 27.7               | 11,500                      | 100%            | 11,500                      | 0%                                  | 11,500                        | 6%                          | 1.09         | 5.25%       | 219,048                  | 15%               | 251,905                            | 1.6%                       | 267,476                          | 23.3                             | -16%                    | -15%                              |
| Ground Transportation                     | 454,431                   | 27.5               | 16,500                      | 100%            | 16,500                      | -9%                                 | 15,015                        | 16%                         | 0.65         | 5.00%       | 300,300                  | 10%               | 330,330                            | 1.3%                       | 350,958                          | 21.3                             | -23%                    | -22%                              |
| Trading Companies & Distributors          | 129,320                   | 21.6               | 6,000                       | 100%            | 6,000                       | -5%                                 | 5,700                         | 11%                         | 0.78         | 5.40%       | 105,556                  | 10%               | 116,111                            | 1.3%                       | 123,770                          | 20.6                             | -4%                     | -3%                               |
| INFORMATION TECHNOLOGY                    | 13,768                    | 30.6               | 450.5                       | 110%            | 495.6                       | -2%                                 | 486                           | 2%                          | 0.95         | 5.20%       | 9,340                    | 35%               | 12,609                             | 0.8%                       | 13,480                           | 27.2                             | -2%                     | -1%                               |
| Communications Equipment                  | 378,675                   | 18.0               | 21,000                      | 100%            | 21,000                      | -7%                                 | 19,530                        | -4%                         | 1.07         | 5.25%       | 372,000                  | 5%                | 390,600                            | 1.9%                       | 413,298                          | 19.7                             | 9%                      | 10%                               |
| Technology Hardware Storage & Peripherals | 3,488,630                 | 31.1               | 112,000                     | 105%            | 117,600                     | -1%                                 | 116,424                       | 2%                          | 1.03         | 5.00%       | 2,328,480                | 25%               | 2,910,600                          | 0.5%                       | 3,114,729                        | 26.5                             | -11%                    | -10%                              |
| Electronic Equipment Instruments & Compo  | 232,249                   | 20.2               | 11,500                      | 100%            | 11,500                      | -7%                                 | 10,695                        | 9%                          | 1.07         | 5.50%       | 194,455                  | 15%               | 223,623                            | 1.0%                       | 239,222                          | 20.8                             | 3%                      | 4%                                |
| IT Services                               | 515,929                   | 22.0               | 23,500                      | 105%            | 24,675                      | -3%                                 | 23,935                        | 8%                          | 1.18         | 5.00%       | 478,695                  | 20%               | 574,434                            | 1.9%                       | 606,525                          | 24.6                             | 18%                     | 19%                               |
| Semiconductors & Semiconductor Equipmer   | 4,571,666                 | 32.1               | 142,500                     | 120%            | 171,000                     | -5%                                 | 162,450                       | 2%                          | 0.92         | 5.60%       | 2,900,893                | 35%               | 3,916,205                          | 0.4%                       | 4,216,751                        | 24.7                             | -8%                     | -7%                               |
| Software                                  | 4,580,639                 | 32.7               | 140,000                     | 107%            | 149,800                     | 2%                                  | 152,796                       | 1%                          | 0.90         | 5.00%       | 3,055,920                | 50%               | 4,583,880                          | 0.6%                       | 4,899,910                        | 32.7                             | 7%                      | 8%                                |
| MATERIALS                                 | 1,021                     | 21.9               | 46.5                        | 99%             | 45.9                        | -7%                                 | 43                            | 16%                         | 0.90         | 5.60%       | 763                      | 10%               | 839                                | 1.4%                       | 896                              | 19.5                             | -12%                    | -11%                              |
| Chemicals                                 | 700,984                   | 23.2               | 30,200                      | 100%            | 30,200                      | -5%                                 | 28,690                        | 17%                         | 0.81         | 5.50%       | 521,636                  | 15%               | 599,882                            | 1.8%                       | 637,034                          | 21.1                             | -9%                     | -8%                               |
| Construction Materials                    | 62,233                    | 27.1               | 2,300                       | 95%             | 2,185                       | -10%                                | 1,967                         | 7%                          | 0.82         | 5.75%       | 34,200                   | 0%                | 34,200                             | 0.7%                       | 36,781                           | 16.8                             | -41%                    | -40%                              |
| Containers & Packaging                    | 103,421                   | 21.1               | 4,900                       | 100%            | 4,900                       | -10%                                | 4,410                         | 31%                         | 1.12         | 5.50%       | 80,182                   | 0%                | 80,182                             | 2.2%                       | 84,797                           | 17.3                             | -18%                    | -17%                              |
| Metals & Mining                           | 154,022                   | 16.9               | 9,100                       | 95%             | 8,645                       | -10%                                | 7,781                         | 7%                          | 0.62         | 6.00%       | 129,675                  | 0%                | 129,675                            | 1.8%                       | 138,377                          | 16.0                             | -10%                    | -9%                               |
| REAL ESTATE                               | 1,028                     | 18.7               | 55.0                        | 97%             | 53.1                        | -10%                                | 48                            | 35%                         | 1.79         | 5.30%       | 902                      | 0%                | 902                                | 3.4%                       | 942                              | 17.7                             | -8%                     | -7%                               |
| Health Care REITs                         | 111,732                   | 18.6               | 6,000                       | 100%            | 6,000                       | -6%                                 | 5,640                         | 36%                         | 7.80         | 4.80%       | 117,500                  | 0%                | 117,500                            | 3.5%                       | 122,005                          | 20.3                             | 9%                      | 10%                               |
| Hotel & Resort REITs                      | 11,996                    | 8.6                | 1,400                       | 90%             | 1,260                       | -20%                                | 1,008                         | 25%                         | 1.98         | 7.00%       | 14,400                   | 0%                | 14,400                             | 4.7%                       | 15,091                           | 12.0                             | 26%                     | 27%                               |
