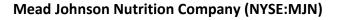


Initiating Coverage Report

Senior Analyst: Valay Shah

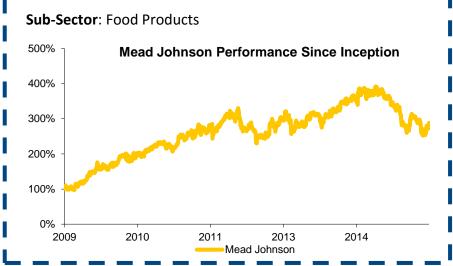


Porftolio Manager: Kobisan Rasaratnam



March 20, 2016

Sector: Consumer Staples



Current Price: 75.79

Target Price: \$80.79

Upside: 6.6%

Recommendation: HOLD I



Financial Overview

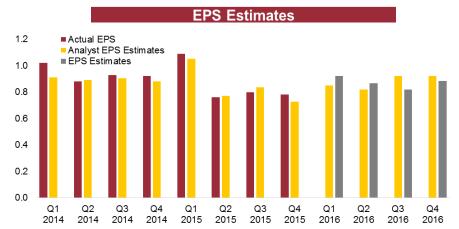
| Market Data | | | | | | | | | | |
|----------------|------------|--|--|--|--|--|--|--|--|--|
| Share Price | \$75.79 | | | | | | | | | |
| Market Cap | \$13,410 M | | | | | | | | | |
| Net Debt | \$1,322 M | | | | | | | | | |
| EV | \$14,732 M | | | | | | | | | |
| Dividend Yield | 2.3% | | | | | | | | | |
| Beta (5 Year) | 0.98 | | | | | | | | | |
| Credit Rating | BBB | | | | | | | | | |

| Multiples | |
|----------------|-------|
| EV/Revenue LTM | 3.9x |
| EV/Revenue NTM | 4.0x |
| EV/EBITDA LTM | 14.5x |
| EV/EBITDA NTM | 14.9x |
| P/E LTM | 23.6x |
| P/E NTM | 22.1x |
| MC/LFCF | 18.2x |

| LTM Income Profile | | | | | | | | | | |
|--------------------|-----------|--|--|--|--|--|--|--|--|--|
| Revenue | \$4,071 M | | | | | | | | | |
| Gross Profit | \$2,616 M | | | | | | | | | |
| EBIT | \$936M | | | | | | | | | |
| Net Income | \$654M | | | | | | | | | |
| NI Margin | 16.0% | | | | | | | | | |
| LTM Diluted EPS | \$3.3 | | | | | | | | | |
| NTM Diluted EPS | \$3.5 | | | | | | | | | |

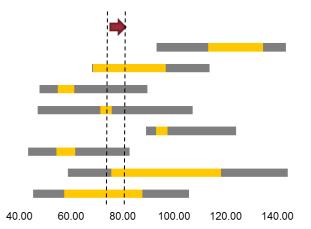
| Ratios | |
|-----------------|-------|
| D/E | 21% |
| ROA | 15.1% |
| ROC | 25.7% |
| Debt/EBITDA | 2.8x |
| EBITDA/Interest | |
| Expense | 14.6x |

20.00



160.00

Comparables LTM P/E
Comparables LTM EV/EBITDA
Comparables LTM EV/Revenues
Comparables NTM P/E
Comparables NTM EV/EBITDA
Comparables NTM EV/Revenues
DCF Exit Multiple
DCF Perpetuity



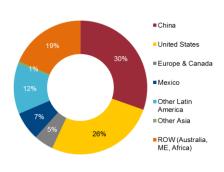


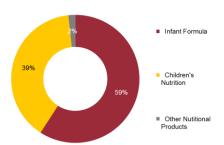
Executive Summary

Our current valuation of Mead Johnson provides a 12 month target price of \$80.81, compared to its closing price of \$75.79 on March 8, 2016. This implies a capital gain upside of 6.6% along with an estimated dividend yield of 2.3%, and a \$1.81 dividend per share for fiscal 2016. The projected earnings per share for fiscal 2016 is \$3.49/share. Our investment recommendation for this equity is HOLD.



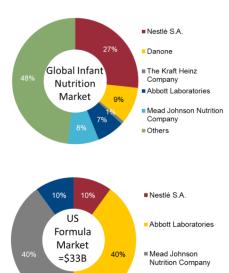
With more than 70 product offerings in over 50 markets worldwide, Mead Johnson operates in the infant formula and foods industry and has over 100 years' worth of experience manufacturing, distributing, and selling infant formulas, children's nutrition, and other nutritional products. In 2009, the company successfully completed its IPO and became a public enterprise. Its product mix contains the well-recognized and highly renowned baby formula brand "Enfamil". Mead Johnson's children nutrition products are primarily composed of milk powder and milk concentrate for young toddlers. Almost 60% of their revenues are generated from the sale of their infant formula products. The other 40% is overwhelmingly composed of children's nutritional products the majority of which are milk-based powders and products. As a result of their heavy reliance on milk powders as an input, they can be categorized as a pure play company within this industry due to the similarity of their product offerings. Mead Johnson derives over 50% of their sales from China and the United States. Mead Johnson sells through a variety of distribution channels from grocery stores, to wholesalers, to drug stores, to baby food specialty stores, and increasingly through e-commerce channels.





Industry Overview

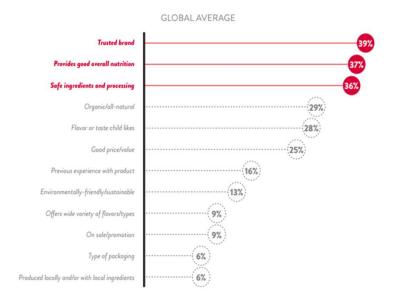
The industry that Mead Johnson operates in can be characterised as an oligopoly with four main players constituting over 50% of the worldwide baby nutrition market. Along with Mead Johnson, the other three big players are Nestlé (VTX: NESN), Danone (EPA: BN), and Abbott Laboratories (NYSE: ABT). The other three major players within this industry segment are all giant conglomerates thus rendering Mead Johnson as the only pure play company within the industry. The U.S infant formula market is predominately dominated by Abbot Laboratories and Mead Johnson with both companies commandeering 40% of the market share in that region. The Chinese market offers the greatest potential for growth for the baby formula products and as a result this market is intensely competitive with Mead Johnson leading the way at 12% of Chinese baby formula market share.



Brand image and reputation of products is the biggest catalyst in maintaining longterm financial success for the companies within this industry. The 2008 Chinese Melamine milk scandal further demonstrated the importance of this fact with

TRUST, GOOD NUTRITION AND SAFETY ARE TOP BABY FOOD PURCHASE ATTRIBUTES

Most important baby food purchase attributes



many Chinese consumers only willing to buy premium baby formula products now from reputable companies and recognized brand names. Some prominent brand names within this industry are Mead Johnson's *Enfa*-products, Nestlé's *Gerber* products, Danone's *Dumex* product line, and Abbot's *Similac* brand.

As one would expect in such an industry, there are high barriers to entry in the vast majority of countries due to the countless approvals and regulations companies need to abide by in order to have their formula products sold to customers. In addition to this, the importance of brand name and brand image is paramount and as a result, many new companies would have trouble appealing to parents as their brand will be relatively unknown compared to the big four formula companies.



Consumer preferences in the Asia-Pacific help the industry as the vast majority of the population there believes baby formulas to be more beneficial to their infant's development than traditional breast milk. With companies notoriously marketing the benefits of formula over baby milk, this perception is further solidified in the Asia-Pacific as formula contains iron which breast milk does not contain and companies such as Mead Johnson have also launched new product lines under their "enhanced infant formula" such as the *Enfamil Lipid* products which claim to better the eyesight of infants. Some infant formulas are further enhanced with

docosahexaenoic acid (DHA) and arachidonic acid (ARA) which are omega-3 fatty acids found in breast milk and certain foods, such as fish and eggs. Some studies suggest that including DHA and ARA in infant formula can help infant eyesight and brain development, but other research has shown no benefit. Regardless of scientific evidence, marketing these formulas as enhanced nutrition for infants only further solidifies the perception among parents that infant formula is indeed superior to breast milk and thus funnels increased revenues to corporations selling baby formula. These enhanced formula product lines are also marked up in price and are often sold at hefty premiums which generate large margins for companies selling them.

Global demographic trends are also expected to support the growth of the industry. The enactment of the two child policy in China effective starting January 1, 2016 is expected to add another 85 million babies by the year 2020. In other parts of the world, child birth rates are declining steadily as increased education is having the impact of couples choosing to produce fewer babies amongst themselves. However, the declining population growth is offset by an increase in wealth as a larger working class can afford to purchase more expensive premium baby formula products. In addition to this, there has been an uptick of mothers across the globe, and most profusely in Latin America, going back to work upon having a baby instead of staying at home. As a result of the increasingly on-the-move lifestyles of parents, the demand for formula products, and specifically concentrate formula products, is expected to grow.

The industry is fairly price inelastic especially outside of North America. Globally, only 13% of parents seek out baby food for the lowest price compared to 30% for the North American region. Europe is the least susceptible to price changes as only 9% of parents indicated that they seek out baby food with the lowest price. Globally, 41% of parents stated that they buy from whatever brand they want, regardless of price. Here, Africa and the Middle East lead with 45% of parents

PRICE IS AN IMPORTANT BABY FOOD PURCHASE DRIVER rcentage of respondents that selected the statement I always seek out baby food with the lowest price, regardless of what the brand is. I have a limited set of baby food brands I'm willing to buy, and I choose the least expensive one out of that set. I buy whatever brand I want, regardless of price. 13% 46% 11% 13% 45%

having the same notion meanwhile only 23% of North American products are loyal to one particular brand regardless of the price. In the Asia-Pacific region, the 45% of parents stated that they buy the cheapest formula available from a limited set of baby food brands, 42% of parents buy from just one brand regardless of price, and only 13% always seek out the lowest price available, regardless of the brand. From these results, brand loyalty and price inelasticity seem to be prevalent within the industry.

Word-of-mouth is the most effective method to market products within this industry. Recommendations from family/friends are the biggest catalyst for parents to switch brands. Lowering prices is the sixth most important driver for parents to switch brands thus once again giving credence to the idea that the industry is fairly price inelastic. Traditional venues of advertising such as advertising

> through television, magazines, and newspapers are the second most prevalent sources for influencing purchases.

> Some risks that the industry faces are increased consumer awareness about the benefits of break milk as opposed to baby formula products. The government of China aims to have 50% of its mothers breastfeeding by the year 2020. Currently, this number stands at merely 22%. Percentage of babies being breastfed for the entirety of 24 months is fairly low in most parts of the world with the developed world typically having less than 10% of their babies breastfed for the entire 24 month period while in developing nations, this percentage does rise somewhat to 15-20%. In the Western world, increased consumer awareness about the mental and emotional benefits of breast feeding has increased rates of breast feeding in recent years,

albeit slowly. Another contributing factor to shifting consumer preferences away from premium brands in North America is due to rigorous standards imposed by government regulators upon this industry. The difference between premium brands and nonpremium brands is minimal at best as all companies have to abide by the same regulations and standards which are imposed by the FDA in America.

