



ROBINS

School of Business™

Publix Supermarkets, Inc.

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Shortly after being named as CEO in 2016, the Publix Board of Directors authorized Todd Jones to move forward with opening ten new stores in the highly competitive Richmond, Virginia market.¹ The company's expansions out of its home market of Florida have paid off handsomely so far, with Publix now a close number 3 in market share in Georgia and gaining on its competition in Tennessee.² Stressing service and a unique store experience, Jones believed Publix would remind Richmond shoppers of the now-shuttered, service-oriented Ukrop's Super Markets and allow the company to quickly gain market share at the expense of its grocery nemeses, Walmart and Kroger. However, Richmond also marked the first time Publix would face Wegmans, a grocer with a similar background and focus on service, as well as a new European arrival, Lidl.³ Would the expansion work?

COMPANY BACKGROUND

George Jenkins opened the first Publix supermarket in Winter Haven, Florida on September 6, 1930, in the midst of the Great Depression.⁴ The story of Publix's inception has become corporate lore, an anecdote to explain the company's devotion to its employees. As the story goes, Jenkins was a successful manager at a Piggly Wiggly in Winter Haven. However, when Piggly Wiggly's new corporate owner refused an audience with Jenkins, who had driven eight hours to see him, Jenkins left in disgust, and resolved to start a rival store upon his return to Florida.⁵

Jenkins' single small grocery store has grown dramatically in the decades since. By the end of 2016, revenue surpassed \$34 billion and Publix operated 1,136 supermarkets located primarily in the southeastern United States, with this number reaching 1,161 by November of 2017 (a store breakdown appears at Exhibit 1).⁶ In addition to its stores, the company maintains nine distribution centers (seven of which are in Florida) and eleven manufacturing plants (nine in Florida, two in Georgia) producing dairy goods, fresh foods and bakery items.⁷ Eighty-five percent of revenue is derived from traditional grocery sales, which includes dairy, produce, meat, and seafood, with the remaining 15% coming from health and beauty care, general merchandise, pharmacy, floral, and other products and services. Publix offers customers nationally-recognized brands as well as private labels and relies on its own distribution centers for the majority of its product offerings.⁸

One of Publix's greatest strength is its customer service – it has ranked number one among supermarkets on the American Consumer Satisfaction Index for 14 straight years.⁹ The company's longstanding motto captures this focus: "Where Shopping is a Pleasure." Publix, as an employee owned company, also boasts strong employee satisfaction, as it has been one of Fortune's 100 Best Companies to Work for in America for 19 straight years.¹⁰ Publix is also identified as one of the most socially responsible companies in America, ranking second overall (right behind Wegman's) and second among Millennials (just behind Tesla Motors) in a recent Harris poll.¹¹

BUSINESS AND STRATEGIES

Publix operates in the highly competitive retail food industry. Its 1,136 supermarkets are located in the southeast and mid-Atlantic regions of the country – Florida, Georgia, Alabama, South Carolina, North Carolina, Tennessee, and, as of 2017, Virginia.

Operational strategy

The company's core strategies focus on customer service, product quality, shopping environment, competitive pricing, and convenient locations. Publix believes its focus on these areas has been critical to the company's success. Further, management believes continued focus in these areas is the key to differentiation, sustained market share, and financial growth in an increasingly competitive industry.¹²

Customer Service

Publix is renowned for its “relentless focus on pleasing customers.”¹³ Jenkins, the company's founder, called on each Publix employee to “make each customer's day a little bit better because they met you.”¹⁴ That mantra continues to shape the behavior of Publix employees even today. Employees practice Publix's 10-foot and 10-second rules, speaking to and smiling at everyone within 10 feet and greeting customers within the first 10 seconds of their arrival in a department.¹⁵ And, instead of giving customers aisle numbers to find an item, Publix employees are trained to get the item for the customer. To ensure shoppers move quickly through checkout, Publix implemented a “two-customer-per-line goal” enforced by the company's proprietary, predictive staffing software.¹⁶ While a visit to almost any other grocer means carrying out your own groceries, at Publix “[w]e pride ourselves on our outstanding customer service. That service includes taking your groceries to your vehicle.”¹⁷ However, the additional customer service offered by Publix leads to high operating costs relative to industry peers.¹⁸ Contrary to industry norms, Publix doesn't have a loyalty program. The company has stated repeatedly that it eschews loyalty programs because “every customer deserves the best we have to offer.”¹⁹

Product Quality

As part of its efforts to please its customers, Publix places considerable emphasis on product quality. Like many of its competitors, Publix offers a number of private-label products, with the company utilizing three different house brands. Its “Publix” brand is its basic offering, with “Publix Greenwise” focused on organic and natural offerings and its “Publix Premium” for higher price point products.²⁰

Shopping Environment

Publix also focuses on the cleanliness and appearance of its stores, constantly refreshing stores with 156 supermarkets remodeled in 2016 alone.²¹ This is a continuation of the company's recent strategy of renovating over 10% of its stores annually, with 154 remodels completed in 2015 and 138 in 2014.²² As Publix completes these projects, it is also prioritizing convenience and sustainability. Beyond the Publix bakery and deli, renovated stores feature a pharmacy, a floral

department and, appearing in at least 20 locations in 2017, a Starbucks cafe.²³ Outside of the store, Publix is reminding customers of its commitment to the environment by offering curbside recycling and charging stations for electric vehicles.²⁴

Competitive Pricing

Publix freely acknowledges that it focuses on service over price.²⁵ However, it does not ignore price, and when compared against some of its rivals, its prices are actually lower. Publix also offers a number of savings opportunities, such as digital coupons, and is well known for its Buy One-Get One (BOGO) promotions.²⁶ The company is seen as substituting a combination of digital coupons and BOGO promotions for the loyalty programs used by many large rivals such as Kroger.²⁷

Convenient Locations

Publix supermarkets are often located in strip shopping centers where Publix is the anchor tenant. On occasion, Publix will enter into joint ventures with real estate developers in the development of these shopping centers. Publix owns the land and real estate at 274 of its 1,136 locations. The company owns the building while leasing the land at 57 locations. The remaining supermarkets are leased, with renewals scheduled within 20 years. Publix supermarkets range in size from 28,000 to 61,000 square feet, allowing the company to operate in more locations than some of its competitors.²⁸

Growth Strategy

Organic growth is rare in the grocery industry. Oftentimes organic growth does not result in success due to already saturated markets with established local brands as well as a void in accessible, quality real estate.²⁹ Nonetheless, Publix enjoyed considerable success through a deliberate strategy of organic growth, first in its home Florida market and then northward through the Southeast. The company is now expanding into its seventh state, Virginia, in 2017.

