## Target Price:

## Upside: <br> 17\%

# Post Holdings, Inc. (NYSE: POST) 

Consumer Staples Food \& Beverage Sector
Sector Head: Sarah McKay
Senior Analyst: Roman Charan
Junior Analysts: Misha Chen, Samuel Burns, and Michael Fischler

## Company Overview

## Business Overview

Consumer packaged goods and food holding company with frequent M\&A activity, operating similar to a private equity firm

> Operates primarily in North America and the United Kingdom, holding a large and well-known presence in the U.S. and U.K. cereal markets

| Consumer packaged goods and food holding company with frequent M\&A |
| :---: |
| activity, operating similar to a private equity firm |

Most popular brands include Fruity Pebbles, Weetabix, Peter Pan Peanut Butter,
Kibbles n' Bits, Bob Evans, and Ronzoni Kibbles n' Bits, Bob Evans, and Ronzoni

## POST vs XLP \% Change



## Revenue Breakdown



## Key Information

| Current Share Price | $\$ 105$ |
| :--- | ---: |
| 52 Week Range | $\$ 79-\$ 107$ |
| Market cap. (in millions) | $\$ 6.37 \mathrm{~B}$ |
| Enterprise Value | $\$ 12.13 \mathrm{~B}$ |
| CEO | Robert Vitale |
| LTM EBITDA | $\$ 573 \mathrm{M}$ |

## Industry Overview

## Consumer Packaged Goods

Wide variety of ready-to-eat packaged, canned, frozen foods, and snacks spanning from RTE cereal, pet food, beverages, and frozen meals

Consumers preferences include appealing taste and packaging, easy to prepare items, and high nutritional value

Convenience food market expected to grow by $6.51 \%$ CAGR from 2024 2028, overall CPG market 5.40\% CAGR through 2030

Key Players


## POST Market Share



Recent Industry Trends


Convenient snacking and time-efficient meal preparations for consumers with a lack of expendable time

Health-conscious consumers focusing on foods with higher nutritional value and smaller packaging portions

Consumers will tend to not compromise the taste of their food in seeking healthier options

## Investment Thesis

## Trending Toward

- Able to access new markets and maintain a diverse portfolio through unique business model

Unique Story of Operations

Convenience

- Foodservice and ready-to-eat meals offer channels of accessibility in growing markets POST is established in
- POSTs entrance and reinvestment into the private label, refrigerated food, and pet food markets allows for consistent stable growth

Organic and InOrganic Growth

## Unique Story of Operations

## Competitive Business Model



Acquisitions

## Safe Exposure to Private Equity




Unique structure as an active M\&A holdings company allows for safe exposure into a private equity-like space as they prioritize optimizing their equity levels and creating reliable cash flow companies


POST continues to aggressively repurchase its own shares, pay down M\&A debt continually, and proactively reinvests earnings into developing their ventures



## Trending Toward Convenience

Ready-to-Eat Breakfast For The Family
Adapting To "Heat and Eat" Preferences


## Foodservice Resilience and Opportunities



Convenience
Immediate
usability removes labor from kitchen and lessens food safety risk


Value-Add Egg
Products
\#1 market share in side egg products with more than 50\% market share


Value-Add Potatoes
\#1 market share in side potato products with $75 \%$ market share

Frozen Food Market Growth

$30.2 \%$ market share in "heat and eat" meals with success in migrating customers to higher value-add products

## Profit and Value-Add Products



## Organic and In-Organic Growth

## Refrigerated Products Growth

60.5\% ownership in $8^{\text {th }}$ Avenue Foods, a subsidiary of Post Holdings operating primarily in the private label industry's most successful segments

Private Label Sales in the United States

## Private Label Entrance



## Pet Food Market



| Acquisition of Bob Evans Farms in 2018 has caused POST to <br> become the leader in refrigerated side dishes |
| ---: |
| Mix continues to grow on its own as consumer tailwinds of <br> convenience and ease-of-prep drive $\mathbf{6 \%}$ organic segment growth |
| Have expanded into breakfast refrigerated side dishes and have <br> \#1 market share in liquid egg space at $37 \%$ |

