

# **Gary Mishuris**

Managing Partner & Chief Investment Officer, Silver Ring Value Partners







# ALLERGAN (AGN) INVESTMENT OVERVIEW WIDE-MOAT INVESTING SUMMIT 2018

Gary Mishuris, CFA | Managing Partner, Chief Investment Officer

### **BIOGRAPHY**



GARY MISHURIS, CFA
Managing Partner,
Chief Investment Officer

### **Professional Experience:**

- Fidelity Management & Research (2001-2004): Equity Research Associate
- Evergreen Investments/Wells Capital Management (2004-2010):
   Vice President, Senior Equity Analyst/Portfolio Manager
- Manulife Asset Management (2011-2016): Managing Director, Portfolio Manager
- Silver Ring Value Partners (2016-present): Managing Partner, Chief Investment Officer

Prior to founding Silver Ring Value Partners in 2016, Gary successfully managed the US Focused Value strategy using a concentrated intrinsic value process at Manulife Asset Management from 2012-2016 as Lead Portfolio Manager.

#### **Education:**

Massachusetts Institute of Technology Bachelors of Science in Economics, Computer Science (2001)



### **OBJECTIVE AND STRATEGY**

The Fund seeks to compound capital over the long-term through a concentrated portfolio of well-researched securities.

### Why Silver Ring Value Partners:

#### **Competence:**

Time-tested intrinsic value investment philosophy and process that have generated good results in the past.

#### **Alignment:**

Structured so that the investment manager can only build meaningful net worth if the clients do well over a number of years.

#### Passion:

Motivated by the intellectual challenge of investing and the desire to make a positive impact on others.



## **COMPETITIVE ADVANTAGE**



Long-term Time Horizon – ability to take advantage of market inefficiencies



Limited Asset Base to preserve the ability to invest in the most inefficiently priced securities



Micro-Economic Focus – concentrate on opportunities where the key drivers of investment success are company-

and industry-specific factors



Temperament to consistently implement a rigorous value investing process developed over fifteen years of professional experience

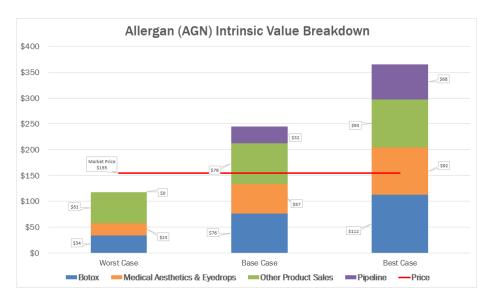


### INVESTMENT PHILOSOPHY

- Intrinsic Value: A stock is a partial ownership interest in a business with its worth determined by the underlying business's long-term economics.
- Margin of Safety: An investment's margin of safety is determined by the combination of the *quality* of the underlying company and the discount from a conservative appraisal of intrinsic value offered by the *price*.
- Long-term Time Horizon: The focus is on achieving the best possible compounding of capital over a period of many years rather than managing short-term volatility of returns.
- Rational and Disciplined Execution: The market occasionally misprices securities for behavioral reasons.
   These arise due to market participants reacting to developments emotionally rather than rationally and to some market participants' misaligned incentives. By remaining rational and disciplined in the implementation of my process, I can both take advantage of the market's mistakes and guard against making mistakes of my own.
- Concentrated Portfolio: Investment opportunities that combine a company of high quality with a price that is at a material discount to intrinsic value are infrequent. After constructing a portfolio where being wrong on any single judgment should not result in a material loss of principal for the portfolio as a whole, additional diversification is more likely to increase rather than reduce risk by forcing the inclusion of increasingly inferior investments.



### Thesis Summary



Allergan (AGN) is a pharmaceutical company with three components of value:

- 1. Botox & Medical Aesthetics medications economics are more similar to luxury goods than to typical drugs
- 2. Other medications mix of stable niche specialty drugs and regular drugs with a steep patent cliff
- 3. Future pipeline sales derived from substantial R&D investment

My estimate of the company's intrinsic value puts the stock at less than 65% of my Base Case value (50%+ expected return) with a downside to the Worst Case value of less than 25%. The market is overly concerned with near-term patent losses while underestimating the inelastic demand for and growth characteristics of the Botox and Medical Aesthetics franchises. The pipeline, which has meaningful value on an expected-value basis, is also overly discounted due to few readily identifiable blockbusters close to launch.



#### Security Research and Valuation

#### **Five-Step Research Process**



### The goal is to answer the following two questions:

- How predictable is the long-term economic outcome of the business?
- What is a reasonable range of intrinsic values?



#### Security Research and Valuation

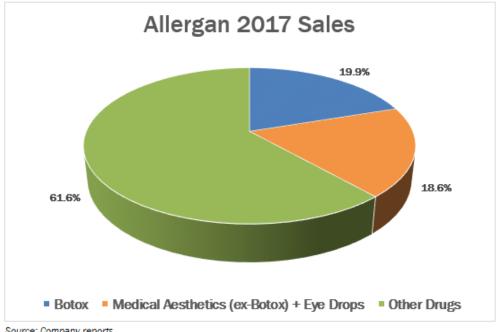
Step 1

### **Company Quality Assessment**

- Business Quality industry's structural attractiveness and company's sustainable competitive advantage
- Management Quality track record of operations and capital allocation as well as alignment of incentives
- Balance Sheet Quality ability to withstand temporary adversity without reducing security value



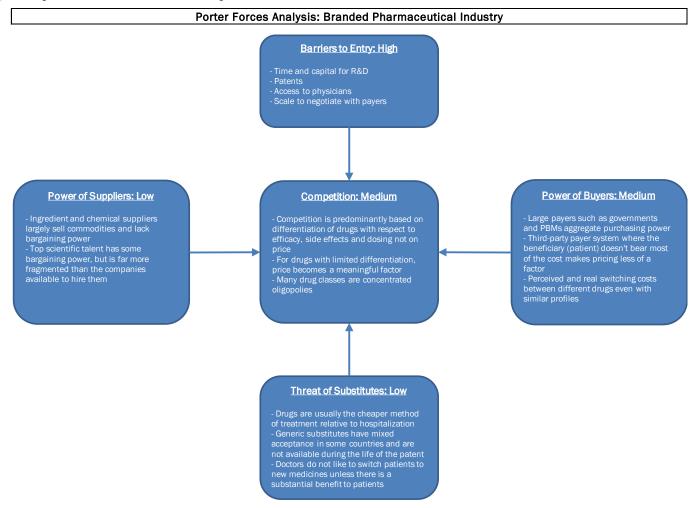
#### **Business Overview**



- Source: Company reports
- Botox and Medical Aesthetics are growing businesses with long duration of revenues
- Other drugs mostly face patent expiration in the next 1-10 years and have little terminal value
- Therefore the Botox and Medical Aesthetics businesses represent a substantially larger portion of intrinsic value than they do of sales



#### Business Quality: Structural Industry Attractiveness



Conclusion: Branded Pharmaceutical industry is structurally attractive



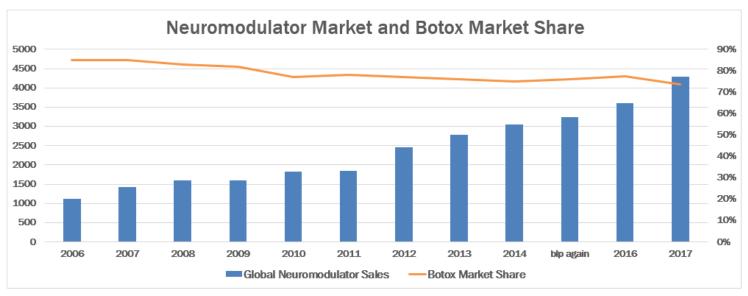
**Business Quality: Competitive Advantage** 

#### Sources of Sustainable Competitive Advantage

- 1. Very strong Botox brand which likely creates inelastic demand more similar to luxury goods than to typical drugs
- Dominant market shares in Neuromodulators (Botox) and Medical Aesthetics leading to scale advantages in Sales & Marketing
- 3. Patents protecting a number of drugs



### Business Quality: Competitive Advantage - Dominant Market Share

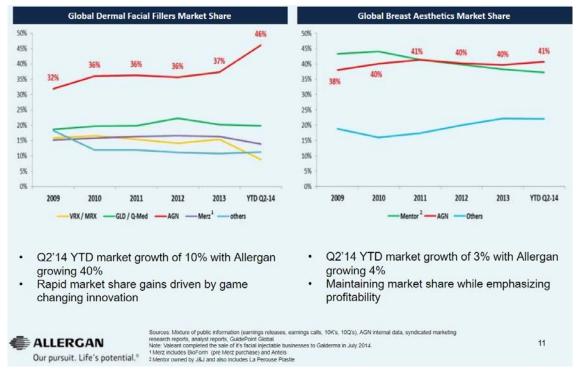


Source: AGN 10-Ks, Revance presentation (2018)

- Market penetration is still low, leading to above-average growth (low-teens historically)
- Botox market share has remained very high despite competition from new toxins over the last 5 years



#### Business Quality: Competitive Advantage - Dominant Market Share



Source: Legacy Allergan Presentation, 2014

- Allergan has strong #1 positions in Medical Aesthetics ex-Botox
- Market shares do not move around rapidly increases predictability of long-term economics

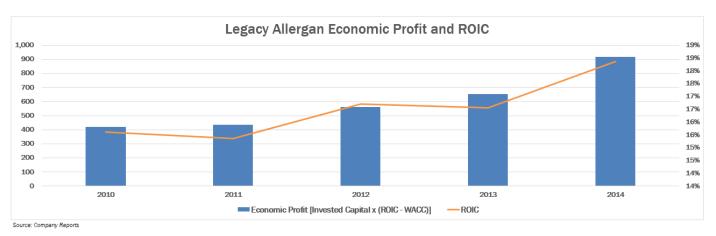


### Business Quality: Competitive Advantage - Strong Botox Brand

- Market share losses have been very small despite many years of market presence of cheaper alternatives
- Customers using Botox for cosmetic reasons are:
  - 1. Wealthy
  - 2. Care about what their peers think
  - Identify Botox with the category (similar to how Xerox was synonymous with a photo-copy).
- The 'tox' in Botox stands for 'toxin'. Therefore a long track record of safety is very important, and absence of proof of negative side-effects in alternatives is not the same as proof of absence.
- Amgen's Enbrel is a useful analog it was a mature complex biological drug that faced numerous new entrants with somewhat better efficacy. However, because its efficacy was good enough and its safety track-record long and superb, it was able to grow and significantly raise prices despite new drugs that had better efficacy and in theory non-inferior side-effect profile.
- <u>Conclusion</u>: Business Quality is <u>Excellent</u>



### **Business Quality: Validation**



- It is important to compare our qualitative analysis against historical financial metrics
- High quality businesses should have Return on Invested Capital well in excess of their cost of capital
- Hard to get a data for the current Allergan due to acquisitions and divestitures, but we do know that:
  - Legacy Allergan (majority of current business value) had high ROIC
  - Current Return on Tangible Invested Capital is very high (~ 80% in 2017)
  - Current Return on Invested Capital is low (~5% in 2017) due to the prices paid for legacy Allergan and for the recent acquisitions which have early-stage products not yet fully reflected in current returns
- Clear evidence that the underlying business is of high quality, not clear whether management's capital allocation decisions have been good on average



#### Management Quality

#### What Determines Management Quality

- 1. Track-record of a) operating the business b) capital allocation
- 2. Alignment of incentives with shareholders

#### Allergan's Management: Track Record

- Too early to tell given that current management team at the helm of the company in its current form for only ~ 3 years
- Key franchises (Botox, aesthetics) showing strong organic growth (but likely due to prior management)
- Divestiture of the generics business to Teva looks like a good capital allocation decision
- Purchase of Allergan so far is not earning its cost of capital; more recent deals are too recent to fully assess

#### Allergan's Management: Alignment

- Large direct share ownership: CEO \$30M and ex-CEO/current Board Member: \$60M
- Compensation driven by a combination of qualitative goals, revenue/EPS goals and performance shares based on relative stock return and R&D outcomes. Could be improved if there were a meaningful explicit ROIC/Economic Profit component.