| Industrial REITs                          | 98,907                    | 19.8               | 5,000                       | 95%             | 4,750                       | -7%                                 | 4,418                         | 28%                         | 1.81         | 5.25%       | 84,143                   | 5%                | 88,350                             | 3.6%                       | 92,032                           | 19.4                             | -7%                     | -6%                               |
| Office REITs                              | 10,764                    | 10.8               | 1,000                       | 80%             | 800                         | -30%                                | 560                           | 63%                         | 4.27         | 7.00%       | 8,000                    | 0%                | 8,000                              | 5.3%                       | 8,340                            | 10.4                             | -23%                    | -21%                              |
| Residential REITs                         | 141,084                   | 18.8               | 7,500                       | 90%             | 6,750                       | -10%                                | 6,075                         | 33%                         | 1.81         | 4.90%       | 123,980                  | 0%                | 123,980                            | 3.4%                       | 128,992                          | 19.1                             | -9%                     | -7%                               |
| Retail REITs                              | 125,380                   | 13.2               | 9,500                       | 95%             | 9,025                       | -15%                                | 7,671                         | 48%                         | 2.03         | 6.00%       | 127,854                  | 0%                | 127,854                            | 5.3%                       | 131,890                          | 14.6                             | 5%                      | 6%                                |
| Specialized REITs                         | 461,779                   | 20.1               | 23,000                      | 100%            | 23,000                      | -7%                                 | 21,390                        | 36%                         | 1.23         | 5.20%       | 411,346                  | 10%               | 452,481                            | 3.4%                       | 471,864                          | 20.5                             | 2%                      | 3%                                |
| Real Estate Management & Development      | 66,759                    | 41.7               | 1,600                       | 95%             | 1,520                       | -3%                                 | 1,474                         | 0%                          | 0.95         | 4.75%       | 31,040                   | 25%               | 38,800                             | -                          | 41,613                           | 27.4                             | -38%                    | -37%                              |
| COMMUNICATION SERVICES                    | 4,115                     | 19.9               | 207.0                       | 102%            | 210.2                       | -5%                                 | 200                           | 11%                         | 0.83         | 5.30%       | 3,768                    | 20%               | 4,521                              | 0.9%                       | 4,835                            | 23.0                             | 18%                     | 19%                               |
| Diversified Telecommunication Services    | 328,564                   | 9.4                | 35,000                      | 75%             | 26,250                      | -15%                                | 22,313                        | 94%                         | -0.28        | 5.25%       | 425,000                  | -25%              | 318,750                            | 5.9%                       | 324,624                          | 12.4                             | -1%                     | 0%                                |
| Entertainment                             | 539,112                   | 53.9               | 10,000                      | 110%            | 11,000                      | -8%                                 | 10,120                        | 15%                         | 1.59         | 5.25%       | 192,762                  | 50%               | 289,143                            | 0.3%                       | 310,722                          | 28.2                             | -42%                    | -41%                              |
| Interactive Media & Services              | 2,862,847                 | 21.7               | 132,000                     | 110%            | 145,200                     | -2%                                 | 142,296                       | -4%                         | 0.69         | 5.20%       | 2,736,462                | 30%               | 3,557,400                          | 0.4%                       | 3,815,700                        | 26.3                             | 33%                     | 34%                               |
| Media                                     | 278,323                   | 11.1               | 25,000                      | 90%             | 22,500                      | -10%                                | 20,250                        | 69%                         | 0.99         | 6.25%       | 324,000                  | -15%              | 275,400                            | 2.3%                       | 293,235                          | 13.0                             | 5%                      | 6%                                |
| Wireless Telecommunication Services       | 106,278                   | 21.3               | 5,000                       | 105%            | 5,250                       | -8%                                 | 4,830                         | 39%                         | 1.41         | 5.25%       | 92,000                   | 5%                | 96,600                             | 1.3%                       | 102,879                          | 19.6                             | -3%                     | -2%                               |
| UTILITIES                                 | 1,105                     | 18.6               | 59.5                        | 107%            | 63.7                        | -7%                                 | 59                            | 79%                         | -0.81        | 5.40%       | 1,096                    | 5%                | 1,151                              | 3.2%                       | 1,205                            | 18.9                             | 9%                      | 10%                               |
| Electric Utilities                        | 749,900                   | 18.7               | 40,100                      | 110%            | 44,110                      | -7%                                 | 41,022                        | 80%                         | 1.15         | 5.50%       | 745,860                  | 7%                | 798,070                            | 3.0%                       | 838,324                          | 19.0                             | 12%                     | 13%                               |
| Gas Utilities                             | 18,277                    | 18.3               | 1,000                       | 100%            | 1,000                       | -7%                                 | 930                           | 43%                         | -1.16        | 5.00%       | 18,600                   | 0%                | 18,600                             | 2.6%                       | 19,503                           | 19.5                             | 7%                      | 8%                                |
| Independent Power and Renewable Electrici | 10,499                    | 7.5                | 1,400                       | 110%            | 1,540                       | -15%                                | 1,309                         | 80%                         | -4.16        | 8.00%       | 16,363                   | 0%                | 16,363                             | 4.2%                       | 17,392                           | 11.3                             | 66%                     | 67%                               |
| Multi-Utilities                           | 300,377                   | 18.8               | 16,000                      | 100%            | 16,000                      | -7%                                 | 14,880                        | 79%                         | -1.06        | 5.25%       | 283,429                  | 0%                | 283,429                            | 3.4%                       | 295,764                          | 18.5                             | -2%                     | 0%                                |
| Water Utilities                           | 26,157                    | 26.2               | 1,000                       | 100%            | 1,000                       | -5%                                 | 950                           | 51%                         | -0.97        | 4.50%       | 21,111                   | 0%                | 21,111                             | 2.3%                       | 22,110                           | 22.1                             | -15%                    | -14%                              |