This industry is also characterised by its fervent competition. Large marketing dollars are spent to convince parents of the superiority of their brands compared to their competitors. Recently, more marketing is also needed to persuade parents to feed their infants formula rather than to breastfeed their babies. Since most premium baby formula products are uniform regardless of brand, parents will

WORD-OF-MOUTH AND TRADITIONAL ADVERTISING ARE MOST IMPACTFUL BABY FOOD SOURCES

Sources used to learn about baby food products and for influencing purchases GLOBAL AVERAGE

FOR LEAR

19%

16%

13%

12%

7%

6%

WORD-OF-MOUTH Recommendation from Friends/Family 38% Recommendation from Baby Health Experts (e.g., doctor, nurse) 36% 34% TRADITIONAL TV Advertising 33% 23% Parenting Magazines 22% 14% Magazine or Newspaper Advertising 16% 6% 7% 3% Products on Shelf in Store 30% 17% Special Displays In Store or In-Store Sales/Promotions 18% 8% Store Circula 14% 5% ONLINE Parenting Websites 26% 17% Baby Blogs 19% 11% Brand/Manufacturer Website, Email or Mobile App 19% 11%

WORD-OF-MOUTH COMMUNICATIONS IS THE BIGGEST SWITCHING DRIVER FOR BABY FOOD Most important reasons for switching baby food brands

Social Media (e.g., Focebook)

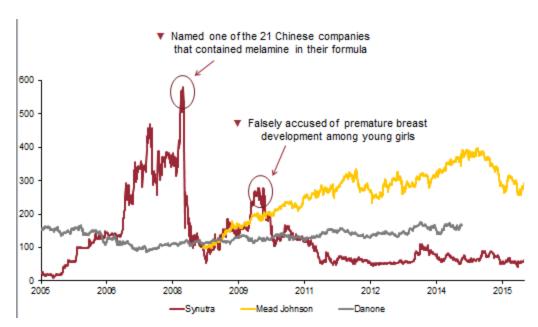
Store Website, Email or Mobile App

Other Websites or Mobile Apps

Online Advertising

| | Global | North America | Europe | Latin America | Africa/ Middle East | Asia- Pacific |
|--|--------|------------------|--------|------------------|------------------------|------------------|
| Feedback from family/friends | 40% | 26% | 31% | 26% | 33% | 47% |
| Recommendation of health care specialist | 34% | 15% | 23% | 39% | 37% | 37% |
| Medical reason | 23% | 12% | 22% | 30% | 31% | 21% |
| Promotion | 21% | 25% | 23% | 27% | 15% | 19% |
| Internet/blog information | 19% | 19% | 9% | 11% | 15% | 24% |
| Lower cost \$ | 18% | 33% | 26% | 22% | 21% | 14% |
| Out of stock | 17% | 12% | 25% | 22% | 26% | 14% |
| TV advertisement | 17% | 14% | 8% | 13% | 19% | 21% |
| Product display | 11% | 7% | 9% | 11% | 10% | 13% |
| Coupon 96 | 9% | 19% | 10% | 4% | 7% | 9% |
| | | | | | | |

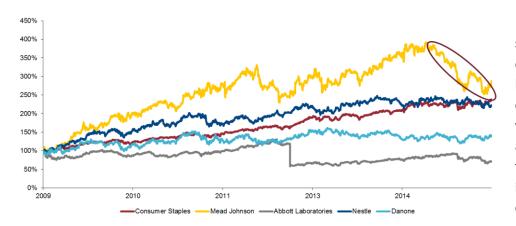
often buy formula which is recommended to them by their friends or health care experts. Since corporations cannot control word-of-mouth interactions between potential consumers, they invest a lot of money towards advertising through traditional media. The high levels of competition also have led companies to be mired in various scandals in the last few decades. Nestlé still has a boycott enacted on them by Baby Milk Action as a result of their aggressive marketing tactics in the 1970s in developing nations which led to the deaths of several hundred infants in impoverished countries. In addition to this, Save the Children discovered that Nestlé's sales representatives had been disguising themselves as nurses and selling to new mothers in hospitals in China. Danone has also come under fire for false marketing tactics by slapping on UNICEF and WHO logos onto their products as well as instigating panic buying among consumers in the UK by declaring that their baby formula products were in limited supply. Nestlé and Danone are also embroiled in a bitter rivalry which has seen Nestlé winning a bidding war against Danone for Pfizer's infant nutrition segment in 2012. Abbott Laboratories has had a history of price fixing settlements dating back to the 1970s along with a more recent recall of baby formula products due to cases of botulism among infants being fed their products. Mead Johnson has not escaped scrutiny either as they settled a \$12 million case with the SEC regarding bribery accusations from Chinese hospitals



claiming that health providers were bribed by Mead Johnson to promote their baby formula to mothers of newborn babies which is strictly outlawed in China. Such scandals have the effect of destroying large swaths of value for companies as public perception is of utmost importance within this industry. As example of the disastrous impact of the Chinese Milk Scandal in 2008 is displayed on the left where Synutra, one of the 21 Chinese companies that was found to have its products

laced in melamine, had its enterprise value destroyed and their share price has still not recovered to this day. This example demonstrates the biggest risk that companies in this industry face – once public confidence in your company has been shattered, it is almost impossible to repair.

Financial Analysis



Mead Johnson's share price declined steadily from mid-2014 until the end of 2015. Since then the share price has somewhat rebounded. The main contributors towards that decline were back-to-back EPS misses in Q2 and Q3 of 2015 coupled with a sales forecast downgrade from 6% to 4% in Q2 2015 by the CEO of the company. The CEO commented that Mead Johnson's previous sales

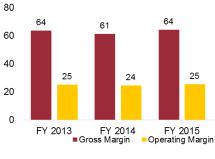
forecast were too optimistic about the Chinese market and thus he expected sales to grow at 4% for fiscal 2016.



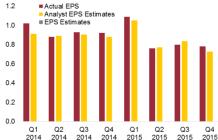
- 1. Dairy Decline China is producing more milk domestically and reducing imports. There was 40% YoY decrease in
- imported milk powder in China in 2015.
 2. <u>Supply Glut</u> China's reduction has caused a global supply glut which means MJN and its competitors have lower input costs; but this has led to competitors slashing prices which forced MJN to cut prices in Q2 2015 or
- 3. <u>Importance of Imports</u> Market share and customer loyalty is paramount in this industry; once a customer switches, it can be hard to persuade them to switch back if the baby responds better to the new product. MJN introduced its first FULLY imported product in China in April 2015 (prior to this, the products were finished in China). Due to the 2008 scandal, mothers want products which are not touched in China. MJN took 7 long years to implement this.
- 4. <u>Shifting Consumer Trends</u> Government has implemented a two year plan to encourage mothers to breastfeed and wants the overall breastfeeding rates to rise to 50% (currently at 30% in rural areas and 16% in urban areas). Formula companies in China are not allowed to hand out free samples or market the products in hospitals. On July 28, 2015, MJN settled \$12m with the SEC regarding illegally marketing products in Chinese hospitals.

All of these factors contributed to the decline in share value displayed in the graph above.

CAGR revenues from 2011 to 2015 have increased by 4%. Exclusion of the fiscal 2015 year gives a CAGR from 2011 to 2014 of 6%. Historically, the company has had a beta of close to 1.0 thus implying that Mead Johnson is highly correlated with the trends of the market. Given the industry that Mead Johnson operates in, it is highly unlikely that the company reacts this strongly to fluctuations in economic trends. The beta of 1.0 is likely a result of the timing of MJN's IPO. By going public in 2009, the worst of the Great Recession was already behind us and as a result, the reaction of Mead Johnson's share price to a recessionary market was not observable.



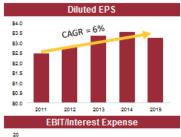
risk losing market share.



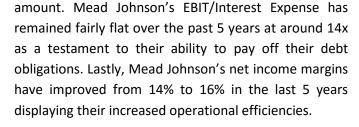
Mead Johnson's gross margins have consistently remained between 60-65% with operating margins staying constant at around 25%. Mead Johnson's ability to charge high prices for their products stems from their brand recognition and the reputation of their brand.

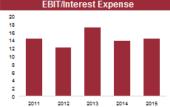
Mead Johnson has also consistently outperformed analyst EPS estimates. Q2 and Q3 of 2015 are exceptions to this caused primarily due to the low dairy prices in China causing a flood of new competitors offering cheaper prices for baby formula. This ultimately put pressure on premium baby formula companies to reduce their prices as well thus cutting into margins. In addition to this, the \$12 million settlement by Mead Johnson for illegally bribing doctors in Chinese hospitals to promote their brand also hurt earnings.

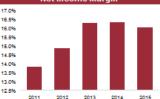
Mead Johnson's diluted EPS has also seen a growth of 6% from 2011 to 2015. Over the same time frame, levered free cash flows have increased by the same





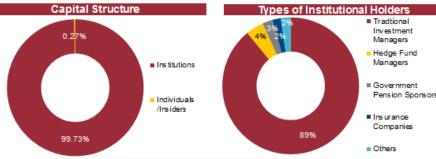




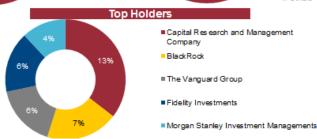


Management Team and Ownership Structure

Mead Johnson is owned primarily by institutions of which 89% are traditional investment managers. This



shows long-term confidence in Mead Johnson and further highlights its position as a value investment. The top holders of Mead Johnson are also all very reputable equity management funds as can be seen on the figure to the left.



Mead Johnson's current management team is also further highlighted below.

Management Team



COO and Executive VP Charles M. Urbain



CEO and President Kasper Jakobsen

Compensation: \$2.4M (\$1M Cash, 1.4M Equity)

Past Experience: Worked for PwC before joining MJN and moved up the ranks until he became the GM of the Philippines

Current Role: Assumed position in September 2015; leads company's commercial operations and guides MJN's external affairs Compensation: \$7M (2M Cash Compensation, 5M Equity)

Past Experience: Marketing roles for Unilever in the Asia Pacific region -> joined MJN in 1998 to develop MJN's china growth strategy -> VP of Asia Pacific -> become president of the Americas -> COO and Executive VP in January 2012 -> CEO and president

Current Role: Appointed to the BoD.

Current Role: Appointed to the BoD of the company in June 2012 and become CEO and President

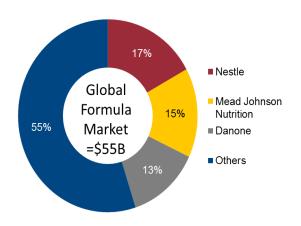


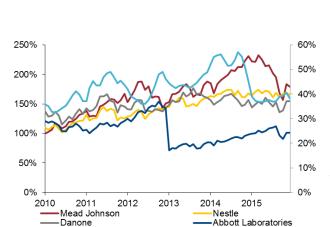
CFO and Executive VP Michel Cup

Compensation: \$3.3M (\$1.4M Cash, \$1.9M Equity)

Past Experience: Held several senior finance roles until 2008 at Danone and Numico before serving as CFO in a variety of businesses in Europe and he was at D.E Master Blenders as a CFO before joining MJN

Current Role: Assumed position in September 2015 as CFO





Milk Prices

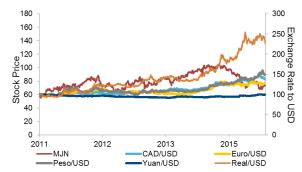
Investment Catalysts

Mead Johnson is the only pure play company within the top 4 baby formula giants. This lack of diversity amplifies all of the industry strengths and enables it to perform better than its competitors with favourable market conditions such as low dairy prices. Mead Johnson is also second in global market share in the baby formula industry and possesses a strong reputation for the high quality of its brands. Along with Abbott's *Similac*, *Enfamil* is a leading baby formula brand worldwide. In addition to this, Mead Johnson enjoys the highest margins among the big 4 competitors as a result of it being a pure player within the baby formula industry. Mead Johnson has also had fewer ethical and legal issues than its counterparts, Nestlé, Danone, and Abbott Laboratories historically.