<u>Conclusion</u>: Management Quality is **Above Average**, with above-average alignment and average track record.



#### **Balance Sheet Quality**

#### **What Determines Balance Sheet Quality**

- 1. Ability to withstand temporary adversity without needing to raise capital
- 2. Appropriate leverage relative to profitability that doesn't necessitate the use of Free Cash Flow to reduce debt

#### **Balance Sheet Quality**

- \$27B of debt, with Gross Debt/EBITDA ~ 3.5x
- Interest Coverage (EBITA/Interest) is ~ 7x on 2017 EBITA.
- Maturities well distributed over time

**Conclusion:** Balance Sheet Quality is **Average** 



#### Security Research and Valuation

Step 2

Analysis of Key
Economic Variables



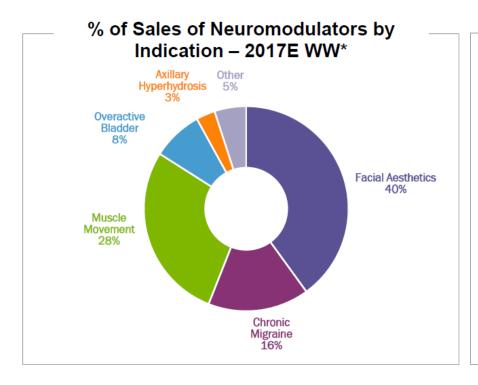
- Identify key economic variables most likely to materially impact the long-term business outcome
- Establish a range of reasonable values for each variable under different scenarios

If we could only know 5 or fewer things about the business 10 years from now, what would they be?

- 1. Botox sales growth
- 2. Medical Aesthetics ex-Botox sales growth
- 3. Sales generated from the R&D Pipeline



#### Key Economic Variables – Botox



#### US\$ 5-Year CAGR, 2017-2022F\*\* **Therapeutic Aesthetic** Total 13.5% 10.0% 12.2% United States 10.2% 9.6% International 9.9% Worldwide 12.3% 10.1% 11.3%

**Projected Neuromodulator Sales** 

revance\*

Source: Revance presentation, 2018

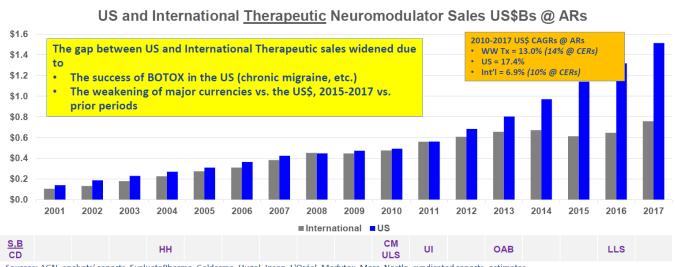
- Historical annual market growth of 18% over 5 years, 12% over 10 years
- Opportunity: high market growth due to low penetration



<sup>\*</sup> Source: Global Industry Analysts, Inc. Botulinum Toxin – A Global Strategic Business Report, Jan 2018
\*\*Projections from Niche HealthCare Strategic Advisors

#### Key Economic Variables - Botox

### A Total of Nine FDA Therapeutic Approvals for BOTOX Have Helped Drive the **Growth of the Therapeutic Neuromodulator Sales**



Sources: AGN, analysts' reports, EvaluatePharma, Galderma, Hugel, Ipsen, L'Oréal, Medytox, Merz, Nestle, syndicated reports, estimates

Source: Revance presentation, 2018

Indication expansion has helped drive growth in the therapeutic market



#### Key Economic Variables – Botox

# Aesthetic Neuromodulator Sales and Growth Have Been Particularly Robust the Past Eight Years



Sources: AGN, analysts' reports, EvaluatePharma, Galderma, Hugel, Ipsen, L'Oréal, Medytox, Merz, Nestle, syndicated reports, estimates

Source: Revance presentation, 2018

 Aesthetic neuromodulator growth driven by low penetration, new indications and marketing

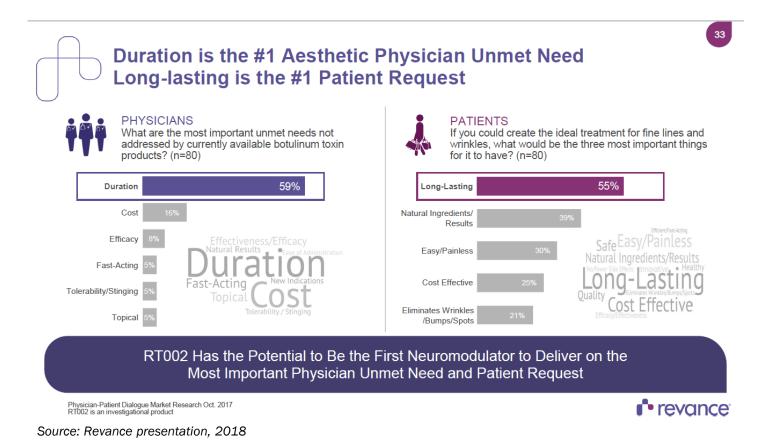


#### Key Economic Variables – Botox

- Threats:
  - 1. Biosimilar Botox
  - 2. Longer-acting Toxin from Revance
  - 3. New class of drugs, CGRPs, that address Chronic Migraine
- 1. <u>Biosimilar Botox</u>: likely to have low impact due to strong brand, strong safety record and superior provider economics.
- 2. <u>Longer-acting Toxin</u>: likely to take some market share, but gradually. Still has to overcome huge brand equity/name recognition and compete with Botox's safety record. Could also help to expand the market.
- 3. <u>CGRPs</u>: Will definitely take some market share but will also grow the market



#### Key Economic Variables - Botox



- Competition in Aesthetics in 2020/2021, in the rapeutic settings beyond that
- Competitor, Revance, projecting \$3B+ in sales in 2026, implying ~ 25% share



#### Key Economic Variables - Botox





Source: Revance presentation, 2018



#### 25 Leading KOL Physicians

- If a toxin lasted 24 weeks, 60% thought it could capture 50% or more of the market.
- 72% of patients would have high enthusiasm for a longer-acting toxin.



### 25 Plastic Surgeons and Dermatologists

- · 56% percent would prefer longer duration.
- RT002 is expected to capture 14% of the market in 1st year, grow to 30% in the 5th.



### 61 Plastic Surgeons and Dermatologists

- ~74% indicated they would be "somewhat likely" to recommend RT002.
- 53% felt the product would also offer better alignment to filler injection schedule.



### 35 High-Volume Dermatologists and Plastic Surgeons

 Nearly 90% thought 6-month duration would be "meaningful or very meaningful" for their practice and patients, supporting nearly 40% penetration in glabellar lines 4-years from launch.

- Duration of treatment matters to doctors and patients
- Initial surveys point to it taking a material minority of the market
- Real-world experience likely to be somewhat tempered by prescriber economics, Botox brand recognition and risk-aversion for a complex drug



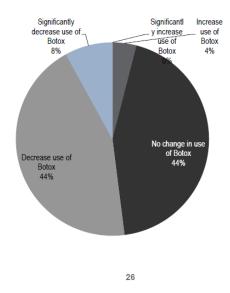
#### Key Economic Variables – Botox

#### Expectations for Future Use of Botox Post-CGRP Approvals

Physicians don't expect a significant change in use of Botox post-CGRP approvals

#### How do you expect the CGRP class to affect your future use of Botox, if at all?

- Physicians split between those who expect to reduce Botox use (52%) and those who do not expect their use to change at all (44%) with very few expecting to significantly decrease (8%) or increase (4%) use
- JPM View: We are anticipating a slowdown in Botox therapeutic growth as the CGRPs enter the market but see this impact as fairly manageable in the context of a broader Botox franchise with strong aesthetic trends as well as continued growth in a range of other therapeutic indications



Source: JP Morgan Research Report, 5/2018

CGRPs will have some impact

Source: JP Morgan Research



J.P.Morgan

#### Key Economic Variables – Botox

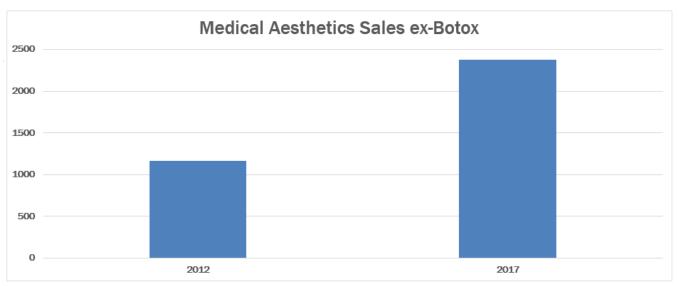
Botox Future Growth (10-Year CAGR)												
		Share Change (10-Year Cumulative)										
		-40%	-35%	-30%	-25%	-20%	-15%	-10%				
₩	4%	-3.8%	-2.5%	-1.3%	-0.2%	0.8%	1.7%	2.5%				
CAGR)	5%	-2.9%	-1.6%	-0.3%	0.7%	1.7%	2.6%	3.5%				
	6%	-2.0%	-0.6%	0.6%	1.7%	2.7%	3.6%	4.5%				
(10-Year	7%	-1.1%	0.3%	1.6%	2.7%	3.7%	4.6%	5.5%				
ģ	8%	-0.1%	1.3%	2.5%	3.6%	4.6%	5.6%	6.4%				
	9%	0.8%	2.2%	3.4%	4.6%	5.6%	6.5%	7.4%				
Growth	10%	1.7%	3.1%	4.4%	5.5%	6.6%	7.5%	8.4%				
iro	11%	2.6%	4.1%	5.3%	6.5%	7.5%	8.5%	9.4%				
	12%	3.6%	5.0%	6.3%	7.5%	8.5%	9.5%	10.4%				
Market	13%	4.5%	5.9%	7.2%	8.4%	9.5%	10.5%	11.4%				
M	14%	5.4%	6.9%	8.2%	9.4%	10.4%	11.4%	12.3%				

Source: Silver Ring Value Partners estimates

- Botox likely to enjoy high single-digit growth over the next decade despite the threats
- 10-year growth forecast: 3% to 12% with a Base Case of 8%



### Key Economic Variables – Medical Aesthetics ex-Botox



Source: Legacy Allergan filings, Allergan filings, Silver Ring Value Partners estimates Note: Includes Eye Drops since they share similar economic characteristics

- Organic growth 5-year CAGR of 7.5%
- Key Juvederm filler product family (45% of Medical Aesthetics) continues to grow double-digits due to low penetration despite ~ \$1B in sales
- Recently acquired products in the portfolio at an early stage of maturity
- 10-year growth forecast: 2% to 12% with a Base Case of 8%



#### Key Economic Variables – Sales from R&D Pipeline

- Approach is based on estimating a relationship between R&D investment and incremental sales
- Not as precise as modeling each pipeline drug, but avoids false precision and arbitrary probabilities and gets it "approximately right" rather than "precisely wrong"
- Less susceptible to swings based on small data-points than that of most market participants
- Step 1: Calculate 10 Years of R&D spend
- Step 2: Adjust for any known failures, successes already on the market and maintenance R&D for products already on the market
- Step 3: Estimate the company's historical R&D productivity, defined as the incremental sales due to R&D 5 years after the end of the 10-year period of R&D spend divided by the adjusted R&D spend
- Step 4: Estimate the company's future R&D productivity by giving partial weight to the company's historical productivity and partial weight to the industry's (usually 50/50)
- <u>Step 5:</u> Apply the estimated R&D productivity from Step 4, to the adjusted R&D spend from Step 2 to get estimated future pipeline sales.
- Worst Case assumes 0% R&D productivity, Best Case assumes 50% higher than Base Case