Source: IBES, DWS Investment GmbH as of 9/6/2024. Past performance may not be indicative of future results. Forecasts are not a reliable indicator of future returns. Forecasts are based on assumptions, estimates, views and hypothetical models or analyses, which might prove inaccurate or incorrect.

S&P 500 EPS historical constituents represents the earnings per share (EPS) of S&P 500 index constituents at the time, while S&P 500 EPS current constituents represents the earnings per share of index constituents as of the date the data was compiled 3/31/2024.

The estimated 2024 year end upside is on absolute valuation basis of each sector, not on relative sector valuation basis.



Value added growth premium in fair value est.

#### S&P 500 Intrinsic Valuation Model

| S&P 500 Capitalized EPS Valuation                         |          | S&P 500 Dividend Discount Model                    |          | S&P 500 Long-term EPS & DPS Growth               |         | S&P 500 Cost of Equity & Fair Book Multiple           |         |
|---|----------|--|----------|--|---------|---|---------|
| DWS 2024E S&P 500 EPS                                     | \$245.00 | DWS 2024E S&P 500 DPS                              | \$76.00  | DWS 2024E S&P 500 aggregate ROE                  | 22.3%   | Fair long-term nominal return on S&P 500 index        | 7.90%   |
|   |          | 2024E dividend payout ratio                        | 31%      | 2023E end S&P 500 book value per share           | \$1,100 | Components of estimated fair S&P 500 return:          |         |
| DWS "normal 2024E" S&P 500 EPS                            | \$250.00 | DWS "normal 2024E" S&P 500 DPS                     | \$80.00  | DWS "normal 2024E" S&P 500 aggregate ROE         | 21.4%   | + Long-term real risk free interest rate              | 1.65%   |
| "Normal 2024E" EPS / 2024 EPS                             | 102%     | Normal dividend payout ratio                       | 34%      |  |         | + Long-term fair S&P 500 equity risk premium*         | 3.75%   |
|   |          |  |          | S&P EPS retained for operating reinvestment      | 33%     | = Long-term real S&P 500 cost of equity               | 5.40%   |
| Accounting quality adjustment to pro forma EPS            | -\$15.00 | EPS directed to net share repurchases              | \$78.00  | Estimated ROE on reinvested S&P EPS              | 9.50%   | + Long-term inflation forecast                        | 2.50%   |
|   |          | Normal share repurchase payout ratio               | 33%      | Economic margin (EM) or ROE-CoE                  | 1.60%   | = S&P 500 nominal cost of equity                      | 7.90%   |
| Normal 2024E S&P 500 EPS fair to capitalize               | \$235    | Total payout of S&P 500 EPS                        | \$158.00 | Sources of long-term earnings growth:            |         | * S&P 500 ERP history 300-400bps, w/ real CoE @ 5% -  | 6.5%    |
| Key principle: steady-state value = normal EPS / real CoE |          | Total payout ratio of normal and quality adj. EPS  | 67%      | + Long-term inflation forecast                   | 2.50%   |   |         |
|   |          |  |          | + Fair return on operating reinvestment          | 1.77%   | Fair S&P 500 Market Value and Book Value Multiple     |         |
| S&P 500 EPS Capitalization Valuation                      |          | S&P 500 DPS Discount Model                         |          | + Value added earnigs growth on op. reinvestment | 0.52%   | 2023E end S&P 500 book value per share                | \$1,100 |
| Normal EPS / (real CoE - (EM/payout) - EM):               |          | Normal DPS / (nominal CoE - DPS growth):           |          | = Long-term earnings growth                      | 4.79%   | Fair PB = Fair PE * normal aggregate ROE              | 4.62    |
| S&P 500 intrinsic value at 2024 start                     | 5086     | S&P 500 intrinsic value at 2024 start              | 5086     | + Growth from net share repurchases              | 1.53%   | Fair PE =(inc ROE-g)/(inc real ROE*(real CoE-real g)) | 20.76   |
| S&P 500 intrinsic value at 2024 end                       | 5408     | S&P 500 intrinsic value at 2024 end                | 5408     | = Long-term S&P 500 EPS/DPS growth               | 6.33%   | Implied S&P 500 fair value of book at 2024 start      | 5086    |
| Implied fair fwd PE in early 2024 on 2024E \$245 EPS      | 20.8     | Implied fair forward yield on 2024E DPS of \$76.0  | 1.49%    | + Fair normal dividend yield                     | 1.57%   | Steady-state PB = normal agg. ROE / real CoE          | 3.96    |
| Implied fair trailing PE at 2024 end on 2024E \$245 EPS   | 22.1     | Implied fair trailing yield on 2024E DPS of \$76.0 | 1.41%    | = Total long-term return at constant PE          | 7.90%   | Confirmed by fair steady-state PE = 1 / real CoE      | 18.5    |

5408

DPS discount model using true DPS (all payout)

#### S&P 500 EPS discount model 5 steps to value:

Normal EPS / (real CoE - value added EPS growth)

- 1) Estimate normalized S&P 500 EPS
- 2) Adjust normalized EPS for pro forma accounting quality
- 3) Estimate a fair long-term real return on S&P 500 ownership (CoE)
- 4) Capitalize normalized and accounting quality adj. EPS at real CoE
- 5) Consider long-term potential for value added growth opportunities

|       | 2024E Normal S&P 500 EPS |       |       |       |       |  |  |  |  |  |
|-------|--------------------------|-------|-------|-------|-------|--|--|--|--|--|
|       | \$240                    | \$245 | \$250 | \$255 | \$260 |  |  |  |  |  |
| 5.00% | 5746                     | 5967  | 6196  | 6432  | 6675  |  |  |  |  |  |
| 5.25% | 5298                     | 5486  | 5679  | 5876  | 6079  |  |  |  |  |  |
| 5.40% | 5062                     | 5233  | 5408  | 5587  | 5770  |  |  |  |  |  |
| 5.50% | 4916                     | 5077  | 5242  | 5410  | 5581  |  |  |  |  |  |
| 5.75% | 4586                     | 4726  | 4868  | 5013  | 5160  |  |  |  |  |  |