Investment Risks

Mead Johnson being the least diversified company due to it being a pure play company within the baby formula industry serves as a double edged sword as its exposure to industry weaknesses is amplified. While more diversified companies like Nestlé, Danone, and Abbott Laboratories can offset the industry risks by having other segments of their product line performing well, Mead Johnson is not able to do the same as almost all of their products involve milk products as an input and output. As a result of this, their exposure to dairy prices is accentuated. In addition to this, they are highly susceptible to swings in consumer preferences. This

is especially true in China where Mead Johnson is more exposed to Chinese consumer trends than its competitors due to Mead Johnson having the largest portion of their revenues coming from China relative to its rivals. As a result of this, while the enactment of the two child policy will have a greater positive influence on Mead Johnson's performance than its competitors, the Chinese government plan to increase the number of breastfeeding women will be more detrimental to Mead Johnson than it would be to its competitors. Changing consumer patterns in Western world towards breastfeeding will also have the same effect on Mead Johnson due to its lack of diversification relative to its competitors.



Another area of concern may be that Mead Johnson is quite susceptible to changes in foreign exchange rates. While the Yuan/USD is expected to remain stable over the long term due to the Chinese government's insistence on pegging the Yuan to the USD, a stronger USD means a decline in sales dollars for Mead Johnson. This impact of the strengthening USD can be seen on the graph to the left.

Yet another significant investment risk for Mead Johnson is the poor track record of it being an industry leader and pouncing on new trends and patterns. Historically, Mead Johnson has been late reacting to changing industry trends and consumer patterns. Firstly, they provide no organic baby formula or baby food offerings despite the rise in demand for organic products worldwide. Secondly, there is a shifting consumer preference in China of buying baby food and formula products through e-commerce channels. This is mostly done by

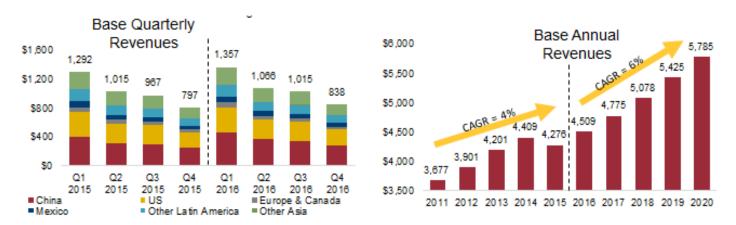
Chinese parents to ensure that the infant formula and food is imported from outside countries. Mead Johnson has not yet pounced on this opportunity and is only now beginning to look into ways to expand their e-commerce channels to allow for these sorts of transactions. Lastly, Mead Johnson has been stupendously late in delivering a fully imported baby formula product into China. The Chinese milk scandal occurred in 2008 which prompted many parents to banish all formula products not coming from overseas and yet Mead Johnson only introduced their fully imported formula products in 2015. That's a lag of 7 years which is inexcusable considering the shifting consumer trends and patterns were observable upon the onset of the scandal. In spite of all this, it is to be noted that the current management team is newly instilled and therefore the status of Mead Johnson currently being a laggard in the industry may be subject to change depending on the direction the new management team takes moving forward.

Discounted Cash Flow Model

The most important assumptions for the DCF model were revenue assumptions. For these I did the following:

- 1. Took global population growth projections for infants (0-24 months) for segmented regions
- 2. Got breastfeeding rates for segmented regions
- 3. Took the % of infant population not being breastfed for the different regions
- 4. Got the revenue growth rates by each region based on population metrics as well as other sources and also took into account the effects of forex fluctuations on revenue and the effect of dairy price fluctuations on COGS. For China, incremental effect of 2 child policy was also taken into account.
- 5. Took 2016-2020 sales projections, convergence was from 2021-2030 and 2030 onwards was the terminal growth rate which was also based on population growth metrics (CAGR 2015-2030)

Using these revenue projections, the following quarterly and annual revenues were calculated:



The annual CAGR growth of 6% from 2016 to 2020 is deemed reasonable as historical CAGR growth from 2011 to 2014 was also 6% before market conditions caused a decrease in revenues in 2015. Along with this, China's lifting of the one child policy is mostly responsible for the increase in sales over this time period.

Breastfeeding rates were kept constant at their historical rates for all the segmented regions.

Milk prices were estimated to continue to decline a further 6% based on the consensus of industry analysts. This would reduce the cost of sales for Mead Johnson and increase their margins as a result.

Most other assumptions pertaining to the income statement were carried forward as a % of sales.

Net working capital assumptions were based on the quarterly average of days sales outstanding, days inventory outstanding, as well as days payables outstanding for fiscal 2009 through fiscal 2015.

The terminal growth rate for revenues was 0.52% starting in 2030. This was derived using weighted averages of the 7 different regions. China had the highest terminal growth rate of 1.5% as a result of the increase in infant population due to the enactment of the two-child policy in addition to a growing working class which would mean less breastfeeding mothers and wealthier families spending a greater proportion of their income on premium baby formulas. In most other areas the terminal growth rate was assumed to be between -0.3% to -0.8% based on their declining infant populations in the year 2030 and onwards.

Comparable Analysis

As a result of Mead Johnson's immediate competitors all being enormous diversified conglomerates, it was determined that these companies were not suitable to perform an appropriate comparable analysis with. In lieu of these companies, similar companies to Mead Johnson were chosen based on the following criteria:

- 1. US Based company
- 2. Beverages or Dairy product Companies
- 3. Revenues between \$3-\$8B (Rounded to nearest Billion)
- 4. Companies must be focused on one type of product offering or derive most of their revenues from one type of product offering

Based on that screening criterion, five competitors emerged: The Hershey Company, Campbell's Soup, The J.M Smucker Company, Perrigo Foods, and Whitewave Foods. Due to these companies not being involved with the same products as Mead Johnson, the comparable analysis implied share prices were not taken into account and thus were left out of the investment summary. For more details on the comparable analysis please refer to the appendix.

Expected Shortfall

Mead Johnson's expected shortfall is -8.24% based on a 5% monthly VaR. The 5% daily VaR is -2.24%, with the 10% monthly VaR being -6.83% and a 10% daily VaR being -1.65%. All of these low numbers are a reflection of Mead Johnson's stability and indicate low price fluctuations.

Conclusion

We project a HOLD recommendation for Mead Johnson with a one year target price of \$80.79 thereby implying a 6.6% capital gain upside over the current price of \$70.79. With the inclusion of dividends, the implied upside increases to 8.9%. Despite this potentially healthy upside, we feel that there are too many uncertainties and risks involved within the industry to recommend a BUY. The risk of most concern to us deals with the legal issues that companies are mired in within this industry. In addition to this, brand reputation can easily be tarnished and is incredibly difficult to repair as can be seen from Synutra's demise. Mead Johnson's history of price fixing collusions along with their recent bribery settlement ultimately dissuades us from projected a BUY recommendation for this company as the risks are too great to warrant such a recommendation.

The target share price was derived by using a 50% weighting on the DCF valuation using an EV/EBITDA exit multiple and the other 50% was constituted of using the perpetual growth method with a terminal growth rate of 0.52%.

Appendix

Appendix 1: Mead Johnson's Product Mix



Appendix 2: Big 4 Premium Brands



Appendix 3: Comparable Analysis Implied Share Price





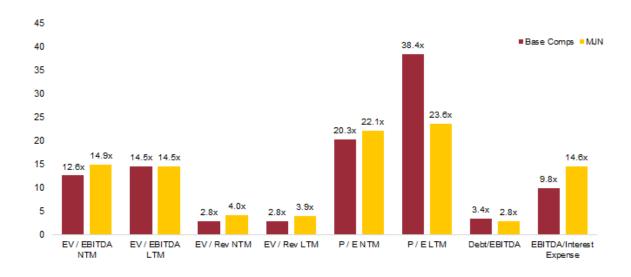






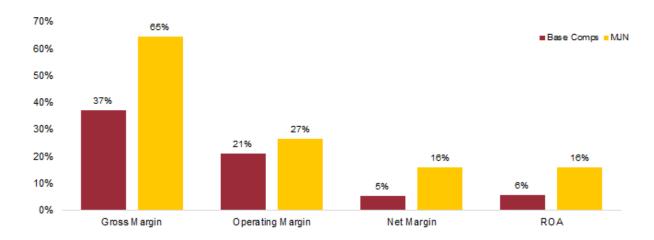
| Implied Share | Implied Share Price | | | | | | | | | | | | | |
|---------------|---------------------|------------------|--------------|-----------------|-----------|-----------|--|--|--|--|--|--|--|--|
| | EV / EBITDA NTM | EV/EBITDA LTM | EV / Rev NTM | EV / Rev LTM | P / E NTM | P / E LTM | | | | | | | | |
| Average | \$100 | \$85 | \$60 | \$62 | \$75 | \$122 | | | | | | | | |
| Min | \$89 | \$68 | \$43 | \$48 | \$47 | \$93 | | | | | | | | |
| Bear | \$93 | \$68 | \$54 | \$55 | \$71 | \$113 | | | | | | | | |
| Base | \$95 | \$77 | \$58 | \$57 | \$72 | \$126 | | | | | | | | |
| Bull | \$97 | \$97 | \$61 | \$61 | \$76 | \$134 | | | | | | | | |
| Max | \$124 | \$114 | \$83 | \$89 | \$107 | \$143 | | | | | | | | |

Appendix 4: Comparable Analysis Multiples



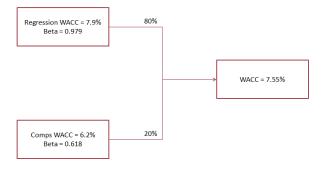
| | EV / EBITDA NTM | EV / EBITDA LTM | EV / Rev NTM | EV / Rev LTM | P /E NTM | P / E LTM | Debt/EBITDA | EBITDA/Interest Expense |
|------------|-----------------|-----------------|--------------|--------------|----------|-----------|-------------|-------------------------|
| Base Comps | 12.6x | 14.5x | 2.8x | 2.8x | 20.3x | 38.4x | 3.37 | 9.79 |
| MJN | 14.9x | 14.5x | 4.0x | 3.9x | 22.1x | 23.6x | 2.75 | 14.55 |
| | 19% | 0% | 43% | 36% | 9% | -38% | -18% | 49% |

Appendix 5: Comparable Analysis Margins and Profitability

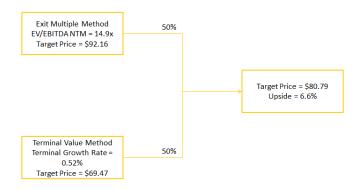


| | Gross Margin | Operating Margin | Net Margin | ROA |
|---------------------|--------------|------------------|------------|-----|
| Base Comps | 37% | 21% | 5% | 6% |
| MJN | 65% | 27% | 16% | 16% |
| Overvalued/Underval | 27% | 6% | 11% | 10% |