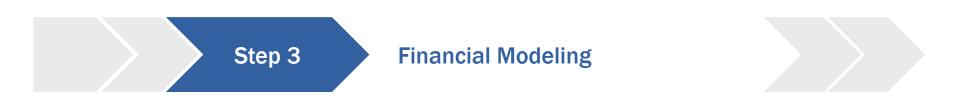


### Key Economic Variables – Sales from R&D Pipeline

Pipeline Sales Estimation Process Illustration: Allergan's Base Case																
Allergan (and relevant predecessors) R&D	<b>2007</b> 718	<b>2008</b> 798	<b>2009</b> 783	<b>2010</b> 1,613	<b>2011</b> 2,065	<b>2012</b> 1,796	<b>2013</b> 1,042	<b>2014</b> 2,156	<b>2015</b> 2,359				2019E	2020E	2021E	
Cumulative R&D, 2008-2017 Assume 15% is maintenance (for drugs on t	ne market	)													17,287	<- Step 1
Adjusted Cumulative R&D															14,694	<- Step 2
Company Historical R&D Productivity Weight	(Legacy	Allergan	R&D pro	ductivity	was abov	e averag	e but no	longer re	levant giv	ven new r	nanager	nent)				<- Step 3
Industry Historical R&D Productivity Weight															24% 100%	
Estimated Future R&D Productivity															24%	<- Step 4
Pipeline Peak Sales (in 2022E)															3,527	<- Step 5



#### Security Research and Valuation



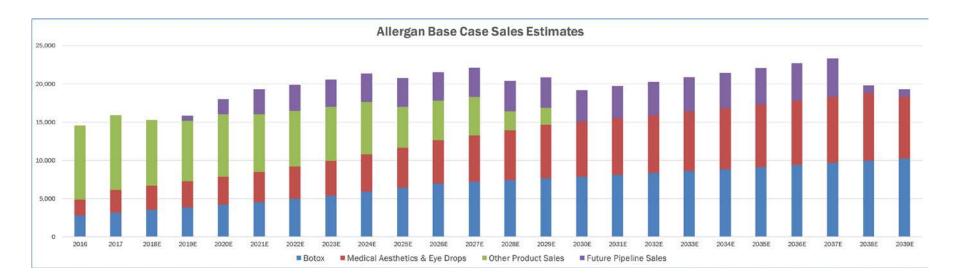
Use the analysis from Steps 1 and 2 to model the company's income statement, balance sheet and cash flow statement, and create 3 scenarios:

- Worst case, where each key economic variable has its worst likely outcome
- Base case, where each key economic variable has its most likely outcome
- Best case, where each key economic variable has its best likely outcome

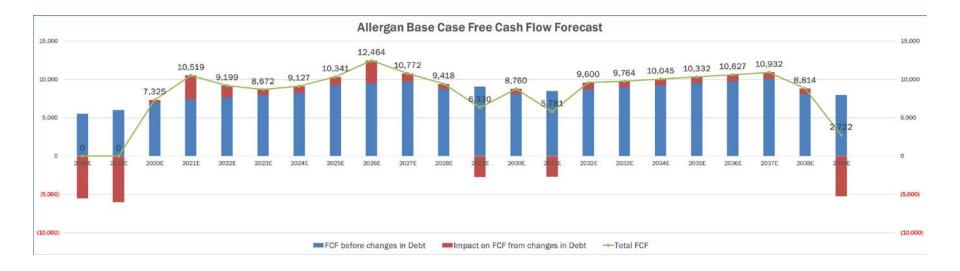


ALLERGAN PLC	(AGN US	S) Model	& Value	Estimate		Notes				
	Worst	Base	Best	LFY	LT Avg					
Sales Assumptions										
Botox Growth	2%	8%	12%							
Medical Aesthetics ex-Botox Growth	2%	8%	12%							
Other High-Growth Drugs Growth	2%	8%	12%							
R&D Productivity	0%	24%	39%			Base Case Implied R&D after-tax ROIC =	14.0%			
COGS % Sales	17.0%	14.0%	11.0%	12.7%						
R&D % Sales	2.5%	10.0%	12.0%	13.2%						
Sales & Marketing % Sales	19.0%	21.0%	23.0%	21.2%						
G&A Growth Rate	0.0%	2.0%	4.0%							
EBITA (%)	51.7%	49.7%	50.0%	44.3%						
Interest Expense	933	933	933	1,061						
Tax Rate	21.0%	14.0%	14.0%	12.6%						
Shares	334.6	334.6	334.6	333.8						
Organic Sales Growth	-2%	3%	6%							
EBITA Growth	-1%	5%	8%							
FCF % Net Income	100%	100%	100%							
Debt	30,075	30,075	30,075	30,075		LFQ =	26,563			
Debt/EBITDA	2.00x	2.50x	3.00x	4.2x			3.7x			
Equity	72,346	72,346	72,346	73,837						
Intangibles	102,626	102,626	102,626	104,511						
Tangible Equity	(30,280)	(30,280)	(30,280)	(30,674)						