Innovation Strategy

Although some observers critique Publix for focusing too much on continued expansion of its brick and mortar footprint, Publix is not ignoring the trends in online grocery purchasing and grocery delivery.³⁰ Even though an earlier attempt at grocery delivery (Publix Direct) failed in 2003, in 2016 Publix began testing a grocery delivery service through Instacart. Today, Publix offers grocery delivery through Instacart in as little as two hours to customers who live in areas surrounding more than half its stores. By 2020, the company plans to offer Instacart services from all of its stores.³¹ Beyond helping time-starved customers with grocery delivery, Publix is expanding its Online Easy Ordering (OEO) service. Now, over 200 bakery and deli items such as custom cakes can be ordered through the Publix website and picked up at a local store.³²

Publix has also made significant investments in the meal-kit and meal takeaway space. Its “Aprons” product line includes recipes with shopping information tailored to the store, cooking classes offered in the store in several locations, and now pre-made meal kits available in several

Publix locations in Florida.³³ Unlike some competitive offerings, Publix tailors its meal kit offerings to different levels of cooking experience, with simple reheat options for more complicated preparations.³⁴

INSIDE PUBLIX

Key Executives

CEO, Randall Todd Jones, Sr.

Todd Jones was named CEO when Ed Crenshaw stepped down after 8 years leading Publix. Jones has worked at Publix for 36 years, starting his career as a store clerk. He worked in a number of positions within the company on his way to the CEO role, most recently serving as President of Publix since 2008.³⁵ Although Jones is the first non-family member to lead Publix, he is seen as extremely knowledgeable and is well-respected within the company.³⁶

Chairman, William E. Crenshaw

Ed Crenshaw is the grandson of Publix's founder, George Jenkins. Crenshaw has worked for Publix for 42 years and served as the CEO from 2008 to 2016. Upon stepping down as CEO, Crenshaw transitioned to the Chairman for the Publix board of directors.³⁷ Like Jones, Crenshaw's career with the company began as a clerk, and he worked his way through the company en route to the corner office. Crenshaw spent a portion of his executive career with the company outside of Florida, leading Publix's entrance into the Georgia market during the 1990s.³⁸

Executive Vice President and Chief Financial Officer, David R. Phillips

Similarly to Jones and Crenshaw, David Phillips is a career Publix employee, starting as an internal auditor with the company in 1984. Phillips has held a number of financial roles within Publix, including controller and treasurer, before being promoted to CFO in 1999. With the elevation of Todd Jones to CEO, the Publix board gave additional responsibilities to Phillips and promoted him to executive vice president.³⁹

Senior Vice President, Alison M. Smith

Alison Smith joined Publix in 1995 in a part-time role, before rising through the senior human resources ranks with stints as director of employment and staffing beginning in 1999 and director of organizational development in 2004. She has a PhD in industrial/organizational psychology, and was recently promoted by Jones to provide strategic oversight of human resources, customer care & social media, and media & community relations.⁴⁰

Vice President, Omnichannel and Application Development, Erik Katenkamp

Erik Katenkamp joined Publix in 1995 from the aerospace industry. With a background in industrial engineering, Katenkamp has served in a number of IT-related roles at Publix, including

IT business manager, director of application delivery, and vice president of information systems.⁴¹ Katenkamp's position was newly created by the company in August of 2017, as Publix took steps toward strengthening its digital offerings and more thoroughly integrating them within its shopping experience.⁴² Omnichannel is a multichannel approach to retailing that helps a consumer experience a seamless shopping experience, whether shopping online or from a traditional store.

Vice President of Real Estate Assets, William Rayburn

Woody Rayburn started with Publix in 1993 as a business analyst. He transitioned to an asset manager role in 2000, becoming director of real estate assets in 2003. In 2017, Jones elevated Rayburn to a vice president position,⁴³ reflecting both confidence in Rayburn and the fact the company's real estate activities have grown tremendously, with the total amount of real property owned by the company having tripled over the last decade.⁴⁴

Employee Owned

With over 180,000 employees, Publix is the nation's largest employee-owned company.⁴⁵ Company stock is made available only to current employees and the company's Board of Directors. The employee stock ownership plan (ESOP) contains provisions prohibiting any transfer for value without the owner first offering the common stock to the company. Market price of the company's common stock is determined by its Board of Directors, who derive the value based on competitor's financials and how they relate to Publix, as well as comparing competitors' common stock price.