M\&A Business Model


## Valuation (Roman)



## Bear, Base, Bull, Cases (Roman)

## Bear vs. Bull Case



## Upside/Downside Analysis

| Bear Case | Base Case | Bull Case |
| :---: | :---: | :---: |
| Future M\&A transactions experience complications <br> Health Trends negatively impact sales and product mix | Future are successful and synergies are realized <br> POST successfully penetrates the pet food market and becomes key player | Future M\&A transactions experience complications <br> Health Trends negatively impact sales and product mix |
| Organic growth slows across refrigerated and ready to eat product slows <br> FWD EV/EBIT: 12.60x | Increase sales growth across multiple segments from strong organic growth and capitalizes on health trends <br> FWD EV/EBITDA: 10.49x | Organic growth slows across refrigerated and ready to eat product slows <br> FWD EV/EBITDA: 11.62 |

## Allocation with POST




Upside:
15\%

Thank you!
Questions

## Appendix Table of Contents

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Appendix K: Football Field, Weights
Appendix L: Sensitivity Tables
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Appendix O: Historical Scenarios
Appendix P: Private-Label Consumer Statistics
Appendix Q: Refrigerated Retail Mix

## Appendix A: Balance Sheet



## Appendix B: Income Statement



## Appendix C: IS Drivers

| Drivers |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sales | 5699 | 6227 | 5851 | 6991 | 8232 | 8691 | 9181 | 9659 | 10093 |
| Sales Growth |  | 5.74\% | 17.44\% | 19.46\% | 17.76\% | 5.57\% | 5.64\% | 5.20\% | 4.50\% |
| Percentage of Sales |  |  |  |  |  |  |  |  |  |
| COGS | 3911 | 4412 | 4384 | 5109 | 5983 | 6119 | 6464 | 6800 | 7106 |
| COGS Margin | 68.63\% | 70.86\% | 74.92\% | 73.08\% | 72.68\% | 70.41\% | 70.41\% | 70.41\% | 70.41\% |
| Gross Profit | 1787 | 1814 | 1468 | 1882 | 2249 | 2374 | 2508 | 2638 | 2757 |
| Gross Margin | 31.37\% | 29.14\% | 25.08\% | 26.92\% | 27.32\% | 27.32\% | 27.32\% | 27.32\% | 27.32\% |
| Selling, general and administrative expenses | 934 | 974 | 905 | 1078 | 1281 | 1375 | 1361 | 1431 | 1496 |
| SG心A \% of Sales | 16.39\% | 15.64\% | 15.46\% | 15.43\% | 15.57\% | 15.82\% | 14.82\% | 14.82\% | 14.82\% |
| Amortization of intangible assets | 160 | 194 | 146 | 161 | 218 | 231 | 244 | 256 | 268 |
| Amortization \% of Sales | 2.81\% | 3.12\% | 2.50\% | 2.30\% | 2.65\% | 2.65\% | 2.65\% | 2.65\% | 2.65\% |
| Other operating expenses (income), net | -8 | -10 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| Other expenses \% of Sales | -0.14\% | -0.16\% | 0.02\% | 0.02\% | 0.02\% | 0.02\% | 0.02\% | 0.02\% | 0.02\% |
| Operating Income | 701 | 656 | 416 | 599 | 747 | 767 | 902 | 949 | 991 |
| EBIT Margin | 12.29\% | 10.53\% | 7.10\% | 8.57\% | 9.07\% | 8.82\% | 9.82\% | 9.82\% | 9.82\% |
| Interest expense, net | 389 | 376 | 318 | 279 | 458 | 484 | 511 | 538 | 562 |
| Interest expense \% of Sales | 6.82\% | 6.04\% | 5.43\% | 3.99\% | 5.57\% | 5.57\% | 5.57\% | 5.57\% | 5.57\% |
| Loss on extinguishment of debt, net | 73 | 95 | -73 | -41 | 20 | 21 | 23 | 24 | 25 |
| \% of Sales | 1.28\% | 1.52\% | -1.24\% | -0.58\% | 0.25\% | 0.25\% | 0.25\% | 0.25\% | 0.25\% |
| (Income) expense on swaps, net | 187 | -123 | -268 | -40 | -79 | -83 | -88 | -93 | -97 |
| \% of Sales | 3.28\% | -1.97\% | -4.58\% | -0.57\% | -0.96\% | -0.96\% | -0.96\% | -0.96\% | -0.96\% |
| Gain on Investment in BellRing | 0 | 0 | -437 | -5 | 0 | 0 | 0 | 0 | 0 |
| \% of Sales | 0.00\% | 0.00\% | -7.47\% | -0.07\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| Other income, net | -12 | -29 | -20 | -8 | -23 | -24 | -26 | -27 | -28 |
| \% of Sales | -0.20\% | -0.47\% | -0.34\% | -0.11\% | -0.28\% | -0.28\% | -0.28\% | -0.28\% | -0.28\% |
| Pre-Tax Income | 63 | 337 | 895 | 413 | 370 | 369 | 482 | 507 | 530 |
| \% of Sales | 1.11\% | 5.42\% | 15.30\% | 5.91\% | 6.93\% | 6.93\% | 6.93\% | 6.93\% | 6.93\% |
| Income tax expense | 3 | 84 | 86 | 100 | 89 | 93 | 99 | 104 | 109 |
| \% of Sales | 0.06\% | 1.35\% | 1.47\% | 1.42\% | 1.08\% | 1.08\% | 1.08\% | 1.08\% | 1.08\% |
| Equity method loss, net of tax | 31 | 44 | 67 | 0 | 49 | 52 | 55 | 58 | 61 |
| \% of Sales | 0.54\% | 0.71\% | 1.15\% | 0.00\% | 0.60\% | 0.60\% | 0.60\% | 0.60\% | 0.60\% |

