


## ABOUT TRACTOR SUPPLY

Tractor Supply is the largest retail store chain of rural lifestyle products in the United States. At December 31, 2016, the Company operated over 1,700 stores in 49 states, including nearly 1,600 Tractor Supply stores and over 140 Petsense pet specialty stores, and an e-commerce website at TractorSupply.com. We are a growth company, and believe we have an opportunity to grow to 2,500 Tractor Supply and nearly 1,000 Petsense domestic store locations.

## EXPANDING OUR BUSINESS


$136 \%$
Increase of over 10 years

Sales
(in millions)*

## Sales per store

(in millions)
$\$ 4.4$
$\$ 3.7$


# Message from OUR CEO 

## ACHIEVING TOGETHER

> With the support of a dedicated team and loyal customers, we continue to pursue our mission to work hard, have fun and make money by providing legendary service and great products at everyday low prices.

## TO OUR STAKEHOLDERS

Over our 79-year history, Tractor Supply has grown to be the largest and most dependable supplier of everyday basic products to the rural lifestyle customer. Our customers depend on us for everything from fencing equipment to animal feed, outdoor power tools, truck supplies and lawn \& garden materials. We know the rural lifestyle customer and their unique needs because many of our team members are rural lifestyle customers themselves with these same needs. Our stores all across America service a unique customer base who values working in the outdoors, repairing things themselves, caring for livestock and pets and tending to their land. We call this the "Out Here" lifestyle, and we take great pride in being part of this lifestyle and serving this customer.

## LOOKING BACK

While it was a challenging year from a sales perspective, there was much to be proud of in 2016. Continued challenges in energy markets, as well as a lack of customer demand for several categories of weather-related products, presented significant hurdles. I am proud of how our team rolled up their sleeves, provided legendary service to our customers and executed on our mission to be the most dependable supplier of basic maintenance products to farm, ranch and rural customers despite the headwinds. In the broader macro environment, our customers continue to depend upon Tractor Supply for their everyday basic maintenance products for their farm, ranch or business. We think this is best reflected in our same store sales transaction count, which increased $2.6 \%$ in 2016 (representing over a decade of same store transaction count increases).


Net Income Per Diluted Share \$


## LOOKING BACK

 AT 2016

Continued our mid-single digit store growth by adding 113 Tractor Supply stores across 37 states, including our
1,500 th store in South Odessa, TX


Added over 2,000 new Tractor Supply positions through store growth and positions in our distribution centers and Store Support Center

Acquired Petsense, a pet specialty retailer with over 130 stores
i-i
Returned cash to shareholders with a $20 \%$ increase in the annual dividend, representing the 6th consecutive year of double digit dividend increases


Repurchased \$331.7M of our shares

by $8.9 \%$ to

## \$6.8B

Grew net income by
6.5\%


## MOVING FORWARD

As we look forward to 2017, we have many opportunities to grow and strengthen our business. We will invest in team member development, further enhance our merchandise assortments and expand our information technology capabilities to better meet the evolving needs of our customers. At the same time, we will remain focused on our goal of returning value to our shareholders through sustainable growth strategies.

Our strategic priorities in 2017 include:

- Continuing the growth of our store base in both Tractor Supply and Petsense to bring our unique product offerings closer to where our customers live
- Providing our customers with new products by utilizing our test and learn platform for product innovation, quality and value in both our exclusive brands and national brands
- Growing customer engagement by leveraging new digital technology tools to ensure the customer experience is the same at every touch point within Tractor Supply, giving the customer the choice to interact with us anytime, anywhere and anyway they prefer
- Enhancing Customer Relationship Management (CRM) capabilities with our new Neighbors Club Program to ensure targeted, relevant communication across all channels of our business
- Expanding our supply chain capabilities to provide greater service and convenience to our customer through improved inventory in-stocks, convenient fulfillment options and faster store replenishment turnaround time
- Connecting all of these capabilities to achieve a ONETractor perspective to support our long-term growth strategy


## WE ARE CONFIDENT

We are committed to being the most dependable supplier of everyday basic products to the "Out Here" lifestyle customer and driving value for our shareholders. We will do this by taking a balanced and disciplined approach by reinvesting into the business for long-term growth, returning excess capital to shareholders through regular quarterly dividends and share repurchase. At a time when customers want the ability to choose how and when they shop, we are committed to opening new stores and expanding our digital footprint with new capabilities.

We remain committed to our corporate culture, our Mission and Values, our unique customers and our trusted stakeholders. We have a differentiated business model that has grown and delivered strong results over the past 79 years. I am personally excited about our future and believe our success is directly related to our extraordinary 26,000 plus team members, our loyal customers, our strong vendor relationships and our commitment to our stakeholders to manage the business for the long term. We move forward with our future in mind, and we believe we have the right strategy and strategic initiatives in place to drive long-term growth for many years to come.

## Greg Sandfort

Chief Executive Officer

## OUR STRATEGY



## Investing in what matters most to Tractor Supply customers is at the heart of our strategy.

## STORES

Our Tractor Supply stores provide the quality products, seasoned advice and great value that our customers require. The close proximity of our stores combined with on-line shopping options and new digital tools and technologies will make it easier for customers to get in and out of our stores quickly and back to their projects.

## MERCHANDISE

We are constantly testing new merchandise and adapting our merchandise assortment around the needs and preferences of our customers. We actively engage our customers and team members and utilize data to remain nimble in both anticipating and reacting to consumer trends.

## CUSTOMERS

Our customer database and the information received from our Neighbors Club loyalty program will result in a deeper understanding of each member's needs as well as broaden our customer segment insights, resulting in more authentic interactions.
> "Every team member is empowered to do whatever it takes to support our customer."

STEVE BARBARICK
President and Chief Merchandising Officer


> "Our unique team members provide exceptional service in-store and online to grow sales and build customer loyalty."

GREG SANDFORT
Chief Executive Officer


## OUR TEAM



## A UNIQUE CUSTOMER EXPERIENCE

We seek to hire store team members with farming and ranching backgrounds. The 20,000 Tractor Supply team members that our customers meet in our stores are supported by the 4,000 more who work in merchandising, marketing, logistics, online and in many other support roles. We have demonstrated our ability to adapt to our customers' changing needs through product enhancements and refreshes, improved content in stores and online and continuous improvement in digital and customer engagement opportunities. We work hard to support our customers.

## TRAINING AND DEVELOPMENT OPPORTUNITIES FOR UNIQUE TALENT

To help our team members find opportunities for advancement within Tractor Supply and to develop the skills of our team, we devote considerable resources to training our team members. Our training programs include:

- a thorough on-boarding process, which we call "tractorization";
- core skills development in their area of expertise;
- extensive management and leadership development training;
- enhancing product knowledge skills, often supported by vendor expertise, to deliver seasoned advice; and
- maintaining technical skills to ensure we respond to the ever-changing retail landscape.


## STEWARDSHIP

## CORPORATE RESPONSIBILITY AND DOING THE RIGHT THING.

Tractor Supply believes a healthy environment, properly managed resources and vibrant communities are keys to a secure and prosperous future. We view our Stewardship Program as a process of continuous improvement as we look for ways to become more efficient, eliminate waste and reduce our impact on the environment.

2016 BY THE NUMBERS
21,643
tons of cardboard recycled
67,185
gallons of oil collected from customers for recycling
72 MILLION
kilowatt hours saved through Energy
Management System
3.4 MILLION
wood pallets recycled
624,409
vehicle batteries recycled
908
stores converted to LED lighting

See our latest Stewardship Report to learn more about corporate responsibility at Tractor Supply www.tscstewardshipreport.com

# UNITED STATES <br> SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 

(Mark One)
ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the fiscal year ended December 31, 2016
or
or
$\square \quad$ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the transition period from $\qquad$ to $\qquad$ .
Commission file number 000-23314


SUPPLYCO

## TRACTOR SUPPLY COMPANY

(Exact name of registrant as specified in its charter)

$$
\begin{array}{cc}
\begin{array}{c}
\text { Delaware } \\
\text { (State or Other Jurisdiction of } \\
\text { Incorporation or Organization) }
\end{array} & \text { (I.R.S. Employer Identification No.) } \\
\frac{5401 \text { Virginia Way, Brentwood, Tennessee }}{\text { (Address of Principal Executive Offices) }} & \underline{37027} \\
\text { Registrant's Telephone Number, Including Area Code: } & (\text { Zip Code) } \\
\hline(615) 440-4000
\end{array}
$$

Securities Registered Pursuant to Section 12(b) of the Act:

Title of each class
Common Stock, $\$ .008$ par value

Name of each exchange on which registered NASDAQ Global Select Market

Securities Registered Pursuant to Section 12(g) of the Act: None
Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.
YES $\begin{aligned} & \text { NO } \square\end{aligned}$
Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.
YES $\square$ NO $\square$
Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

YES $\begin{aligned} & \text { V } \\ & \text { N }\end{aligned}$
Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T ( $\$ 232.405$ of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

YES $\downarrow$ NO $\square$
Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K ( $\$ 229.405$ of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act:

| Large accelerated filer | $\square$ | Accelerated filer |
| :--- | :--- | :--- |
| Non-accelerated filer | $\square$ (Do not check if a smaller reporting company) | Smaller reporting company |

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act.)
YES $\square$ NO $\square$
The aggregate market value of the Common Stock held by non-affiliates of the registrant, based on the closing price of the Common Stock on The NASDAQ Global Select Market on June 25, 2016, the last business day of the registrant's most recently completed second fiscal quarter, was approximately $\$ 9.6$ billion. For purposes of this response, the registrant has assumed that its directors, executive officers, and beneficial owners of $5 \%$ or more of its Common Stock are affiliates of the registrant.

Indicate the number of shares outstanding of each of the registrant's classes of common stock as of the latest practicable date.
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## FORWARD-LOOKING STATEMENTS OR INFORMATION

This Form $10-\mathrm{K}$ and statements included or incorporated by reference in this Form $10-\mathrm{K}$ include certain historical and forwardlooking information. The forward-looking statements included are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 (the "Act"). All statements, other than statements of historical facts, which address activities, events or developments that we expect or anticipate will or may occur in the future, including such things as future capital expenditures (including their amount and nature), business strategy, expansion and growth of the business operations and other such matters are forward-looking statements. To take advantage of the safe harbor provided by the Act, we are identifying certain factors that could cause actual results to differ materially from those expressed in any forward-looking statements, whether oral or written. These factors include, without limitation, national, regional and local economic conditions affecting consumer spending, weather conditions, the seasonal nature of the business, the timing and acceptance of new products in the stores, the timing and mix of goods sold, purchase price volatility (including inflationary and deflationary pressures), the ability to increase sales at existing stores, the ability to manage growth and identify suitable locations, failure of an acquisition to produce anticipated results, the ability to successfully manage expenses and execute key gross margin enhancing initiatives, the availability of favorable credit sources, capital market conditions in general, the ability to open new stores in the manner and number currently contemplated, the impact of new stores on the business, competition, effective merchandising and marketing initiatives, the ability to retain vendors, reliance on foreign suppliers, the ability to attract, train and retain qualified employees, product liability and other claims, changes in federal, state or local regulations, potential judgments, fines, legal fees and other costs, breach of information systems or theft of employee or customer data, ongoing and potential future legal or regulatory proceedings, management of the Company's information systems, failure to develop and implement new technologies, the failure of customer-facing technology systems, business disruption including from the implementation of new supply chain technologies, effective tax rate changes and results of examination by taxing authorities, the ability to maintain an effective system of internal control over financial reporting, changes in accounting standards, assumptions and estimates, and those described in Item 1A. "Risk Factors." Forward-looking statements are based on currently available information and are based on our current expectations and projections about future events. We undertake no obligation to release publicly any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

## PART I

## Item 1. Business

## Overview

Tractor Supply Company (the "Company" or "we") is the largest operator of rural lifestyle retail stores in the United States. The Company is focused on supplying the needs of recreational farmers and ranchers and others who enjoy the rural lifestyle (which we refer to as the "Out Here" lifestyle), as well as tradesmen and small businesses. We operate retail stores under the names Tractor Supply Company, Del's Feed \& Farm Supply and Petsense and operate websites under the names TractorSupply.com and Petsense.com. Our stores are located primarily in towns outlying major metropolitan markets and in rural communities.

Tractor Supply Company has one reportable industry segment which is the retail sale of products that support the rural lifestyle. At December 31, 2016, we operated 1,738 retail stores in 49 states ( 1,595 Tractor Supply and Del's retail stores and 143 Petsense retail stores). Our Tractor Supply stores typically range in size from 15,000 to 20,000 square feet of inside selling space, along with additional outside selling space and our Petsense stores have approximately 5,500 square feet of inside selling space. For Tractor Supply retail locations, we use a standard design for most new built-to-suit locations that includes approximately 15,500 square feet of inside selling space.