As of February 2017, there were 179,000 unique holders of record of Publix common stock.⁴⁶ Over time, the ESOP has proven astoundingly successful, with over a fifteen percent average annual return since its inception in 1974.⁴⁷ In addition to a great benefit for employees, research states that employee ownership can boost corporate profits by as much as 4%.⁴⁸ Some observers have noted that Publix's ESOP ownership structure, and its people-first management style, may be its greatest strength.⁴⁹

Beyond its positive effects on employee engagement and retention, the ESOP structure has also served as an effective deterrent to employees unionizing and potentially threatening the Publix mission. The company's feelings on unions are overtly addressed in its employee handbook – "owners don't need unions".⁵⁰

Human Resources

One of Publix's top corporate strategic priorities is investing in its employees, or associates, as they are referred to within the organization. In addition to being an ESOP where employees have the exclusive option to invest in the company they work for, each Publix associate is surveyed annually for feedback on leadership, business tools, compensation packages and policies.⁵¹ Associates are encouraged to take advantage of educational programs to help achieve the company's business objectives as well as enhance one's skills and knowledge. Dedication, commonly referred to in the company as "bleeding green," is also rewarded with compensation

increases as well as options for growth within the organization. All staffers who have put in 1,000 work hours per year receive an additional 8.5% of their total pay in the form of Publix stock.

Publix promotes from within and each store displays an advancement chart that highlights how each associate can become a manager. Associates are encouraged to rotate to various business segments within the organization, including but not limited to real estate, grocery, and distribution.⁵² With the focus Publix places on its associates, it has received national attention regularly as a top performer in many metrics, the most recent of which are shown in Exhibit 2. Perhaps the most telling of all, Publix's annual employee turnover rate is 5%. Its industry peers can experience turnover as high as 65%.⁵³

Organizational Culture

Publix has embraced a stakeholder theory approach to management. Its corporate structure elevates its "associates" (employees) to the position of owner and shareholder. Its mission statement and business strategies put the customer front and center. The company's charitable arm, Publix Charities, gives back to local communities. And, its sustainability efforts like annual greenhouse gas inventories, smart irrigation systems, curbside recycling, and charging stations for electric vehicles are becoming commonplace at Publix locations.⁵⁴

With all things – operations, working conditions, productivity, products, service, etc. – Publix applies a Continuous Quality Improvement (CQI) philosophy. The methodologies used to accomplish CQI goals are: Work Improvement Now (WIN), which creates an expectation for employees to immediately improve their own processes; and Quality Improvement Process (QIP), which sets the same expectation but at the department and company level.⁵⁵

The Publix culture doesn't just encourage feedback and continuous improvement. Each employee is said to have a responsibility, as an owner of the company, to improve the way stores are run each day. An open-door policy and an annual staff survey (Associate Voice Survey) are just two of the strategies employed by Publix to facilitate feedback and continuous improvement.⁵⁶

Mission, Purpose, and Values

The Publix mission, "to be the premier quality food retailer in the world," is supported by the company's commitment to be:

- Passionately focused on customer value;
- Intolerant of waste;
- Dedicated to the dignity, value and employment security of associates;
- Devoted to the highest standards of stewardship for stockholders; and,
- Involved as responsible citizens in (its) communities.⁵⁷

Operations & Supply Chain

At the end of 2016, Publix operated 53.4 million square feet of supermarket space in its 1,136 supermarkets.⁵⁸ Approximately 74% of the total cost of products purchased at Publix are supplied and delivered by its nine owned and operated distribution centers and 11 manufacturing plants.⁵⁹ Due to this infrastructure, Publix is not dependent on a single supplier. However, with seven of its nine distribution centers located in Florida, it is currently stretching the range of its supply chain operations. Any further geographic expansion would require additional distribution centers or a revisit of the company's operations and supply chain strategy.⁶⁰

Marketing

Publix employs its own marketing team of around 100 associates representing 50 different positions.⁶¹ When Publix enters a new state, its message does not represent anything groundbreaking, but simply attempts to relay its culture to its new market. In 2015, when Publix expanded into North Carolina, a spokesperson stated, “[o]ur message remains consistent in connecting on an emotional level with our customer and our potential customers, but sharing our culture becomes more important. In newer markets, we highlight our Publix Guarantee more and promote that we don’t have a loyalty program – that every customer deserves the best we have to offer.”⁶² The Publix Guarantee states “We will never knowingly disappoint you.” The marketing team at Publix focuses on geographical areas of operation where Publix is expanding its television, radio, and social media advertising. As of November 2017, Publix’s Facebook site had nearly 2.8 million followers.⁶³

Financial condition

Over the past five years, Publix’s revenue has grown from \$27.7 billion in 2012 to \$34.3 billion in 2016, representing a compound annual growth rate of 4.35%. Over the same time period, net income has increase from \$1.55 billion to \$2.03 billion, representing a compound annual growth rate of 5.48%. Thus, not only are sales increasing, due to in-store year-over-year growth as well as store count increases, but net income is increasing at a faster rate. COGS, gross margin, and SG&A as a percent of sales have remained fairly constant in the last three years. Publix issued 4 quarterly dividend payments in 2016 totaling \$0.8675 per share. Publix has always carried extremely low amounts of debt with its debt-to-equity ratio as low as 30% in 2016.⁶⁴ Liquidity is not a concern to Publix with an improving year-over-year current ratio landing at 1.56 in 2016. Publix’s income statement and balance sheet for the past five years can be found in Exhibit 3 and Exhibit 4.

Publix financial performance compares favorably with its peers. Publix prices its products slightly higher than Kroger, but lower than Whole Foods, indicated by the COGS and Gross Margin percent of sales metrics. Impressively, Publix’s net income is approximately equal to that of Kroger even though its revenue is only 31% of its larger rival. The company’s operating margin is the envy of its peer group, with it exceeding that of Kroger by almost 2.5 times, and nearly doubling that of Walmart. Key comparison data appears in Exhibit 5.

THE INDUSTRY

Publix operates as a traditional grocery store, garnering the third-largest market share of any grocer (excluding Walmart) in the United States.⁶⁵ Historically, the industry contained a number of smaller companies, but recent years have seen consolidation and bankruptcies in the face of increasing competitive pressure.⁶⁶ Since the economy rebounded consumers with higher disposable income moved back to purchasing premium, organic and all natural food brands, which helped to drive up overall industry revenue.⁶⁷ As one observer noted, the “grocery business isn’t what it used to be” as a convergence of market forces bear down on traditional grocers like Publix.⁶⁸ An increasing number of competitors now chase the grocery dollar, and changes in how consumers shop and consume food loom large over the company.