Normal 2024E economic profit per share

17%

# DWS September 2025 equity index targets

| Index           | 3M<br>relative<br>View | Current<br>Level | Previous<br>Target<br>CIO Day<br>July | Target<br>Sep 25 | Chg in<br>Target | Expected<br>Total Return<br>Sep 25 |     |       | thereof |                   | Assumptions  |                             |                                |                                |
|-----------------|------------------------|------------------|---------------------------------------|------------------|------------------|------------------------------------|-----|-------|---------|-------------------|--------------|-----------------------------|--------------------------------|--------------------------------|
|                 |                        | 02/09/2024       |                                       |                  |                  |                                    |     |       |         | Dividend<br>Yield | EPS NTM* (e) | EPS NTM<br>DWS vs.<br>Cons. | Target<br>LTM P/E<br>in Sep 25 | Target PE<br>discount to<br>US |
| S&P 500         |                        | 5,648            | 5,600                                 | 5,800            | 4%               | 4.1%                               | USD | 10.7% | -8%     | 1.4%              | 268          | -1.0%                       | 21.6x                          |                                |
| Stoxx 600       |                        | 524              | 530                                   | 540              | 2%               | 6.5%                               | EUR | 4.9%  | -2%     | 3.4%              | 37.9         | -3.7%                       | 14.2x                          | -34%                           |
| EuroStoxx 50    |                        | 4,958            | 5,100                                 | 5,100            | 0%               | 6.3%                               | EUR | 4.1%  | -1%     | 3.4%              | 374          | -3.7%                       | 13.7x                          | -37%                           |
| DAX40           |                        | 18,886           | 19,600                                | 20,000           | 2%               | 5.9%                               | EUR | 7.8%  | -5%     | 3.2%              | 1505         | 0.0%                        | 12.8x                          | -40%                           |
| SMI             |                        | 12,394           | 11,900                                | 12,350           | 4%               | 2.6%                               | CHF | 9.7%  | -9%     | 3.0%              | 721          | -0.3%                       | 17.1x                          | -20%                           |
| FTSE 100        |                        | 8,369            | 8,200                                 | 8,350            | 2%               | 3.5%                               | GBP | 2.4%  | -3%     | 3.8%              |              | -3.3%                       | 12.0x                          | -44%                           |
| MSCI EM         |                        | 1,096            | 1,100                                 | 1,140            | 4%               | 6.9%                               | USD | 13.0% | -8%     | 2.9%              | 86.7         | -7.5%                       | 13.2x                          | -39%                           |
| MSCI AC Asia xJ |                        | 701              | 710                                   | 740              | 4%               | 8.1%                               | USD | 12.7% | -7%     | 2.6%              | 52.0         | -8.5%                       | 14.2x                          | -34%                           |
| MSCI Japan      |                        | 1,677            | 1,760                                 | 1,760            | 0%               | 7.3%                               | YEN | 8.4%  | -3%     | 2.3%              | 114.2        | -1.1%                       | 15.4x                          | -29%                           |
| MSCI Australia  |                        | 1,628            | 1,500                                 | 1,550            | 3%               | -1.1%                              | AUD | -0.9% | -5%     | 3.7%              | 90.0         | -0.4%                       | 17.0x                          | -21%                           |

Source: DWS Investment Management GmbH. Forecasts are not a reliable indicator of future returns. No representation or warranty is made by DWS as to the reasonableness or completeness of the forward-looking statements or to any other financial information contained herein. Forecasts are based on assumptions, estimates, views and hypothetical models or analyses, which might prove inaccurate or incorrect.