							ALLEI	RGAN	PLC (A	GN US	Base (	Case M	odel												
	2016	2017	2018E	2019E	2020E		2022E				2026E			2029E	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	CAG
šales	14,603	15,941	15,144	15,732	17,894	19,210		20,631	21,448							19,838	20,401		21,579	22,195	22,830	23,483	19,859	19,340	3.0%
Botox	2,786	3,169	3,541	3,852	4,191	4,561	4,966	5,408	5,891	6,419	6,996	7,206	7,422	7,645	7,874	8,111	8,354	8,604	8,863	9,128	9,402	9,684	9,975	10,274	7.8%
Cosmetic	1,209	1,369	1,515	1,631	1,756	1,892	2,039	2,198	2,371	2,557	2,760	2,843	2,928	3,016	3,106	3,200	3,296	3,394	3,496	3,601	3,709	3,820	3,935	4,053	6.9%
U.S.	729	812	885	938	995	1,054	1,118	1,185	1,256	1,331	1,411	1,453	1,497	1,542	1,588	1,636	1,685	1,735	1,787	1,841	1,896	1,953	2,012	2,072	5.4%
International	480	557	629	692	761	838	921	1,013	1,115	1,226	1,349	1,389	1,431	1,474	1,518	1,564	1,611	1,659	1,709	1,760	1,813	1,867	1,923	1,981	8.7%
Therapeutic	1,577	1,800	2,026	2,221	2,435	2,669	2,927	3,210	3,520	3,861	4,236	4,363	4,494	4,629	4,768	4,911	5,058	5,210	5,366	5,527	5,693	5,864	6,040	6,221	8.4%
U.S.	1,254	1,442	1,615	1,761	1,919	2,092	2,280	2,485	2,709	2,953	3,218	3,315	3,414	3,517	3,622	3,731	3,843	3,958	4,077	4,199	4,325	4,455	4,589	4,726	7.9%
International	323	358	411	460	516	578	647	725	811	909	1.018	1.048	1.080	1.112	1.146	1.180	1.215	1.252	1,289	1.328	1.368	1.409	1.451	1.495	10.39
Medical Aesthetics ex-Botox	1,478	2,373	2,563	2,768	2,989	3.228	3.486	3.765	4.067	4,392	4,743	5,123	5,533	5.975	6,154	6,339	6,529	6,725	6.927	7,135	7,349	7,569	7,796	8,030	7.2%
Eye Care	3,581	3,613	2,193	2,251	2,312	2,378	2,447	2,521	2,600	2,160	2,198	2,239	1,165	1,199	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	0	-4.3%
Restasis	1,488	1.474	2,270		-,	-,	-,		_,		-,	_,	-,	-,	-,	-,	-,	-,	-,	-,	-,	-,	-,		-100.0
U.S.	1,420	1,412																					_		-100.0
U.S. International	68	61																							-100.0
	546	552	552	552	552	552	552	552	552	552	552	552	55	50									-	_	0.0%
Alphagan/Combigan																							-	_	
Lumigan/Ganfort	688	689	689	689	689	689	689	689	689	689	689	689	69	62											0.0%
Ozurdex	263	312	337	364	393	424	458	495	534	53	48	43	39	35											-16.49
Eye Drops & Other	597	586	615	646	678	712	748	785	824	866	909	954	1,002	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	1,052	0	4.5%
Linzess	643	701	785	879	985	985	985	985	985	98	89	80	72	65											-17.99
Bystolic	639	612	643	64	58	52	47	42	38	34	31	28	25	22											-24.5
Namenda	640	453	158	143	128	116	104	94	84	76	68	61	55	50											-16.69
Namzaric	58	131	465	488	513	538	565	594	623	654	687	722	72	65											16.89
Lo Loestrin	404	459	496	536	579	625	675	729	787	850	918	992	397	357											7.2%
Estrace Cream	380	367	396	158	143	128	115	104	94	84	76	68	61	55											-14.29
Vibryd/Fetzima	342	333	343	353	364	36	33	29	27	24	21	19	17	16											-14.2
	415	333 196							52	47		38	34										-		-22.8
Asacol/Delzicol			98	88	79	71	64	58			42			31									-	-	
Aczone	217	178	0	0	0	0	0	0	0	0	0	0	0	0											-100.0
Minastrin 24	327	61	69	7	6	6	5	5	4	4	3	3	3	2											-24.1
Other Products	2,692	3,295	3,394	3,496	3,601	3,241	2,917	2,625	2,362	2,126	1,914	1,722	1,550	1,395											-5.79
Pipeline				649	1,947	3,245	3,527	3,673	3,834	3,870	3,841	3,881	4,089	4,087	4,210	4,336	4,466	4,600	4,738	4,880	5,026	5,177	1,035	1,035	
New Drug R&D						13,519	14,694	15,303	15,975	16,125	16,003	16,170	17,038	17,029											
R&D Productivity						24.0%	24.0%	24.0%	24.0%	24.0%	24.0%	24.0%	24.0%	24.0%											
						J-1.0 /8	34.078		24.078	34.078	J4.0 /8	_4.0 /8	34.078	_ 4.0 / 3											
rganic Sales Growth (%)			-5.0%	3.9%	13.7%	7.4%	3.8%	3.5%	4.0%	-2.8%	3.8%	2.6%	-7.6%	2.3%	-8.0%	2.8%	2.8%	2.8%	2.8%	2.9%	2.9%	2.9%	-15.4%	-2.6%	3.5%
Botox		_	11.7%	8.8%	8.8%	8.8%	8.9%	8.9%	8.9%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	8.69
	_																								
Cosmetic			10.6%	7.7%	7.7%	7.7%	7.8%	7.8%	7.8%	7.9%	7.9%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	7.69
U.S.			9.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	6.0%
International			13.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	9.6%
Therapeutic			12.6%	9.6%	9.6%	9.6%	9.6%	9.7%	9.7%	9.7%	9.7%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	9.3%
U.S.			12.0%	9.0%	9.0%	9.0%	9.0%	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	8.7%
International			15.0%	12.00%	12.0%	12.0%	12.0%	12.0%	12.0%	12.0%	12.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	11.49
Medical Aesthetics ex-Botox			8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	8.0%
Eye Care			-39.3%	2.6%	2.7%	2.8%	2.9%	3.0%	3.1%	-16.9%	1.8%	1.8%	-48.0%	2.9%		0.00,0									-3.59
Restasis			-100.0%	2.070	2.770	2.070	2.970	3.0%	3.170	-10.976	1.070	1.070	*40.070	2.970									_		-100.0
	_	_																							
U.S.			5.0%	-90.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%											-16.5
International			5.0%	-90.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%	-10.0%											-16.5
Alphagan/Combigan			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-90.0%	-10.0%											0.0%
Lumigan/Ganfort			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-90.0%	-10.0%											0.09
Ozurdex			8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	-90,0%	-10.0%	-10.0%	-10.0%	-10.0%											-5.49
Eye Drops & Other			5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-100.0%	5.09
All Other Products			0.9%	-9.3%	3.9%	-10.2%	-5.0%	-4.5%	-3.9%	-20.9%	-3.7%	-3.0%	-38.7%	-10.0%		0.0.0	0.0.0	0.0.0		01010	0.070	0.0			-5.69
	_	_	0.770	= 9370	200.0%	66.7%	8.7%	4.1%	4.4%	0.9%	-0.8%	1.0%	5.4%	-0.1%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	-80.0%	0.0%	
Pipeline		_			200.0%	00.7%	8.7%	4.1%	4.4%	0.9%	-0.8%	1.0%	3.4%	-0.1%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	-80.0%	0.076	35.69
COGS	1,705	2,032	2,120	2,203	2,505	2,689	2,791	2,888	3,003	2,917	3,028	3,105	2,869	2,935		2,777	2,856	2,937			3,196	3,288	2,780	2,708	3.9%
% Sales	11.7%	12.7%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%	14.09
R&D	1,508	2,100	1,514	1,573	1,789	1,921	1,994	2,063	2,145	521	541	555	512	524	482	496	510	525	539	555	571	587	496	483	-11.49
% Sales	10.3%	13.2%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2,5%	2.5%	2,5%	2.5%	7.89
Selling & Marketing	3,195	3.377	3,180	3,304	3.758	4.034	4.187	4,333	4,504	4,376	4.542	4.658	4.304	4.402		4,166	4.284	4,406	4.532	4.661	4.794	4.931	4,170	4.061	3.0%
% Sales	21.9%	21.2%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.09
% Sales G&A	1.225	1,191	1,167	1,190	1,214	1,239	1,263	1,289	1,314	1,341	1,367	1,395	1,423	1,451	1,480	1,510	1,540	1,571	1,602	1,634	1,667	1,700	1.734	1.769	1.49
	1,440	1,191		2.0%	2.0%	2.0%		2.0%	2.0%	2.0%			2.0%	2.0%	2.0%	2.0%		2.0%	2.0%		2.0%	2.0%	2.0%	2.0%	
			-2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%								2.0%	2.0%	2:0%	2.0%	2.0%	2.0%	2.0%	2.0%	1.69
% Change Y/Y										2.070	2.0%	2.0%	2.070	2.070	2.0%					12 238		12 977			_
																					12 602				
BITDA	6,969	7,241	7,162	7,462	8,628	9,327	9,702	10,059	10,482	11,684	12,150	12,469	11,387	11,651	10,576	10,889	11,211	11,543	11,885				10,677	10,318	
% Crange 1/1 BITDA EBITDA (%)	6,969 47.7%	7,241 45.4%	7,162 47.3%	7,462 47.4%	8,628 48.2%	9,327 48.6%	9,702 48.7%	10,059 48.8%	10,482 48.9%							10,889 54.9%	11,211 55.0%	11,543 55.0%	11,885 55.1%	55.1%	55.2%	55.3%	10,677	10,318 53.4%	50.6
ВПТДА			47.3%				48.7%		48.9%	11,684 56.1%	12,150	12,469 56.2%	11,387	11,651 55.6%	10,576 54.8%					55.1%		55.3%	53.8%		50.69
BITDA EBITDA (%)										11,684	12,150	12,469	11,387	11,651	10,576						55.2%				50.69
BITDA (%) epreciation			47.3%				48.7%		48.9%	11,684 56.1%	12,150	12,469 56.2%	11,387	11,651 55.6%	10,576 54.8%					55.1%		55.3%	53.8%		
BITDA (%) epreciation	47.7% 156	45.4% 172	47.3% 168	47.4%	48.2%	48.6%	48.7%	48.8%	48.9% 189	11,684 56.1%	12,150 56.2%	12,469 56.2%	11,387 55.6%	11,651 55.6%	10,576 54.8%	54.9%	55.0%	55.0%	55.1%	55.1%	240	55.3%	53.8%	53.4%	1.49
SITDA EBITDA (%) epreciation % Sales	47.7% 156	45.4% 172	47.3% 168	47.4%	48.2%	48.6%	48.7%	48.8%	48.9% 189	11,684 56.1%	12,150 56.2%	12,469 56.2%	11,387 55.6%	11,651 55.6% 209 1.0%	10,576 54.8% 213 1.1%	54.9%	55.0%	55.0%	55.1%	55.1%	240 1.1%	55.3%	53.8% 250 1.3%	53.4% 255 1.3%	1.49
ВПТДА	47.7% 156 1.1%	45.4% 172 1.1%	47.3% 168 1.1%	47.4% 171 1.1%	48.2% 175 1.0%	48.6% 178 0.9%	48.7% 182 0.9%	48.8% 186 0.9%	48.9% 189 0.9%	11,684 56.1% 193 0.9%	12,150 56.2% 197 0.9%	12,469 56.2% 201 0.9%	11,387 55.6% 205 1.0%	11,651 55.6% 209 1.0%	10,576 54.8% 213 1.1%	54.9% 217 1.1%	55.0% 222 1.1%	55.0% 226 1.1%	55.1% 231 1.1%	55.1% 235 1.1%	240 1.1%	55.3% 245 1.0%	53.8% 250 1.3% 10,428	53.4% 255 1.3%	1.49
SITDA EBITDA (%) epreciation % Sales	47.7% 156 1.1% 6,813	45.4% 172 1.1% 7,070	47.3% 168 1.1% 6,994	47.4% 171 1.1% 7,291	48.2% 175 1.0% 8,453	48.6% 178 0.9% 9,149	48.7% 182 0.9% 9,520	48.8% 186 0.9% 9,873	48.9% 189 0.9% 10,293	11,684 56.1% 193 0.9%	12,150 56.2% 197 0.9%	12,469 56.2% 201 0.9%	11,387 55.6% 205 1.0%	11,651 55.6% 209 1.0%	10,576 54.8% 213 1.1%	54.9% 217 1.1% 10,671	55.0% 222 1.1% 10,989	55.0% 226 1.1% 11,317	55.1% 231 1.1% 11,654	55.1% 235 1.1% 12,002	240 1.1% 12,362	245 1.0% 12,732	53.8% 250 1.3% 10,428	53.4% 255 1.3% 10,064	1.49 1.09 5.19
BITDA (%)  BITDA (%)  preciation  Sales  Sales  BITA  BITA (%)	47.7% 156 1.1% 6,813 46.7%	45.4% 172 1.1% 7,070 44.3%	47.3% 168 1.1% 6,994 46.2%	47.4% 171 1.1% 7,291	48.2% 175 1.0% 8,453 47.2%	48.6% 178 0.9% 9,149 47.6%	48.7% 182 0.9% 9,520 47.8%	48.8% 186 0.9% 9,873 47.9%	48.9% 189 0.9% 10,293 48.0%	11,684 56.1% 193 0.9% 11,491 55.1%	12,150 56.2% 197 0.9% 11,953 55.3%	12,469 56.2% 201 0.9% 12,268 55.3%	11,387 55.6% 205 1.0% 11,182 54.6%	11,651 55.6% 209 1.0%	10,576 54.8% 213 1.1% 10,363 53.7%	54.9% 217 1.1% 10,671 53.8%	55.0% 222 1.1% 10,989	55.0% 226 1.1% 11,317	55.1% 231 1.1% 11,654 54.0%	55.1% 235 1.1% 12,002	240 1.1% 12,362	245 1.0% 12,732	53.8% 250 1.3% 10,428 52.5%	53.4% 255 1.3% 10,064	1.49 1.09 5.19 49.79