Appendix 7: WACC Weightings



Appendix 8: DCF Weightings



Appendix 9: Revenue Projections - Population Growth/Decline

| Country Name | Series Name | 2015 [YR2015] | 2020 [YR2020] | 2025 [YR2025] | 2030 [YR2030] | 2040 [YR2040] | 2045 [YR2045] | 2050 [YR2050] |
|--------------------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| China | Age population, age 0, female, interpolated | 33657000 | 29951000 | 26112000 | 25083000 | 24704000 | 24305000 | 23457000 |
| United States | Age population, age 0, male, interpolated | 7669000 | 8558000 | 8452000 | 8548000 | 8749000 | 8857000 | 9043000 |
| Mexico | Age population, age 01, female, interpolated | 4681000 | 4489000 | 4348000 | 4144000 | 3799000 | 3658000 | 3534000 |
| Indonesia | Age population, age 01, male, interpolated | 10498000 | 9072000 | 9340000 | 9013000 | 8772000 | 8578000 | 8366000 |
| India | Age population, age 0, female, interpolated | 48860000 | 50451000 | 48769000 | 48001000 | 44502000 | 43424000 | 42173000 |
| Australia | Age population, age 0, male, interpolated | 603000 | 693000 | 656000 | 670000 | 705000 | 742000 | 771000 |
| Canada | Age population, age 01, female, interpolated | 751000 | 808000 | 793000 | 796000 | 812000 | 848000 | 874000 |
| Germany | Age population, age 01, male, interpolated | 1369000 | 1410000 | 1375000 | 1313000 | 1214000 | 1212000 | 1230000 |
| France | Age population, age 0, female, interpolated | 1565000 | 1545000 | 1530000 | 1555000 | 1594000 | 1584000 | 1571000 |
| Russian Federation | Age population, age 0, male, interpolated | 3819000 | 3307000 | 3121000 | 2767000 | 2970000 | 3135000 | 3094000 |
| United Kingdom | Age population, age 01, female, interpolated | 1554000 | 1660000 | 1623000 | 1566000 | 1632000 | 1678000 | 1692000 |
| Saudi Arabia | Age population, age 01, male, interpolated | 1237000 | 1179000 | 1179000 | 1154000 | 1172000 | 1148000 | 1111000 |
| Egypt, Arab Rep. | Age population, age 0, female, interpolated | 5315000 | 4359000 | 4658000 | 4659000 | 5238000 | 5205000 | 5136000 |
| Iran, Islamic Rep. | Age population, age 0, male, interpolated | 2701000 | 2328000 | 1960000 | 1741000 | 1861000 | 1883000 | 1768000 |
| Turkey | Age population, age 01, female, interpolated | 2767000 | 2379000 | 2397000 | 2305000 | 2187000 | 2123000 | 2056000 |
| Iraq | Age population, age 01, male, interpolated | 2368000 | 2581000 | 2784000 | 3023000 | 3534000 | 3765000 | 3967000 |
| Brazil | Age population, age 0, female, interpolated | 6223000 | 5682000 | 5539000 | 5287000 | 4874000 | 4709000 | 4573000 |
| Colombia | Age population, age 0, female, interpolated | 1482000 | 1420000 | 1338000 | 1286000 | 1184000 | 1140000 | 1095000 |
| South Africa | Age population, age 0, female, interpolated | 2040000 | 2151000 | 1997000 | 1975000 | 1909000 | 1862000 | 1802000 |
| Argentina | Age population, age 0, female, interpolated | 1503000 | 1470000 | 1466000 | 1452000 | 1422000 | 1401000 | 1380000 |
| Venezuela, RB | Age population, age 0, female, interpolated | 1187000 | 1169000 | 1148000 | 1124000 | 1072000 | 1046000 | 1019000 |
| Nigeria | Age population, age 0, female, interpolated | 13061000 | 13878000 | 15146000 | 16318000 | 18614000 | 19537000 | 20330000 |

Appendix 10: Revenue Projections - Breastfeeding Rates



Appendix 11: Bear, Base, Bull Cases for Population Growth

| BASE | Population of 0-24 Month Babies w | // Base % Being | Breastfed | | | |
|-----------------------------|--|-----------------|-------------|-------------|----------------|----------------|
| Region | 2 Child Dalies Impact | 2015 | 2025 | 2030 | 2015-2020 CAGR | 2015-2030 CAGR |
| China | 2 Child Policy Impact | 26,179,761 | 33,534,238 | 32,733,841 | 6.88% | 1.50% |
| United States | 3,400,000 extra babies born every year | 6,987,657 | 7,701,093 | 7,788,564 | 2.22% | 0.73% |
| Europe & Canada | | 8,514,520 | 7,935,480 | 7,517,180 | -0.73% | -0.83% |
| Mexico | | 4,505,463 | 4,184,950 | 3,988,600 | -0.83% | -0.81% |
| Other Latin America | | 10,005,188 | 9,135,088 | 8,805,913 | -1.29% | -0.85% |
| Other Asia | | 53,125,410 | 52,007,555 | 51,027,530 | 0.06% | -0.27% |
| ROW (Australia, ME, Africa) | • | 26,879,679 | 27,491,555 | 28,445,546 | -0.36% | 0.38% |
| Global | | 136,197,677 | 141,989,958 | 140,307,173 | 1.38% | 0.20% |
| BEAR | 0-24 Months of Age w/ Bear % Bein | g Breastfed | | | | |
| Region | | 2015 | 2025 | 2030 | 2015-2020 CAGR | 2015-2030 CAGR |
| China | | 26,179,761 | 21,556,000 | 21,041,500 | -2.16% | -1.45% |
| United States | | 6,987,657 | 5,855,546 | 5,922,054 | -3.23% | -1.10% |
| Europe & Canada | | 8,514,520 | 6,496,153 | 6,153,723 | -4.63% | -2.14% |
| Mexico | | 4,505,463 | 4,119,730 | 3,926,440 | -1.15% | -0.91% |
| Other Latin America | | 10,005,188 | 8,992,723 | 8,668,678 | -1.60% | -0.95% |
| Other Asia | | 53,125,410 | 49,566,977 | 48,632,942 | -0.90% | -0.59% |
| ROW (Australia, ME, Africa) | | 26,879,679 | 26,177,377 | 27,085,765 | -1.34% | 0.05% |
| Global | | 136,197,677 | 122,764,505 | 121,431,102 | -1.62% | -0.76% |
| BULL | 0-24 Months of Age w/ Bull % Being | Breastfed | | | | |
| Region | | 2015 | 2025 | 2030 2 | 2015-2020 CAGR | 2015-2030 CAGR |
| China | | 26,179,761 | 37,869,581 | 36,965,707 | 9.52% | 2.33% |
| United States | | 6,987,657 | 8,289,722 | 8,383,878 | 3.73% | 1.22% |
| Europe & Canada | | 8,514,520 | 8,376,355 | 7,934,815 | 0.34% | -0.47% |
| Mexico | | 4,505,463 | 4,250,170 | 4,050,760 | -0.53% | -0.71% |
| Other Latin America | | 10,005,188 | 9,277,453 | 8,943,148 | -0.99% | -0.75% |
| Other Asia | | 53,125,410 | 54,448,133 | 53,422,118 | 0.98% | 0.04% |
| ROW (Australia, ME, Africa) | • | 26,879,679 | 28,805,733 | 29,805,328 | 0.57% | 0.69% |
| Global | | 136,197,677 | 151,317,146 | 149,505,754 | 2.70% | 0.62% |