## Business Strategy

We believe our sales and earnings growth is the result of executing our business strategy, which includes the following key components:

## Market Niche

We have identified a specialized market niche: supplying the lifestyle needs of recreational farmers and ranchers and others who enjoy the rural lifestyle, as well as tradesmen and small businesses. By focusing our product assortment on these core customers, we believe we are differentiated from general merchandise, home center and other specialty retailers. We cater to the rural lifestyle and often serve a market by being a trip consolidator for many basic maintenance needs for farm, ranch and rural customers.

## Customers

Our target customers are home, land, pet and livestock owners who generally have above average income and below average cost of living. We seek to serve a customer base that primarily lives in towns outlying major metropolitan markets and in rural communities. This customer base includes recreational farmers and ranchers and others who enjoy the rural lifestyle, as well as tradesmen and small businesses.

## Customer Service

We are committed to providing our customers reliable product availability and a high level of in-store service through our motivated, well-trained store team members. We believe the ability of our store team members to provide friendly, responsive and seasoned advice helps our customers find the right products to satisfy their everyday needs as well as the specialty items needed to complete their rural lifestyle projects. We also engage with our customers through an e-commerce website (TractorSupply.com), which provides the opportunity to allow customers to shop at a time and place that fits their schedule while delivering enhanced product information, research and decision tools that support product selection and informational needs in specific subject areas. Additionally, we maintain a customer solutions center at our Store Support Center located in Brentwood, Tennessee to support our in-store and online customers as well as our store team members. We believe this commitment to customer service promotes strong customer loyalty and repeat shopping.

We use a third party provider to measure our level of customer service. This process allows customers to provide feedback on their shopping experience. Based on the third party provider's data, we believe our customer satisfaction scores to be among the best-in-class. We carefully evaluate the feedback we receive from our customers and implement improvements at the individual store level based on that feedback.

## Store Personnel and Training

We seek to hire store team members with farming and ranching backgrounds, with particular emphasis on general maintenance, equine and welding. We endeavor to staff our stores with courteous, highly motivated team members and devote considerable resources to training store team members, often in cooperation with our vendors. Our training programs include:

- a thorough on-boarding process to prepare new team members for their new role;
- new store opening training that prepares new store managers to open stores to Company standards;
- a management training program which covers all aspects of our store operations, delivering superior service and managing the team member experience;
- structured training on customer service and selling skills;
- online product knowledge training produced in conjunction with key vendors;
- leadership development programs that prepare leaders to expand their current contributions; and
- an annual store manager meeting with vendor product presentations.


## Store Environment

Our stores are designed and managed to make shopping an enjoyable experience and to maximize sales and operating efficiencies. Stores are strategically arranged to provide an open environment for optimal product placement and visual display. In addition, these layouts allow for departmental space to be easily re-allocated and visual displays to be changed for seasonal products and promotions. Display and product placement information is routinely sent to stores to ensure quality and uniformity among the stores. Informative signs are located in key product categories to assist customers with purchasing decisions and merchandise location. These signs provide customers with a comparison of product qualities, clear pricing, useful information regarding product benefits, and suggestions for appropriate accessories. Our store layouts and visual displays are designed to provide our customers a feeling of familiarity and enhance the shopping experience. Also, our store team members wear highly visible red vests, aprons or smocks with nametags, and our customer service and checkout counters are conveniently located near the front of the store.

## Merchandising and Purchasing

We offer an extensive assortment of products for those seeking to enjoy the Out Here lifestyle, as well as tradesmen and small businesses. Our product assortment is tailored to meet the needs of our customers in various geographic markets. Our full line of product offerings includes a broad selection of high quality, reputable brand name and exclusive brand products and is supported by a strong in-stock inventory position with an average of 16,000 to 20,000 products per store. No one product accounted for more than $10 \%$ of our sales during 2016. Our comprehensive selection of merchandise is comprised of the following major product categories:

- Equine, livestock, pet and small animal products, including items necessary for their health, care, growth and containment;
- Hardware, truck, towing and tool products;
- Seasonal products, including heating, lawn and garden items, power equipment, gifts and toys;
- Work/recreational clothing and footwear; and
- Maintenance products for agricultural and rural use.

The following chart indicates the percentage of net sales represented by each of our major product categories during fiscal 2016, 2015 and 2014:

| Product Category: | Percent of Net Sales |  |  |
| :---: | :---: | :---: | :---: |
|  | 2016 | 2015 | 2014 |
| Livestock and Pet | 46\% | 44\% | 44\% |
| Hardware, Tools, Truck and Towing | 22 | 23 | 22 |
| Seasonal, Gift and Toy Products | 19 | 20 | 20 |
| Clothing and Footwear | 8 | 8 | 9 |
| Agriculture | 5 | 5 | 5 |
| Total | 100\% | 100\% | 100\% |

Our buying team continuously reviews and updates our product assortment to respond to customer needs and to offer new, relevant products. We are focused on providing key products that our customers use on a regular basis for their lifestyle and maintenance needs with emphasis on consumable, usable, and edible ("C.U.E.") products. Examples of C.U.E. product categories include, but are not limited to, livestock feed and bedding, pet food, lubricants, and various seasonal products, such as heating, pest control and twine.

Our products are sourced through both domestic and international vendors. Our business is not dependent upon any one vendor or particular group of vendors. We purchase our products from a group of approximately 850 vendors, with no one vendor representing more than $10 \%$ of our purchases during fiscal 2016. Approximately 300 core vendors accounted for $90 \%$ of our merchandise purchases during fiscal 2016. We have not experienced any significant difficulty in obtaining satisfactory alternative sources of supply for our products, and we believe that adequate sources of supply exist at substantially similar costs for nearly all of our products. We have no material long-term contractual commitments with any of our product vendors.

Our buying teams focus on merchandise procurement, vendor line reviews and testing of new products and programs. We also employ a dedicated inventory management team that focuses exclusively on forecasting and inventory replenishment, a committed merchandise planning team that concentrates on assortment planning and a specialized pricing team that seeks to optimize marketspecific pricing for our products. Through the combined efforts of these teams, we continue to focus on improving our overall inventory productivity and in-stock position.

## Intellectual Property

Our subsidiary, Tractor Supply Co. of Texas, LP ("TSCT"), owns registrations with the United States Patent and Trademark Office ("USPTO") for various service marks including TSC ${ }^{\circledR}$, Tractor Supply Co. ${ }^{\circledR}$, TSC Tractor Supply Co. ${ }^{\circledR}$ and the trapezium design for retail store services. We consider these service marks, and the accompanying goodwill and name recognition, to be valuable assets of our business. TSCT also owns several other service marks for retail services, some of which have been registered with the USPTO and some of which are the subject of applications for registration pending before the USPTO.

In addition to selling products that bear nationally-known manufacturer brands, we also sell products manufactured for us under a number of exclusive brands that we consider to be important to our business. These exclusive brands are manufactured for us by a number of vendors and provide an alternative to the national brands, which helps provide value for our customers and positions us as a destination store.

Our exclusive brands represented approximately $32 \%$ of our total sales in fiscal 2016 and approximately $31 \%$ of our total sales in fiscal 2015 and fiscal 2014. Our exclusive brands include:

- 4health ${ }^{\circledR}$ (pet foods and supplies)
- Bit \& Bridle ${ }^{\circledR}$ (apparel and footwear)
- Blue Mountain ${ }^{\circledR}$ (apparel)
- C.E. Schmidt ${ }^{\circledR}$ (apparel and footwear)
- Countyline ${ }^{\circledR}$ (livestock, farm and ranch equipment)
- Dumor ${ }^{\circledR}$ (livestock and horse feed and supplies)
- Equistages ${ }^{\circledR}$ (horse feed)
- Groundwork ${ }^{\circledR}$ (lawn and garden supplies)
- Huskee ${ }^{\circledR}$ (outdoor power equipment)
- JobSmart ${ }^{\circledR}$ (tools)
- Paws \& Claws ${ }^{\circledR}$ (pet foods and supplies)
- Producer's Pride ${ }^{\circledR}$ (livestock and horse feed and supplies)
- Red Shed ${ }^{\circledR}$ (gifts, collectibles, and outdoor furniture)
- Redstone ${ }^{\circledR}$ (heating products)
- Retriever ${ }^{\circledR}$ (pet foods and supplies)
- Royal Wing ${ }^{\circledR}$ (bird feed and supplies)
- Traveller ${ }^{\circledR}$ (truck and automotive products)
- TSC Tractor Supply Co ${ }^{\circledR}$ (trailers, truck tool boxes and animal bedding)

The exclusive brands identified above have been registered as trademarks with the USPTO for certain products and are the subject of applications for registration pending before the USPTO for other products.

Our trademark and service mark registrations have various expiration dates; however, provided that we continue to use the marks and renew the registrations in a timely manner, the registrations are potentially perpetual in duration.

We believe our intellectual property, which includes the trademarks and service marks identified above, together with certain trade names, domain names, patents and copyrights, has significant value and is an important component of our merchandising and marketing strategies.

## Distribution

We currently operate a distribution network for supplying stores with merchandise and delivering product ordered through TractorSupply.com. In fiscal 2016, our Tractor Supply stores received approximately $75 \%$ of merchandise through this network while the remaining merchandise shipped directly to the stores from our vendors. We believe this flow facilitates the prompt and efficient distribution of merchandise in order to enhance in-stocks, minimize freight costs and improve the inventory turn rate. Our distribution facilities, located in Arizona, Georgia, Indiana, Kentucky, Maryland, Nebraska, Texas, and Washington, represent total distribution capacity of 5.0 million square feet. In fiscal 2017, we plan to begin construction on a new northeast distribution
center as well as an expansion of our existing distribution center in Waverly, Nebraska which will provide additional distribution capacity once construction is completed.

We select the locations of our distribution facilities in an effort to minimize logistics costs and optimize the distance from distribution facilities to our stores. Our distribution centers utilize warehouse and labor management tools that support the planning, control and processing of inventory. We manage our inbound and outbound transportation activity in-house through the use of a transportation management system. We utilize multiple common carriers for store and direct to customer deliveries. We manage our transportation costs through carrier negotiations, the monitoring of transportation routes, and the scheduling of deliveries.

## Marketing

We utilize an "everyday value price" philosophy to consistently offer our products at competitive prices complemented by strategically planned promotions throughout the year. To drive store traffic and position ourselves as a destination store, we promote broad selections of merchandise with newspaper circulars, customer targeted direct mail and e-mail, as well as digital and social media offerings. Vendors frequently support these specific programs by offering temporary cost reductions and honoring coupons. Our vendors also provide assistance with product presentation and fixture design, brochures, support for in-store events, and point-of-purchase materials for customer education and product knowledge for our team members.

## Omni-Channel

We communicate with our customers across multiple touch points including our stores, e-commerce website (TractorSupply.com), e-mail, social media, direct mail and our customer call center. Our goal is to be available at any time and in any way our customers choose to engage with our brand. Connecting with consumers online provides the opportunity for customers to shop at a time and place that fits their schedule while delivering enhanced product information, research and decision tools that support product selection and informational needs in specific subject areas. We give our customers the ability to purchase products and have them shipped to one of our retail stores, their homes or offices. In 2016, we also began offering in certain stores an option to buy online and pick up in store. We believe our e-commerce capabilities further enhance customer service and extend our market to areas where our retail stores are not currently located. We maintain a fulfillment center within our Franklin, Kentucky distribution center to support our e-commerce activities. Additionally in 2016, we continued to invest in our omni-channel platform through expanded capabilities related to fulfillment options, product information and site research. We are focused on delivering an enhanced mobile and tablet experience, improving the site response time and expanding our product offerings for vendor direct to customer shipments.

## Petsense

On September 29, 2016, we acquired Petsense, a small-box pet specialty supply retailer focused on meeting the needs of pet owners, primarily in small and mid-sized communities, and offering a variety of pet products and services. At December 31, 2016, we operated 143 Petsense stores in 26 states. The Petsense name is registered with the USPTO. Our two HomeTown Pet stores were converted to Petsense stores in fiscal 2017.

## Management and Team Members

As of December 31, 2016, we employed approximately 13,000 full-time and 13,000 part-time team members. We also employ additional part-time team members during peak periods. We are not party to any collective bargaining agreements.

At the end of fiscal 2016, our store operations were organized into eleven regions. Each region is led by a regional director or vice president, and the region is further organized into districts, each of which is led by a district manager. We have two internal advisory boards, one comprised of store managers and the other comprised of district managers. These groups bring a grassroots perspective to operational initiatives and generate chain-wide endorsement of proposed best-practice solutions.

All of our team members participate in one of various bonus incentive programs, which provide the opportunity to receive additional compensation based upon team and/or Company performance. In addition to bonus incentive programs, we provide our eligible team members the opportunity to participate in an employee stock purchase plan and a $401(\mathrm{k})$ retirement savings plan. We also share in the cost of health insurance provided to eligible team members, and team members receive a discount on merchandise purchased from the Company.

We encourage a promote-from-within environment when internal resources permit. We also provide internal leadership development programs designed to prepare our high-potential team members for greater responsibility. Our current team of district managers and store managers have an average tenure of approximately six years. Management believes internal promotions, coupled with the hiring of individuals with previous retail experience, will provide the management structure necessary to support our planned growth.