SITDA EBITDA (%) epreciation % Sales	47.7% 156 1.1% 6,813	45.4% 172 1.1% 7,070	47.3% 168 1.1% 6,994	47.4% 171 1.1% 7,291	48.2% 175 1.0% 8,453	48.6% 178 0.9% 9,149	48.7% 182 0.9% 9,520	48.8% 186 0.9% 9,873	48.9% 189 0.9% 10,293	11,684 56.1% 193 0.9%	12,150 56.2% 197 0.9%	12,469 56.2% 201 0.9%	11,387 55.6% 205 1.0%	11,651 55.6% 209 1.0%	10,576 54.8% 213 1.1%	54.9% 217 1.1% 10,671	55.0% 222 1.1% 10,989	55.0% 226 1.1% 11,317	55.1% 231 1.1% 11,654	55.1% 235 1.1% 12,002	240 1.1% 12,362	245 1.0% 12,732	53.8% 250 1.3% 10,428	53.4% 255 1.3% 10,064	1.49 1.09 5.19
IIIDA BIIDA (%)  Preciation S sales  SIIIA BIITA (%)	47.7%  156 1.1%  6,813 46.7%	172 1.1% 7,070 44.3%	47.3% 168 1.1% 6,994 46.2%	47.4% 171 1.1% 7,291 46.3% 363	48.2% 175 1.0% 8,453 47.2%	48.6% 178 0.9% 9,149 47.6% 520	48.7% 182 0.9% 9,520 47.8%	48.8% 186 0.9% 9,873 47.9%	48.9% 189 0.9% 10,293 48.0%	11,684 56.1% 193 0.9% 11,491 55.1%	12,150 56.2% 197 0.9% 11,953 55.3%	12,469 56.2% 201 0.9% 12,268 55.3%	11,387 55.6% 205 1.0% 11,182 54.6%	11,651 55.6% 209 1.0% 11,442 54.6%	10,576 54.8% 213 1.1% 10,363 53.7% 882	54.9% 217 1.1% 10,671 53.8% 748	55.0% 222 1.1% 10,989 53.9% 792	55.0% 226 1.1% 11,317 53.9% 832	55.1% 231 1.1% 11,654 54.0% 873	55.1% 235 1.1% 12,002 54.1%	240 1.1% 12,362 54.1%	55.3% 245 1.0% 12,732 54.2% 1,006	53.8% 250 1.3% 10,428 52.5% 1,043	53.4% 255 1.3% 10,064 52.0%	1.49 1.09 5.19 49.7
IIIDA (%) BIIDA (%) Solventinon Salventinon Salventinon BIITA (%)	47.7% 156 1.1% 6,813 46.7%	45.4% 172 1.1% 7,070 44.3%	47.3% 168 1.1% 6,994 46.2%	47.4% 171 1.1% 7,291	48.2% 175 1.0% 8,453 47.2%	48.6% 178 0.9% 9,149 47.6%	48.7% 182 0.9% 9,520 47.8%	48.8% 186 0.9% 9,873 47.9%	48.9% 189 0.9% 10,293 48.0%	11,684 56.1% 193 0.9% 11,491 55.1%	12,150 56.2% 197 0.9% 11,953 55.3%	12,469 56.2% 201 0.9% 12,268 55.3%	11,387 55.6% 205 1.0% 11,182 54.6%	11,651 55.6% 209 1.0%	10,576 54.8% 213 1.1% 10,363 53.7%	54.9% 217 1.1% 10,671 53.8%	55.0% 222 1.1% 10,989	55.0% 226 1.1% 11,317	55.1% 231 1.1% 11,654 54.0%	55.1% 235 1.1% 12,002	240 1.1% 12,362	245 1.0% 12,732	53.8% 250 1.3% 10,428 52.5%	53.4% 255 1.3% 10,064	1.49 1.09 5.19 49.7
IIIDA (%) BIIDA (%) Preciation S. Sales BITA (%) BITA (%) RETA (%)	47.7% 156 1.1% 6,813 46.7% 933	172 1.1% 7,070 44.3% 1,061	47.3% 168 1.1% 6,994 46.2% 661 14.0%	47.4% 171 1.1% 7,291 46.3% 363 14.0%	48.2% 175 1.0% 8,453 47.2% 362 14.0%	48.6% 178 0.9% 9,149 47.6% 520 14.0%	48.7% 182 0.9% 9,520 47.8% 598 14.0%	48.8% 186 0.9% 9,873 47.9% 644 14.0%	48.9% 189 0.9% 10,293 48.0% 689 14.0%	11,684 56.1% 193 0.9% 11,491 55.1% 746	12,150 56.2% 197 0.9% 11,953 55.3% 896	12,469 56.2% 201 0.9% 12,268 55.3% 950	11,387 55.6% 205 1.0% 11,182 54.6% 985	11,651 55.6% 209 1.0% 11,442 54.6% 850	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0%	54.9% 217 1.1% 10,671 53.8% 748	55.0% 222 1.1% 10,989 53.9% 792 14.0%	55.0% 226 1.1% 11,317 53.9% 832 14.0%	55.1% 231 1.1% 11,654 54.0% 873 14.0%	55.1% 235 1.1% 12,002 54.1% 916 14.0%	240 1.1% 12,362 54.1% 960 14.0%	55.3% 245 1.0% 12,732 54.2% 1,006	53.8% 250 1.3% 10,428 52.5% 1,043 14.0%	53.4% 255 1.3% 10,064 52.0% 774	1.45 1.09 5.19 49.7 -1.09
IIIDA (%) BIIDA (%) Preciation S. Sales BITA (%) BITA (%) RETA (%)	47.7%  156 1.1%  6,813 46.7%	172 1.1% 7,070 44.3%	47.3% 168 1.1% 6,994 46.2%	47.4% 171 1.1% 7,291 46.3% 363	48.2% 175 1.0% 8,453 47.2%	48.6% 178 0.9% 9,149 47.6% 520	48.7% 182 0.9% 9,520 47.8%	48.8% 186 0.9% 9,873 47.9%	48.9% 189 0.9% 10,293 48.0%	11,684 56.1% 193 0.9% 11,491 55.1%	12,150 56.2% 197 0.9% 11,953 55.3%	12,469 56.2% 201 0.9% 12,268 55.3%	11,387 55.6% 205 1.0% 11,182 54.6%	11,651 55.6% 209 1.0% 11,442 54.6%	10,576 54.8% 213 1.1% 10,363 53.7% 882	54.9% 217 1.1% 10,671 53.8% 748	55.0% 222 1.1% 10,989 53.9% 792	55.0% 226 1.1% 11,317 53.9% 832	55.1% 231 1.1% 11,654 54.0% 873	55.1% 235 1.1% 12,002 54.1%	240 1.1% 12,362 54.1%	55.3% 245 1.0% 12,732 54.2% 1,006	53.8% 250 1.3% 10,428 52.5% 1,043	53.4% 255 1.3% 10,064 52.0%	1.45 1.05 5.15 49.7
HITDA (%) BRITDA (%) Sales Sales HITA BRITDA (%) ETERTA (%) error Expense s. Rate	47.7% 156 1.1% 6,813 46.7% 933 14.0%	172 1.1% 7,070 44,3% 1,061 12.6%	47.3% 168 1.1% 6,994 46.2% 661 14.0%	47.4% 171 1.19 7,291 46.3% 363 14.0%	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958	48.6% 178 0.9% 9,149 47.6% 520 14.0% 7,421	48.7% 182 0.9% 9,520 47.8% 598 14.0% 7,672	48.8% 186 0.9% 9,873 47.9% 644 14.0% 7,937	48.9% 189 0.9% 10,293 48.0% 689 14.0%	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0%	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0%	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0%	11,387 55.6% 205 1.0% 11,182 54.6% 985 14.0%	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0%	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153	217 1.1% 10,671 53.8% 748 14.0%	55.0% 222 1.1% 10,989 53.9% 792 14.0% 8,770	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534	240 1.1% 12,362 54.1% 960 14.0%	55.3% 245 1.0% 12,732 54.2% 1,006 14.0% 10,084	53.8% 250 1.3% 10,428 52.5% 1,043 14.0% 8,070	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990	1.45 1.09 5.19 49.7 -1.09
IIIDA (%) BIIIDA (%) Soles Soles IIITA BIIITA (%) Soles IIITA Soles IIITA Soles IIITA (%) Soles IIITA (%) Soles IIITA (%)	47.7% 156 1.1% 6,813 46.7% 933	172 1.1% 7,070 44.3% 1,061	47.3% 168 1.1% 6,994 46.2% 661 14.0%	47.4% 171 1.1% 7,291 46.3% 363 14.0%	48.2% 175 1.0% 8,453 47.2% 362 14.0%	48.6% 178 0.9% 9,149 47.6% 520 14.0%	48.7% 182 0.9% 9,520 47.8% 598 14.0%	48.8% 186 0.9% 9,873 47.9% 644 14.0%	48.9% 189 0.9% 10,293 48.0% 689 14.0%	11,684 56.1% 193 0.9% 11,491 55.1% 746	12,150 56.2% 197 0.9% 11,953 55.3% 896	12,469 56.2% 201 0.9% 12,268 55.3% 950	11,387 55.6% 205 1.0% 11,182 54.6% 985	11,651 55.6% 209 1.0% 11,442 54.6% 850	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0%	54.9% 217 1.1% 10,671 53.8% 748	55.0% 222 1.1% 10,989 53.9% 792 14.0%	55.0% 226 1.1% 11,317 53.9% 832 14.0%	55.1% 231 1.1% 11,654 54.0% 873 14.0%	55.1% 235 1.1% 12,002 54.1% 916 14.0%	240 1.1% 12,362 54.1% 960 14.0%	55.3% 245 1.0% 12,732 54.2% 1,006	53.8% 250 1.3% 10,428 52.5% 1,043 14.0%	53.4% 255 1.3% 10,064 52.0% 774	1.45 1.09 5.19 49.7 -1.09
IIIDA (%) BIIIDA (%) Soles Soles IIITA BIIITA (%) Soles IIITA Soles IIITA Soles IIITA (%) Soles IIITA (%) Soles IIITA (%)	47.7% 156 1.1% 6,813 46.7% 933 14.0%	172 1.1% 7,070 44,3% 1,061 12.6%	47.3% 168 1.1% 6,994 46.2% 661 14.0%	47.4% 171 1.19 7,291 46.3% 363 14.0%	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958	48.6% 178 0.9% 9,149 47.6% 520 14.0% 7,421	48.7% 182 0.9% 9,520 47.8% 598 14.0% 7,672	48.8% 186 0.9% 9,873 47.9% 644 14.0% 7,937	48.9% 189 0.9% 10,293 48.0% 689 14.0%	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0%	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0%	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0%	11,387 55.6% 205 1.0% 11,182 54.6% 985 14.0%	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0%	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153	217 1.1% 10,671 53.8% 748 14.0%	55.0% 222 1.1% 10,989 53.9% 792 14.0% 8,770	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534	240 1.1% 12,362 54.1% 960 14.0%	55.3% 245 1.0% 12,732 54.2% 1,006 14.0% 10,084	53.8% 250 1.3% 10,428 52.5% 1,043 14.0% 8,070	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990	1.45 1.09 5.19 49.7 -1.09
ITIDA (%) BITIDA (%) preciution Sales Sales BITIA (%) PRECIUTA (%) PRECIUTA (%) REAL	47.7% 156 1.1% 6,813 46.7% 933 14.0% 5,057	172 1.1% 7,070 44.3% 1.061 12.6% 5,251 334.6	47.3%  168 1.1%  6.994 46.2%  661  14.0%  5,447  334.6	47.4% 171 1.1% 7,291 46.3% 363 14.0% 5,958 334.6	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958 334.6	48.6% 178 0.9% 9,149 47.6% 520 14.0% 7,421 334.6	48.7% 182 0.9% 9,520 47.8% 598 14.0% 7,672 334.6	48.8% 186 0.9% 9.873 47.9% 644 14.0% 7.937	48.9% 189 0.9% 10,293 48.0% 689 14.0% 8,260 334.6	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0% 9,241 334.6	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0% 9,734	11,387 55.6% 205 1.0% 11,182 54.6% 985 14.0% 8,770 334.6	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0% 9,109 334.6	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153	54.9% 217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6	55.0% 222 1.1% 10,989 53,9% 792 14.0% 8,770 334.6	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271 334.6	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534 334.6	240 1.1% 12,362 54.1% 960 14.0% 9,805 334.6	55.3% 245 1.0% 12,732 54.2% 1,006 14.0% 10,084 334.6	53.8% 250 1.3% 10,428 52.5% 1,043 14.0% 8,070 334.6	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990 334.6	1.4º 1.0º 5.1º 49.7 -1.0 1.0º 5.8°
ITIDA (%) BITIDA (%) preciution Sales Sales BITIA (%) PRECIUTA (%) PRECIUTA (%) REAL	47.7% 156 1.1% 6,813 46.7% 933 14.0%	172 1.1% 7,070 44,3% 1,061 12.6%	47.3% 168 1.1% 6,994 46.2% 661 14.0%	47.4% 171 1.196 7,291 46.3% 363 14.0%	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958 334.6	48.6% 178 0.9% 9,149 47.6% 520 14.0% 7,421	48.7% 182 0.9% 9,520 47.8% 598 14.0% 7,672	48.8% 186 0.9% 9,873 47.9% 644 14.0% 7,937	48.9% 189 0.9% 10,293 48.0% 689 14.0% 8,260 334.6	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0%	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0%	11,387 55.6% 205 1.0% 11,182 54.6% 985 14.0%	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0% 9,109 334.6	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153	54.9% 217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6	55.0% 222 1.1% 10,989 53.9% 792 14.0% 8,770	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534	240 1.1% 12,362 54.1% 960 14.0%	55.3% 245 1.0% 12,732 54.2% 1,006 14.0% 10,084	53.8% 250 1.3% 10,428 52.5% 1,043 14.0% 8,070 334.6	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990	1.4 1.0 5.1 49.7 -1.0