### S&P 500 industry monitor (1 of 2)

| Sector                 | Industry                               | PE on 2023<br>EPS | PE on 2024<br>Consensus<br>EPS | 2024<br>Consensus<br>EPS Growth |       | 2024 EPS<br>3m<br>Revision | 3m Total<br>Return<br>Momentum | 2024 End<br>Upside<br>(Intrinsic<br>Valuation) | Combined<br>Signal |
|------------------------|--|-------------------|--------------------------------|---------------------------------|-------|----------------------------|--------------------------------|--|--------------------|
| Consumer Discretionary |  | 25.6              | 22.6                           | 20.9%                           | 13.1% | -0.1%                      | 1.0%                           | -1.5%  | 0                  |
|                        | Automobile Components                  | 9.9               | 8.1                            | 11.7%                           | 22.0% | 2.4%                       | -13.4%                         | 37.6%  | 0                  |
|                        | Automobiles                            | 26.8              | 24.6                           | -12.7%                          | 8.8%  | -1.0%                      | 14.9%                          | -17.9%   | 0                  |
|                        | Household Durables                     | 13.8              | 12.7                           | 8.6%                            | 8.6%  | 1.7%                       | 21.3%                          | -17.7%   | 1                  |
|                        | Leisure Products                       | 17.7              | 15.5                           | 8.6%                            | 14.6% | 4.7%                       | 15.0%                          | -18.7%   | 1                  |
|                        | Textiles Apparel & Luxury Goods        | 20.6              | 20.1                           | 8.8%                            | 2.5%  | -5.5%                      | -16.1%                         | -0.4%  | -1                 |
|                        | Hotels Restaurants & Leisure           | 23.0              | 20.1                           | 27.7%                           | 14.3% | -1.5%                      | 0.1%                           | 8.3%   | -1                 |
|                        | Distributors                           | 15.8              | 14.4                           | -4.1%                           | 9.4%  | -8.3%                      | -4.1%                          | 18.1%  | -1                 |
|                        | Broadline Retail                       | 34.9              | 28.5                           | 108.3%                          | 22.2% | 4.1%                       | -6.8%                          | 7.9%   | 1                  |
|                        | Specialty Retail                       | 23.2              | 21.7                           | -0.3%                           | 7.1%  | -1.9%                      | 9.3%                           | -11.5%   | -1                 |
| Consumer Staples       |  | 22.5              | 21.1                           | 7.7%                            | 6.6%  | -0.5%                      | 7.8%                           | -10.7%   | (                  |
|                        | Consumer Staples Distribution & Retail | 28.3              | 26.4                           | 5.8%                            | 7.2%  | -1.8%                      | 5.1%                           | -6.9%  | 0                  |
|                        | Food Products                          | 16.7              | 16.1                           | -4.0%                           | 4.0%  | -1.6%                      | 8.8%                           | -5.1%  | -1                 |
|                        | Beverages                              | 22.4              | 20.9                           | 8.9%                            | 7.3%  | 0.1%                       | 6.7%                           | -4.8%  | 0                  |
|                        | Tobacco                                | 15.4              | 14.3                           | 4.6%                            | 7.1%  | 1.0%                       | 20.8%                          | -21.6%   | 1                  |
|                        | Household Products                     | 26.0              | 24.4                           | 13.3%                           | 6.5%  | 0.8%                       | 7.6%                           | -24.7%   | 0                  |
|                        | Personal Care Products                 | 22.7              | 20.1                           | 455.0%                          | 12.6% | -3.0%                      | 2.3%                           | 5.2%   | 0                  |
| Energy                 |  | 12.8              | 11.3                           | -17.2%                          | 13.9% | -8.0%                      | -3.1%                          | -3.4%  | -1                 |