## Continuous Improvement

We are committed to a continuous improvement program called Tractor Value System ("TVS"), which is our catalyst to drive change throughout our organization. TVS is a business management system that emphasizes, through data analytics and team member engagement, a focus on continuous improvement. Through TVS, we examine business processes and identify opportunities to reduce costs, drive innovation, and improve effectiveness. We have implemented numerous continuous improvement projects (with team members from multiple areas of our business) to evaluate key operations and implement process changes. Team members are empowered and expected to challenge current paradigms and improve processes. Our management encourages the participation of all team members in decision-making, regularly solicits input and suggestions from our team members and incorporates suggestions into our improvement activities.

## Management Information and Control Systems

We have invested considerable resources in our management information and control systems to support superior customer service, manage the purchase, pricing and distribution of our merchandise, improve our operating efficiencies and support online operations. Our key management information and control systems include a point-of-sale system, an e-commerce platform, a supply chain management and replenishment system, a transportation management system, warehouse and labor management tools, a price optimization system, a vendor purchase order control system and a merchandise presentation system. These systems are integrated through an enterprise resource planning ("ERP") system. This ERP system tracks merchandise from initial order through ultimate sale and interfaces with our financial systems.

We continue to evaluate and improve the functionality of our systems to maximize their effectiveness. Such efforts include ongoing hardware and software evaluations, refreshes and upgrades to support optimal software configurations and application performance. We plan to continue to invest in information technology and implement efficiency-driving system enhancements. We continue to strengthen the security of our information systems and invest in technology to support store, distribution facility and omni-channel expansion. These efforts are directed toward improving business processes, maintaining secure, efficient and stable systems, and enabling the continued growth and success of our business.

## Growth Strategy

Our current and long-term growth strategy is to: (1) expand domestic geographic market presence through opening new retail stores, (2) enhance financial performance through comparable store sales growth achieved through targeted merchandising and marketing programs with an "everyday value price" philosophy supported by strong customer service, (3) enhance product margin through strategic product sourcing, inventory and markdown management, a strong exclusive brand offering, and optimization of product pricing and transportation costs, (4) leverage operating costs by focusing on opportunities for continuous improvement and elimination of waste in all of our processes, (5) expand market opportunities via omni-channel enhancements, tying together our website product content, social media, digital and online shopping experience, and (6) expand through selective acquisitions, as such opportunities arise, to add complementary businesses and to enhance penetration into new and existing markets to supplement organic growth.

Over the past five years, we have experienced considerable sales growth, resulting in a compounded annual growth rate of approximately $9.9 \%$. We plan to open approximately 100 new Tractor Supply and 25 to 30 new Petsense stores in fiscal 2017, a selling square footage increase of approximately $6.6 \%$. In fiscal 2016, we opened 113 new Tractor Supply stores and began operating 143 Petsense stores as compared to 114 new Tractor Supply stores in fiscal 2015. This represents a selling square footage increase of approximately $10.8 \%$ during fiscal 2016 and $8.0 \%$ during fiscal 2015.

At December 31, 2016, we operated 1,738 retail stores in 49 states (1,595 Tractor Supply and Del's retail stores and 143 Petsense retail stores). Given the size of the communities that we target, we believe that there is ample opportunity for new store growth in many existing and new markets. We have developed a proven method for selecting store sites and have identified approximately 900 additional markets for new Tractor Supply stores. We also believe that there is opportunity for up to 1,000 Petsense stores. Approximately $54 \%$ of our Tractor Supply stores are in freestanding buildings and $46 \%$ are located in strip shopping centers. We lease approximately $94 \%$ of our stores and own the remaining $6 \%$.

## Competition

We operate in a competitive retail industry. The principal competitive factors include location of stores, fulfillment options, price, quality of merchandise, in-stock consistency, merchandise assortment and presentation, product knowledge and customer service. We compete with general merchandise retailers, home center retailers, specialty and discount retailers, independently owned retail farm and ranch stores, numerous privately-held regional farm store chains and farm cooperatives, as well as internet-based retailers. However, we believe we successfully differentiate ourselves from many of these retailers by focusing on our specialized
market niche for customers living the rural lifestyle. See further discussion of competition in 1A, "Risk Factors" of this Annual Report on Form 10-K.

## Seasonality and Weather

Our business is seasonal. Historically, our sales and profits are the highest in the second and fourth fiscal quarters due to the sale of seasonal products. We experience our highest inventory and accounts payable balances during our first fiscal quarter for purchases of seasonal products to support the higher sales volume of the spring selling season and again during our third fiscal quarter to support the higher sales volume of the cold-weather selling season.

Historically, weather conditions, including unseasonably warm weather in the fall and winter months and unseasonably cool weather in the spring and summer months, have affected the timing and volume of our sales and results of operations. In addition, extreme weather conditions, including snow and ice storms, flood and wind damage, hurricanes, tornadoes, heavy rain and droughts, have impacted operating results both negatively and positively, depending on the severity and length of these conditions. Our strategy is to manage product flow and adjust merchandise assortments and depth of inventory to capitalize on seasonal demand trends.

## Stewardship and Compliance with Environmental Matters

Our operations are subject to numerous federal, state and local laws and regulations, enacted or adopted, regulating the discharge of materials into the environment or otherwise relating to the protection of the environment. We are committed to complying with all applicable environmental laws and regulations. We are also committed to becoming a more environmentally sustainable company. This commitment is demonstrated through our Stewardship Program, which is our environmental sustainability program. Through this program, the Company has implemented a number of initiatives designed to reduce our impact on the environment. These initiatives include the installation of energy management systems, LED lighting, high efficiency heating/air conditioning systems in our stores, and recycling programs in our stores, distribution facilities and the Store Support Center. Our Store Support Center, opened in 2014, and our distribution center in Casa Grande, Arizona, opened in 2015, were each awarded LEED (Leadership in Energy and Environmental Design) Silver certification for environmentally sustainable design, construction and operation. We also installed solar arrays at the Store Support Center in Brentwood, Tennessee and our store in Hendersonville, Tennessee.

## Executive Officers of the Registrant

Pursuant to General Instruction G(3) of Form 10-K, the following list is included in Part I of this Report in lieu of being included in the Proxy Statement for the Annual Meeting of Stockholders to be held on May 9, 2017.

The following is a list of the names and ages of all executive officers of the registrant, indicating all positions and offices with the registrant held by each such person and each person's principal occupations and employment during at least the past five years:

| Name | Position | Age |
| :--- | :--- | :---: |
| Gregory A. Sandfort | Chief Executive Officer | 61 |
| Steve K. Barbarick | President - Chief Merchandising Officer | 49 |
| Anthony F. Crudele | Executive Vice President - Chief Financial Officer and Treasurer | 60 |
| Benjamin F. Parrish, Jr. | Executive Vice President - General Counsel and Corporate Secretary | 60 |
| Chad M. Frazell | Senior Vice President - Human Resources | 44 |
| Robert D. Mills | Senior Vice President - Chief Information Officer | 44 |

Gregory A. Sandfort has served as Chief Executive Officer since December 2012. He served as President and Chief Executive Officer of the Company from December 2012 to May 2016. Prior to that time, he served as President and Chief Operating Officer of the Company since February 2012. Mr. Sandfort previously served as President and Chief Merchandising Officer of the Company since February 2009, after having served as Executive Vice President - Chief Merchandising Officer of the Company since November 2007. Mr. Sandfort served as President and Chief Operating Officer at Michaels Stores, Inc. from March 2006 to August 2007 and as Executive Vice President - General Merchandise Manager at Michaels Stores, Inc. from January 2004 to February 2006. Mr. Sandfort has served as a director of the Company since February 2013.

Steve K. Barbarick has served as President and Chief Merchandising Officer since May 2016, prior to which he served as Executive Vice President - Chief Merchandising Officer for the Company since September 2012. Prior to that time, he served as Senior Vice President - Merchandising since February 2011. Mr. Barbarick previously served as Vice President - Merchandising since June 2009, after having served as Vice President and Divisional Merchandise Manager since 2003.

Anthony F. Crudele has served as Executive Vice President - Chief Financial Officer and Treasurer since January 2007, after having served as Senior Vice President - Chief Financial Officer and Treasurer of the Company since November 2005. Mr. Crudele previously served as Chief Financial Officer at Gibson Guitar from August 2003 to September 2005 and as Chief Financial Officer of Xcelerate Corp. from January 2000 to January 2003. He held roles at The Sports Authority from 1989 through 1999 (serving as Chief Financial Officer from 1996 through 1999).

Benjamin F. Parrish, Jr. has served as Executive Vice President - General Counsel and Corporate Secretary of the Company since February 2016, after having served as Senior Vice President - General Counsel and Corporate Secretary of the Company since October 2010. Mr. Parrish previously served as Executive Vice President and General Counsel of MV Transportation, Inc. from September 2008 until he joined the Company. He served as Senior Vice President and General Counsel of Central Parking Corporation from 1998 to 2008.

Chad M. Frazell has served as Senior Vice President - Human Resources since August 2014. Mr. Frazell previously served as Senior Vice President, Human Resources for Shopko Stores Operating Co., LLC from April 2011 until he joined the Company. From 2008 to 2011, Mr. Frazell served as Vice President, Human Resources for Kohl's Corporation, where he began as a store manager in 1999. Prior to 1999, Mr. Frazell served as a store manager and assistant manager for Target Corporation. He began his career with Wal-Mart Stores, Inc., where he served as an assistant manager and sales associate.

Robert D. Mills has served as Senior Vice President - Chief Information Officer since February 2014. Mr. Mills previously served as Chief Information Officer for Ulta Beauty from October 2011 until he joined the Company. From 2005 to 2011, Mr. Mills was Vice President, Chief Information Officer for the online business unit at Sears Holdings Corporation where he began as an Information Technology Customer Relationship Leader in 2001. Prior to 2001, Mr. Mills held roles at Allstate Insurance, Rockwell International Telecommunications Division, and Household Finance Corporation.

## Additional Information

We file reports with the Securities and Exchange Commission ("SEC"), including Annual Reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form $8-\mathrm{K}$ and other reports as required. The public may read and copy any materials the Company files with the SEC at the SEC's Public Reference Room at 100 F Street, NE, Washington, DC 20549. The public may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. We are an electronic filer and the SEC maintains an Internet site at sec.gov that contains the reports, proxy and information statements, and other information filed electronically.

We make available, free of charge through our Internet website, TractorSupply.com, our Annual Report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form $8-\mathrm{K}$ and all amendments to those reports as soon as reasonably practicable after such material is electronically filed with or furnished to the SEC. The information provided on our website is not part of this report, and is therefore not incorporated by reference unless such information is otherwise specifically referenced elsewhere in this report.

## Item 1A. Risk Factors

Our business faces many risks. Those risks of which we are currently aware and deem to be material are described below. If any of the events or circumstances described in the following risk factors occur, our business, financial condition or results of operations may significantly suffer, and the trading price of our common stock could decline. These risk factors should be read in conjunction with the other information in this Form 10-K.

## General economic conditions may adversely affect our financial performance.

Our results of operations may be sensitive to changes in overall economic conditions that impact consumer spending, including discretionary spending. A weakening of economic conditions affecting disposable consumer income such as lower employment levels, uncertainty or changes in business or political conditions, higher interest rates, higher tax rates, higher fuel and energy costs, higher labor and healthcare costs, the impact of natural disasters or acts of terrorism, and other matters could reduce consumer spending or cause consumers to shift their spending to competitors. A general reduction in the level of discretionary spending, shifts in consumer discretionary spending to our competitors or shifts in discretionary spending to less profitable products sold by us could result in lower net sales, slower inventory turnover, greater markdowns on inventory, and a reduction in profitability due to lower margins.

Failure to protect our reputation could have a material adverse effect on our brand name.
Our success depends in part on the value and strength of the Tractor Supply name. The Tractor Supply name is integral to our business as well as to the implementation of our strategies for expanding our business. Maintaining, promoting, and positioning our brand will depend largely on the success of our marketing and merchandising efforts and our ability to provide high quality merchandise and a consistent, high quality customer experience. Our brand could be adversely affected if we fail to achieve these objectives or if our public image or reputation were to be tarnished by negative publicity. Failure to comply or accusation of failure to comply with ethical, social, product, labor, data privacy, and environmental standards could also jeopardize our reputation and potentially lead to various adverse consumer actions. Any of these events could result in decreased revenue or otherwise adversely affect our business.

## We may be unable to increase sales at our existing stores.

We experience fluctuations in our comparable store sales, defined as sales in stores which have been open for at least twelve months. Various factors affect comparable store sales, including the general retail sales environment, our ability to efficiently source and distribute products, changes in our merchandise assortment, competition, proximity of our locations to one another or to the locations of other retailers, increased presence of online retailers, current economic conditions, customer satisfaction with our products, the timing of promotional events, the release of new merchandise, the success of marketing programs and weather conditions. These factors may cause our comparable store sales results to differ materially from prior periods and from expectations. Past comparable store sales are not an indication of future results, and there can be no assurance that our comparable store sales will not decrease in the future.