Appendix 12: Revenue Assumptions Summary

| | | | | l | Base Projec | tions | | | | | (| Convergen | ce Steps | | | | |
|---|---|--|--|--|--|--|---|---|--|---|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | Terminal Value |
| | 5 Yr His | torical CAGI | | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
| Sales | | 5.32% | | 7.0% | 7.0% | 7.0% | 7.0% | 6.32% | 5.64% | 4.96% | 4.28% | 3.60% | 2.92% | 2.24% | 1.56% | 0.88% | 0.20% |
| China | | 10.79 | | 15.0% | 15.0% | 15.0% | 15.0% | 13.65% | 12.30% | 10.95% | 9.60% | 8.25% | 6.90% | 5.55% | 4.20% | 2.85% | 1.50% |
| United State | es | 1.76% | | 2.22% | 2.22% | 2.22% | 2.22% | 2.07% | 1.92% | 1.77% | 1.62% | 1.47% | 1.32% | 1.17% | 1.02% | 0.88% | 0.73% |
| Europe & Ca | anada | -2.819 | | -0.73% | -0.73% | -0.73% | -0.73% | -0.74% | -0.75% | -0.76% | -0.77% | -0.78% | -0.79% | -0.80% | -0.81% | -0.82% | -0.83% |
| Mexico | | -0.95% | 6 -0.75% | -0.75% | -0.75% | -0.75% | -0.75% | -0.76% | -0.77% | -0.77% | -0.78% | -0.78% | -0.79% | -0.79% | -0.80% | -0.80% | -0.81% |
| Other Latin | America | -11.09 | • | -1.22% | -1.22% | -1.22% | -1.22% | -1.18% | -1.14% | -1.10% | -1.07% | -1.03% | -0.99% | -0.96% | -0.92% | -0.88% | -0.85% |
| Other Asia | | -24.9% | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.02% | -0.01% | -0.04% | -0.07% | -0.11% | -0.14% | -0.17% | -0.20% | -0.24% | -0.27% |
| ROW (Austr | ralia, ME, Afr | ica -12.79 | 0.57% | 0.57% | 0.57% | 0.57% | 0.57% | 0.55% | 0.53% | 0.51% | 0.49% | 0.47% | 0.46% | 0.44% | 0.42% | 0.40% | 0.38% |
| Weighted S | Sales | -0.32% | 6 5.03% | 5.03% | 5.03% | 5.03% | 5.03% | 4.58% | 4.12% | 3.67% | 3.22% | 2.77% | 2.32% | 1.87% | 1.42% | 0.97% | 0.52% |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | Be | ar Project | ions | | | | | | Conve | ergence S | teps | | | | |
| | | | Be | ar Project | ions | | | | | | Conve | ergence S | teps | | | Te | erminal Value |
| 5 Yr Historic | cal CAGR | 2016 | Be. 2017 | ar Project 201 8 | ions 2019 | 2020 | 2021 | 2022 | 202 | 23 20 | | ergence S | teps 2026 | 2027 | 2028 | Te 2029 | erminal Value 2030 |
| 5 Yr Historio Sales | cal CAGR 5.32% | 2016 6.4% | | • | | 2020 6.4% | 2021 5.68% | | | | 024 2 | 2025 | | 2027 1.39% | 2028 0.67% | | |
| | | | 2017 | 2018 | 2019 | | | 2022 | 4.25 | % 3.5 | 024 2 4% 2. | 2025 82% 2 | 2026 | | | 2029 | 2030 |
| Sales | 5.32% | 6.4% | 2017 6.4% | 2018 6.4% | 2019 6.4% | 6.4% | 5.68% | 2022 4.97% | 4.25 7.06 | % 3.5 % 5.8 | 024 2 4% 2. 4% 4. | 2025 82% 2 63% 3 | 2026 2.10% 3.41% | 1.39% | 0.67% | 2029 -0.05% | 2030 -0.76% |
| Sales China | 5.32% 10.7% | 6.4% 10.7% | 2017 6.4% 10.7% 1.00% | 2018 6.4% 10.7% | 2019 6.4% 10.7% | 6.4% 10.7% | 5.68% 9.48% | 2022 4.97% 8.27% | 4.25 7.06 0.37 | % 3.5 % 5.8 % 0.1 | 024 2.4% 2.4% 4.6% -0. | 2025 82% 2 63% 3 | 2026 2.10% 3.41% 0.26% | 1.39% 2.20% | 0.67% 0.98% | 2029 -0.05% -0.23% | 2030 -0.76% -1.45% |
| Sales China United S | 5.32% 10.7% 1.76% | 6.4% 10.7% 1.00% | 2017 6.4% 10.7% 1.00% -2.81% | 2018 6.4% 10.7% 1.00% | 2019 6.4% 10.7% 1.00% | 6.4% 10.7% 1.00% | 5.68% 9.48% 0.79% | 2022 4.97% 8.27% 0.58% | 4.25 7.06 0.37 -2.61 | % 3.5 % 5.8 % 0.1 % -2.5 | 024 2.4% 2.4% 4.6% -0.4% -2. | 2025 82% : 63% : 05% -(| 2026 2.10% 3.41% 0.26% 2.41% | 1.39% 2.20% -0.47% | 0.67% 0.98% -0.68% -2.27% | 2029 -0.05% -0.23% -0.89% | 2030 -0.76% -1.45% -1.10% |
| Sales China United S Europe & | 5.32% 10.7% 1.76% -2.81% | 6.4% 10.7% 1.00% -2.81% | 2017 6.4% 10.7% 1.00% -2.81% -0.93% | 2018 6.4% 10.7% 1.00% -2.81% | 2019 6.4% 10.7% 1.00% -2.81% | 6.4% 10.7% 1.00% -2.81% | 5.68% 9.48% 0.79% -2.74% | 2022 4.97% 8.27% 0.58% -2.68% | 4.25 7.06 0.37 -2.61 -0.92 | % 3.5 % 5.8 % 0.1 % -2.5 % -0.9 | D24 2. 4% 4. 6% -0. 4% -2. 2% -0. | 2025 82% 2 63% 3 05% -(48% -2 | 2026 2.10% 3.41% 0.26% 2.41% 0.92% | 1.39% 2.20% -0.47% -2.34% | 0.67% 0.98% -0.68% -2.27% | 2029 -0.05% -0.23% -0.89% -2.21% | 2030 -0.76% -1.45% -1.10% -2.14% |
| Sales China United S Europe & Mexico | 5.32% 10.7% 1.76% -2.81% -0.95% | 6.4% 10.7% 1.00% -2.81% -0.93% | 2017 6.4% 10.7% 1.00% -2.81% -0.93% -9.68% | 2018 6.4% 10.7% 1.00% -2.81% -0.93% | 2019 6.4% 10.7% 1.00% -2.81% -0.93% | 6.4% 10.7% 1.00% -2.81% -0.93% | 5.68% 9.48% 0.79% -2.74% -0.92% | 2022 4.97% 8.27% 0.58% -2.68% -0.92% | 4.25 7.06 0.37 -2.61 -0.92 -7.06 | % 3.5 % 5.8 % 0.1 % -2.5 % -0.9 % -6.1 | 024 2. 4% 2. 4% 4. 6% -0. 4% -2. 2% -0. 9% -5. | 2025 82% 2 63% 3 05% -0 48% -2 92% -0 | 2026 2.10% 3.41% 0.26% 2.41% 0.92% 1.44% | 1.39% 2.20% -0.47% -2.34% -0.92% | 0.67% 0.98% -0.68% -2.27% -0.92% | 2029 -0.05% -0.23% -0.89% -2.21% -0.91% | 2030 -0.76% -1.45% -1.10% -2.14% -0.91% |
| Sales China United S Europe & Mexico Other La | 5.32% 10.7% 1.76% -2.81% -0.95% -11.0% | 6.4% 10.7% 1.00% -2.81% -0.93% -9.68% | 2017 6.4% 10.7% 1.00% -2.81% -0.93% -9.68% -0.90% | 2018 6.4% 10.7% 1.00% -2.81% -0.93% -9.68% | 2019 6.4% 10.7% 1.00% -2.81% -0.93% -9.68% | 6.4% 10.7% 1.00% -2.81% -0.93% -9.68% | 5.68% 9.48% 0.79% -2.74% -0.92% -8.80% | 2022 4.97% 8.27% 0.58% -2.68% -0.92% -7.93% | 4.25 7.06 0.37 -2.61 -0.92 -7.06 -0.81 | % 3.5 % 5.8 % 0.1 % -2.5 % -0.9 % -6.1 % -0.7 | 024 2.4% 4.6% -0.4% -2.2% -0.9% -5.8% -0. | 2025 82% 63% 63% | 2026 2.10% 3.41% 0.26% 2.41% 0.92% 4.44% | 1.39% 2.20% -0.47% -2.34% -0.92% -3.57% | 0.67% 0.98% -0.68% -2.27% -0.92% -2.70% | 2029 -0.05% -0.23% -0.89% -2.21% -0.91% -1.82% | 2030 -0.76% -1.45% -1.10% -2.14% -0.91% -0.95% |

| | | | E | Bullish Proj | ections | | | Convergence Steps | | | | | | | | | |
|---------------|---------|--------|--------|--------------|---------|--------|--------|-------------------|--------|--------|--------|--------|--------|--------|----------------|--------|--|
| | | | | | | | | | | | | | | | Terminal Value | | |
| 5 Yr Historic | al CAGR | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | |
| Sales | 5.32% | 8.0% | 8.0% | 8.0% | 8.0% | 8.0% | 7.26% | 6.52% | 5.79% | 5.05% | 4.31% | 3.57% | 2.84% | 2.10% | 1.36% | 0.62% | |
| China | 10.7% | 19.0% | 19.0% | 19.0% | 19.0% | 19.0% | 17.33% | 15.67% | 14.00% | 12.33% | 10.66% | 9.00% | 7.33% | 5.66% | 3.99% | 2.33% | |
| United S | 1.8% | 3.73% | 3.73% | 3.73% | 3.73% | 3.73% | 3.48% | 3.23% | 2.98% | 2.73% | 2.48% | 2.23% | 1.98% | 1.72% | 1.47% | 1.22% | |
| Europe & | -2.8% | 0.34% | 0.34% | 0.34% | 0.34% | 0.34% | 0.26% | 0.18% | 0.10% | 0.02% | -0.06% | -0.14% | -0.22% | -0.31% | -0.39% | -0.47% | |
| Mexico | -1.0% | -0.53% | -0.53% | -0.53% | -0.53% | -0.53% | -0.54% | -0.56% | -0.58% | -0.60% | -0.62% | -0.63% | -0.65% | -0.67% | -0.69% | -0.71% | |
| Other La | -11.0% | -0.99% | -0.99% | -0.99% | -0.99% | -0.99% | -0.96% | -0.94% | -0.91% | -0.89% | -0.87% | -0.84% | -0.82% | -0.79% | -0.77% | -0.75% | |
| Other As | -24.9% | 0.98% | 0.98% | 0.98% | 0.98% | 0.98% | 0.88% | 0.79% | 0.70% | 0.60% | 0.51% | 0.41% | 0.32% | 0.23% | 0.13% | 0.04% | |
| ROW (Αι | -12.7% | 13.40% | 13.40% | 13.40% | 13.40% | 13.40% | 12.13% | 10.86% | 9.59% | 8.32% | 7.05% | 5.77% | 4.50% | 3.23% | 1.96% | 0.69% | |
| Weighte | -0.32% | 9.13% | 9.13% | 9.13% | 9.13% | 9.13% | 8.32% | 7.51% | 6.69% | 5.88% | 5.07% | 4.25% | 3.44% | 2.63% | 1.81% | 1.00% | |

Appendix 13: Other Assumptions

| Net Working Capital Assumptions | Q1 Average | Q2 Average | Q3 Average | Q4 Average |
|--|------------|------------|------------|------------|
| Days Sales Outstanding | 32.0 | 33.8 | 37.4 | 46.5 |
| Days Inventory Outstanding | 103.8 | 114.3 | 117.7 | 148.2 |
| Days Payables Outstanding | 94.3 | 107.3 | 107.0 | 152.7 |
| Prepaid Expenses (% of Sales) | 5% | 6% | 5% | 6% |
| Accrued Expenses (% of Sales) | 46% | 49% | 56% | 69% |
| Other Current Liabilities (% of Sales) | 6% | 8% | 7% | 11% |
| Other Assumptions | Q1 Average | Q2 Average | Q3 Average | Q4 Average |
| COGS (% of Sales) | 36% | 36% | 37% | 38% |
| Operating Expenses (% of Sales) | 37% | 40% | 40% | 41% |
| Depreciation and Amortization (% of Sales) | 2% | 2% | 2% | 1% |
| Income Tax Rate (% of pre-tax income) | 27% | 25% | 22% | 21% |
| Capex (% of Sales) | 5% | 3% | 4% | 4% |

Appendix 13: Correlation Matrix

- ▲ Mead Johnson is the company most adversely affected by Milk Prices
- ▲ Danone is the company most adversely affected by fluctuation in the <u>forex</u> rates (for all the different foreign exchange presented here)
- ▲ Mead Johnson's performance depends greatly on milk prices since it is a pure player in the industry
- Nestle and Danone are the two companies most impacted by the strength of the USD. Although all four companies are negatively impacted by this, Nestle and Danone generate more of their income internationally than Mead Johnson and Abbott Laboratories and thus fluctuations in the USD affect them the most

| Correlation Matrix (Monthly) | MJN | Nestle | Danone | ABT | Milk Prices | Peso/USD | CAD/USD | Yuan/USD | Euro/USD | Real/USD |
|------------------------------|------|--------|--------|------|-------------|----------|---------|----------|----------|----------|
| MIN | 100% | | | | | | | | | |
| Nestle | 42% | 100% | | | | | | | | |
| Danone | 52% | 66% | 100% | | | | | | | |
| Abbott | 34% | 29% | 28% | 100% | | | | | | |
| Milk Price | -16% | 8% | 0% | 8% | 100% | | | | | |
| Peso/USD | -47% | -58% | -58% | -21% | -21% | 100% | | | | |
| CAD/USD | -33% | -46% | -54% | -19% | -19% | 69% | 100% | | | |
| Yuan/USD | -24% | -19% | -30% | -20% | -20% | 31% | 31% | 100% | | |
| Euro/USD | -25% | -41% | -58% | -13% | -27% | 54% | 66% | 18% | 100% | |
| Real/USD | -37% | -50% | -51% | -11% | -16% | 64% | 63% | 11% | 54% | 100% |