IIIDA (%) BIIIDA (%) precisión Sales Sales BIIIA (%) BII	47.7%  156 1.1%  6,813 46.7%  933  14.0%  5,057  334.6	45.4% 172 1.196 7,070 44.3% 1,061 12.6% 5,251 334.6	47.3% 168 1.1% 6,994 46.2% 661 14.0% 5,447 334.6	47.4% 171 1.1% 7.291 46.3% 363 14.0% 5,958 334.6	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958 334.6 \$20.80	48.6% 178 0.9% 9,149 47.6% 520 14.0% 7,421 334.6 \$22.18	48.7% 182 0.9% 9.520 47.8% 598 14.0% 7,672 334.6 \$22.93	48.8% 186 0.9% 9,873 47.9% 644 14.0% 7,937 334.6 \$23.72	48.9% 189 0.9% 10,293 48.0% 689 14.0% 8,260 334.6	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0% 9,241 334.6	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509 334.6	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0% 9,734 334.6 \$29.09	11.387 55.6% 205 1.0% 11,182 54.6% 985 14.0% 8,770 334.6	11,651 55.6% 209 1.0% 11,442 54.6% 850 14,0% 9,109 334.6	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153 334.6	54.9% 217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6 \$25.51	55.0% 222 1.1% 10,989 53.9% 792 14.0% 8,770 334.6	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017 334.6 \$26.95	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271 334.6	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534 334.6 \$28.49	240 1.1% 12,362 54.1% 960 14.0% 9,805 334.6 \$29.30	55.3% 245 1.0% 12,732 54.2% 1,006 14.0% 10,084 334.6 \$30.14	53.8% 250 1.3% 10,428 52.5% 1,043 14.0% 8,070 334.6	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990 334.6 \$23.88	1.4° 1.0° 5.1° 49.7 -1.00 1.0° 5.8°
HTDA (%) BITDA (%) BITDA (%) Sales Sales Sales HTA BITTA (%) BITTA	47.7% 156 1.1% 6,813 46.7% 933 14.0% 5,057	172 1.1% 7,070 44.3% 1.061 12.6% 5,251 334.6	47.3% 168 1.1% 6.994 46.2% 661 14.0% 5,447 334.6 \$16.28	47.4% 171 1.1% 7,291 46.3% 363 14.0% 5,958 334.6 \$17.81	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958 334.6 \$20.80	48.6% 178 0.9% 9,149 47.6% 520 14.0% 7,421 334.6 \$22.18	48.7% 182 0.9% 9,520 47.8% 598 14.0% 7,672 334.6 \$22.93	48.8% 186 0.9% 9.873 47.9% 644 14.0% 7,937 334.6 \$23.72	48.9% 189 0.9% 10,293 48.0% 689 14.0% 8,260 334.6 \$24.68	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0% 9,241 334.6 \$27.62	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509 334.6 \$28.42 29,325	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0% 9,734 334.6 \$29.09	11,387 55.6% 205 1.0% 11,182 54.6% 985 14,0% 8,770 334.6 \$26.21	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0% 9,109 334.6 \$27.22	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153 334.6 \$24.37	54.9% 217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6 \$25.51 26,363	55.0%  222 1.1%  10,989 53.9%  792  14.0%  8,770  334.6  \$26.21  27,247	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017 334.6 \$26.95	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271 334.6 \$27.71 28,881	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534 334.6 \$28.49 29,737	240 1.1% 12,362 54.1% 960 14.0% 9,805 334.6 \$29.30	55.3% 245 1.0% 12,732 54.2% 1,006 14,0% 10,084 334.6 \$30.14 31,530	53.8% 250 1.3% 10.428 52.5% 1,043 14.0% 8,070 334.6 \$24.12	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990 334.6 \$23.88 26,882	1.4 1.0 5.1 49.7 -1.0 1.0 5.8
HITDA (%)  BRITDA (%)  preciation  Sales  HITA  BHTA (%)  recree Expense  x Rate  t1 Income  aires  S  Mit  Airgat DebMEBITDA	47.7%  156 1.1%  6,813 46.7%  933  14.0%  5,057  334.6	45.4%  172 1.1%  7,070 44.3%  1,061  12.6%  5,251  334.6  \$15.69	47.3% 168 1.1% 6,994 46.2% 661 14.0% 5,447 334.6 \$16.28 24,629 2.59x	47.4% 171 1.1% 7.291 46.3% 363 14.0% 5,958 334.6 \$17.81	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958 334.6 \$20.80 18,654 2.50x	48.6% 178 0.9% 9.149 47.6% 520 14.0% 7,421 334.6 \$22.18 21,806 2.50x	48.7%  182 0.9% 9,520 47.8%  598  14.0%  7,672  334.6  \$22.93  23,378 2.50x	48.8% 186 0.9% 9.873 47.9% 644 14.0% 7,937 334.6 \$23.72 24,286 2.50x	48.9% 189 0.9% 10,293 48.0% 689 14.0% 8,260 334.6 \$24.68	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0% 9,241 334.6 \$27.62	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509 334.6 \$28.42	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0% 9,734 334.6 \$29.09	11,387 55.6% 205 1.0% 11,182 54.6% 985 14.0% 8,770 334.6 \$26.21	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0% 9,109 334.6 \$27.22	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153 334.6 \$24.37	54.9% 217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6 \$25.51 26,363 2.50x	55.0%  222 1.1% 10,989 53.9%  792 14.0% 8,770 334.6 \$26.21  27,247 2.50x	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017 334.6 \$26.95 28,050 2.50x	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271 334.6 \$27.71 28,881 2.50x	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534 334.6 \$28.49 29,737 2.50x	240 1.1% 12,362 54.1% 960 14.0% 9,805 334.6 \$29.30 30,620 2.50x	55.3% 245 1.0% 12,732 54.2% 1,006 14.0% 10,084 334.6 \$30.14	53.8% 250 1.3% 10,428 52.5% 1,043 14.0% 8,070 334.6 \$24.12	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990 334.6 \$23.88 26,882 2.50x	1.4 1.0 5.1 49.7 -1.0
ITIDA BITIDA(%) preciation Sales ITIA Sales ITIA BITIA(%) PERMITA(%) FOR SALE ITIA BITIA(%) B	47.7%  156 1.1%  6,813 46.7%  933  14.0%  5,057  334.6	45.4% 172 1.196 7,070 44.3% 1,061 12.6% 5,251 334.6	47.3% 168 1.1% 6.994 46.2% 661 14.0% 5,447 334.6 \$16.28	47.4% 171 1.1% 7,291 46.3% 363 14.0% 5,958 334.6 \$17.81	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958 334.6 \$20.80	48.6% 178 0.9% 9,149 47.6% 520 14.0% 7,421 334.6 \$22.18	48.7% 182 0.9% 9,520 47.8% 598 14.0% 7,672 334.6 \$22.93	48.8% 186 0.9% 9.873 47.9% 644 14.0% 7,937 334.6 \$23.72	48.9% 189 0.9% 10,293 48.0% 689 14.0% 8,260 334.6 \$24.68	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0% 9,241 334.6 \$27.62	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509 334.6 \$28.42 29,325	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0% 9,734 334.6 \$29.09	11,387 55.6% 205 1.0% 11,182 54.6% 985 14,0% 8,770 334.6 \$26.21	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0% 9,109 334.6 \$27.22	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153 334.6 \$24.37	54.9% 217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6 \$25.51 26,363	55.0%  222 1.1%  10,989 53.9%  792  14.0%  8,770  334.6  \$26.21  27,247	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017 334.6 \$26.95	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271 334.6 \$27.71 28,881	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534 334.6 \$28.49 29,737	240 1.1% 12,362 54.1% 960 14.0% 9,805 334.6 \$29.30	55.3% 245 1.0% 12,732 54.2% 1,006 14,0% 10,084 334.6 \$30.14 31,530	53.8% 250 1.3% 10.428 52.5% 1,043 14.0% 8,070 334.6 \$24.12	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990 334.6 \$23.88 26,882	1.4 1.0 5.1 49.7 -1.0 1.0 5.8
IIIDA BITDA (%) BITDA (%) Sales Sales LITA BITTA (%) FIRST (%) FIR	47.7%  156 1.1%  6,813 46.7%  933  14.0%  5,057  334.6	45.4%  172 1.1%  7,070 44.3%  1,061  12.6%  5,251  334.6  \$15.69	47.3% 168 1.1% 6,994 46.2% 661 14.0% 5,447 334.6 \$16.28 24,629 2.59x	47.4% 171 1.1% 7.291 46.3% 363 14.0% 5,958 334.6 \$17.81	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958 334.6 \$20.80 18,654 2.50x	48.6% 178 0.9% 9.149 47.6% 520 14.0% 7,421 334.6 \$22.18 21,806 2.50x	48.7%  182 0.9% 9,520 47.8%  598  14.0% 7,672 334.6 \$22.93  23,378 2.50x 2.4x	48.8% 186 0.9% 9.873 47.9% 644 14.0% 7,937 334.6 \$23.72 24,286 2.50x	48.9% 189 0.9% 10,293 48.0% 689 14.0% 8,260 334.6 \$24.68	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0% 9,241 334.6 \$27.62	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509 334.6 \$28.42	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0% 9,734 334.6 \$29.09	11,387 55.6% 205 1.0% 11,182 54.6% 985 14.0% 8,770 334.6 \$26.21	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0% 9,109 334.6 \$27.22	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153 334.6 \$24.37	54.9% 217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6 \$25.51 26,363 2.50x	55.0%  222 1.1% 10,989 53.9%  792 14.0% 8,770 334.6 \$26.21  27,247 2.50x	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017 334.6 \$26.95 28,050 2.50x	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271 334.6 \$27.71 28,881 2.50x	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534 334.6 \$28.49 29,737 2.50x	240 1.1% 12,362 54.1% 960 14.0% 9,805 334.6 \$29.30 30,620 2.50x	55.3% 245 1.0% 12,732 54.2% 1,006 14.0% 10,084 334.6 \$30.14	53.8% 250 1.3% 10,428 52.5% 1,043 14.0% 8,070 334.6 \$24.12	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990 334.6 \$23.88 26,882 2.50x	1.4 1.0 5.1 49.7 -1.0 1.0 5.8
ITDA (%)  AITDA (%)  AITDA (%)  Sales  TA  BETA (%)  rest Expense  Rate  I Income  ress  S  M  M  M  M  M  M  M  M  M  M  M  M	47.7%  156 1.1%  6,813 46.7%  933  14.0%  5,057  334.6	45.4%  172 1.1%  7,070 44.3%  1,061  12.6%  5,251  334.6  \$15.69	47.3% 168 1.1% 6,994 46.2% 661 14.0% 5,447 334.6 \$16.28 24,629 2,50x 3,4x	171 1.1% 7.291 46.3% 363 14.0% 5,958 334.6 \$17.81 18,671 2.50x 2.5x	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958 334.6 \$20.80 18,654 2.50x 2.2x	48.6% 178 0.9% 9.149 47.6% 520 14.0% 7,421 334.6 \$22.18 21,806 2.50x 2.3x	48.7%  182 0.9% 9,520 47.8%  598  14.0%  7,672  334.6  \$22.93  23,378 2.50x	48.8% 186 0.9% 9.873 47.9% 644 14.0% 7,937 334.6 \$23.72 24,286 2.50x 2.4x	48.9% 189 0.9% 10,293 48.0% 689 14.0% 8,260 334.6 \$24.68 25,183 2.50x 2.4x	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0% 9,241 334.6 \$27.62 26,322 2.50x 2.3x	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509 334.6 \$28.42 29,325 2.50x 2.4x	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0% 9,734 334.6 \$29.09 30,402 2.50x 2.4x	11,387 55.6% 205 1.0% 11,182 54.6% 985 14.0% 8,770 334.6 \$26.21 31,105 2.50x 2.7x	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0% 9,109 334.6 \$27.22 28,406 2.50x 2.4x	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153 334.6 \$24.37 29,061 2.50x 2.7x	54.9% 217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6 \$25.51 26,363 2.50x 2.4x	55.0%  222 1.19 10,989 53.9%  792 14.0% 8,770 334.6 \$26.21 27,247 2.50x 2.4x	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017 334.6 \$26.95 28,050 2.50x 2.4x	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271 334.6 \$27.71 28,881 2.50x 2.4x	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534 334.6 \$28.49 29,737 2.50x 2.4x	240 1.1% 12,362 54.1% 960 14.0% 9,805 334.6 \$29.30 30,620 2.50x 2.4x	55.3% 245 1.0% 12,732 54.2% 1,006 14.0% 10,084 334.6 \$30.14 31,530 2.50x 2.4x	53.8%  250 1.3%  10,428 52.5% 1,043  14,0% 8,070  334.6  \$24.12  32,280 3.0x 3.0x	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990 334.6 \$23.88 26,882 2,50x 2,6x	1.4 1.0 5.1 49.7 -1.0 1.0 5.8