## Appendix D：Statement Of Cash Flows

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## Appendix E: Cash Flow Projections

| Post Holdings Inc. (NYSE: POST) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CapEx and D\&A Projections | FY2020 | FY2021 | FY2022 | 2023E | 2024E | 2025E | 2026E | 2027E | 2028E |
| Capital Expenditures | \$19.9 | \$733.0 | \$49.8 | \$302.5 | \$356.2 | \$160.1 | \$123.6 | \$241.9 | \$191.5 |
| Revenue | 5698.7 | 6226.7 | 5851.2 | 6991 | 8232 | 8691 | 9181 | 9659 | 10093 |
| \% of Sales | 0.35\% | 11.78\% | 0.85\% | 4.33\% | 4.33\% | 1.84\% | 1.35\% | 2.51\% | 1.90\% |
| Depreciation \& Amoritization | \$916.9 | \$94.1 | \$207.5 | \$649.6 | \$764.9 | \$451.6 | \$140.6 | \$275.3 | \$315.6 |
| \% of Capital Expenditures | 4607.54\% | 12.84\% | 416.67\% | 214.75\% | 214.75\% | 282.06\% | 113.79\% | 113.79\% | 164.75\% |

## Appendix F: Net Working Capital

Post Holdings Inc. (NYSE: POST)

| NWC Projections (in $\$ \mathrm{mn})$ | FY19 FY | FY20 | FY 21 | FY 22 | FY 23 | FY 24E | FY 25E | FY 26E |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Current Assets:

| Receivables | 441.6 | 553.9 | 544.2 | 512.4 | 1,086.0 | 1,146.5 | 1,211.3 | 1,545.9 | 1,477.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Days Sales Outstanding | 27.9 | 32.0 | 33.5 | 99.2 | 48.2 | 48.2 | 48.2 | 58.4 | 53.4 |
| Inventory | 599.4 | 594.5 | 549.1 | 789.9 | 837.8 | 839.7 | 894.1 | 965.7 | 1,074.1 |
| Inventory Days | 55.2 | 48.5 | 45.1 | 55.7 | 51.1 | 50.1 | 50.5 | 51.8 | 55.2 |
| All other current assets | 53.4 | 113.5 | 98.4 | 59.0 | 121.9 | 128.7 | 135.9 | 143.0 | 184.0 |
| \% of Revenue | 0.94\% | 1.82\% | 1.68\% | 0.84\% | 1.48\% | 1.48\% | 1.48\% | 1.48\% | 1.82\% |
| Total current assets | 1,094.4 | 1,261.9 | 1,191.7 | 1,361.3 | 2,045.7 | 2,114.9 | 2,241.3 | 2,654.6 | 2,735.2 |



## Appendix G: Revenue Build

| Post Holdings Inc. (NYSE: POST) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue Build (in \$mn) |  |  |  |  |  |  |  |  |  |
| Quarter End | FY20 | FY 21 | FY 22 | FY 23E | FY 24E | FY 25E | FY26E | FY27E | FY28E |