Major Competitors in the Richmond Market

Kroger

Founded in 1883, Kroger is the largest grocery store chain in the United States⁶⁹ and the third-largest retailer in the world.⁷⁰ Kroger operates behind its namesake brand as well as over twenty regional brands in 35 states. Kroger generated over \$115 billion in revenue in 2016, as it came off of its first full year of owning Harris Teeter, a regional brand operating in the Carolinas.⁷¹ Historically a strong financial performer, Kroger has disappointed recently, with its stock down over 40% for 2017.⁷² While it has curtailed its expenditures on new stores,⁷³ Kroger is investing aggressively in technological improvements, with the company operating its own data analytics unit and spending heavily on tools such as an infrared system allowing it to monitor checkout wait times and deploy additional clerks automatically in response.⁷⁴ Kroger also recently launched its “ClickList” service in a number of markets, where a customer can order groceries online and pick them up, curbside, at the store.⁷⁵

Kroger is also the market leader in leveraging loyalty card data – over 97% of purchases are made by shoppers holding a loyalty card.⁷⁶ Kroger uses this data to construct target offers, often by mailing coupons to specific customers. The company reports achieving redemption rates of up to 65% with some of these offers, compared to an industry average of roughly 5%.⁷⁷ In addition to customer loyalty, Kroger also packs its newer stores with additional services, such as banking, a florist or a Starbucks counter, which research data indicates helps the company fend off new market entrants and may decrease overall sales losses by up to 8%.⁷⁸

Food Lion

Based in Salisbury, North Carolina, Food Lion operates over 1,000 grocery stores in 10 Southeastern and Mid-Atlantic states. They have over 63,000 employees and serve about 10 million customers per week. The company has been operating since 1957, and its name was originally Food Town. In 1974 Food Lion was acquired by the Belgium-based Delhaize Group, which subsequently merged with Koninklijke Ahold, based in the Netherlands. Food Lion now operates as a part of Ahold Delhaize, which operates in 11 countries through 6,556 stores.

Food Lion's slogan is "Count on me" and they offer a double money back guarantee if their food is not fresh. Like Kroger, they have a loyalty card program. They have about 28,000 products in each store, including approximately 7,000 store brands.⁷⁹ Food Lion bases its marketing messages on low price and high quality, but in reality their prices are not particularly low nor is their quality higher than other stores. Their service quality is not higher than average either, and many of their stores are outdated. Basically, there is very little that differentiates Food Lion from other supermarkets in the areas where it operates, although there is a certain segment of customers that are loyal to the company based on family tradition – that is, they grew up with their families shopping at Food Lion.

Walmart

No retailer can ignore Walmart. In 2016, Walmart generated over \$486 billion in revenue,⁸⁰ making it the largest retailer in the world.⁸¹ Walmart operates over 4,600 stores across the United States,⁸² and its low-price model is in stark contrast to Publix.⁸³ Although historically Publix has made a 40% higher profit on groceries than Walmart,⁸⁴ in all but its home market of Florida, Walmart continues to command a higher market share of grocery shoppers.⁸⁵ Walmart leverages its enormous scale to exert pricing power over its suppliers, passing the resulting savings onto consumers.⁸⁶

While Walmart may have been the original disrupter to the grocery marketplace, Walmart executives acknowledge that "[t]here's never been a more disruptive time in the history of retail."⁸⁷ Like Kroger, Walmart is not standing still; it has pursued a number of acquisitions in the online space (including acquiring the online marketplace jet.com) to bolster its digital presence.⁸⁸ Walmart also recently entered into a partnership with Google, where visitors to Google's online shopping portal can make purchases from Walmart.⁸⁹ As with Kroger's ClickList, Walmart shoppers can now make grocery purchases online and pick them up at hundreds of its locations.⁹⁰ Leveraging its large store footprint, and infamous logistics prowess, Walmart now offers "pickup discounts" to online shoppers who are willing to pick up items at a nearby Walmart store.⁹¹ To further its growth in urban areas, Walmart also continues to invest in its Neighborhood Market stores, which are much smaller than its traditional Supercenter format, with the company having now opened over 735 locations around the country.⁹² To date, however, Publix has successfully survived "the Goliath-like Walmart assault" on its home market in Florida.⁹³

Aldi/Lidl

Aldi began shortly after World War II in Germany, near the city of Essen. Offering just 250 basic grocery items, the company swiftly established itself as a leader in the German grocery market.⁹⁴ Today, where Walmart may carry 120,000 different items in one of its Supercenters, Aldi stocks between 1,300 and 1,600.⁹⁵ This dramatically reduces complexity, and costs, allowing Aldi to undercut Walmart by 17% on a basket of 30 typical household items.⁹⁶ Aldi has operated in the United States since the 1970s, quietly building up a network of 1,600 stores in 35 states, but recently announced it would build another 900 stores over the next five years.⁹⁷ This follows its decision to invest over \$1.6 billion in renovating its existing stores.⁹⁸

Lidl, founded several decades later in 1973, also pursues a similarly ruthlessly efficient approach to the grocery business as its German compatriot.⁹⁹ When it entered the U.K. market in 1994, Lidl upended its grocery sector.¹⁰⁰ Today, Lidl commands 5.2% of the British market (and growing).¹⁰¹ Lidl opened its first U.S. stores in Virginia, North Carolina, and South Carolina, and promises its prices in the United States will be up to 50% lower than its competitors (excluding Aldi).¹⁰²