- ▲ There are three types of baby formulas:
- Cow milk protein-based formulas Most infant formula is made with cow's milk that's been altered to resemble breast milk. This gives the formula the right balance of nutrients — and makes the formula easier to digest. Most babies do well on cow's milk formula.
- Soy-based formulas Soy-based formulas can be useful if you want to exclude animal
 proteins from your child's diet. Soy-based infant formulas might also be an option for babies
 who are intolerant or allergic to cow's milk formula or to lactose, a carbohydrate naturally found
 in cow's milk.
- 3. Protein hydrolysate formulas These types of formulas contain protein that's been broken down (hydrolyzed) — partially or extensively — into smaller sizes than are those in cow's milk and soy-based formulas. Protein hydrolysate formulas are meant for babies who don't tolerate cow's milk or soy-based formulas
- ...which come in three forms:
- 1. Powder—the least expensive of the infant formulas. It must be mixed with water before feeding (most popular) <u>Side Note</u>: In the 1970s Nestle came under fire for going to 3rd world countries and exploiting uneducated mothers by selling them powdered formula this later led to widespread death among babies in areas of Africa and Asia because these premium brands led to poverty for families and the water mixed with the powder was often unclean
- 2. Liquid concentrate—must be mixed with an equal amount of water (least popular)
- Ready-to-feed—the most expensive form of formula that requires no mixing (most convenient)

Appendix 14: Competitive Landscape

Mead Johnson

- ▲ Enfamil is considered a highly premium brand and is recommended by pediatricians in the U.S
- Rigorous testing (over 2000 safety checks) of it's products ensures high quality
- Highest gross margins among the Big 4
- Science based approach to formula (smarter instead of tastier)
- Late to react to changing formula trends

Danone

- ▲ Became a market leader in China with their acquisition of Numico in 2007
- Reaction breached intl. formula marketing standards has been ethical (50% violations reduction vs. 3% for Nestle)
- ▼ Lost joint venture with Mead Johnson to acquire Pfizer Nutrition/Wyeth in 2012
- Untruthful marketing tactics (panic buying in the UK in 2012) breaches intl. standards

Nestle

- ▲ Acquired Pfizer's Infant Nutrition segment in 2012; 85% of sales of that segment were in developing nations (high growth)
- ▲ Very large presence in India (85% share)
- ▲ More diversified product lines for all ages
- Marketing campaign breaches international standards (led to boycotts)
- ▼ Unethical history 1970s boycott due to exploitation of LEDCs women

Abbott Laboratories

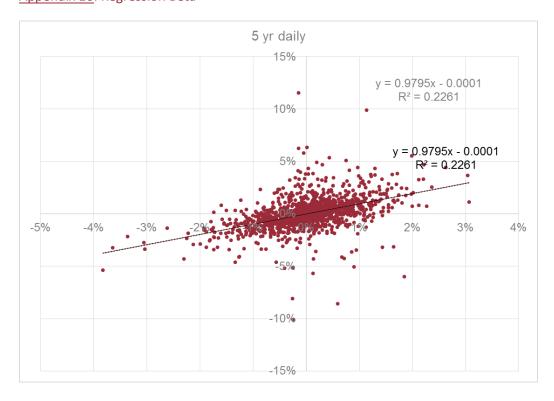
- Most consumer facing company of the bunch (50% of nutrition sales come from patients and customers not 3rd parties
- ▲ Similac Total Comfort is the industry standard for infants with digestive issues
- ▲ First company to launch non-GMO formula
- Abbott has a history of settlements related to price fixing since the 1970s
- ▼ Recall in 2013 due to cases of botulism

Appendix 15: Value at Risk

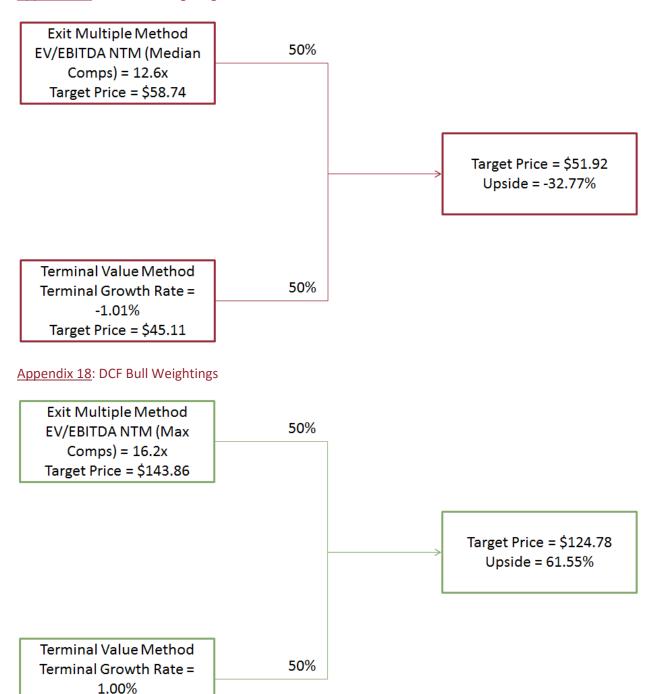
| Mead Johnson Nutrition Company Daily | | | | | | |
|--------------------------------------|-------------------|--|--|--|--|--|
| Value At Risk % | Expected Return % | | | | | |
| 5% | -2.24% | | | | | |
| 10% | -1.65% | | | | | |
| 15% | -1.22% | | | | | |
| 20% | -1.00% | | | | | |
| 25% | -0.78% | | | | | |
| 30% | -0.60% | | | | | |
| 35% | -0.44% | | | | | |
| 40% | -0.25% | | | | | |
| 45% | -0.08% | | | | | |
| 50% | 0.06% | | | | | |
| 55% | 0.19% | | | | | |
| 60% | 0.32% | | | | | |
| 65% | 0.48% | | | | | |
| 70% | 0.65% | | | | | |
| 75% | 0.85% | | | | | |
| 80% | 1.10% | | | | | |
| 85% | 1.40% | | | | | |
| 90% | 1.86% | | | | | |
| 95% | 2.63% | | | | | |
| 100% | 11.49% | | | | | |

| Mead Johnson Nutrition | on Company Monthly |
|------------------------|--------------------|
| Value At Risk % | Expected Return % |
| 5% | -8.24% |
| 10% | -6.83% |
| 15% | -4.72% |
| 20% | -3.43% |
| 25% | -2.15% |
| 30% | -0.59% |
| 35% | 0.04% |
| 40% | 0.62% |
| 45% | 1.59% |
| 50% | 2.16% |
| 55% | 2.62% |
| 60% | 3.01% |
| 65% | 3.23% |
| 70% | 3.43% |
| 75% | 3.94% |
| 80% | 5.07% |
| 85% | 6.82% |
| 90% | 9.13% |
| 95% | 11.82% |
| 100% | 16.98% |

Appendix 16: Regression Beta



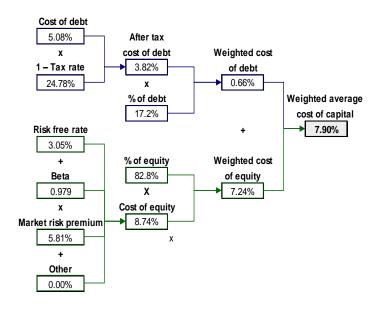
Appendix 17: DCF Bear Weightings



Appendix 19: Regression WACC Complete Breakdown

Target Price = \$105.70

| | WACC | | |
|--------|---|----------|--------|
| ost of | f debt: | | |
| | Cost of debt | | 5.08% |
| | Marginal tax rate | | 24.78% |
| | After-tax cost of debt: 5.08% x (1 - 24.78%) = | = | 3.82% |
| ost of | f equity: | | |
| | Risk free rate ⁽¹⁾ | | 3.05% |
| | Beta | | 0.979 |
| | Market risk premium | | 5.81% |
| | Other | | 0.00% |
| | Cost of equity = 3.05% + $(0.979 \times 5.81\%)$ + 0 | .00% = | 8.74% |
| ercer | ntage of capital: | | |
| | Total debt | 2,987.5 | 17.2% |
| | Market value of equity | 14,401.7 | 82.8% |
| | Total capital | 17,389.2 | 100.0% |
| Veiah | ted average cost of capital: | _ | |
| . 0.9 | | | |



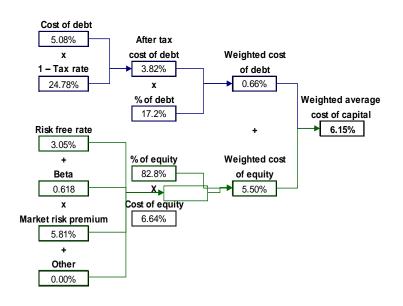
Appendix 20: Comparable Companies WACC Complete Breakdown

| | 5 | Yr Lever | ed | Mkt. Val. | Debt / | Debt / | Marginal | Unlevered |
|--|--------------|----------|---------------------|---------------------|------------------|------------------|-------------------|-----------|
| Comparable Companies | Ticker | Beta | Debt | Equity | Mkt. Cap. | Total Cap. | Tax Rate | Beta |
| The Hershey Company | NYSE:HSY | 0.218 | 2,420.5 | 20,175.3 | 12.0% | 10.7% | 43.12% | 0.204 |
| Campbell Soup Company | NYSE:CPB | 0.383 | 4,112.0 | 19,206.4 | 21.4% | 17.6% | 31.17% | 0.333 |
| The J. M. Smucker Company | NYSE:SJM | 0.539 | 5,284.3 | 15,262.7 | 34.6% | 25.7% | 36.13% | 0.441 |
| Perrigo Company Public Limited Company | NYSE:PRGO | 0.305 | 5,375.0 | 18,130.4 | 29.6% | 22.9% | #VALUE! | #VALUE! |
| The WhiteWave Foods Company | NYSE:WWAV | 1.514 | 2,133.5 | 7,256.6 | 29.4% | 22.7% | 34.30% | 1.269 |
| Nestlé S.A. | SWX:NESN | 0.252 | 22,018.4 | 222,376.1 | 9.9% | 9.0% | 25.88% | 0.235 |
| Danone | ENXTPA:BN | 0.483 | 13,529.4 | 43,049.5 | 31.4% | 23.9% | 30.94% | 0.397 |
| The Kraft Heinz Company | NasdaqGS:KHC | 0.000 | 25,250.0 | 93,776.5 | 26.9% | 21.2% | 36.13% | |
| Abbott Laboratories | NYSE:ABT | 0.631 | 9,001.0 | 58,445.6 | 15.4% | 13.3% | 18.13% | 0.561 |

| Average | | 0.628 | 6,080.1 | 27,232.7 | 24.0% | 19.0% | 32.30% | 0.534 |
|--|-----|------------|----------------|-----------------|-------|-------|-------------|-------|
| Re-levered Beta = Averaged Unlevered Beta $x (1 + Debt / Equity x (1 - Tax Rate))$ | | 0.534 x (1 | 1 + 20.7% x (1 | - 24.8%)) = 0.6 | 618 | Re-l | evered Beta | 0.618 |
| Mead Johnson Nutrition Company | MJN | 0.628 | 2,987.5 | 14,401.7 | 20.7% | 17.2% | 24.78% | 0.543 |