| - 07                   | Energy Equipment & Services            | 11.7              | 10.1                           | 22.3%                           | 16.4% | -1.0%                      | -5.9%                          | 34.0%  | 0                  |
|                        | Oil Gas & Consumable Fuels             | 12.9              | 11.4                           | -19.5%                          | 13.7% | -8.6%                      | -2.9%                          | -11.9%   | -1                 |
| Financials             |  | 16.5              | 15.2                           | 14.1%                           | 8.6%  | 2.5%                       | 7.3%                           | -10.4%   | C                  |
|                        | Banks                                  | 11.5              | 10.9                           | 0.2%                            | 5.6%  | 5.3%                       | 4.1%                           | -2.5%  | 0                  |
|                        | Financial Services                     | 23.8              | 22.1                           | 16.7%                           | 7.6%  | 2.7%                       | 7.1%                           | -13.3%   | 0                  |
|                        | Consumer Finance                       | 12.9              | 12.1                           | 17.4%                           | 7.0%  | 4.7%                       | 4.1%                           | -12.9%   | 1                  |
|                        | Capital Markets                        | 19.3              | 17.1                           | 20.8%                           | 13.1% | -0.2%                      | 9.2%                           | -25.3%   | 1                  |
|                        | Insurance                              | 15.3              | 13.7                           | 37.9%                           | 11.4% | -0.6%                      | 11.2%                          | -1.6%  | 1                  |
| Health Care            |  | 22.0              | 18.2                           | 1.9%                            | 21.0% | -1.8%                      | 5.5%                           | -0.1%  | (                  |
|                        | Health Care Providers & Services       | 16.4              | 14.7                           | 5.0%                            | 11.8% | -0.1%                      | 10.1%                          | 3.5%   | 0                  |
|                        | Health Care Equipment & Supplies       | 26.0              | 23.6                           | 18.5%                           | 9.9%  | 0.8%                       | 2.8%                           | 0.7%   | 0                  |
|                        | Life Sciences Tools & Services         | 29.5              | 26.5                           | -5.1%                           | 11.5% | -1.1%                      | 3.0%                           | -19.4%   | 0                  |
|                        | Biotechnology                          | 23.6              | 17.6                           | -18.5%                          | 34.3% | -13.1%                     | 6.2%                           | 2.5%   | -1                 |
|                        | Pharmaceuticals                        | 22.3              | 16.9                           | 6.0%                            | 31.6% | 1.3%                       | 4.8%                           | -3.5%  | 0                  |
| Industrials            |  | 23.0              | 19.9                           | 6.8%                            | 15.7% | -2.3%                      | 2.9%                           | -8.7%  | (                  |
|                        | Aerospace & Defense                    | 30.0              | 23.0                           | 23.1%                           | 30.3% | -4.7%                      | 4.2%                           | -15.5%   | 0                  |
|                        | Building Products                      | 22.3              | 20.4                           | 6.5%                            | 9.3%  | -0.7%                      | 7.3%                           | -22.9%   | 0                  |
|                        |  | 21.5              | 19.9                           |                                 | 8.3%  |                            | 5.5%                           | -5.9%  | 0                  |
|                        | Trading Companies & Distributors       |                   |                                | 8.7%                            |       | -1.4%                      |                                |  |                    |
|                        | Electrical Equipment                   | 25.7              | 22.4                           | 26.4%                           | 14.5% | 0.5%                       | -5.4%                          | 18.6%  | 0                  |
|                        | Construction & Engineering             | 28.7              | 24.4                           | 26.8%                           | 17.6% | 2.5%                       | -7.9%                          | -17.1%   | 1                  |