Although cutthroat competitors in their home market of Germany and in the U.K., Aldi and Lidl have at least one thing in common – they ignore the Internet “almost entirely.”¹⁰³ Both see online sales as self-cannibalizing, moving from a proven, high-profit channel (physical stores) to an unproven, less-profitable channel (online). U.K. observers estimate that its traditional grocers (such as Tesco and Sainsbury’s) make less than a fifth of their already-slim typical margin on online sales.¹⁰⁴ Indeed, Morgan Stanley estimates that for a traditional retailer, every percentage-point increase in its e-commerce sales equates to a half a point contraction in the retailer’s margins.¹⁰⁵

The companies also share a fervor for private-label goods, shunning well-known brands in favor of their own products. The typical Aldi or Lidl store contains up to 90% private-label goods.¹⁰⁶ By limiting stocks of name brand items, the German rivals can extract even greater supplier concessions than the notoriously aggressive Walmart.¹⁰⁷ Nevertheless, they put significant efforts into quality. Aldi in particular has been successful in positioning itself as offering high-quality, value-priced private-label products.¹⁰⁸

Whole Foods

If Aldi and Lidl form one bracket of the brick and mortar grocery market, Whole Foods forms the other. Derisively referred to as “Whole Paycheck” for its pricing structure,¹⁰⁹ Whole Foods nonetheless grew rapidly from its founding in Texas in 1980.¹¹⁰ It built a strong following as a purveyor of natural and organic foods, developing a cachet among affluent urbanites willing to pay for these offerings and a unique shopping experience.¹¹¹ Whole Foods stores contain well-trained staff and offer a number of services, including prepared meals, wine bars, and other similar amenities. However, like the low-price German chains, Whole Foods developed a robust private label brand (365 Everyday Value) which consumers identified as offering high quality.¹¹²

Nonetheless, recently Whole Foods found itself under pressure from Walmart, Kroger and others such as Publix. Kroger in particular began aggressively expanding its organic offerings, with the large chain selling more organic and natural products (\$16 billion)¹¹³ than Whole Foods total sales in 2016.¹¹⁴ With Whole Foods weakened, in a move seen as upending the U.S. grocery market, Amazon stepped in and acquired the chain in 2017.¹¹⁵ Amazon immediately moved to lower prices on a number of Whole Foods items, and made available through its powerful website Whole Foods’ 365 Everyday Value products.¹¹⁶ Whole Foods locations provide Amazon an existing supply chain and over 450 brick and mortar locations where it can sell Amazon products as well as provide for pickup of online grocery orders.¹¹⁷ Amazon gives Whole Foods the strength of a \$140 billion/year retailer with a CEO in pursuit of fully integrating Amazon into the lives of its customers.¹¹⁸

Wegman's

Any discussion of Publix almost inevitably involves a comparison to Wegman's, the Northeastern powerhouse based near Rochester, New York. Like Publix, Wegman's is a member of Fortune's Great Places to Work Legends, having been named to the list for 20 years in a row.¹¹⁹ It is privately held, focused on service and pays its employees far above the industry standard for grocers.¹²⁰ And the two are alike in another key aspect – they are both on the march, expanding their geographic reach and colliding in the Virginia market.¹²¹ Unlike Publix, however, Wegman's relies upon a much smaller number of stores, with its typical store size of 120,000 square feet nearly doubling that of the largest Publix.¹²² Only opening 3-4 new stores per year,¹²³ Wegman's average per-store sales of almost \$90 million is three times the average per-store sales of Publix.¹²⁴

EXTERNAL ENVIRONMENT/TRENDS

Too Many Stores?

In addition to a number of strong competitors in the marketplace, broader market trends are buffeting the grocery market. Less than half of grocery shoppers now do their food shopping at one primary supermarket.¹²⁵ In 2016, convenience stores sold \$73 billion of prepared foods, beverages and other food services, up 72% from 2010.¹²⁶ Two-thirds of sales at dollar stores (Dollar General, Family Dollar, and others) are food, beverages and other consumables.¹²⁷ Grocery shoppers are also visiting alternatives like farmer's markets, and buying fewer items per trip.¹²⁸ Given this selection of alternative brick and mortar locations for grocery purchases, little surprise that Barclays now says that 38 of the top 50 grocery markets in the United States are too saturated by food retail on a per capita basis.¹²⁹ With numerous large competitors, Richmond may be one of these over-saturated markets.

To Cook or Not to Cook?

Unfortunately for traditional grocers, many consumers today do not cook at home. Millennials, the largest consumer demographic group, spend 42% of their monthly food budget on food prepared outside the home.¹³⁰ Grocery spending by Millennials is \$1,000 less per year (adjusted for inflation) than their parents spent in 1990.¹³¹ Older consumers, who no longer have a need to prepare a large family meal, are following Millennials in seeking out prepared foods.¹³² Online prepared meal kits, available from companies such as Blue Apron and Plated, have been enjoying robust growth, with some 24% of Millennials having subscribed to a meal kit service at some point and growth estimated at over 25% per year over the next five years.¹³³ Albertsons, the large privately-held grocery chain based in Idaho, recently announced a deal to purchase Plated, and Amazon has launched its own kit service and plans to make available Whole Foods-branded kits as part of its acquisition of the organic grocer.¹³⁴

Omnichannel/Online

Online grocery sales have grown 10.1% over the last five years and are expected to grow at a rate of 6.7% over the next five, with total sales predicted to reach \$13.5 billion in 2017.¹³⁵

Amazon's move to acquire Whole Foods is not the only digital impact on traditional grocers. While the potential for Amazon to disrupt the market is seen as high (almost anyone that sells groceries saw its stock fall on the date Amazon announced the deal, with Kroger leading the path downward at a 9.2% clip),¹³⁶ potentially just as disruptive is the integration of online ordering and mobile apps into grocery shopping. Kroger's in-house analytics team is building a mobile application that will populate a shopping list, together with locations in the store, from a user's recipe.¹³⁷ Both Walmart (through its Sam's Club division) and Kroger are piloting mobile applications that allow shoppers to scan items as they move through the store, paying through the app as they exit.¹³⁸ And, as noted above, both are growing the number of locations that provide curbside pickup of online orders, a potentially savvy move as market research suggests that 76% of online shoppers have an interest in picking up grocery items bought online.¹³⁹