## Purchase price volatility, including inflationary and deflationary pressures, may adversely affect our financial performance.

Although we cannot determine the full effect of inflation and deflation on our operations, we believe our sales and results of operations are affected by both. We are subject to market risk with respect to the pricing of certain products and services, which include, among other items, grain, corn, steel, petroleum, cotton and other commodities as well as transportation services. Therefore, we may experience both inflationary and deflationary pressure on product cost, which may impact consumer demand and, as a result, sales and gross margin. Our strategy is to reduce or mitigate the effects of purchase price volatility principally by taking advantage of vendor incentive programs, economies of scale from increased volume of purchases, adjusting retail prices and selectively buying from the most competitive vendors while maintaining product quality. Should our strategy to mitigate purchase price volatility not be effective, our financial performance could be adversely impacted.

## Weather conditions may have a significant impact on our financial results.

Weather conditions affect the demand for, and in some cases the supply of, products, which in turn has an impact on prices. Historically, weather conditions, including unseasonably warm weather in the fall and winter months and unseasonably cool weather in the spring and summer months, have affected the timing and volume of our sales and results of operations. In addition, extreme weather conditions, including snow and ice storms, flood and wind damage, hurricanes, tornadoes, extreme rain and droughts, have impacted operating results. While extreme weather conditions can positively impact our operating results by increasing demand in affected locations for products needed to cope with the weather condition and its effects, they can also negatively affect our business depending on the severity and length of these conditions as a result of store closings or the inability of customers to shop at our stores due to weather conditions. Our strategy is to manage product flow and adjust merchandise assortments and depth of inventory to capitalize on seasonal demand trends. Should such a strategy not be effective, the weather may have a material adverse effect on our financial condition and results of operations.

## Our merchandising and marketing initiatives may not provide expected results.

We believe our past performance has been based on, and future success will depend upon, in part, the ability to develop and execute merchandising initiatives with effective marketing programs. These merchandising initiatives and marketing programs may not deliver expected results, and there is no assurance that we will correctly identify and respond in a timely manner to evolving trends and consumer preferences and expectations. If we misjudge the market or our marketing programs are not successful, we may overstock unpopular products and be forced to take inventory price reductions that have a material adverse effect on our profitability. Failure to execute and promote such initiatives in a timely manner could harm our ability to grow the business and could have a material adverse effect on our results of operations and financial condition. Shortages of key merchandise could also have a material adverse impact on operating results and financial condition.

## Capital required for growth may not be available

The construction or acquisition of new stores, store support center facilities, distribution facilities or other facilities, the remodeling and renovation of existing facilities and investments in information technology require significant amounts of capital. In the past, our growth has been funded through internally generated cash flow and bank borrowings. Disruptions in the capital and credit markets could adversely affect the ability of the banks to meet their commitments. Our access to funds under our senior credit facility (as discussed in Note 5 to the Consolidated Financial Statements) is dependent on the ability of the banks that are parties to the facility to meet their funding commitments. Those banks may not be able to meet their funding commitments to us if they experience shortages of capital and liquidity or if they experience excessive volumes of borrowing requests within a short period of time. In addition, tight lending practices may make it difficult for our real estate developers to obtain financing under acceptable loan terms and conditions. Unfavorable lending practices could impact the timing of our store openings and materially adversely affect our ability to open new stores in desirable locations.

Longer term disruptions in the capital and credit markets as a result of uncertainty, changing or increased regulation, reduced funding alternatives, or failures of significant financial institutions could adversely affect our access to liquidity needed for our business. Any disruption could require us to take measures to conserve cash until the markets stabilize or until alternative credit arrangements or other funding for our business needs can be arranged. Such measures could include deferring capital expenditures and reducing or eliminating future share repurchases, cash dividends or other discretionary uses of cash.

## Failure to open and manage new stores in the number and manner currently contemplated could adversely affect our financial

 performance.An integral part of our business strategy includes the expansion of our store base through new store openings. This expansion strategy is dependent on our ability to find suitable locations, and we face competition from many retailers for such sites. If we are unable to implement this strategy, our ability to increase our sales, profitability, and cash flow could be impaired significantly. To the extent that we are unable to open new stores in the manner we anticipate (due to, among other reasons, site approval or unforeseen delays in construction), our sales growth may be impeded.

As we execute this expansion strategy, we may also experience managerial or operational challenges which may prevent any expected increase in sales, profitability or cash flow. Our ability to manage our planned expansion depends on the adequacy of our existing information systems, the efficiency and expansion of our distribution systems, the adequacy of the hiring and training process for new personnel (especially store managers), the effectiveness of our controls and procedures, and the ability to identify customer demand and build market awareness in different geographic areas. There can be no assurance that we will be able to achieve our planned expansion, that the new stores will be effectively integrated into our existing operations or that such stores will be profitable.

Although we have a rigorous real estate site selection and approval process, there can be no assurance that our new store openings will be successful or result in incremental sales and profitability for the Company. New stores build their sales volumes and refine their merchandise selection over time and, as a result, generally have lower gross margins and higher operating expenses as a percentage of net sales than our more mature stores. As we continue to open new stores, there may be a negative impact on our results from a lower contribution margin of these new stores until their sales levels ramp to chain average, if at all, as well as from the impact of related pre-opening costs.

We may pursue strategic acquisitions and the failure of an acquisition to produce the anticipated results or the inability to fully integrate the acquired companies could have an adverse impact on our business.
We may, from time to time, acquire businesses we believe to be complementary to our business. The success of an acquisition is based on our ability to make accurate assumptions regarding the valuation, operations, growth potential, integration and other factors relating to the target business. Acquisitions may result in difficulties in assimilating acquired companies and may result in the diversion of our capital and our management's attention from other business issues and opportunities. We may not be able to successfully integrate operations that we acquire, including their personnel, financial systems, distribution, operations and general operating procedures. If we fail to successfully integrate acquisitions, we could experience increased costs associated with operating inefficiencies which could have an adverse effect on our financial results. Also, while we employ several different methodologies to assess potential business opportunities, the new businesses may not meet our expectations and, therefore, adversely affect our financial performance.

Competition may hinder our ability to execute our business strategy and adversely affect our operations.
We operate in the highly competitive retail merchandise sector with numerous competitors. These competitors include general merchandise retailers, home center retailers, specialty and discount retailers, independently owned retail farm and ranch stores, numerous privately-held regional farm store chains and farm cooperatives, as well as internet-based retailers. We compete for customers, merchandise, real estate locations, and employees. This competitive environment subjects us to various other risks, including the inability to continue our store and sales growth and to provide attractive merchandise to our customers at competitive prices that allow us to maintain our profitability. Our failure to compete effectively in this environment could adversely impact our financial performance.

## We face risks associated with vendors from whom our products are sourced.

The products we sell are sourced from a variety of domestic and international vendors. We have agreements with our vendors in which the vendors agree to comply with applicable laws, including labor and environmental laws, and to indemnify us against certain liabilities and costs. Our ability to recover liabilities and costs under these vendor agreements is dependent upon the financial condition and integrity of the vendors. We rely on long-term relationships with our suppliers but have no long-term contracts with such suppliers. Our future success will depend in large measure upon our ability to maintain our existing supplier relationships or to develop new ones. This reliance exposes us to the risk of inadequate and untimely supplies of various products due to political, economic, social, or environmental conditions, transportation delays, or changes in laws and regulations affecting distribution. Our vendors may be forced to reduce their production, shut down their operations or file for bankruptcy protection, which could make it difficult for us to serve the market's needs and could have a material adverse effect on our business.

We rely on foreign manufacturers for various products that we sell. In addition, many of our domestic suppliers purchase a portion of their products from foreign sources. As an importer, our business is subject to the risks generally associated with doing business internationally, such as domestic and foreign governmental regulations, economic disruptions, delays in shipments, transportation capacity and costs, currency exchange rates and changes in political or economic conditions in countries from which we purchase products. If any such factors were to render the conduct of business in particular countries undesirable or impractical or if additional United States quotas, duties, taxes or other charges or restrictions were imposed upon the importation of our products in the future, our financial condition and results of operations could be materially adversely affected.

The results of the November 2016 elections in the United States have introduced greater uncertainty with respect to tax and trade policies, tariffs and regulations affecting trade between the United States and other countries. We source a significant portion of our merchandise from manufacturers located outside the United States, primarily in Asia and Central America. Major developments in tax policy or trade relations, such as the disallowance of tax deductions for imported merchandise or the imposition of tariffs on imported products, could have a material adverse effect on our business, results of operations and liquidity.

We are subject to personal injury, workers' compensation, product liability and other claims in the ordinary course of business. Our business involves a risk of personal injury, workers' compensation, product liability and other claims in the ordinary course of business. Product liability claims from customers and product recalls for merchandise alleged to be defective or harmful could lead to the disposal or write-off of merchandise inventories, the incurrence of fines or penalties and damage to our reputation. We maintain general liability and workers' compensation insurance with a self-insured retention for each policy type and a deductible for each occurrence. We also maintain umbrella limits above the primary general liability and product liability coverage. In many cases, we have indemnification rights against the manufacturers of the products and their products liability insurance as well as the property owners of our leased buildings. Our ability to recover costs and damages under such insurance or indemnification arrangements is subject to the financial viability of the insurers, manufacturers and landlords and the specific allegations of a claim. No assurance can be given that our insurance coverage or the manufacturers' or landlords' indemnity will be available or sufficient in any claims brought against us.

## Our failure to attract and retain qualified team members could adversely affect our financial performance.

Our ability to continue expanding operations depends on our ability to attract and retain a large and growing number of qualified team members. Our ability to meet labor needs while controlling wage and related labor costs is subject to numerous external factors, including the availability of a sufficient number of qualified persons in the work force, unemployment levels, prevailing wage rates, changing demographics, health and other insurance costs and changes in employment legislation. If we are unable to locate, attract or retain qualified personnel, or if costs of labor or related costs increase significantly, our financial performance could be adversely affected.

Failure to maintain an effective system of internal control over financial reporting could materially impact our business and results. The Company's management is responsible for establishing and maintaining adequate internal control over financial reporting. An internal control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that
the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all internal control systems, internal control over financial reporting may not prevent or detect misstatements. Any failure to maintain an effective system of internal control over financial reporting could limit our ability to report our financial results accurately and timely or to detect and prevent fraud, and could expose us to litigation or adversely affect the market price of our common stock.

Any failure to maintain the security of the information relating to our business, customers, employees and vendors that we hold, whether as a result of cybersecurity attacks or otherwise, could damage our reputation with customers, employees and vendors, could cause us to incur substantial additional costs and to become subject to litigation, and could adversely affect our operating results, financial condition and liquidity.
We receive certain personal and other confidential information about our customers, employees and vendors. We also rely on business partners to provide services to us that may include important business information or data about our customers, employees and vendors. In addition, our online operations at TractorSupply.com depend upon the secure transmission of confidential information over public networks, including information permitting cashless payments. While we maintain substantial security measures to protect and to prevent unauthorized access to such information, it is possible that unauthorized parties (through cyberattacks, which are rapidly evolving and becoming increasingly sophisticated, or by other means) might compromise our security measures and obtain and misuse the personal information of customers, employees and vendors that we hold or other confidential Company data. It is possible that such a compromise could go undetected by us. Such an occurrence could materially adversely affect our reputation with our customers, employees, and vendors, as well as our operations, results of operations, financial condition and liquidity, and could result in significant legal and financial exposure beyond the scope or limits of insurance coverage. Moreover, a security breach could require that we expend significant additional resources to respond to the breach and could result in a disruption of our operations.

In addition, states and the federal government are increasingly enacting laws and regulations relating to data breaches and theft of employee and customer data. These laws will likely increase the costs of doing business and, if we fail to comply with these laws and regulations or to implement appropriate safeguards or to detect and provide prompt notice of unauthorized access as required by some of these new laws, we could be subject to potential claims for damages and other remedies, which could harm our business.

As customer-facing technology systems become an increasingly important part of our sales and marketing strategy, the failure of those systems to perform effectively and reliably could keep us from delivering positive customer experiences.
Through our continued information technology enhancements, we are able to provide an improved overall shopping environment and an omni-channel experience that empowers our customers to shop and interact with us from computers, tablets, smart phones and other mobile communication devices. We use our website both as a sales channel for our products and also as a method of providing product, project and other relevant information to our customers to drive both in-store and online sales. Omni-channel retailing is continually evolving and expanding, and we must effectively respond to changing customer expectations and new developments. Disruptions, failures or other performance issues with these customer-facing technology systems could impair the benefits that they provide to our online and in-store business and negatively affect our relationship with our customers.

If we are unable to maintain or upgrade our management information systems and software programs or if we are unable to convert to alternate systems in an efficient and timely manner, our operations may be disrupted or become less efficient and our strategic business initiatives may not be successful.
We depend on management information systems for many aspects of our business. We rely on certain software vendors to maintain and periodically upgrade many of these systems so that we can continue to support our business. We could be materially adversely affected if we experienced a disruption or data loss relating to our management information systems and are unable to recover timely. We could also be adversely impacted if we are unable to improve, upgrade, maintain and expand our management information systems, particularly in light of the contemplated continued store growth.