Combined signal rules: Green – at least 2 of the following 3 must be green: EPS growth, EPS revision, price momentum

Red – at least 2 of the following 3 must be red: EPS growth, EPS revision, price momentum

Source: Factset, DWS Investment GmbH as of 9/6/2024. Past performance may not be indicative of future results. Forecasts are not a reliable indicator of future returns. Forecasts are based on assumptions, estimates, views and hypothetical models or analyses, which might prove inaccurate or incorrect.



### S&P 500 industry monitor (2 of 2)

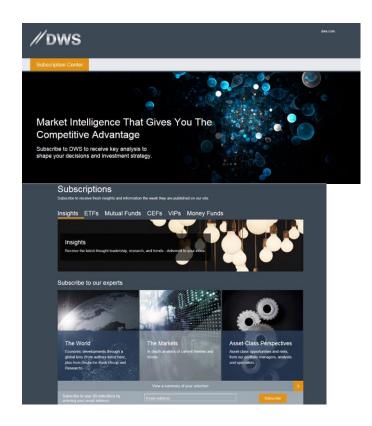
| Sector                 | Industry  | PE on 2023<br>EPS | PE on 2024<br>Consensus<br>EPS | 2024<br>Consensus<br>EPS Growth | 2025<br>Consensus<br>EPS Growth | 2024 EPS<br>3m<br>Revision | 3m Total<br>Return<br>Momentum | 2024 End<br>Upside<br>(Intrinsic<br>Valuation) | Combined<br>Signal |
|------------------------|---|-------------------|--------------------------------|---------------------------------|---------------------------------|----------------------------|--------------------------------|--|--------------------|
|                        | Industrial Conglomerates                              | 18.8              | 17.2                           | -3.0%                           | 9.6%                            | 2.1%                       | 4.9%                           | 1.1%   | 0                  |
|                        | Machinery   | 17.8              | 16.9                           | 0.6%                            | 4.9%                            | -0.7%                      | 0.8%                           | 5.0%   | -1                 |
|                        | Commercial Services & Supplies                        | 34.7              | 31.4                           | 31.8%                           | 10.5%                           | 0.3%                       | 4.3%                           | -34.5%   | 0                  |
|                        | Professional Services                                 | 27.3              | 24.7                           | 14.4%                           | 10.5%                           | 0.8%                       | 7.8%                           | -16.2%   | 0                  |
|                        | Air Freight & Logistics                               | 16.9              | 14.4                           | -10.0%                          | 17.0%                           | -4.9%                      | 1.8%                           | -3.0%  | -1                 |
|                        | Passenger Airlines                                    | 8.5               | 6.5                            | -22.9%                          | 30.6%                           | -19.7%                     | -9.0%                          | 32.2%  | -1                 |
|                        | Ground Transportation                                 | 27.6              | 21.8                           | 10.1%                           | 26.3%                           | 1.0%                       | 5.9%                           | -22.8%   | O                  |
| Information Technology |   | 30.2              | 24.9                           | 26.4%                           | 21.3%                           | 1.9%                       | -3.0%                          | -4.2%  | 1                  |
|                        | IT Services   | 22.9              | 21.5                           | 8.3%                            | 6.6%                            | 0.6%                       | 16.4%                          | 12.7%  | 0                  |
|                        | Software  | 32.5              | 28.6                           | 19.2%                           | 13.7%                           | 0.1%                       | -1.3%                          | 7.0%   | 0                  |
|                        | Communications Equipment                              | 18.2              | 17.5                           | -5.7%                           | 4.0%                            | 0.2%                       | 8.7%                           | 4.4%   | C                  |
|                        | Technology Hardware Storage & Peripherals             | 30.2              | 26.5                           | 17.2%                           | 13.8%                           | 2.3%                       | 10.6%                          | -13.1%   | 1                  |
|                        | Electronic Equipment Instruments & Components         | 22.5              | 19.8                           | 3.6%                            | 13.3%                           | 0.5%                       | -1.7%                          | 3.0%   | C                  |
|                        | Semiconductors & Semiconductor Equipment              | 31.4              | 22.5                           | 60.3%                           | 39.9%                           | 4.2%                       | -14.5%                         | -11.6%   | 1                  |
| Materials              |   | 22.4              | 19.1                           | -8.4%                           | 17.3%                           | -2.8%                      | 0.7%                           | -12.6%   | -1                 |
|                        | Chemicals   | 23.1              | 20.0                           | -8.1%                           | 15.6%                           | -2.7%                      | 2.9%                           | -8.2%  | -1                 |
|                        | Construction Materials                                | 28.2              | 23.7                           | 10.9%                           | 19.2%                           | -12.5%                     | -7.4%                          | -38.3%   | -1                 |
|                        | Metals & Mining                                       | 16.9              | 14.1                           | -15.0%                          | 20.0%                           | -0.6%                      | -5.0%                          | -13.0%   | -1                 |
|                        | Containers & Packaging                                | 27.2              | 22.4                           | -1.2%                           | 21.5%                           | -3.0%                      | 1.7%                           | -22.9%   | -1                 |