In addition to online sales picked up at traditional stores, a number of online platforms and delivery services exist. Peapod, owned by the Dutch grocery giant Ahold Delhaize, counts 350,000 customers in 23 major metropolitan markets.¹⁴⁰ Instacart, an online grocery delivery service, has recently agreed to partnerships with Kroger, Costco, and several smaller regional chains¹⁴¹. Shipt, another last-mile online provider, announced plans to be in over 100 markets by the end of the year, concentrating in the south and Midwest, delivering for companies such as Costco and Meijer.¹⁴²

U.S. Economy

By December 2017, the economy had rebounded from the Great Recession and the stock markets were hitting all-time highs weekly. Real per capita disposable personal income (measured in constant 2009 dollars) had increased from \$36,235 in January 2013 to \$39,368 in May of 2017.¹⁴³ The United States was experiencing sustained economic growth it had not seen in years and the country's gross domestic product had increased by an average of 2.1% over the past eight years, marking the third-longest economic expansion in U.S. history.¹⁴⁴ While many economists and financial analysts were optimistic about the direction of the economy, an increasing number were becoming concerned that such continued growth was unsustainable. More and more analysts were beginning to question economic fundamentals, and with stocks trading at a multiple of earnings only previously seen in 1929 and 2000, some feel a market correction is looming.¹⁴⁵

Healthiness/Better-For-You

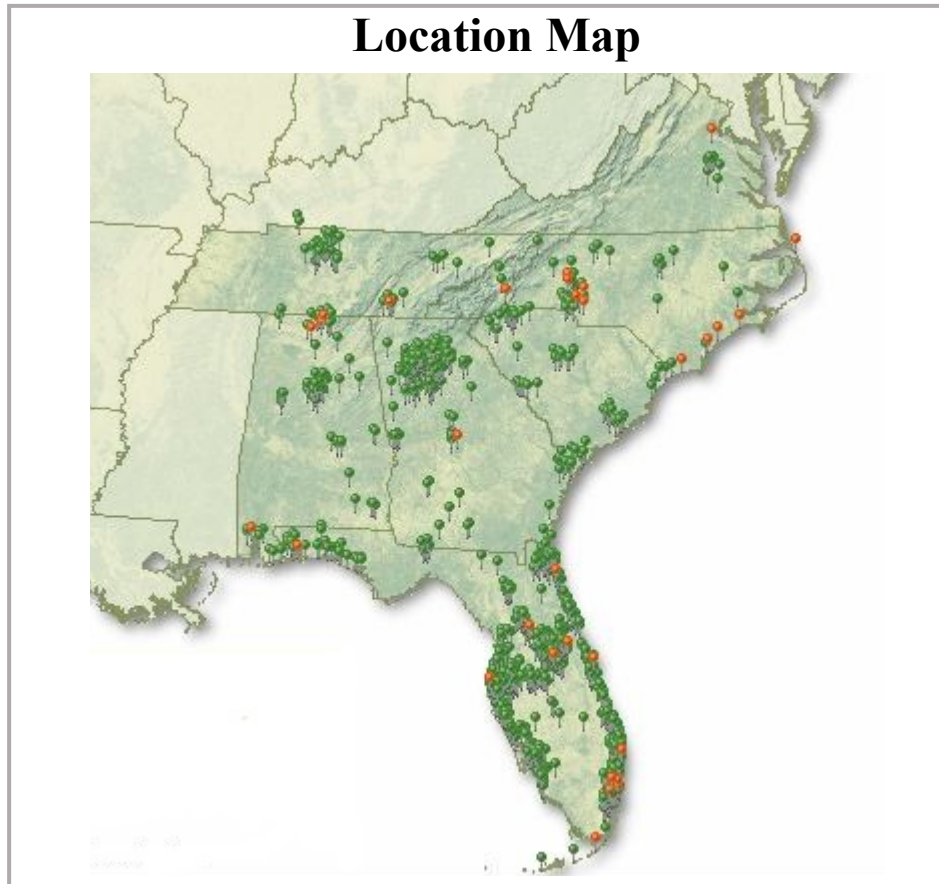
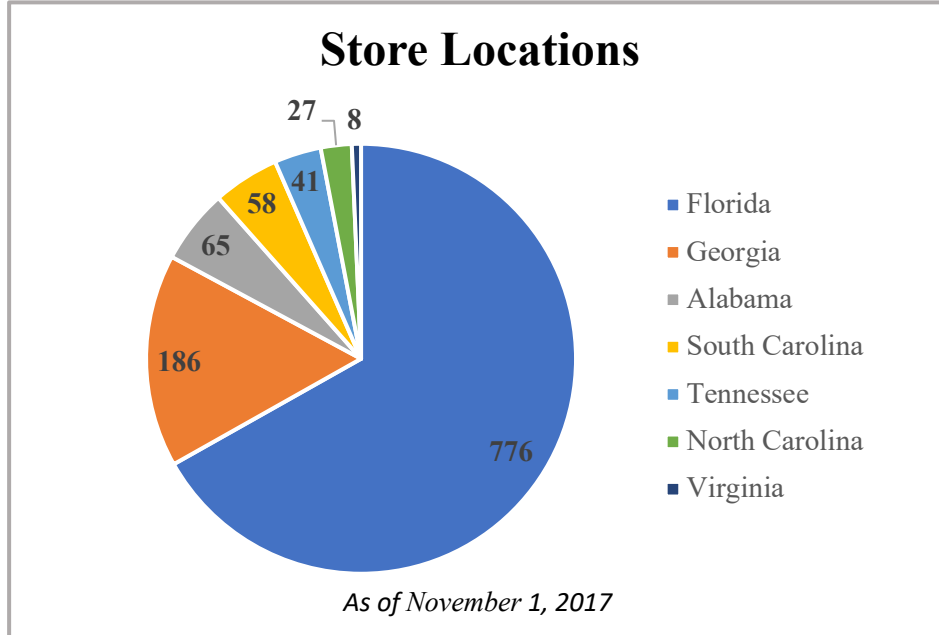
The success of Whole Foods, and the growing importance of organics and natural goods to other grocery chains highlight shifting consumer preference toward grocery items seen as more healthful (Kroger reports that 14% of its total sales in 2016 were for its "Simple Truth" line of organic and natural products).¹⁴⁶ Healthy-oriented markets like Whole Foods, Trader Joe's, Earth Fare and Sprouts Farmers Market have made inroads into the Florida grocery market, largely at the expense of Publix.¹⁴⁷ Survey data suggests customers continue to demand a greater variety of all-natural and organic products, with 82% of households purchasing organic products in 2016.¹⁴⁸ Organic products expanded 8.4% in 2016 alone.¹⁴⁹ Perhaps more importantly, with consumers willing to pay a premium for such products, they have (at least prior to Amazon's recent price cuts at Whole Foods) delivered consistently higher margins for retailers.¹⁵⁰