The success of our strategic business initiatives designed to increase our sales and improve margin is dependent in varying degrees on the timely delivery and the functionality of information technology systems to support them. Extended delays or cost overruns in securing, developing and otherwise implementing technology solutions to support the strategic business initiatives would delay and possibly even prevent us from realizing the projected benefits of those initiatives.

A significant disruption to our distribution network or to the timely receipt of inventory could adversely impact sales or increase our transportation costs, which would decrease our profits.
We rely on our distribution and transportation network to provide goods to our stores in a timely and cost-effective manner through deliveries to our distribution facilities from vendors and then from the distribution facilities or direct ship vendors to our stores by various means of transportation, including shipments by sea, air, rail and truck. Any disruption, unanticipated expense or operational
failure related to this process could affect store operations negatively. For example, unexpected delivery delays (including delays due to weather, fuel shortages or other reasons) or increases in transportation costs (including increased fuel costs or a decrease in transportation capacity for overseas shipments) could significantly decrease our ability to provide adequate product for sale, resulting in lower sales and profitability. In addition, labor shortages or work stoppages in the transportation industry or longterm disruptions to the national and international transportation infrastructure that lead to delays or interruptions of deliveries could negatively affect our business. Also, a fire, tornado, or other disaster at one of our distribution facilities could disrupt our timely receiving, processing and shipment of merchandise to our stores which could adversely affect our business.

The implementation of our supply chain initiatives could disrupt our operations in the near term, and these initiatives might not provide the anticipated benefits or might fail.
We maintain a network of distribution facilities and have plans to build new facilities to support our growth objectives. Delays in opening distribution facilities could adversely affect our future operations by slowing store growth, which may in turn reduce revenue growth. In addition, distribution-related construction or expansion projects entail risks which could cause delays and cost overruns, such as: shortages of materials; shortages of skilled labor or work stoppages; unforeseen construction, scheduling, engineering, environmental or geological problems; weather interference; fires or other casualty losses; and unanticipated cost increases. The completion date and ultimate cost of future projects could differ significantly from initial expectations due to construction-related or other reasons. We cannot guarantee that all projects will be completed on time or within established budgets.

We continue to make significant technology investments in our supply chain. These initiatives are designed to streamline our distribution process so that we can optimize the delivery of goods and services to our stores and distribution facilities in a timely manner and at a reasonable cost. The cost and potential problems and interruptions associated with the implementation of these initiatives, including those associated with managing third-party service providers and employing new web-based tools and services, could disrupt or reduce the efficiency of our operations in the near term. In addition, our improved supply chain technology might not provide the anticipated benefits, it might take longer than expected to realize the anticipated benefits, or the initiatives might fail altogether.

We cannot provide any guaranty of future dividend payments or that we will continue to repurchase our common stock pursuant to our stock repurchase program.
Although our Board of Directors has indicated an intention to pay future quarterly cash dividends on our common stock, any determination to pay or increase cash dividends on our common stock in the future will be based primarily upon our financial condition, results of operations, business requirements, and our Board of Directors' continuing determination that the declaration of dividends is in the best interests of our stockholders and is in compliance with all laws and agreements applicable to the dividend. Furthermore, although our Board of Directors has authorized a share repurchase program of up to $\$ 3$ billion through December 2020, we may discontinue this program at any time.

The market price for our common stock might be volatile and could result in a decline in value.
The price at which our common stock trades may be volatile and could be subject to significant fluctuations in response to our operating results, general trends and prospects for the retail industry, announcements by our competitors, analyst recommendations, our ability to meet or exceed analysts' or investors' expectations, the condition of the financial markets and other factors. The Company's stock price is dependent in part on the multiple of earnings that investors are willing to pay. That multiple is in part dependent on investors' perception of the Company's future earnings growth prospects. If investor perceptions of the Company's earnings growth prospects change, the Company's earnings multiple may decline and its stock price could be adversely affected. In addition, the stock market in recent years has experienced extreme price and volume fluctuations that often have been unrelated or disproportionate to the operating performance of companies. These fluctuations, as well as general economic and market conditions, may adversely affect the market price of our common stock notwithstanding our actual operating performance.

Our costs of doing business could increase as a result of federal, state, local or foreign laws and regulations.
We are subject to numerous federal, state, local and foreign laws and governmental regulations including those relating to environmental protection, personal injury, intellectual property, consumer product safety, building, land use and zoning requirements, workplace regulations, wage and hour, privacy and information security and employment law matters. If we fail to comply with existing or future laws or regulations, or if these laws or regulations are violated by importers, manufacturers or distributors, we may be subject to governmental or judicial fines or sanctions, while incurring substantial legal fees and costs. In addition, our capital expenditures could increase due to remediation measures that may be required if we are found to be noncompliant with any existing or future laws or regulations.

We are also subject to the Foreign Corrupt Practices Act (the "FCPA"), which prohibits United States companies and their intermediaries from making improper payments to foreign officials for the purposes of obtaining or retaining business, and the anti-bribery laws of other jurisdictions. Failure to comply with the FCPA and similar laws could subject us to, among other things,
penalties and legal expenses that could harm our reputation and have a material adverse effect on our business, financial condition and results of operations.

Potential noncompliance with environmental regulations could materially impact our results of operations or financial condition. Our business is subject to various federal, state and local laws, regulations and other requirements pertaining to protection of the environment and public health, including, for example, regulations governing the management of waste materials and waste waters. Governmental agencies on the federal, state and local levels have, in recent years, increasingly focused on the retail sector's compliance with such laws and regulations, and have at times pursued enforcement activities. We periodically receive information requests and notices of potential noncompliance with environmental laws and regulations from governmental agencies, which are addressed on a case-by-case basis with the relevant agency. Any of these events could have a material adverse effect on our results of operations or financial condition.

Effective tax rate changes and results of examinations by taxing authorities could materially impact our results.
Our future effective tax rates could be adversely affected by legislative tax reform, changes in statutory rates or changes in tax laws, or interpretations thereof. Additionally, our future effective tax rates could be adversely affected by the earnings mix being lower than historical results in states where we have lower statutory rates and higher than historical results in states where we have higher statutory rates or by changes in the measurement of our deferred tax assets and liabilities.

We are subject to periodic audits and examinations by the Internal Revenue Service ("IRS"), as well as state and local taxing authorities. Like many retailers, a portion of our sales are to tax-exempt customers. The business activities of our customers and the intended use of the unique products sold by us create a challenging and complex compliance environment. These circumstances create risk that we could be challenged as to the propriety of our sales tax compliance. Our results could be materially impacted by the determinations and expenses related to these and other proceedings by the IRS and other state and local taxing authorities.

## Item 1B. Unresolved Staff Comments

None.

## Item 2. Properties

At December 31, 2016, the Company operated 1,738 stores in 49 states. The Company leases approximately $94 \%$ of its stores, two distribution sites, its Merchandising Innovation Center (planogram) located in Nashville, Tennessee, as well as the Petsense corporate headquarters located in Scottsdale, Arizona. Store leases typically have initial terms of 10 to 15 years, with two to four renewal periods of five years each, exercisable at our option. No single lease is material to Company operations.

The following is a count of store locations by state:

| State | Number of Stores | State | Number of Stores |
| :---: | :---: | :---: | :---: |
| Texas | 196 | New Hampshire | 21 |
| Pennsylvania | 89 | Kansas | 20 |
| North Carolina | 89 | Maine | 19 |
| Ohio | 87 | Colorado | 19 |
| Tennessee | 87 | Massachusetts | 19 |
| Michigan | 81 | Wisconsin | 17 |
| Georgia | 79 | Connecticut | 17 |
| New York | 76 | Nebraska | 15 |
| Kentucky | 63 | Utah | 15 |
| Florida | 58 | Illinois | 14 |
| Virginia | 54 | New Jersey | 13 |
| Indiana | 54 | North Dakota | 13 |
| Alabama | 52 | Minnesota | 10 |
| Oklahoma | 51 | Iowa | 9 |
| California | 50 | South Dakota | 7 |
| South Carolina | 42 | Vermont | 7 |
| Louisiana | 36 | Wyoming | 7 |
| Arkansas | 35 | Montana | 6 |
| Mississippi | 34 | Delaware | 5 |
| Arizona | 32 | Idaho | 4 |
| West Virginia | 27 | Oregon | 4 |
| New Mexico | 27 | Rhode Island | 4 |
| Missouri | 25 | Hawaii | 2 |
| Washington | 24 | Nevada | 2 |
| Maryland | 21 |  |  |
|  |  |  | 1,738 |

The following is a list of distribution locations including the approximate square footage and if the location is leased or owned:

| Distribution Facility Location | Approximate Square Footage | Owned/Leased Facility |
| :---: | :---: | :---: |
| Franklin, Kentucky | 833,000 | Owned |
| Pendleton, Indiana | 764,000 | Owned |
| Macon, Georgia | 684,000 | Owned |
| Waco, Texas | 666,000 | Owned |
| Casa Grande, Arizona | 650,000 | Owned |
| Hagerstown, Maryland ${ }^{(a)}$ | 482,000 | Owned |
| Hagerstown, Maryland ${ }^{(a)}$ | 309,000 | Leased |
| Waverly, Nebraska | 422,000 | Owned |
| Seguin, Texas ${ }^{(b)}$ | 71,000 | Owned |
| Lakewood, Washington | 64,000 | Leased |
| Longview, Texas ${ }^{(b)}$ | 63,000 | Owned |

${ }^{(a)}$ The leased facility in Hagerstown is treated as an extension of the existing owned Hagerstown location and is not considered a separate distribution center.
${ }^{(b)}$ This is a mixing center designed to process certain high-volume bulk products.

The Company's Store Support Center occupies approximately 260,000 square feet of owned building space in Brentwood, Tennessee, and the Company's Merchandising Innovation Center occupies approximately 32,000 square feet of leased building space in Nashville, Tennessee.

In fiscal 2017, we plan to begin construction on a new northeast distribution center, as well as an expansion of our existing distribution center in Waverly, Nebraska, which will provide additional distribution capacity once construction is completed.

## Item 3. Legal Proceedings

Item 103 of SEC Regulation S-K requires disclosure of certain environmental legal proceedings if the proceeding reasonably involves potential monetary sanctions of $\$ 100,000$ or more. We periodically receive information requests and notices of potential noncompliance with environmental laws and regulations from governmental agencies, which are addressed on a case-by-case basis with the relevant agency. The Company has received a subpoena from the District Attorney of Yolo County, California, requesting records and information regarding its hazardous waste management and disposal practices in California. The Company is currently working with Yolo County and other district attorneys in California to resolve alleged instances of noncompliance with applicable regulations. The matter is still ongoing and the ultimate outcome cannot be determined at this time; however, the Company does not expect the resolution of this matter to have a material adverse effect on its consolidated financial position, results of operations or cash flows.

The Company is also involved in various litigation matters arising in the ordinary course of business. The Company believes that any estimated loss related to such matters has been adequately provided for in accrued liabilities to the extent probable and reasonably estimable. Accordingly, the Company currently expects these matters will be resolved without material adverse effect on its consolidated financial position, results of operations or cash flows.

## Item 4. Mine Safety Disclosures

Not applicable.

## PART II

## Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

Tractor Supply Company’s common stock trades on The Nasdaq Global Select Market under the symbol "TSCO".
The table below sets forth the high and low sales prices of our common stock as reported by The Nasdaq Global Select Market for each fiscal quarter of the periods indicated:

|  | Price Range |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2016 |  | 2015 |  |
|  | High | Low | High | Low |
| First Quarter | \$90.76 | \$78.05 | \$90.49 | \$74.52 |
| Second Quarter | \$97.25 | \$86.44 | \$93.99 | \$83.70 |
| Third Quarter | \$95.39 | \$66.77 | \$96.28 | \$75.00 |
| Fourth Quarter | \$78.17 | \$61.50 | \$94.00 | \$80.06 |

As of February 3, 2017, the number of record holders of our common stock was 607 (excluding individual participants in nominee security position listings), and the estimated number of beneficial holders of our common stock was 115,000 .

## Common Stock Dividends

During 2016 and 2015, the Board of Directors declared the following cash dividends:
$\left.\begin{array}{cccc}\hline \text { Date Declared } & \begin{array}{c}\text { Dividend } \\ \text { Amount } \\ \text { Per Share }\end{array} & & \\ & \$ 0.24 & & \text { Stockholders of Record Date }\end{array}\right)$

It is the present intention of the Board of Directors to continue to pay a quarterly cash dividend; however, the declaration and payment of future dividends will be determined by the Board of Directors in its sole discretion and will depend upon the earnings, financial condition and capital needs of the Company, as well as other factors which the Board of Directors deem relevant.

On February 8, 2017, our Board of Directors declared a quarterly cash dividend of $\$ 0.24$ per share of the Company's common stock. The dividend will be paid on March 14, 2017, to stockholders of record as of the close of business on February 27, 2017.