ITIDA (%) BITIDA (%) Sale Sale ITIA Sale ITIA STA SALE SALE SALE SALE SALE SALE SALE SAL	47.7% 156 1.1% 6.813 46.7% 933 14.0% 5.057 334.6 \$15.11	45.4% 172 1.1% 7.070 44.3% 1.061 12.6% 5,251 334.6 \$15.69 30,075 4.2x	47.3% 168 1.1% 6,994 46.2% 661 14.0% 5,447 334.6 \$16.28 24,629 2,59x 3,4x -5,447	47.4% 171 1.196 7,291 46.3% 363 14.0% 5,958 334.6 \$17.81 18,671 2.50x 2.5x -5,958	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958 334.6 \$20.80 18,654 2.50x 2.2x -17	48.6% 178 0.9% 9,149 47.6% 520 14.0% 7,421 334.6 \$22.18 21,806 2.50x 2.3x 3,152	48.7%  182 0.9%  9,520 47.8% 598  14.0%  7,672 334.6  \$22.93  23,378 2.50x 2.4x 1,572	48.8% 186 0.9% 9.873 47.9% 644 14.0% 7,937 334.6 \$23.72 24,286 2.50x 2.4x 908	48.9% 189 0.9% 10,293 48.0% 689 14.0% 8,260 334.6 \$24.68 25,183 2.50x 2.4x 896	11,684 56.1% 193 0.9% 11,491 55.1% 746 14,0% 9,241 334.6 \$27.62 26,322 2.50x 2.3x 1,140	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509 334.6 \$28.42 29,325 2.50x 2.4x 3,003	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0% 9,734 334.6 \$29.09 30,402 2.50x 2.4x 1.078	11,387 55.6% 205 1.0% 11,182 54.6% 985 14,0% 8,770 334.6 \$26.21 31,105 2.50x 2.7x 702	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0% 9,109 334.6 \$27.22 28,406 2.50x 2.4x -2,699	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153 334.6 \$24.37 29,061 2.50x 2.7x 655	217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6 \$25.51 26,363 2.50x 2.4x -2,698	55.0%  222 1.1%  10,989 53.9%  792 14.0%  8,770 334.6  \$26.21  27,247 2.50x 2.4x 884	55.0%  226 1.1% 11,317 53.9% 832 14.0% 9,017 334.6 \$26.95 28,050 2.50x 2.4x 803	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271 334.6 \$27.71 28,881 2.50x 2.4x 831	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534 334.6 \$28.49 29,737 2.50x 2.4x 856	240 1.1% 12,362 54.1% 960 14.0% 9,805 334.6 \$29.30 30,620 2.50x 2.4x 883	55.3% 245 1.0% 12,732 54.2% 1.006 14.0% 10,084 334.6 \$30.14 31,530 2.50x 2.4x 910	53.8%  250 1.3% 10,428 52.5% 1,043 14.0% 8,070 334.6 \$24.12 32,280 2.50x 3.0x 750	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990 334.6 \$23.88 26,882 2.50x 2.6x -5.398	1.4 1.0° 5.1° 49.7 -1.0 1.0 5.8° 5.8°
ITIDA (%)  BRIDA(%)  preciation  Sales  ITIA  BRITA (%)  FOR A Sales  ITIA  Rate  It Income  arres  Sales  Arres  Arr	47.7%  156 1.1%  6,813 46.7%  933  14.0%  5,057  334.6	45.4% 172 1.1% 7,070 44.3% 1,061 12.6% 5,251 334.6 \$15.69 30,075 4.2x	47.3%  168 1.1% 6,994 46.2% 661 14.0% 5,447 334.6 \$16.28 24,629 2.58x 3.4x -5,447	47.4% 171 1.19% 7,291 46.3% 363 14.0% 5,958 334.6 \$17.81 18,671 2.50x 2.5x -5,958 5,958	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6.958 334.6 \$20.80 18,654 2.50x 2.2x -17 6.958	48.6%  178 0.9%  9.149 47.6%  520  14.0%  7.421  334.6  \$22.18  21,806 2.50x 2.3x 3.152  7.421	48.7%  182 0.9%  9,520 47.8%  598  14.0%  7,672  334.6  \$22.93  23,378 2,50x 2,4x 1,572  7,672	48.8% 186 0.9% 9.873 47.9% 644 14.0% 7,937 334.6 \$23.72 24x 908 7,937	48.9% 189 0.9% 10.293 48.0% 689 14.0% 8.260 334.6 \$24.68 25,183 2.50x 2.4x 896 8,260	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0% 9,241 334.6 \$27.62 26,322 2.50x 2.3x 1,140 9,241	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509 334.6 \$28.42 29,325 2.50x 2.4x 3,003 9,509	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0% 9,734 334.6 \$29.09 30,402 2.50x 2.4x 1,078 9,734	11,387 55.6% 205 1.0% 11,182 54.6% 985 14.0% 8,770 334.6 \$26.21 31,105 2.50x 2.70x 702	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0% 9,109 334.6 \$27.22 28,406 2.50x 2.4x -2,699 9,109	10.576 54.8% 213 1.1% 10.363 53.7% 882 14.0% 8,153 334.6 \$24.37 29,061 2.50x 2.7x 655 8,153	54.9% 217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6 \$25.51 26,363 2.50x 2.4x -2,698 8,534	55.0%  222 1.11%  10,989 53.9%  792  14.0%  8,770  334.6  \$26.21  27,247 2.50x 2.4x 884  8,770	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017 334.6 \$26.95 28,050 2.50x 2.4x 803 9,017	55.1%  231 1.1%  11,654 54.0%  873  14.0%  9,271  334.6  \$27.71  28,881 2,50x 2,4x 831  9,271	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534 334.6 \$28.49 29,737 2.50x 2.4x 856 9,534	240 1.1% 12,362 54.1% 960 14.0% 9,805 334.6 \$29.30 30,620 2.50x 2.4x 883 9,805	55.3% 245 1.0% 12,732 54.2% 1,006 14.0% 10,084 334.6 \$30.14 31,530 2.4x 910 10,084	53.8%  250 1.3% 10,428 52.5% 1,043 14.0% 8,070 334.6 \$24.12 32,280 2.50x 750 8,070	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990 334.6 \$23.88 26.882 2.50x -5.398 7,990	1.4 1.0 5.1 49.7 -1.0 1.0 5.8
ITIDA (%) BITIDA (%) Sale Sale ITIA Sale ITIA STA SALE SALE SALE SALE SALE SALE SALE SAL	47.7% 156 1.1% 6.813 46.7% 933 14.0% 5.057 334.6 \$15.11	45.4% 172 1.1% 7.070 44.3% 1.061 12.6% 5,251 334.6 \$15.69 30,075 4.2x	47.3% 168 1.1% 6,994 46.2% 661 14.0% 5,447 334.6 \$16.28 24,629 2,59x 3,4x -5,447	47.4% 171 1.196 7,291 46.3% 363 14.0% 5,958 334.6 \$17.81 18,671 2.50x 2.5x -5,958	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6,958 334.6 \$20.80 18,654 2.50x 2.2x -17	48.6% 178 0.9% 9,149 47.6% 520 14.0% 7,421 334.6 \$22.18 21,806 2.50x 2.3x 3,152	48.7%  182 0.9%  9,520 47.8% 598  14.0%  7,672 334.6  \$22.93  23,378 2.50x 2.4x 1,572	48.8% 186 0.9% 9.873 47.9% 644 14.0% 7,937 334.6 \$23.72 24,286 2.50x 2.4x 908	48.9% 189 0.9% 10,293 48.0% 689 14.0% 8,260 334.6 \$24.68 25,183 2.50x 2.4x 896	11,684 56.1% 193 0.9% 11,491 55.1% 746 14,0% 9,241 334.6 \$27.62 26,322 2.50x 2.3x 1,140	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509 334.6 \$28.42 29,325 2.50x 2.4x 3,003	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0% 9,734 334.6 \$29.09 30,402 2.50x 2.4x 1.078	11,387 55.6% 205 1.0% 11,182 54.6% 985 14,0% 8,770 334.6 \$26.21 31,105 2.50x 2.7x 702	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0% 9,109 334.6 \$27.22 28,406 2.50x 2.4x -2,699	10.576 54.8% 213 1.1% 10.363 53.7% 882 14.0% 8,153 334.6 \$24.37 29,061 2.50x 2.7x 655 8,153	217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6 \$25.51 26,363 2.50x 2.4x -2,698	55.0%  222 1.1%  10,989 53.9%  792 14.0%  8,770 334.6  \$26.21  27,247 2.50x 2.4x 884	55.0%  226 1.1% 11,317 53.9% 832 14.0% 9,017 334.6 \$26.95 28,050 2.50x 2.4x 803	55.1% 231 1.1% 11,654 54.0% 873 14.0% 9,271 334.6 \$27.71 28,881 2.50x 2.4x 831	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534 334.6 \$28.49 29,737 2.50x 2.4x 856	240 1.1% 12,362 54.1% 960 14.0% 9,805 334.6 \$29.30 30,620 2.50x 2.4x 883	55.3% 245 1.0% 12,732 54.2% 1.006 14.0% 10,084 334.6 \$30.14 31,530 2.50x 2.4x 910	53.8%  250 1.3% 10,428 52.5% 1,043 14.0% 8,070 334.6 \$24.12 32,280 2.50x 3.0x 750	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990 334.6 \$23.88 26,882 2.50x 2.6x -5.398	1.4 1.0° 5.1° 49.7 -1.0 1.0 5.8° 5.8°
ITIDA BITIDA(%) preciation Sales  FFA  Sales  FFA  Rale  It Income  ures  S  M  M  M  M  M  M  M  M  M  M  M  M	47.7% 156 1.1% 6.813 46.7% 933 14.0% 5,057 334.6 \$15.11	45.4% 172 1.1% 7,070 44.3% 1,061 12.6% 5,251 334.6 \$15.69 30,075 4.2x	47.3%  168 1.1% 6,994 46.2% 661 14.0% 5,447 334.6 \$16.28 24,629 2.58x 3.4x -5,447	47.4% 171 1.1% 7,291 46.3% 363 14.0% 5,958 334.6 \$17.81 18,671 2.50x 2.5x -5,958 5,958	48.2% 175 1.0% 8.453 47.2% 362 14.0% 6.958 334.6 \$20.80 18,654 2.50x 2.2x -17 6.958	48.6% 178 0.9% 9.149 47.6% 520 14.0% 7,421 334.6 \$22.18 21,806 2.50x 2.3x 3.152 7,421 100.0%	48.7%  182 0.9%  9,520 47.8%  598  14.0%  7,672  334.6  \$22.93  23,378 2,50x 2,4x 1,572  7,672	48.8% 186 0.9% 9.873 47.9% 644 14.0% 7,937 334.6 \$23.72 24.286 2.50x 2.4x 908 7,937 100.0%	48.9% 189 0.9% 10,293 48.0% 689 14.0% 8,260 334.6 \$24.68 25,183 2.50x 2.4x 896 8,260 100.0%	11,684 56.1% 193 0.9% 11,491 55.1% 746 14.0% 9,241 334.6 \$27.62 26,322 2.50x 2.3x 1,140 9,241 100.0%	12,150 56.2% 197 0.9% 11,953 55.3% 896 14.0% 9,509 334.6 \$28.42 29,325 2.50x 2.4x 3,003 9,509	12,469 56.2% 201 0.9% 12,268 55.3% 950 14.0% 9,734 334.6 \$29.09 30,402 2.50x 2.4x 1,078 9,734 100.0%	11,387 55.6% 205 1.0% 11,182 54.6% 985 14,0% 8,770 334.6 \$26.21 31,105 2.50x 2.7x 702 8,770 100.0%	11,651 55.6% 209 1.0% 11,442 54.6% 850 14.0% 9,109 334.6 \$27.22 28,406 2.50x 2.4x -2,699 9,109	10,576 54.8% 213 1.1% 10,363 53.7% 882 14.0% 8,153 334.6 \$24.37 29,061 2.7x 655 8,153 100.0%	54.9% 217 1.1% 10,671 53.8% 748 14.0% 8,534 334.6 \$25.51 26,363 2.50x 2.4x -2.698 8,534 100.0%	55.0%  222 1.11%  10,989 53.9%  792  14.0%  8,770  334.6  \$26.21  27,247 2.50x 2.4x 884  8,770	55.0% 226 1.1% 11,317 53.9% 832 14.0% 9,017 334.6 \$26.95 2.50x 2.4x 803 9,017 100.0%	55.1%  231 1.1%  11,654 54.0%  873  14.0%  9,271  334.6  \$27.71  28,881 2,50x 2,4x 831  9,271	55.1% 235 1.1% 12,002 54.1% 916 14.0% 9,534 334.6 \$28.49 29,737 2.50x 2.4x 856 9,534 100.0%	240 1.1% 12,362 54.1% 960 14,0% 9,805 334.6 \$29.30 2.50x 2.4x 883 9,805 100.0%	55.3% 245 1.0% 1.0% 12,732 54.2% 1.006 14.0% 10,084 334.6 \$30.14 31,530 2.50x 2.4x 910 10,084 10,084	53.8%  250 1.3% 10,428 52.5% 1,043 14.0% 8,070 334.6 \$24.12 2.50x 3.0x 750 8,070 100.0%	53.4% 255 1.3% 10,064 52.0% 774 14.0% 7,990 334.6 \$23.88 26.882 2.50x -5.398 7,990	1.4 1.0° 5.1° 49.7 -1.0 1.0 5.8° 5.8°