LOOKING FORWARD

Publix continues to enjoy growth in sales, a healthy gross margin and strong financial returns. The company is confident that its steady northward geographic expansion will continue supporting long-term growth for Publix. However, the highly competitive situation the company now faces in Richmond Virginia may be indicative of things to come. Wegmans, Lidl and Aldi very recently entered this market, and Kroger, Walmart, Food Lion and Whole Foods already have a significant presence. The continued expansion of Aldi and Lidl will put considerable price pressure on everyone in the Southeastern grocery market. So the over-saturation Publix is facing in Richmond is, in a sense, a good test case for what the company is likely to experience from now on in many or most of its markets.

Faced with these sorts of challenges, can the company's labor-intensive, service-first, real estate heavy model continue to support growth in the future? Will customers migrate towards costs savings wherever they may be found, whether at a brick-and-mortar competitor or online? Will Publix's partnership strategy with Instacart allow it to meet the online challenge? Does the company need to increase investment in its Aprons meal kit and prepared foods or should it focus more on expanding higher margin private label products and organic offerings? Should Publix abandon its long-standing aversion to a loyalty program? Basically, how can Publix position itself for continued growth when faced with this challenging business environment?

EXHIBIT 1 – STORE LOCATIONS



[orange pins denote planned locations]

* Source: Publix Super Markets, Inc. Locations. <http://store.publix.com/publix>, Accessed November 22, 2017.

Exhibit 2 – 2016 Awards and Recognitions

- Fortune’s 100 Best Workplaces for Millennials
- Fortune and the Great Place to Work Institute’s 15 Best Workplaces in Retail
- Fortune’s Most Important Private Companies
- Fortune’s 100 Best Companies to Work For in America for 19 consecutive years
- Fortune’s Most Admired Companies for 23 consecutive years
- J.D. Power & Associates — highest-ranking pharmacy in overall satisfaction in the supermarket segment eight of the last 10 years
- Glassdoor’s Candidates’ Choice Awards: 50 Best Places to Interview

* Source: Publix Super Markets, Inc. Company Overview: Awards and Achievements. <http://corporate.publix.com/about-publix/company-overview/awards-achievements>, Accessed November 22, 2017.

EXHIBIT 3: PUBLIX SUPER MARKETS, INC. INCOME STATEMENT

Income Statement (USD) (\$) in Millions

	2012	2013	2014	2015	2016
Revenue	\$27,707	\$29,148	\$30,802	\$32,619	\$34,274
Cost of revenue	19,911	20,937	22,233	23,460	24,734
Gross profit	7,796	8,210	8,570	9,159	9,540
Operating expenses					
Sales, General and administrative	5,631	5,890	6,169	6,481	6,788
Other operating expenses					
Total operating expenses	5,631	5,890	6,169	6,481	6,788
Operating income	2,165	2,320	2,401	2,678	2,752
Other income (expense)	137	146	169	191	189
Income before income taxes	2,303	2,466	2,570	2,869	2,940
Provision for income taxes	750	812	835	904	915
Net income	\$1,552	\$1,654	\$1,735	\$1,965	\$2,026
Earnings per share					
Basic	1.98	2.12	2.23	2.54	2.63
Diluted	1.98	2.12	2.23	2.54	2.63
Weighted average shares outstanding					
Basic	783	780	779	774	769
Diluted	783	780	779	774	769
EBITDA	\$2,796	\$2,821	\$2,914	\$3,260	\$3,376

Source: Company Annual Reports; Morningstar.

EXHIBIT 4 – PUBLIX SUPER MARKETS, INC. BALANCE SHEET

Consolidated balance sheet USD (\$) in Millions

	2012	2013	2014	2015	2016
Assets					
Current Assets					
Cash and cash equivalents	\$337	\$302	\$407	\$352	\$438
Short-term investments	797	830	999	1,377	1,592
Total cash	1,135	1,131	1,407	1,729	2,030
Receivables	519	540	549	724	715
Inventories	1,409	1,507	1,598	1,741	1,722
Deferred income taxes	58	56	71	51	77
Prepaid expenses		26	109	70	50
Other current assets	28				
Total current assets	3,149	3,260	3,734	4,314	4,596
Non-current Assets					
Land	689	716	936	1,158	1,416
Fixtures and equipment	4,588	3,759	4,102	4,303	4,582
Other properties	3,703	3,944	4,629	5,252	5,984
Property and equipment, at cost	8,979	8,419	9,667	10,712	11,982
Accumulated Depreciation	4,289	3,614	3,944	4,325	4,695
Property, plant and equipment, net	4,691	4,805	5,723	6,387	7,287
Equity and other investments	4,236	5,162	5,232	5,226	5,147
Other long-term assets	203	320	395	431	434
Total non-current assets	9,129	10,286	11,350	12,045	12,868
Total Assets	\$12,278	\$13,547	\$15,083	\$16,359	\$17,464

EXHIBIT 4 – PUBLIX SUPER MARKETS, INC. BALANCE SHEET CONT.