## Issuer Purchases of Equity Securities

The Company's Board of Directors has authorized common stock repurchases under a share repurchase program. On October 31, 2016, the Board of Directors authorized a $\$ 1$ billion increase to the existing share repurchase program, bringing the total amount authorized to $\$ 3$ billion, exclusive of any fees, commissions, or other expenses related to such repurchases and extended the program through December 31, 2020. Additionally, the Company withholds shares from vested restricted stock units to satisfy employees' minimum statutory tax withholding requirements. Stock purchase activity during fiscal 2016 is set forth in the table below:

| Period | Total Number of Shares Purchased | Average Price Paid Per Share |  | Total Number of Shares Purchased as Part of Publicly Announced <br> Plans or Programs | Maximum Dollar <br> Value of Shares That <br> May Yet Be <br> Purchased <br> Under the <br> Plans or Programs |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| First Quarter ${ }^{(a)}$ | 1,194,323 | \$ | 83.68 | 1,184,087 | \$ | 471,601,257 |
| Second Quarter | 86,794 |  | 89.90 | 86,794 |  | 463,799,558 |
| Third Quarter | 1,409,652 |  | 77.17 | 1,409,652 |  | 355,034,384 |
|  |  |  |  |  |  |  |
| Fourth Quarter: |  |  |  |  |  |  |
| 9/25/16-10/22/16 | 1,200,000 |  | 67.41 | 1,200,000 |  | 274,166,426 |
| 10/23/16-11/19/16 ${ }^{(b)}$ | 377,136 |  | 64.92 | 377,136 |  | 1,249,687,202 |
| 11/20/16-12/31/16 | 140,000 |  | 76.05 | 140,000 |  | 1,239,042,973 |
|  | 1,717,136 |  | 67.56 | 1,717,136 |  | 1,239,042,973 |
|  |  |  |  |  |  |  |
| As of December 31, 2016 | 4,407,905 | \$ | 75.44 | 4,397,669 | \$ | 1,239,042,973 |

${ }^{(a)}$ The total number of shares purchased and average price paid per share include shares withheld from vested restricted stock units to satisfy employees' minimum statutory tax withholding requirements of 10,236 during the first quarter.
${ }^{(b)}$ The Board authorized a $\$ 1$ billion increase to its existing share repurchase program, bringing the total amount authorized to date under the program to $\$ 3$ billion. The program, established in February 2007, has been extended through December 31, 2020.

We expect to implement the balance of the repurchase program through purchases made from time to time either in the open market or through private transactions, in accordance with regulations of the SEC and other applicable legal requirements. The timing and amount of any common stock repurchased under the program will depend on a variety of factors, including price, corporate and regulatory requirements, capital availability, and other market conditions.

Any additional stock repurchase programs will be subject to the discretion of our Board of Directors and subject to our results of operations, financial condition, cash requirements and other factors deemed relevant by our Board of Directors. The program may be limited or terminated at any time, without prior notice.

## STOCK PERFORMANCE GRAPH

This performance graph shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act") or otherwise subject to the liabilities under that Section and shall not be deemed to be incorporated by reference into any filing of Tractor Supply Company under the Securities Act of 1933, as amended, or the Exchange Act.

The following graph compares the cumulative total stockholder return on our common stock from December 31, 2011 to December 31, 2016 (the Company's fiscal year-end), with the cumulative total returns of the S\&P 500 Index and the S\&P Retail Index over the same period. The comparison assumes that $\$ 100$ was invested on December 31, 2011 in our common stock and in each of the foregoing indices and in each case assumes reinvestment of dividends. The historical stock price performance shown on this graph is not indicative of future performance.


|  | 12/31/2011 |  | 12/29/2012 |  | 12/28/2013 |  | 12/27/2014 |  | 12/26/2015 |  | 12/31/2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tractor Supply Company | \$ | 100.00 | \$ | 126.76 | \$ | 222.22 | \$ | 233.15 | \$ | 260.81 | \$ | 236.19 |
| S\&P 500 | \$ | 100.00 | \$ | 114.07 | \$ | 152.98 | \$ | 177.08 | \$ | 178.44 | \$ | 198.18 |
| S\&P Retail Index | \$ | 100.00 | \$ | 123.80 | \$ | 182.90 | \$ | 203.34 | \$ | 256.45 | \$ | 271.66 |

## Item 6.

## Selected Financial Data

## FIVE YEAR SELECTED FINANCIALAND OPERATING HIGHLIGHTS ${ }^{(a)(b)}$

The following selected financial data is derived from the Consolidated Financial Statements of Tractor Supply Company and provides summary historical financial information for the fiscal periods ended and as of the dates indicated (in thousands, except per share amounts and selected operating and other data):

|  |  | $\begin{gathered} 2016 \\ \text { (53 weeks) } \end{gathered}$ |  | 2015 <br> (52 weeks) |  | $2014$ <br> (52 weeks) |  | $\begin{gathered} 2013 \\ 52 \text { weeks) } \end{gathered}$ |  | $2012$ <br> ( 2 weeks) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Operating Results: |  |  |  |  |  |  |  |  |  |  |
| Net sales |  | \$ 6,779,579 |  | 6,226,507 | \$ | 5,711,715 | \$ | 5,164,784 | \$ | 4,664,120 |
| Gross profit |  | 2,325,202 |  | 2,143,174 |  | 1,950,415 |  | 1,753,609 |  | 1,566,054 |
| Selling, general and administrative expenses |  | 1,488,164 |  | 1,369,097 |  | 1,246,308 |  | 1,138,934 |  | 1,040,287 |
| Depreciation and amortization |  | 142,958 |  | 123,569 |  | 114,635 |  | 100,025 |  | 88,975 |
| Operating income |  | 694,080 |  | 650,508 |  | 589,472 |  | 514,650 |  | 436,792 |
| Interest expense, net |  | 5,810 |  | 2,891 |  | 1,885 |  | 557 |  | 1,055 |
| Income before income taxes |  | 688,270 |  | 647,617 |  | 587,587 |  | 514,093 |  | 435,737 |
| Income tax expense |  | 251,150 |  | 237,222 |  | 216,702 |  | 185,859 |  | 159,280 |
| Net income | \$ | \$ 437,120 | \$ | 410,395 | \$ | 370,885 | \$ | 328,234 | \$ | 276,457 |
| Net income per share - basic ${ }^{(c)}$ | \$ | 3.29 | \$ | 3.03 | \$ | 2.69 | \$ | 2.35 | \$ | 1.94 |
| Net income per share - diluted ${ }^{(c)}$ | \$ | \$ 3.27 | \$ | 3.00 | \$ | 2.66 | \$ | 2.32 | \$ | 1.90 |
| Weighted average shares - diluted ${ }^{(c)}$ |  | 133,813 |  | 136,845 |  | 139,435 |  | 141,723 |  | 145,514 |
| Dividends declared per common share outstanding | \$ | \$ 0.92 | \$ | 0.76 | \$ | 0.61 | \$ | 0.49 | \$ | 0.36 |
| Operating Data (percent of net sales): |  |  |  |  |  |  |  |  |  |  |
| Gross margin |  | 34.3 \% |  | 34.4 \% |  | 34.1\% |  | 34.0\% |  | 33.6\% |
| Selling, general and administrative expenses |  | 22.0 \% |  | 22.0 \% |  | 21.8\% |  | 22.1\% |  | 22.3\% |
| Operating income |  | 10.2 \% |  | 10.4 \% |  | 10.3\% |  | 10.0\% |  | 9.4\% |
| Net income |  | 6.4 \% |  | 6.6 \% |  | 6.5\% |  | 6.4\% |  | 6.0\% |
| Store, Sales and Other Data: |  |  |  |  |  |  |  |  |  |  |
| Stores open at end of year |  | 1,738 |  | 1,488 |  | 1,382 |  | 1,276 |  | 1,176 |
| Comparable store sales increase ${ }^{(\mathrm{d})}$ |  | 1.6 \% |  | 3.1 \% |  | 3.8\% |  | 4.8\% |  | 5.3\% |
| New store sales (as a \% of net sales) ${ }^{(\mathrm{e})}$ |  | 5.6 \% |  | 5.6 \% |  | 6.2\% |  | 5.4\% |  | 5.9\% |
| Average transaction value | \$ | \$ 44.42 | \$ | 44.87 | \$ | 44.84 | \$ | 44.48 | \$ | 44.40 |
| Comparable store average transaction value (decrease) increase ${ }^{(c)}$ |  | (0.9)\% |  | (0.2)\% |  | 0.6\% |  | -\% |  | 2.0\% |
| Comparable store average transaction count increase ${ }^{(d)}$ |  | 2.6 \% |  | 3.3 \% |  | 3.2\% |  | 4.7\% |  | 3.0\% |
| Total selling square footage ( 000 's) |  | 26,511 |  | 23,938 |  | 22,176 |  | 20,470 |  | 18,893 |
| Total team members |  | 26,000 |  | 23,000 |  | 21,100 |  | 19,200 |  | 17,300 |
| Capital expenditures ( 000 's) | \$ | \$ 226,017 | \$ | 236,496 | \$ | 160,613 | \$ | 218,200 | \$ | 152,924 |
| Balance Sheet Data (at end of period): |  |  |  |  |  |  |  |  |  |  |
| Average inventory per store ${ }^{(f)}$ | \$ | \$ 741.7 | \$ | 820.1 | \$ | 752.7 | \$ | 723.5 | \$ | 727.4 |
| Inventory turns |  | 3.19 |  | 3.23 |  | 3.32 |  | 3.29 |  | 3.28 |
| Working capital ${ }^{(\mathrm{g})}$ | \$ | \$ 740,615 | \$ | 768,177 | \$ | 670,897 | \$ | 677,107 | \$ | 569,547 |
| Total assets |  | \$ 2,674,942 | \$ | 2,370,826 | \$ | 2,034,571 | \$ | 1,903,391 | \$ | 1,706,808 |
| Long-term debt, less current portion ${ }^{(\mathrm{h})}$ | \$ | \$ 289,769 | \$ | 166,992 | \$ | 4,957 | \$ | 1,200 | \$ | 1,242 |
| Stockholders' equity |  | \$ 1,453,218 | \$ | 1,393,294 | \$ | 1,293,561 | \$ | 1,246,894 | \$ | 1,024,974 |

${ }^{(a)}$ Our fiscal year includes 52 or 53 weeks and ends on the last Saturday of the calendar year. References to fiscal year mean the year in which that fiscal year ended. Fiscal year 2016 consisted of 53 weeks while all other fiscal years consisted of 52 weeks.
${ }^{(b)}$ Beginning in the fourth quarter ended December 31, 2016, selected financial and operating information includes the consolidation of Petsense, unless otherwise noted.
${ }^{(c)}$ Basic net income per share is calculated based on the weighted average number of common shares outstanding applied to net income. Diluted net income per share is calculated using the treasury stock method for stock options and restricted stock units.
${ }^{(d)}$ Comparable store metrics are calculated on an annual basis using sales generated from all stores open at least one year and all online sales, excluding certain adjustments to net sales. Beginning in fiscal 2015, stores closed during the year are removed from our comparable store metrics calculations. This change in the calculation methodology did not have a material impact on the comparable store metrics reported in prior periods presented due to the minimal number of stores closed in those periods. Stores relocated during the years being compared are not removed from our comparable store metrics. If the effect of relocated stores on our comparable store metrics becomes material, we would remove relocated stores from the calculations. Petsense stores are not considered comparable stores until 12 months after the date of acquisition.
${ }^{(e)}$ New stores sales metrics are based on stores open for less than one year.
${ }^{(f)}$ Assumes average inventory cost, excluding inventory in-transit.
${ }^{(g)}$ Working capital for 2016 and 2015 reflects deferred tax assets as non-current as a result of the adoption of ASU 2015-17 (which is discussed in Note 15 to the Consolidated Financial Statements). Years prior to 2015 have not been adjusted to reflect the adoption of this guidance.
${ }^{(h)}$ Long-term debt includes amounts outstanding under the Company's senior credit facility and capital lease obligations, excluding the current portions.

## Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion and analysis is intended to provide the reader with information that will assist in understanding the significant factors affecting our consolidated operating results, financial condition, liquidity and capital resources during the three-year period ended December 31, 2016 (our fiscal years 2016, 2015 and 2014). This discussion should be read in conjunction with our Consolidated Financial Statements and Notes to the Consolidated Financial Statements included elsewhere in this report. This discussion contains forward-looking statements. See "Forward-Looking Statements" and "Risk Factors" included elsewhere in this report.