#### Security Research and Valuation



- Estimate the range of intrinsic values for the business using Discounted Cash Flow (DCF) analysis
- Perform sanity checks on each part of the range by checking other valuation metrics, such as normalized P/E,
   EV/EBITA, and Price to Book (P/B) ratios

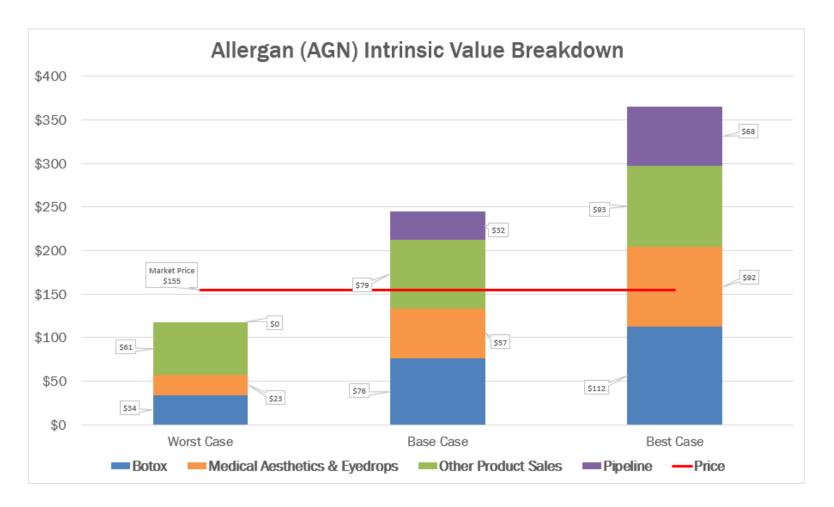


#### Valuation

	Worst	Base	Best	LFY	LT Avg
Other Assets/Sh	\$12.12	\$8.58	\$8.58		
Excess Cash/Investments	\$500	\$500	\$500		
Unfunded Pensions	\$0	\$0	\$0		
NPV of Tax Shield	\$3,554	\$2,369	\$2,369		
Future Contingent Payments	\$0	\$0	\$0		
DCF Value	\$118	\$246	\$366		
Price	\$155.00	\$155.00	\$163.27		
Price % Value	131%	63%	45%		
Expected Return	-24%	59%	124%		
IRR	7.4%	14.4%	18.9%		
Implied P/E on Normalized EPS	6.4x	14.6x	22.0x		
Current P/E on Normalized EPS	8.6x	9.0x	9.5x	12.3x	
Implied EV/EBITA	10.1x	15.8x	21.7x		
Current EV/EBITA	12.0x	11.5x	12.1x	12.1x	
6/3/2018					



#### Valuation





### Valuation - Sensitivity Analysis

Additional Sensitivity Analysis							
Key Assumption Change	Change in Base Case Value	New Base Case Value	New Price % Value				
No Growth for Botox	\$67	\$179	91%				
Botox for Migraine goes to Zero	\$30	\$216	75%				
No Growth for Medical Aesthetics	\$50	\$196	83%				



#### Security Research and Valuation



- Ask a series of questions to guard against behavioral biases before finalizing the analysis
- Checklist includes questions such as:
  - Have the most recent developments positive or negative colored the analysis of the company's prospects disproportionately to their long-term significance?
  - If the markets closed and I couldn't sell this security for five years, would I be comfortable owning it?
  - Do I have emotions positive or negative towards this investment?



#### Portfolio Construction

### **Quality Assessment:**

- Margin of Safety comes from considering the combination of the quality of the company and the discount to intrinsic value.
- The goal is to avoid below-average businesses, as it is too hard to estimate their value accurately.
- The minimum required expected IRR is 12% for the highest quality businesses and increases to 15% for average businesses.

PURCHASE GUIDELINES							
	В	usiness Quali	ty				
-	Average	Above Average	Excellent				
Price as % of base case value	<55%	<65%	<75%				

 Allergan clearly qualifies for purchase as my Business Quality assessment is 'Excellent' and the stock is priced at less than 65% of Base Case value



#### Portfolio Construction

### **Position Sizing:**

Three principles are used to size positions within the portfolio:

- Portfolio at Risk (PaR) PaR is the position size multiplied by the downside to the worst case value estimate. As an example, a 10% position with worst case downside of 30% would have a PaR of 3%. PaR will typically not exceed 5% at purchase.
- Risk of permanent capital loss declines as company quality increases. Increasingly higher quality parameters are a prerequisite for larger positions in the portfolio.
- No position size should be so large that a complete loss, however improbable, would result in capital loss that the rest of the portfolio would be unable to overcome.

#### **POSITION SIZING GUIDELINES**

		Position Size	
	Small (5%)	Medium (10%)	Large (15%)
Price as % of Base case value	<75%	<75%	<75%
Business quality	Average+	Average+	Above Average+
Balance Sheet quality	Any	Average+	Above Average+
Management quality	Any	Average+	Above Average+
Downside to Worst case	Any	<35%	<35%



#### Portfolio Construction - Allergan Position Sizing

- Initially made Allergan a small (5%) position at ~ \$180 in November 2017 when it fell below 75% of Base Case Value
- Recently increased the position to a medium (10%) position when the stock fell below \$155, which put it below 65% of my Base Case value estimate with less than 25% downside to the Worst Case



### **LEARN MORE**

#### **Contact Information**

Gary Mishuris, CFA
Managing Partner, Chief Investment Officer
Silver Ring Value Partners

gary@silverringvaluepartners.com

https://silverringvaluepartners.com

https://behavioralvalueinvestor.com



### **DISCLAIMERS**

This document does not constitute an offer to sell or a solicitation of an offer to buy securities. Any such offer will be made only by means of the Confidential Private Placement Memorandum (the "Memorandum"). This document is subject to the more complete information contained in the Memorandum.

This document and the information contained herein is confidential and is intended solely for the information of the person to whom it has been delivered. It is not to be reproduced, used, distributed or disclosed, in whole or in part, to third parties without the prior written consent of Silver Ring Value Partners. Each person accepting this document hereby agrees to return it promptly upon request. General solicitations, prospecting by mail and advertising are strictly prohibited.

An investment with Silver Ring Value Partners is speculative and involves significant risks, included loss of the entire investment. There can be no assurances that Silver Ring Value Partners's investment objective will able to be achieved or that its investment program will be successful. Silver Ring Value Partners's investment program is intended for long-term investors who can accept the significant risks associated with investing in a private fund structure. Limited partnership interest in the private fund will be illiquid as there will be no secondary market for such interests and none is expected to develop. There will be restrictions on transferring limited partnership interests in the private fund. A prospective investor who has preliminary interest in Silver Ring Value Partners's investment program should understand these risks and have the financial ability and willingness to accept them for an extended period of time before considering making an investment with Silver Ring Value Partners.

Neither Silver Ring Value Partners, Gary Mishuris nor any agent guarantees or makes any representations as to the performance of the Fund, the repayment of capital, income payments or any particular rate of capital or income return. All performance and risk targets contained herein are subject to revisions by Silver Ring Value Partners and are provided solely as a guide to current expectations. There can be no assurance that Silver Ring Value Partners's investment strategy will achieve any targets or that there will be any return on capital. Historic performance is not necessarily indicative of future performance, which could vary substantially.

The information presented herein, including, but not limited to, Silver Ring Value Partners's organizational structure, investment experience/views, returns or performance, investment strategies, risk management, market opportunity, representative strategies, portfolio construction, capitalizations, expectations, targets, parameters, guidelines, and positions may involve Silver Ring Value Partners's views, estimates, assumptions, facts and information from other sources that are believed to be accurate and reliable and are as of the date this information is presented, any of which may change without notice. Silver Ring Value Partners has no obligation (express or implied) to update any or all of the information contained herein or to advise you of any changes; nor does Silver Ring Value Partners make any express or implied warranties or representations as to the completeness or accept responsibility for errors. The information presented is for illustrative purposes only and does not constitute an exhaustive explanation of the investment process, investment strategies or risk management. No person (other than Silver Ring Value Partners and Gary Mishuris) has been authorized to make any statement concerning Silver Ring Value Partners and any such statements, if made, may not be relied upon.

The views expressed herein are the opinions and projections of SRVP as of June 1st, 2017, and are subject to change based on market and other conditions. SRVP does not represent that any opinion or projection will be realized. The information presented herein, including, but not limited to, SRVP's investment views, returns or performance, investment strategies, market opportunity, portfolio construction, expectations and positions may involve SRVP's views, estimates, assumptions, facts and information from other sources that are believed to be accurate and reliable as of the date this information is presented—any of which may change without notice. SRVP has no obligation (express or implied) to update any or all of the information contained herein or to advise you of any changes; nor does SRVP make any express or implied warranties or representations as to the completeness or accuracy or accept responsibility for errors. The information presented is for illustrative purposes only and does not constitute an exhaustive explanation of the investment process, investment strategies or risk management.

The analyses and conclusions of SRVP contained in this information include certain statements, assumptions, estimates and projections that reflect various assumptions by SRVP and anticipated results that are inherently subject to significant economic, competitive, and other uncertainties and contingencies and have been included solely for illustrative purposes.

Investors should consider the Fund as a supplement to an overall investment program. Investors could lose some or all of their investment.

This document has been prepared from original sources and data believed to be reliable. However no representations are made as to the accuracy or completeness thereof. Except where otherwise indicated herein, the information provided herein is based on matters as they exist as of the date of preparation and not as of any future date, and will not be updated or otherwise revised to reflect information that subsequently becomes available or circumstance existing or changes occurring after the date hereof. Certain information contained in the presentation constitutes forward looking statements which can be identified by the use of forward-looking terminology such as "may," "will," "should," "expect," "anticipate," "target," "project," "estimate," "intend," "continue," or "believe," or the negative thereof or other variations thereon or comparable terminology. Due to various risks and uncertainties, actual events or results or the actual performance of Silver Ring Value Partners may differ materially from those reflected or contemplated in such forward-looking statements.