| Real Estate            |   | 40.3              | 37.4                           | 10.4%                           | 7.8%                            | 2.1%                       | 15.9%                          | -14.0%   | 1                  |
|                        | Industrial REITs                                      | 44.8              | 35.6                           | -13.6%                          | 25.6%                           | 16.5%                      | 16.3%                          | -7.0%  | 1                  |
|                        | Hotel & Resort REITs                                  | 16.9              | 17.3                           | -5.6%                           | -2.6%                           | -12.3%                     | -4.9%                          | 25.8%  | -1                 |
|                        | Office REITs  | 34.8              | 39.7                           | -17.4%                          | -12.1%                          | -1.8%                      | 27.5%                          | 67.1%  | -1                 |
|                        | Health Care REITs                                     | 86.2              | 70.5                           | 97.2%                           | 22.3%                           | -2.6%                      | 18.3%                          | -24.8%   | 1                  |
|                        | Residential REITs                                     | 43.1              | 47.0                           | -7.4%                           | -8.4%                           | 10.4%                      | 12.8%                          | -15.5%   | 1                  |
|                        | Retail REITs  | 32.5              | 31.5                           | -0.3%                           | 3.2%                            | 1.2%                       | 14.9%                          | -2.4%  | 1                  |
|                        | Specialized REITs                                     | 37.6              | 35.5                           | 24.8%                           | 5.9%                            | -1.0%                      | 16.9%                          | -3.1%  | 1                  |
|                        | Real Estate Management & Development                  | 38.3              | 28.7                           | 3.3%                            | 33.2%                           | 7.5%                       | 15.6%                          | -43.3%   | 1                  |
| Communication Services |   | 19.4              | 16.6                           | 31.8%                           | 16.8%                           | -2.6%                      | -4.9%                          | 17.0%  | -1                 |
|                        | Diversified Telecommunication Services                | 9.2               | 9.0                            | -8.0%                           | 2.8%                            | -0.6%                      | 8.7%                           | -5.5%  | 0                  |
|                        | Wireless Telecommunication Services                   | 20.8              | 17.2                           | 44.2%                           | 20.7%                           | 3.2%                       | 7.7%                           | -12.9%   | 1                  |
|                        | Media   | 10.3              | 9.9                            | 9.3%                            | 4.8%                            | 0.9%                       | 4.9%                           | -5.3%  | 0                  |
|                        | Entertainment   | 55.1              | 23.6                           | 5.0%                            | 133.4%                          | -47.5%                     | -2.7%                          | -0.7%  | -1                 |
|                        | Interactive Media & Services                          | 21.1              | 18.6                           | 59.0%                           | 13.8%                           | 2.6%                       | -7.9%                          | 29.1%  | 1                  |
| Utilities              |   | 18.8              | 17.3                           | 18.8%                           | 8.8%                            | 0.1%                       | 9.4%                           | 6.9%   | 1                  |
|                        | Multi-Utilities                                       | 19.1              | 17.4                           | 4.7%                            | 9.8%                            | -0.3%                      | 11.3%                          | -5.8%  | 0                  |
|                        | Water Utilities                                       | 27.4              | 25.4                           | 8.2%                            | 8.2%                            | 0.2%                       | 12.8%                          | -23.6%   | 0                  |
|                        | Gas Utilities   | 19.1              | 18.1                           | 11.9%                           | 5.3%                            | 0.2%                       | 14.7%                          | 1.9%   |                    |
|                        | Electric Utilities                                    | 19.1              | 17.7                           | 24.4%                           | 7.6%                            | 0.3%                       | 9.8%                           | 11.8%  | 1                  |
|                        | Independent Power and Renewable Electricity Producers | 11.4              | 9.5                            | 42.4%                           | 20.1%                           | 0.2%                       | -14.6%                         | 50.6%  | 0                  |
| S&P 500                | independent Fower and henewable Electricity Froducers | 22.6              | 19.6                           | 12.7%                           | 15.3%                           | -0.4%                      | 3.3%                           | -1.8%  |                    |

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