## Overview

Founded in 1938, Tractor Supply Company is the largest operator of rural lifestyle retail stores in the United States. The Company is focused on supplying the needs of recreational farmers and ranchers and others who enjoy the rural lifestyle (which we refer to as the "Out Here" lifestyle), as well as tradesmen and small businesses. As of December 31, 2016, we operated 1,738 retail stores in 49 states under the names Tractor Supply Company, Del's Feed \& Farm Supply and Petsense. We also operate websites under the names TractorSupply.com and Petsense.com. Our stores are located primarily in towns outlying major metropolitan markets and in rural communities, and they offer the following comprehensive selection of merchandise:

- Equine, livestock, pet and small animal products, including items necessary for their health, care, growth and containment;
- Hardware, truck, towing and tool products;
- Seasonal products, including heating, lawn and garden items, power equipment, gifts and toys;
- Work/recreational clothing and footwear; and
- Maintenance products for agricultural and rural use.

Our current and long-term growth strategy is to: (1) expand domestic geographic market presence through opening new retail stores, (2) enhance financial performance through comparable store sales growth achieved through targeted merchandising and marketing programs with an "everyday value price" philosophy supported by strong customer service, (3) enhance product margin through strategic product sourcing, inventory and markdown management, a strong exclusive brand offering, and optimization of product pricing and transportation costs, (4) leverage operating costs by focusing on opportunities for continuous improvement and elimination of waste in all of our processes, (5) expand market opportunities via omni-channel enhancements, tying together our website product content, social media, digital and online shopping experience, and (6) expand through selective acquisitions, as such opportunities arise, to add complementary businesses and to enhance penetration into new and existing markets to supplement organic growth.

Over the past five years, we have experienced considerable growth in stores, growing from 1,085 stores at the end of 2011 to 1,738 stores (1,595 Tractor Supply and Del's retail stores and 143 Petsense retail stores) at the end of fiscal 2016, and in sales, with a compounded annual growth rate of approximately $9.9 \%$. Given the size of the communities that we target, we believe that there is ample opportunity for new store growth in existing and new markets. We have developed a proven method for selecting store sites and have identified approximately 900 additional opportunities for new Tractor Supply stores. We also believe that there is opportunity for up to 1,000 Petsense stores.

## Executive Summary

In 2016, we opened 113 new Tractor Supply stores in 37 states and began operating 143 Petsense stores in 26 states, as compared to 114 new Tractor Supply stores in 2015, resulting in a selling square footage increase of approximately $10.8 \%$ in fiscal 2016 and approximately $8.0 \%$ in fiscal 2015.

Net sales increased $8.9 \%$ to $\$ 6.78$ billion in fiscal 2016 from $\$ 6.23$ billion in fiscal 2015. Comparable store sales increased $1.6 \%$ in fiscal 2016 versus a $3.1 \%$ increase in fiscal 2015. Gross profit increased $8.5 \%$ to $\$ 2.33$ billion in fiscal 2016 from $\$ 2.14$ billion in fiscal 2015, and gross margin decreased 10 basis points to $34.3 \%$ of net sales in fiscal 2016 from $34.4 \%$ of net sales in fiscal 2015. Operating income decreased 20 basis points to $10.2 \%$ of net sales in fiscal 2016 from $10.4 \%$ of net sales in fiscal 2015. In fiscal 2016, diluted earnings per share grew $9.0 \%$ to $\$ 3.27$ compared to $\$ 3.00$ in fiscal 2015.

We ended the year with $\$ 53.9$ million in cash and outstanding debt of $\$ 275.0$ million, after returning $\$ 454.0$ million to our stockholders through stock repurchases and dividends.

## Significant Accounting Policies and Estimates

Management's discussion and analysis of our financial position and results of operations are based upon our Consolidated Financial Statements, which have been prepared in accordance with United States generally accepted accounting principles. The preparation of these financial statements requires management to make informed estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses and related disclosure of contingent assets and liabilities. Our financial position and/or results of operations may be materially different when reported under different conditions or when using different assumptions in the application of such policies. In the event estimates or assumptions prove to be different from actual amounts, adjustments are made in subsequent periods to reflect more current information. Our significant accounting policies are disclosed in Note 1 to our Consolidated Financial Statements. The following discussion addresses our most critical accounting policies, which are those that are both important to the portrayal of our financial condition and results of operations and that require significant judgment or use of complex estimates.

## Description

## Inventory Valuation:

## Inventory Impairment

We identify potentially excess and slowmoving inventory by evaluating turn rates, historical and expected future sales trends, age of merchandise, overall inventory levels, current cost of inventory and other benchmarks. We have established an inventory valuation reserve to recognize the estimated impairment in value (i.e., an inability to realize the full carrying value) based on our aggregate assessment of these valuation indicators under prevailing market conditions and current merchandising strategies.

## Judgments and Uncertainties

## Effect if Actual Results Differ From Assumptions

We do not believe our merchandise inventories are subject to significant risk of obsolescence in the near term. However, changes in market conditions or consumer purchasing patterns could result in the need for additional reserves.

Our impairment reserve contains uncertainties because the calculation requires management to make assumptions and to apply judgment regarding forecasted customer demand and the promotional environment.

We have not made any material changes in the accounting methodology used to recognize inventory impairment reserves in the financial periods presented.

We do not believe there is a reasonable likelihood that there will be a material change in the future estimates or assumptions we use to calculate impairment. However, if assumptions regarding consumer demand or clearance potential for certain products are inaccurate, we may be exposed to losses or gains that could be material.

A $10 \%$ change in our impairment reserve as of December 31, 2016, would have affected net income by approximately \$0.5 million in fiscal 2016.

## Description

## Shrinkage

We perform physical inventories at least once a year for each store that has been open more than 12 months, and we have established a reserve for estimating inventory shrinkage between physical inventory counts. The reserve is established by assessing the chain-wide average shrinkage experience rate, applied to the related periods' sales volumes. Such assessments are updated on a regular basis for the most recent individual store experiences.

## Vendor Funding

We receive funding from substantially all of our significant merchandise vendors, in support of our business initiatives, through a variety of programs and arrangements, including vendor support funds ("vendor support") and volumebased rebate funds ("volume rebates"). The amounts received are subject to terms of vendor agreements, most of which are "evergreen", reflecting the on-going relationship with our significant merchandise vendors. Certain of our agreements, primarily volume rebates, are renegotiated annually, based on expected annual purchases of the vendor's product.

Vendor funding is initially deferred as a reduction of the purchase price of inventory and then recognized as a reduction of cost of merchandise as the related inventory is sold.

During interim periods, the amount of volume rebates is estimated based upon initial commitments and anticipated purchase levels with applicable vendors.

## Freight

We incur various types of transportation and delivery costs in connection with inventory purchases and distribution. Such costs are included as a component of the overall cost of inventories (on an aggregate basis) and recognized as a component of cost of merchandise sold as the related inventory is sold.

## Judgments and Uncertainties

## Effect if Actual Results Differ From

 AssumptionsThe estimated store inventory shrink rate is based on historical experience. We believe historical rates are a reasonably accurate reflection of future trends.

Our shrinkage reserve contains uncertainties because the calculation requires management to make assumptions and to apply judgment regarding future shrinkage trends, the effect of loss prevention measures and new merchandising strategies.

The estimated purchase volume (and related vendor funding) is based on our current knowledge of inventory levels, sales trends and expected customer demand, as well as planned new store openings and relocations. Although we believe we can reasonably estimate purchase volume and related volume rebates at interim periods, it is possible that actual year-end results could be different from previously estimated amounts.

Our allocation methodology contains uncertainties because the calculation requires management to make assumptions and to apply judgment regarding customer demand, purchasing activity, target thresholds, vendor attrition and collectability.

We allocate freight as a component of total cost of sales without regard to inventory mix or unique freight burden of certain categories. This assumption has been consistently applied for all years presented.

We have not made any material changes in the accounting methodology used to recognize shrinkage in the financial periods presented.

We do not believe there is a reasonable likelihood that there will be a material change in the future estimates or assumptions we use to calculate our shrinkage reserve. However, if our estimates regarding inventory losses are inaccurate, we may be exposed to losses or gains that could be material.

A 10\% change in our shrinkage reserve as of December 31, 2016, would have affected net income by approximately \$1.4 million in fiscal 2016.

We have not made any material changes in the accounting methodology used to establish our vendor funding reserves in the financial periods presented.

At the end of each fiscal year, a significant portion of the actual purchase activity is known. Thus, we do not believe there is a reasonable likelihood that there will be a material change in the amounts recorded as vendor funding.

We do not believe there is a significant collectability risk related to vendor funding amounts due to us at the end of fiscal 2016.

If a $10 \%$ reserve had been applied against our outstanding vendor funding due as of December 31, 2016, net income would have been affected by approximately $\$ 1.3$ million in fiscal 2016.

Although it is unlikely that there will be any significant reduction in historical levels of vendor funding, if such a reduction were to occur in future periods, the Company could experience a higher inventory balance and higher cost of sales.

We have not made any material changes in the accounting methodology used to establish our capitalized freight balance or freight allocation in the financial periods presented.

If a $10 \%$ increase or decrease had been applied against our current inventory capitalized freight balance as of December 31, 2016, net income would have been affected by approximately $\$ 6.9$ million in fiscal 2016.

## Description

## Self-Insurance Reserves:

We self-insure a significant portion of our employee medical insurance, workers' compensation and general liability insurance plans. We have stop-loss insurance policies to protect from individual losses over specified dollar values.

Provisions for losses related to our selfinsured liabilities are based upon periodic independent actuarially determined estimates that consider a number of factors including historical claims experience, demographic factors and severity factors.

## Sales Tax Audit Reserve:

A portion of our sales are to tax-exempt customers, predominantly agriculturalbased. We obtain exemption information as a necessary part of each tax-exempt transaction. Many of the states in which we conduct business will perform audits to verify our compliance with applicable sales tax laws. The business activities of our customers and the intended use of the unique products sold by us create a challenging and complex compliance environment. These circumstances also create some risk that we could be challenged as to the accuracy of our sales tax compliance.

When establishing our sales tax audit reserve, we review our past audit experience and assessments with applicable states to continually determine if we have potential exposure for non-compliance. Any estimated liability is based on an initial assessment of compliance risk as well as our historical experience with each respective state.

## Judgments and Uncertainties

The full extent of certain claims, especially workers' compensation and general liability claims, may not become fully determined for several years.

Our self-insured liabilities contain uncertainties because management is required to make assumptions and to apply judgment to estimate the ultimate cost to settle reported claims and claims incurred but not reported as of the balance sheet date based upon historical data and experience, including actuarial calculations.

We continually reassess the exposure based on historical audit results, changes in policies, preliminary and final assessments made by state sales tax auditors, and additional documentation that may be provided to reduce the assessment.

Our sales tax audit reserve contains uncertainties because management is required to make assumptions and to apply judgment regarding the complexity of agricultural-based exemptions, the ambiguity in state tax regulations, the number of ongoing audits and the length of time required to settle with the state taxing authorities.

We have not made any material changes in the accounting methodology used to establish our self-insurance reserves in the financial periods presented.

We do not believe there is a reasonable likelihood that there will be a material change in the assumptions we use to calculate insurance reserves. However, if we experience a significant increase in the number of claims or the cost associated with these claims, we may be exposed to losses that could be material.

A $10 \%$ change in our self-insurance reserves as of December 31, 2016, would have affected net income by approximately $\$ 3.5$ million in fiscal 2016.

We have not made any material changes to our sales tax audit assessment methodology in the financial periods presented.

We do not believe there is a reasonable likelihood that there will be a material change in the future estimates or assumptions we use to calculate the sales tax liability reserve. However, if our estimates regarding the ultimate sales tax liability are inaccurate, we may be exposed to losses or gains that could be material.

A $10 \%$ change in our sales tax audit reserve as of December 31, 2016, would have affected net income by approximately $\$ 0.7$ million in fiscal 2016.

## Description

## Tax Contingencies:

Our income tax returns are periodically audited by United States federal and state tax authorities. These audits include questions regarding our tax filing positions, including the timing and amount of deductions and the allocation of income among various tax jurisdictions. At any time, multiple tax years are subject to audit by the various tax authorities. In evaluating the exposures associated with our various tax filing positions, we record a liability for uncertain tax positions taken or expected to be taken in a tax return. A number of years may elapse before a particular matter, for which we have established a reserve, is audited and fully resolved or clarified. We recognize the effect of income tax positions only if those positions are more likely than not of being sustained. Recognized income tax positions are measured at the largest amount that is greater than $50 \%$ likely of being realized. Changes in recognition or measurement are reflected in the period in which the change in judgment occurs. We adjust our tax contingencies reserve and income tax provision in the period in which actual results of a settlement with tax authorities differs from our established reserve, the statute of limitations expires for the relevant tax authority to examine the tax position or when more information becomes available.

## Judgments and Uncertainties

Effect if Actual Results Differ From Assumptions

Our tax contingencies reserve contains uncertainties because management is required to make assumptions and to apply judgment to estimate the exposures associated with our various filing positions and whether or not the minimum requirements for recognition of tax benefits have been met.

We have not made any material changes in the accounting methodology used to establish our tax contingencies in the financial periods presented.

We do not believe there is a reasonable likelihood that there will be a material change in the reserves established for tax
benefits not recognized.

Although management believes that the judgments and estimates discussed herein are reasonable, actual results could differ, and we may be exposed to losses or gains that could be material.