^{1) 30} Year Bond Yield for U.S

| | WACC via Comparable | s | |
|---------|---|-----------|--------|
| Cost of | Debt: | | |
| | Historical weighted average cost of debt | | 5.08% |
| | Marginal tax rate | | 24.78% |
| | After-tax cost of debt: 5.08% x (1 - 24.78) | %) = | 3.82% |
| Cost of | Equity: | | |
| | Risk free rate ⁽¹⁾ | | 3.05% |
| | Re-levered beta | • | 0.61 |
| | Market risk premium | | 5.81% |
| | Other | | 0.00% |
| | Cost of equity = 3.05% + (0.618 x 5.81%) | + 0.00% = | 6.64% |
| Percen | tage of Capital | 0.007.5 | 47.00 |
| | Total debt | 2,987.5 | 17.2% |
| | Market value of equity | 14,401.7 | 82.8% |
| | Total capital | 17,389.2 | 100.0% |
| Neight | ted Average Cost of Capital: | | |
| | WACC = (3.82% x 17.2%) + (6.64% x 82. | .8%) = | 6.159 |



Appendix 21: DCF Base FCFF Exit Multiple and Perpetual Growth Method with Sensitivity Analysis

| FCFF Exit Multiple | | Free Cash Flow Perpetual Growth Method | | | |
|---------------------------------|-----------|--|----------|--|--|
| Cumulative PV of Free Cash Flow | 8,512 | Total PV of Free Cash Flow | 8,512.4 | | |
| % of Enterprise Value | 45.3% | % of Enterprise Value | 58.8% | | |
| Terminal Value | | Terminal Value | | | |
| FY2030 EBITDA | 1,995.8 | FY2030E Free Cash Flow | 1,205.8 | | |
| Exit Multiple | 14.9x | Terminal Growth Rate | 0.52% | | |
| Terminal Value | 29,727.5 | Terminal Value | 17,248 | | |
| | . | Discount Factor | 0.35 | | |
| Discount Factor | 0.35 | Present Value of Terminal Value | 5,952 | | |
| PV of Terminal Value | 10,258.94 | % of Enterprise Value | 41% | | |
| % of Enterprise Value | 54.7% | Enterprise Value | 14,465 | | |
| Enterprise Value | 18,771.37 | Less: Total Debt | 2,981 | | |
| Less: Total Debt | 2,981 | Add: Cash and Cash Equivalents | 1,701 | | |
| Add: Cash and Cash Equivalent | 1,701 | Equity Value | 13,185 | | |
| Equity Value | 17,491.77 | Common Shares Outstanding (million) | 189.80 | | |
| Common Shares Outstanding | 189.80 | Implied Price Per Share | 69.47 | | |
| Implied Price Per Share | 92.16 | | | | |
| Perpetuity Growth Rate | | Implied Exit Multiple | | | |
| | 4 005 70 | 2030E EBITDA | 1,995.79 | | |
| 2030E Free Cash Flow | 1,205.78 | Terminal Value | 17,248 | | |
| WACC | 7.55% | Implied Exit Multiple | 8.64 | | |
| Terminal Value | 29,727.5 | | | | |
| Perpetuity Growth Rate | 3.36% | Averaged Price Per Share | \$ 80.81 | | |

| | | | EV/EB | SITDA Exit Mu | ıltiple | |
|------|-------|---------|---------|---------------|----------|----------|
| | | 12.9x | 13.9x | 14.9x | 15.9x | 16.9x |
| | 8.55% | \$76.23 | \$79.40 | \$82.57 | \$85.74 | \$88.90 |
| | 8.05% | \$80.42 | \$83.81 | \$87.20 | \$90.59 | \$93.98 |
| WACC | 7.55% | \$84.89 | \$88.52 | \$92.15 | \$95.78 | \$99.40 |
| | 7.05% | \$89.67 | \$93.55 | \$97.44 | \$101.32 | \$105.20 |
| | 6.55% | \$94.77 | \$98.93 | \$103.09 | \$107.24 | \$111.40 |

| | | Terminal Growth Rate | | | | |
|------|-------|----------------------|---------|---------|---------|---------|
| | | -0.48% | 0.02% | 0.52% | 1.02% | 1.52% |
| | 8.55% | \$56.46 | \$57.80 | \$59.32 | \$61.04 | \$63.00 |
| | 8.05% | \$60.59 | \$62.20 | \$64.03 | \$66.12 | \$68.53 |
| WACC | 7.55% | \$65.26 | \$67.21 | \$69.44 | \$72.00 | \$75.00 |
| | 7.05% | \$70.58 | \$72.95 | \$75.69 | \$78.88 | \$82.65 |
| | 6.55% | \$76.69 | \$79.61 | \$83.01 | \$87.02 | \$91.83 |

Appendix 22: DCF Bull FCFF Exit Multiple and Perpetual Growth Method with Sensitivity Analysis

| FCFF Exit Multiple | | Free Cash Flow Perpetual Growtl | h Method |
|---------------------------------|-----------|-------------------------------------|-----------|
| Cumulative PV of Free Cash Flow | 11,393 | Total PV of Free Cash Flow | 11,393.2 |
| % of Enterprise Value | 39.9% | % of Enterprise Value | 53.4% |
| Terminal Value | | Terminal Value | |
| FY2030 EBITDA | 3,077.3 | FY2030E Free Cash Flow | 1,868.6 |
| Exit Multiple | 16.2x | Terminal Growth Rate | 1.00% |
| Terminal Value | 49,816.5 | Terminal Value | 28,825 |
| Discount Factor | 0.35 | Discount Factor | 0.35 |
| | | Present Value of Terminal Value | 9,948 |
| PV of Terminal Value | 17,191.67 | % of Enterprise Value | 47% |
| % of Enterprise Value | 60.1% | Enterprise Value | 21,341 |
| Enterprise Value | 28,584.90 | Less: Total Debt | 2,981 |
| Less: Total Debt | 2,981 | Add: Cash and Cash Equivalents | 1,701 |
| Add: Cash and Cash Equivalent | 1,701 | Equity Value | 20,061 |
| Equity Value | 27,305.30 | Common Shares Outstanding (million) | 189.80 |
| Common Shares Outstanding | 189.80 | Implied Price Per Share | 105.70 |
| Implied Price Per Share | 143.86 | | |
| | | Implied Exit Multiple | |
| Perpetuity Growth Rate | | - 2030E EBITDA | 3,077.33 |
| 2030E Free Cash Flow | 1,868.65 | Terminal Value | 28,825 |
| WACC | 7.55% | Implied Exit Multiple | 9.37 |
| Terminal Value | 49,816.5 | | |
| Perpetuity Growth Rate | 3.66% | Averaged Price Per Share | \$ 124.78 |

| | | EV/EBITDA Exit Multiple | | | | | | | |
|------|-------|-------------------------|----------|----------|----------|----------|--|--|--|
| | | 14.2x | 15.2x | 16.2x | 17.2x | 18.2x | | | |
| | 8.55% | \$118.71 | \$123.59 | \$128.48 | \$133.36 | \$138.25 | | | |
| | 8.05% | \$125.47 | \$130.70 | \$135.93 | \$141.15 | \$146.38 | | | |
| WACC | 7.55% | \$132.70 | \$138.29 | \$143.89 | \$149.48 | \$155.07 | | | |
| | 7.05% | \$140.42 | \$146.41 | \$152.40 | \$158.39 | \$164.37 | | | |
| | 6.55% | \$148.68 | \$155.09 | \$161.51 | \$167.92 | \$174.33 | | | |

| | | Terminal Growth Rate | | | | | | | |
|------|-------|----------------------|----------|----------|----------|----------|--|--|--|
| | | 0.00% | 0.50% | 1.00% | 1.50% | 2.00% | | | |
| | 8.55% | \$84.03 | \$86.37 | \$89.02 | \$92.04 | \$95.53 | | | |
| WACC | 8.05% | \$90.68 | \$93.50 | \$96.72 | \$100.44 | \$104.76 | | | |
| | 7.55% | \$98.26 | \$101.69 | \$105.65 | \$110.26 | \$115.70 | | | |
| | 7.05% | \$106.97 | \$111.19 | \$116.10 | \$121.89 | \$128.84 | | | |
| | 6.55% | \$117.08 | \$122.31 | \$128.49 | \$135.89 | \$144.92 | | | |

<u>Appendix 23</u>: DCF Bear FCFF Exit Multiple and Perpetual Growth Method with Sensitivity Analysis

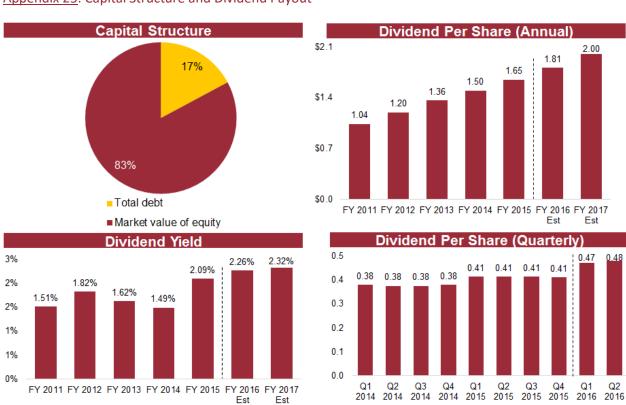
| FCFF Exit Multiple | | Free Cash Flow Perpetual Growth Method | | | |
|---------------------------------|-----------|--|----------|--|--|
| Cumulative PV of Free Cash Flow | 6,731 | Total PV of Free Cash Flow | 6,731.4 | | |
| % of Enterprise Value | 54.2% | % of Enterprise Value | 68.4% | | |
| Terminal Value | | Terminal Value | | | |
| FY2030 EBITDA | 1,313.3 | FY2030E Free Cash Flow | 778.8 | | |
| Exit Multiple | 12.6x | Terminal Growth Rate | -1.01% | | |
| Terminal Value | 16,506.7 | Terminal Value | 9,013 | | |
| Discount Factor | 0.35 | Discount Factor | 0.35 | | |
| | | Present Value of Terminal Value | 3,110 | | |
| PV of Terminal Value | 5,696.45 | % of Enterprise Value | 32% | | |
| % of Enterprise Value | 45.8% | Enterprise Value | 9,842 | | |
| Enterprise Value | 12,427.87 | Less: Total Debt | 2,981 | | |
| Less: Total Debt | 2,981 | Add: Cash and Cash Equivalents | 1,701 | | |
| Add: Cash and Cash Equivalent | 1,701 | Equity Value | 8,562 | | |
| Equity Value | 11,148.27 | Common Shares Outstanding (million) | 189.80 | | |
| Common Shares Outstanding | 189.80 | Implied Price Per Share | 45.11 | | |
| Implied Price Per Share | 58.74 | | | | |
| | | Implied Exit Multiple | | | |
| Perpetuity Growth Rate | | 2030E EBITDA | 1,313.30 | | |
| 2030E Free Cash Flow | 778.76 | Terminal Value | 9,013 | | |
| WACC | 7.55% | Implied Exit Multiple | 6.86 | | |
| Terminal Value | 16,506.7 | | | | |
| Perpetuity Growth Rate | 2.70% | Averaged Price Per Share | \$ 51.92 | | |

| | | | | | | - | | | |
|------|-------|-------------------------|----------------------|---------|---------|---------|--|--|--|
| | | EV/EBITDA Exit Multiple | | | | | | | |
| | | 10.6x | 11.6x | 12.6x | 13.6x | 14.6x | | | |
| | 8.55% | \$48.80 | \$50.89 | \$52.97 | \$55.06 | \$57.14 | | | |
| | 8.05% | \$51.33 | \$53.56 | \$55.79 | \$58.02 | \$60.25 | | | |
| WACC | 7.55% | \$54.02 | \$56.41 | \$58.79 | \$61.18 | \$63.57 | | | |
| | 7.05% | \$56.89 | \$59.44 | \$62.00 | \$64.55 | \$67.11 | | | |
| | 6.55% | \$59.94 | \$62.68 | \$65.41 | \$68.15 | \$70.88 | | | |
| | | | Terminal Growth Rate | | | | | | |
| | | -2.01% | -1.51% | -1.01% | -0.51% | -0.01% | | | |
| | 8.55% | \$38.18 | \$38.81 | \$39.51 | \$40.28 | \$41.15 | | | |
| | 8.05% | \$40.57 | \$41.31 | \$42.14 | \$43.06 | \$44.10 | | | |
| WACC | 7.55% | \$43.23 | \$44.11 | \$45.09 | \$46.19 | \$47.44 | | | |
| | 7.05% | \$46.19 | \$47.23 | \$48.41 | \$49.74 | \$51.26 | | | |
| | | | | | | | | | |