1915
$1.73 \%$
2243
$17.10 \%$
3033
$35.23 \%$

3979
$31.19 \%$

544
Weetabix
\% Growth

Foodservice and Refrigerated Retail
\% Growth

Total Revenue
\% Growth

440
478
477
$-0.04 \%$
512
$7.29 \%$

2323
2590
$11.50 \%$
3132
$20.91 \%$

3446 $10.03 \%$

3709
$7.64 \%$

4713
4983
$5.74 \%$
$5.74 \% \quad 17.44 \%$

6991
19.46\%

8232
8232
$17.76 \%$
86919181.498915
$5.57 \% \quad 5.64 \%$

## Appendix H: Beta \& WACC

| Post Holdings Inc. (NYSE: POST) |  |
| :--- | ---: |
| WACC |  |
| MV Equity | 6,360 |
| $\quad$ Share Price | $\$ 106.00$ |
| $\quad$ Shares Outstanding | 60 |
| Market Return | $9 \%$ |
| Risk Free Rate | $4.17 \%$ |
| Equity Risk Premium | 0.0483 |
|  |  |
| Beta | 0.71434668 |
| Cost of Equity | $7.6 \%$ |
|  | 6039 |
| MV Debt | $4 \%$ |
| Credit Spread | $20 \%$ |
| Implied Tax Rate | $6.14 \%$ |
| Cost of Debt |  |
|  |  |
| Weight of Equity | 0.512944592 |
| Weight of Debt |  |
|  |  |
| WACC | $7 \%$ |


| Beta Calculation |  |
| :--- | ---: |
| Covariance | 0.000244357 |
| Variance | 0.00034207 |
| Beta | 0.71434668 |

## Appendix I: DCF

| Post Holdings Inc. (NYSE: POST) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Discounted Cash Flow <br> Figures in Millions USD | FY 20 | FY 21 | FY22 | FY 23 | FY 24E | FY 25E | FY 26E | FY 27E | FY 28E |
| Revenue | 4,712.5 | 4,982.9 | 5,851.8 | 6,990.8 | 8,232 | 8,691 | 9,181 | 9,659 | 10,093 |
| \% Growth |  | 5.74\% | - 17.44\% | 19.46\% | 17.76\% | 5.57\% | 5.64\% | 5.20\% | 4.50\% |
| EBIT | 700.5 | 655.7 | 415.6 | 598.9 | 747 | 767 | 902 | 949 | 991 |
| EBIT Margin | 14.86\% | 13.16\% | 7.10\% | 8.57\% | 9.07\% | 8.82\% | 9.82\% | 9.82\% | 9.82\% |
| Tax Rate | -46.40\% | 27.20\% | - $9.60 \%$ | 24.10\% | 20.00\% | 20.00\% | 20.00\% | 21.00\% | 21.00\% |
| NOPAT | 1,025.5 | 477.3 | 375.7 | 454.6 | 598 | 613 | 721 | 749 | 783 |
| Plus: D\&A | 916.9 | 1,039.0 | 959.1 | 650 | 765 | 452 | 141 | 275 | 316 |
| Less: CapEx | -19.9 | -733.0 | -4.8 | -302.5 | -356.2 | -160.1 | -123.6 | -241.9 | -191.5 |
| Less: Change in NWC | 0.0 | 145.2 | 38.9 | 188.1 | 184.1 | 211.6 | 219.0 | 246.0 | 283.8 |
| FCFF | 1,922.53 | 638.15 | 1,291.10 | 613.56 | 822.28 | 693.26 | 519.50 | 536.83 | 623.40 |
| Discount Factor |  |  |  | 1 | 2 | 3 | 4 | 5 | 5 |
| Terminal Value (growth) |  |  |  | 12128.58 | 16254.25 | 13703.87 | 10269.10 | 10611.82 | 12322.94 |
| Terminal Value (multiple) |  |  |  | 13099.34 | 15863.84 | 12782.92 | 10937.80 | 12842.52 | 13712.53 |
| Cash Flows (growth) |  |  |  | 613.56 | 822.28 | 693.26 | 519.50 | 536.83 | 623.40 |
| Cash Flows (multiple) |  |  |  | 613.56 | 822.28 | 693.26 | 519.50 | 536.83 | 623.40 |
| PV of CF (growth) |  |  |  | 655.88 | 939.62 | 846.83 | 678.34 | 749.33 | 930.18 |
| PV of CF (multiple) |  |  |  | 655.88 | 939.62 | 846.83 | 678.34 | 749.33 | 930.18 |