Consolidated balance sheet USD (\$) in Millions

	2012	2013	2014	2015	2016
Liabilities					
Current liabilities					
Short-term debt	5	38	25	57	114
Accounts payable	1,307	1,383	1,538	1,676	1,610
Deferred income taxes					
Taxes payable		20	13	10	13
Accrued liabilities	909	938	1,122	1,161	1,207
Other current liabilities					
Total current liabilities	2,221	2,379	2,698	2,903	2,944
Non-current liabilities					
Long-term debt	153	125	193	180	137
Deferred taxes liabilities	327	357	389	425	474
Accrued liabilities					
Pensions and other benefits	117	103	107	102	103
Minority interest	47	51	42	37	24
Other long-term liabilities	331	316	353	319	310
Total non-current liabilities	975	951	1,083	1,062	1,047
Total liabilities	3,196	3,329	3,781	3,965	3,991
Stockholders' equity					
Common stock	776	777	774	770	763
Other Equity	(2,273)				
Additional paid-in capital	1,627	1,899	2,201	2,556	2,850
Retained earnings	6,641	7,454	8,218	9,041	9,837
Accumulated other comprehensive income	2,311	87	109	26	23
Total stockholders' equity	9,082	10,217	11,303	12,394	13,473
Total liabilities and stockholders' equity	\$12,278	\$13,547	\$15,083	\$16,359	\$17,464

Source: Company Annual Reports; Morningstar.

EXHIBIT 5 - KEY RATIO COMPARISONS

	Publix			Walmart			Kroger			Whole Foods		
	2014	2015	2016	2015	2016	2017	2015	2016	2017	2015	2016	2017
Financials (USD) (\$ in millions)												
Revenue	\$30,802	\$32,619	\$34,274	\$485,651	\$482,130	\$485,873	\$108,465	\$109,830	\$115,337	\$15,389	\$15,724	\$16,030
Gross Margin %	27.8	28.1	27.8	24.8	25.1	25.6	21.2	22.2	22.4	35.2	34.4	33.7
Operating Income	2,401	2,678	2,752	27,147	24,105	22,764	3,137	3,576	3,436	861	857	459
Operating Margin %	7.8	8.2	8	5.6	5	4.7	2.9	3.3	3	5.6	5.5	2.9
Net Income	1,735	1,965	2,026	16,363	14,694	13,643	1,728	2,039	1,975	536	507	245
Margins % of Sales												
COGS	72.18	71.92	72.17	75.17	74.87	74.35	78.84	77.84	77.60	64.81	65.59	66.33
Gross Margin	27.82	28.08	27.83	24.83	25.13	25.65	21.16	22.16	22.40	35.19	34.41	33.67
SG&A	20.03	19.87	19.81	19.24	20.13	20.96	16.47	17.00	17.39	29.60	28.96	29.83
Operating Margin	7.79	8.21	8.03	5.59	5.00	4.69	2.89	3.26	2.98	5.59	5.45	2.86
Net Int Inc & Other	0.55	0.59	0.55	(0.48)	(0.51)	(0.47)	(0.45)	(0.44)	(0.45)	0.11	(0.19)	(0.26)
EBT Margin	8.34	8.80	8.58	5.11	4.49	4.22	2.44	2.82	2.53	5.71	5.26	2.60
Profitability Ratios												
Return on Assets %	12.12	12.5	11.98	8.01	7.29	6.85	5.78	6.33	5.57	9.33	8.39	3.76
Financial Leverage (Average)	1.33	1.32	1.3	2.5	2.48	2.56	5.64	4.97	5.45	1.52	1.97	1.95
Return on Equity %	16.13	16.58	15.66	20.76	18.15	17.23	32.01	33.34	28.98	14.14	14.5	7.36
Return on Invested Capital %	15.85	16.27	15.37	14.14	13.08	12.51	12.14	13.11	11.64	13.91	13.52	6.69
Interest Coverage				11.08	9.49	9.66	6.43	7.42	6.58		21.17	9.51
Revenue %												
Year over Year	5.68	5.90	5.07	1.96	(0.73)	0.78	10.26	1.26	5.01	8.42	2.18	1.95
3-Year Average	4.26	5.59	5.55	2.81	0.91	0.67	6.27	4.32	5.45	9.57	6.77	4.14
5-Year Average	4.67	5.19	4.75	3.54	2.71	1.68	7.17	5.97	5.00	11.31	9.24	6.50
Net Income %												
Year over Year	4.92	13.24	3.09	2.13	(10.20)	(7.15)	13.76	18.00	(3.14)	(7.43)	(5.41)	(51.68)
3-Year Average	5.17	8.18	6.99	1.39	(4.74)	(5.22)	42.12	10.85	9.14	4.81	(2.74)	(24.92)
5-Year Average	8.36	7.99	6.31	2.68	(2.16)	(2.77)	89.88	12.81	26.82	16.87	8.15	(12.05)
Efficiency Ratios												
Payables Period	23.98	25	24.24	37.9	38.88	40.37	21.2	23.01	23.54	10.44	10.65	11.64
Receivables Turnover	56.54	51.24	47.64	72.19	77.75	84.8	91.07	73.22	68.19	73.99	68.37	66.24
Inventory Turnover	14.32	14.06	14.29	8.11	8.06	8.26	15.08	14.42	14.06	21.2	20.28	21.52

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