<u>Appendix 24</u>: EPS Estimate vs. Analyst Consensus EPS Estimate

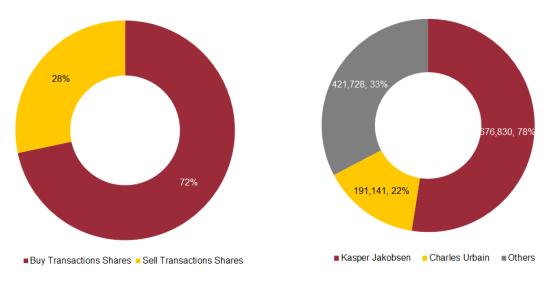
| | Analyst Consensus | EPS Estimate |
|------------|----------------------|--------------|
| Q1 2016 | \$0.85/share | \$0.92/share |
| Q2 2016 | \$0.82/share | \$0.87/share |
| Q2 2016 | \$0.92/share | \$0.82/share |
| Q2 2016 | \$0.92/share | \$0.88/share |

Appendix 25: Capital Structure and Dividend Payout



Appendix 26: Insider Trading

▲ Buy Share Transaction mainly include the purchasing of options to exercise them



Appendix 27: Football Field Metrics

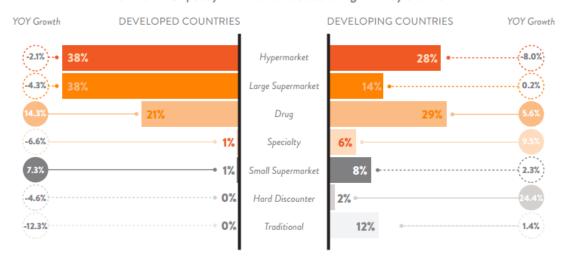
| lead Johnson Nutrition Company Valuation Football Field | | | | | | | | | |
|--|-------|--------|--------|--------|--------|-----|-------|--|--|
| Football Field W/ NTM Historical Multiples and LTM Comparables | | | | | | | | | |
| Min Q1 Median Q3 Max Weighting | | | | | | | | | |
| DCF Perpetuity | 45.10 | 57.27 | 69.45 | 87.55 | 105.66 | 50% | 100% | | |
| DCF Exit Multiple | 58.72 | 75.43 | 92.14 | 117.99 | 143.83 | 50% | 10076 | | |
| Comparables NTM EV/Revenues | 43.26 | 54.17 | 57.73 | 61.44 | 82.66 | 0% | | | |
| Comparables NTM EV/EBITDA | 89.01 | 92.79 | 94.61 | 97.30 | 123.85 | 0% | 0% | | |
| Comparables NTM P/E | 46.87 | 71.29 | 71.74 | 75.62 | 106.97 | 0% | | | |
| Comparables LTM EV/Revenues | 47.57 | 54.78 | 57.15 | 61.08 | 89.40 | 0% | | | |
| Comparables LTM EV/EBITDA | 68.01 | 68.36 | 76.80 | 96.62 | 113.67 | 0% | 0% | | |
| Comparables LTM P/E | 93.03 | 113.14 | 125.59 | 134.29 | 143.15 | 0% | | | |
| Current Price | | | 75.79 | | | | | | |
| Target Price | | \$ | 80.79 | | | | | | |
| Implied Upside (Downside) | | | 6.6% | | | | | | |

| Football Field Chart | | | | | |
|-----------------------------|------------|-----------|---------------|-----------|------------|
| | <u>Min</u> | <u>Q1</u> | <u>Median</u> | <u>Q3</u> | <u>Max</u> |
| DCF Perpetuity | 45.11 | 12.18 | 12.18 | 18.11 | 18.11 |
| DCF Exit Multiple | 58.74 | 16.71 | 16.71 | 25.85 | 25.85 |
| Comparables NTM EV/Revenues | 43.26 | 10.91 | 3.56 | 3.71 | 21.22 |
| Comparables NTM EV/EBITDA | 89.01 | 3.78 | 1.83 | 2.69 | 26.54 |
| Comparables NTM P/E | 46.87 | 24.43 | 0.45 | 3.87 | 31.36 |
| Comparables LTM EV/Revenues | 47.57 | 7.21 | 2.37 | 3.93 | 28.32 |
| Comparables LTM EV/EBITDA | 68.01 | 0.35 | 8.44 | 19.82 | 17.05 |
| Comparables LTM P/E | 93.03 | 20.11 | 12.45 | 8.70 | 8.86 |

Appendix 27: Baby Formula Sales by Store Format

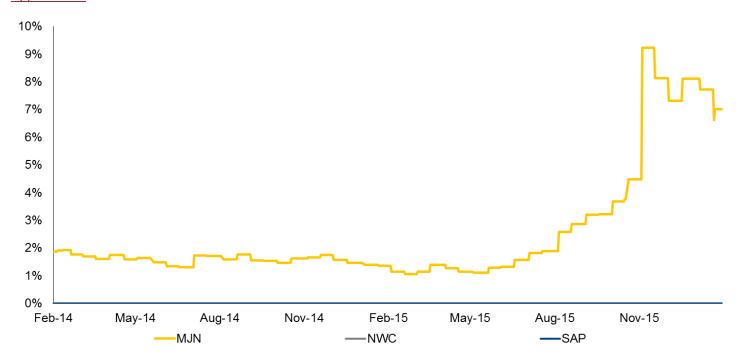
BABY FORMULA IS GROWING MOST IN SMALLER STORE FORMATS

Share of 2014 baby formula value sales and growth by channel

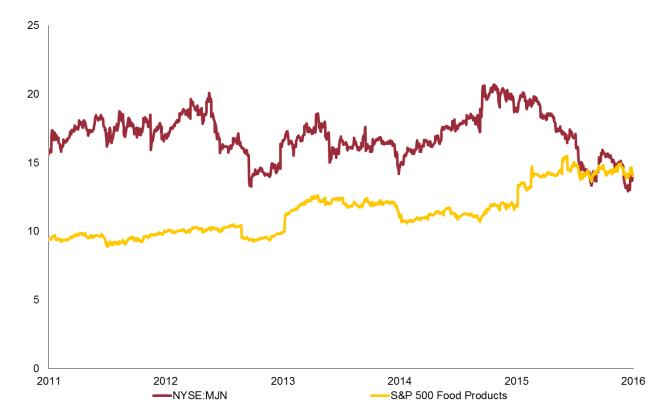


Source: Nielsen Retail Measurement Sales data Note: See Methodology section for a listing of developed and developing countries

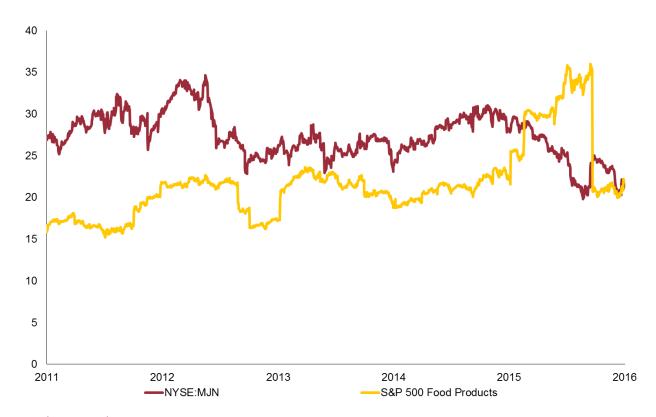
Appendix 28: Short Interest



Appendix 29: MJN Historical EV/EBITDA



Appendix 29: MJN Historical P/E



Appendix 30: Hedging Activity

- ▲ The Company uses foreign exchange contracts to hedge forecasted transactions, primarily foreign currency denominated inter- company purchases anticipated in the next 18 months and designates these derivative instruments as foreign currency cash flow hedges when appropriate
- ▲ The forward starting swaps effectively mitigated the interest rate exposure associated with the Company's offering of the 2044 Notes, the proceeds of which were used to redeem all of the Company's 2014 Notes

 Variable Rate
 Poid

- ▲ The Company utilizes commodity hedges to minimize the variability in cash flows due to fluctuations in market prices of the Company's non- fat dry milk purchases for North America
- ▲ The following hedges are recorded at fair value

| (In millions | s) | Hedge Designation | Balance Sheet Location | September 30, 2015 | _ | December 31, 2014 |
|--------------|---------------|-------------------|-----------------------------------|------------------------|----|-------------------|
| Foreign ex | change | Cash Flow | | | | |
| contracts | | | Prepaid expenses and other assets | \$ 13.3 | \$ | 13.0 |
| Interest rat | e forward | Fair Value | | | | |
| swaps | | | Other assets | 13.7 | | _ |
| Commodit | y contracts | Cash Flow | Prepaid expenses and other assets | 0.7 | | _ |
| Foreign ex | change | Cash Flow | | | | |
| contracts | | | Accrued expenses | _ | | (0.2) |
| Commodit | y contracts | Cash Flow | Accrued expenses | (0.3) | | (0.8) |
| Interest rat | e forward | Fair Value | | | | |
| swaps | | | Other liabilities | _ | _ | (0.9) |
| Net asset/(| liability) of | | | | | |
| derivatives | designated as | | | | | |
| hedging ite | ems | | | \$ 27.4 | \$ | 11.1 |

Appendix 31: Manufacturing Facilities

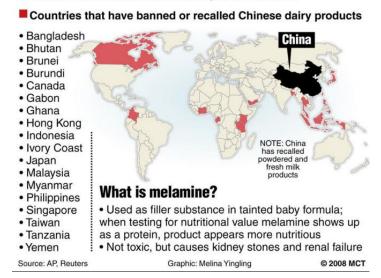


Appendix 32: Chinese Milk Scandal

- ▲ 2008 Chinese Milk Scandal which killed 6 babies and infected 300,000 more with melamine (used to manufacture plastic) which caused severe kidney problems such as kidney stones
- ▲ The controls tests used to test for protein levels fails to distinguish between nitrogen in melanin and naturally occurring nitrogen in amino acids
- ▲ Just four years prior to this, 13 infants had died from malnutrition due to watered-down milk
- Aftermath:
 - > 11 countries stopped importing dairy products from China
 - Two people got executed by the Chinese government (Dairy farmer + manager of a milk production center)

Banned dairy from China

Countries are banning and recalling Chinese dairy imports, fearing melamine-tainted milk has made its way to their markets.



Appendix 33: Historical DPS and Historical Yield