## Appendix I: DCF

| Gordon Growth |  |
| :--- | ---: |
| Final Year FCFF | $\mathbf{6 2 3 . 4 0}$ |
| WACC | $\mathbf{6 . 9 0 \%}$ |
| Terminal Growth | $\mathbf{1 . 7 5 \%}$ |
| Terminal Value | $\mathbf{1 2 3 2 2 . 9 4}$ |
| PV of Terminal Value | $\mathbf{8 2 5 8 . 7 1}$ |
| Enterprise Value | $13,058.90$ |
| Less: Debt | 6,039 |
| Plus: Cash | $9,113.20$ |
| Equity Value |  |
|  | 60 |
| Diluted Shares Outstanding | 118.55 |
| Price Per Share | $11.84 \%$ |
| Upside |  |


| Terminal Multiple |  |
| :--- | ---: |
| EV /EBITDA | $\mathbf{1 0 . 4 9}$ |
| Terminal EBITDA | $\mathbf{1 , 3 0 7}$ |
| WACC | $\mathbf{6 . 9 0 \%}$ |
| Terminal Value | $\mathbf{1 3 7 1 2 . 5 3}$ |
| PV of Terminal Value | $\mathbf{9 1 9 0 . 0 0}$ |
| Enterprise Value | 13990.19 |
| Less: Debt | 6,039 |
| Plus: Cash | 9044.49 |
| Equity Value |  |
|  |  |
|  |  |
| Diluted Shares Outstanding | 134.07 |
| Price Per Share | $26.49 \%$ |
| Upside |  |

## Appendix J: Comparable Companies



## Appendix K: Football Field, Weights



## Appendix L: Sensitivity Tables

WACC

Growth Rate

|  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  | $4.90 \%$ | $5.90 \%$ | $6.90 \%$ | $7.90 \%$ | $8.90 \%$ |
| $0.75 \%$ | 170.36 | 125.11 | 95.03 | 73.73 | 57.95 |
| $1.25 \%$ | 197.40 | 141.41 | 105.75 | 81.21 | 63.40 |
| $1.75 \%$ | 233.03 | 161.65 | 118.55 | 89.90 | 69.60 |
| $2.25 \%$ | 282.12 | 187.44 | 134.11 | 100.13 | 76.74 |
| $2.75 \%$ | 354.07 | 221.42 | 153.42 | 112.35 | 85.04 |

WACC

EV/EBITDA

|  | $4.90 \%$ | $5.90 \%$ | $6.90 \%$ | $7.90 \%$ | $8.90 \%$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 8.49 | 119.75 | 112.07 | 104.88 | 98.14 | 91.83 |
| 9.49 | 136.10 | 127.52 | 119.48 | 111.95 | 104.89 |
| 10.49 | 152.45 | 142.96 | 134.07 | 125.75 | 117.95 |
| 11.49 | 168.80 | 158.41 | 148.67 | 139.56 | 131.01 |
| 12.49 | 185.15 | 173.85 | 163.27 | 153.36 | 144.08 |

## Appendix M: Portfolio Equity Styles

Staples with POST
Staples Current


# Appendix N: Historical Risk \& Return 

| Portfolio | Performance Type | Last <br> Month | Last <br> Quarter | Year To Date | 1-Year | 3 Year | 5 Year | 10 Year | Since Inception | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Staples with POST | Gross of an advisory fee | 8.53\% | 15.52\% | 10.14\% | - | - | - | - | 14.89\% | 6/30/23 |

## Appendix O: Historical Scenarios

$10-Y r$ US Treasury Rate Rises $1 \% ~-2.92 \%$
10-Yr US Treasury Rate Rises 1\% ©
-2.92\%

Inflation Expectations Rise 1\% ©
+4.00\%
+\$3,996
$\int$ Bonds / Credit Quality
High Yield Spreads Widen 30\%
-4.95\%

0 Equities
US Large Cap Stocks Fall 15\% ©
-9.64\%

Stock Market Volatility Rises $15 \%$ © $\quad-5.92 \%$
$\int$ Past Market Events

## Appendix P: Private-Label Consumer Statistics

Nearly 40 percent of consumers have tried new products or brands during the COVID-19 crisis.

Consumer brand choice during COVID-19 crisis, Sept 2020 results

$\mathbf{4 0} \%$ of respondents who switched brands will likely continue purchasing the new brand after the COVID-19 crisis (up from $12 \%$ in Mar 2020) ${ }^{3}$

[^0]
## Appendix Q: Refrigerated Retail Mix

Refrigerated Retail: Quality of Mix Improves

Volume by Product at Acquisition (2Q'18)


Volume by Product Current (1Q’24)


Anticipated volume growth rates: ${ }^{(1)}$

- Side dishes: $5 \%$
- Egg: 1\%
- Cheese and sausage: 0\%


[^0]:    Nate Figures may not sum to 100 at because of roundra
    
    
    
    \& Company