To the extent we prevail in matters for which reserves have been established, or are required to pay amounts in excess of our reserves, our effective income tax rate in a given financial statement period could be materially affected. An unfavorable tax settlement would require use of our cash and would result in an increase in our effective income tax rate in the period of resolution. A favorable tax settlement would be recognized as a reduction in our effective income tax rate in the period of resolution.

A 10\% change in our uncertain tax position reserve as of December 31, 2016 would have affected net income by approximately $\$ 0.1$ million in fiscal 2016.

## Description

## Impairment of Long-Lived Assets:

Long-lived assets are evaluated for impairment whenever events or changes in circumstances indicate that the carrying value may not be recoverable.

When evaluating long-lived assets for potential impairment, we first compare the carrying value of the asset to the asset's estimated future cash flows (undiscounted and without interest charges). The evaluation for long-lived assets is performed at the lowest level of identifiable cash flows, which is generally the individual store level. The significant assumptions used to determine estimated undiscounted cash flows include cash inflows and outflows directly resulting from the use of those assets in operations, including margin on net sales, payroll and related items, occupancy costs, insurance allocations and other costs to operate a store.

If the estimated future cash flows are less than the carrying value of the asset, we calculate an impairment loss. The impairment loss calculation compares the carrying value of the asset to the asset's estimated fair value, which may be based on an estimated future cash flow model. We recognize an impairment loss if the amount of the asset's carrying value exceeds the asset's estimated fair value. If we recognize an impairment loss, the adjusted carrying amount of the asset becomes its new cost basis. For a depreciable long-lived asset, the new cost basis will be depreciated (amortized) over the remaining estimated useful life of that asset.

## Judgments and Uncertainties

Our impairment loss calculations contain uncertainties because they require management to make assumptions and to apply judgment to estimate future cash flows and asset fair values, including forecasting useful lives of the assets and selecting the discount rate that reflects the risk inherent in future cash flows.

Effect if Actual Results Differ From
Assumptions

We have not made any material changes in our impairment loss assessment methodology in the financial periods presented.

We do not believe there is a reasonable likelihood that there will be a material change in the estimates or assumptions we use to calculate long-lived asset impairment losses. None of these estimates and assumptions are significantly sensitive, and a $10 \%$ change in any of these estimates would not have a material impact on our analysis. However, if actual results are not consistent with our estimates and assumptions used in estimating future cash flows and asset fair values, we may be exposed to losses that could be material.

## Description

## Impairment of Goodwill and Other Indefinite-Lived Intangible Assets:

Goodwill and other indefinite-lived intangible assets are evaluated for impairment annually, or whenever events or changes in circumstances indicate that the carrying value may not be recoverable.

In accordance with the accounting standards, an entity has the option first to assess qualitative factors to determine whether events and circumstances indicate that it is more likely than not that goodwill or an indefinite-lived intangible asset is impaired. If after such assessment an entity concludes that the asset is not impaired, then the entity is not required to take further action. However, if an entity concludes otherwise, then it is required to determine the fair value of the asset using a quantitative impairment test, and if impaired, the associated assets must be written down to fair value.

The quantitative test for goodwill impairment is a two-step process. The first step of the goodwill impairment test, used to identify the potential for impairment, compares the fair value of a reporting unit with the carrying value of its net assets, including goodwill. If the fair value of the reporting unit is less than the carrying value of the reporting unit, the second step of the goodwill impairment test is performed to measure the amount of impairment loss to be recorded, if any. The second step, if required, would compare the implied fair value of goodwill with the current carrying amount of goodwill. If the implied fair value of goodwill is less than the carrying value, an impairment charge would be recorded to the Company's operations. We determine fair values for each reporting unit using the market approach, when available and appropriate, or the income approach, or a combination of both. If multiple valuation methodologies are used, the results are weighted appropriately.

The quantitative impairment test for other indefinite-lived intangible assets involves comparing the carrying amount of the asset to the sum of the discounted cash flows expected to be generated by the asset. If the implied fair value of the indefinite-lived intangible asset is less than the carrying value, an impairment charge would be recorded to the Company's operations.

## Judgments and Uncertainties

Our impairment loss calculation contains uncertainties because they require management to make assumptions and to apply judgment to qualitative factors as well as estimate future cash flows and asset fair values, including forecasting prospective financial information and selecting the discount rate that reflects the risk inherent in future cash flows.

## Effect if Actual Results Differ From <br> Assumptions

We do not believe there is a reasonable likelihood that there will be a material change in the estimates or assumptions we use to calculate indefinite-lived asset impairment losses. None of these estimates and assumptions are significantly sensitive, and a $10 \%$ change in any of these estimates would not have a material impact on our analysis. However, if actual results are not consistent with our estimates and assumptions used in estimating future cash flows and asset fair values, we may be exposed to losses that could be material.

## Quarterly Financial Data

Our unaudited quarterly operating results for each fiscal quarter of 2016 and 2015 are shown below (in thousands, except per share amounts):

| $2016{ }^{(a)}$ | First Quarter (13 weeks) | Second Quarter (13 weeks) | Third Quarter (13 weeks) | Fourth Quarter (14 weeks) | Total (53 weeks) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net sales | \$ 1,467,797 | \$1,852,534 | \$1,542,706 | \$ 1,916,542 | \$ 6,779,579 |
| Gross profit | 494,444 | 649,222 | 535,274 | 646,262 | 2,325,202 |
| Operating income | 108,195 | 249,249 | 142,020 | 194,616 | 694,080 |
| Net income | 67,668 | 156,425 | 89,444 | 123,583 | 437,120 |
| Net income per share: |  |  |  |  |  |
| Basic | \$ 0.51 | \$ 1.17 | \$ 0.67 | \$ 0.94 | \$ 3.29 |
| Diluted | \$ 0.50 | \$ 1.16 | \$ 0.67 | \$ 0.94 | \$ 3.27 |
| Comparable store sales increase (decrease) ${ }^{\text {(b) }}$ | 4.9\% | (0.5)\% | (0.6)\% | 3.1\% | 1.6\% |


| 2015 | First Quarter (13 weeks) | Second Quarter (13 weeks) | Third Quarter (13 weeks) | Fourth Quarter (13 weeks) | Total (52 weeks) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net sales | \$ 1,331,352 | \$ 1,772,900 | \$ 1,475,645 | \$1,646,610 | \$ 6,226,507 |
| Gross profit | 444,605 | 625,320 | 512,248 | 561,001 | 2,143,174 |
| Operating income | 92,847 | 245,165 | 139,208 | 173,288 | 650,508 |
| Net income | 58,040 | 153,331 | 87,312 | 111,712 | 410,395 |
| Net income per share: |  |  |  |  |  |
| Basic | \$ 0.43 | \$ 1.13 | \$ 0.64 | \$ 0.83 | \$ 3.03 |
| Diluted | \$ 0.42 | \$ 1.12 | \$ 0.64 | \$ 0.82 | \$ 3.00 |
| Comparable store sales increase (decrease) ${ }^{\text {(b) }}$ | 5.7\% | 5.6\% | 2.9\% | (1.4)\% | 3.1\% |

${ }^{(a)}$ Beginning in the fourth quarter ended December 31, 2016, selected financial and operating information includes the consolidation of Petsense, unless otherwise noted.
${ }^{\text {(b) }}$ Comparable store metrics are calculated using sales generated from all stores open at least one year and all online sales, excluding certain adjustments to net sales. Closed stores are removed from our comparable store metrics calculations. Stores relocated during the periods being compared are not removed from our comparable store metrics. If the effect of relocated stores on our comparable store metrics becomes material, we would remove relocated stores from the calculations. Petsense stores are not considered comparable stores until 12 months after the date of acquisition.

## Results of Operations

The following table sets forth, for the periods indicated, certain items in our Consolidated Statements of Income expressed as a percentage of net sales.

|  | 2016 | 2015 | 2014 |
| :---: | :---: | :---: | :---: |
| Net sales | 100.0\% | 100.0\% | 100.0\% |
| Cost of merchandise sold ${ }^{(a)}$ | 65.7 | 65.6 | 65.9 |
| Gross margin ${ }^{(a)}$ | 34.3 | 34.4 | 34.1 |
| Selling, general and administrative expenses ${ }^{(a)}$ | 22.0 | 22.0 | 21.8 |
| Depreciation and amortization | 2.1 | 2.0 | 2.0 |
| Operating income | 10.2 | 10.4 | 10.3 |
| Interest expense, net | 0.1 | - | - |
| Income before income taxes | 10.1 | 10.4 | 10.3 |
| Income tax provision | 3.7 | 3.8 | 3.8 |
| Net income | 6.4\% | 6.6\% | 6.5\% |

${ }^{(a)}$ Our gross margin amounts may not be comparable to those of other retailers since some retailers include all of the costs related to their distribution network in cost of merchandise sold and others (like our Company) exclude a portion of these distribution network costs from gross margin and instead include them in selling, general and administrative expenses; refer to Note 1 - Significant Accounting Policies, of the Notes to Consolidated Financial Statements, included in Item 8 Financial Statements and Supplementary Data, of this Annual Report on Form 10-K.

## Fiscal 2016 Compared to Fiscal 2015

Net sales increased $8.9 \%$ to $\$ 6.78$ billion in fiscal 2016 from $\$ 6.23$ billion in fiscal 2015. The fourth quarter included an extra sales week as a part of the Company's 53-week calendar in 2016, which represented $1.6 \%$ of the overall $8.9 \%$ sales increase over prior year. Comparable store sales for fiscal 2016 were $\$ 6.41$ billion, a $1.6 \%$ increase over fiscal 2015 . This compares to a $3.1 \%$ comparable store sales increase in the prior year. The comparable store transaction count increased $2.6 \%$, while comparable store average ticket decreased $0.9 \%$ for fiscal 2016.

Comparable store metrics are calculated on an annual basis using sales generated from all stores open at least one year and all online sales, excluding certain adjustments to net sales. Stores closed during the year are removed from our comparable store metrics calculations. Stores relocated during the years being compared are not removed from our comparable store metrics. If the effect of relocated stores on our comparable store metrics becomes material, we would remove relocated stores from the calculations. Petsense stores are not considered comparable stores until 12 months after the date of acquisition.

The comparable store sales increase was driven by an increase in traffic counts and the year-round strength of consumable, usable, and edible ("C.U.E.") products, principally animal- and pet-related merchandise. Livestock equipment and hardline products such as fencing and trailers also performed well throughout the year. The full year sales performance was negatively impacted by unpredictable weather patterns during the spring selling season and unseasonably warm weather in the key cold months of the year which drove softness in cold weather seasonal categories and big ticket items such as log splitters and stoves. Additionally, the Company believes that economic conditions in the energy producing markets negatively impacted consumer spending primarily in the Midwest and South Central regions.

In addition to comparable store sales growth in fiscal 2016, sales from stores opened less than one year, including Petsense, were $\$ 378.9$ million in fiscal 2016, which represented 6.1 percentage points of the $8.9 \%$ increase over fiscal 2015 net sales. Sales from stores opened less than one year were $\$ 351.0$ million in fiscal 2015, which represented 6.1 percentage points of the $9.0 \%$ increase over fiscal 2014 net sales.

The following chart summarizes our store growth during fiscal 2016 and 2015:

| Tractor Supply | 2016 | 2015 |
| :---: | :---: | :---: |
| Store count, beginning of period | 1,488 | 1,382 |
| New stores opened | 113 | 114 |
| Stores closed | (6) | (8) |
| Store count, end of period | 1,595 | 1,488 |
| Petsense |  |  |
| Beginning of period | - | - |
| Stores acquired | 136 | - |
| New stores opened | 8 | - |
| Stores closed | (1) | - |
| End of period | 143 | - |
| Consolidated end of period | 1,738 | 1,488 |

The following chart indicates the percentage of net sales represented by each of our major product categories during fiscal 2016 and 2015:

|  | Percent of Net Sales |  |
| :---: | :---: | :---: |
| Product Category: | 2016 | 2015 |
| Livestock and Pet | 46\% | 44\% |
| Hardware, Tools, Truck and Towing | 22 | 23 |
| Seasonal, Gift and Toy Products | 19 | 20 |
| Clothing and Footwear | 8 | 8 |
| Agriculture | 5 | 5 |
| Total | 100\% | 100\% |

Gross profit increased $8.5 \%$ to $\$ 2.33$ billion in fiscal 2016 compared to $\$ 2.14$ billion in fiscal 2015. As a percent of net sales, gross margin decreased 10 basis points to $34.3 \%$ for fiscal 2016 compared to $34.4 \%$ for fiscal 2015 . This decrease in gross margin percentage principally reflects a higher mix of C.U.E. products, which generally carry below chain average gross margin, partially offset by benefits from our key margin driving initiatives. Freight expense as a percent of net sales experienced a marginal increase in fiscal 2016 as compared to the prior year due principally to an increase in inbound miles and domestic transportation costs, partially offset by lower diesel fuel prices and import container costs.

Selling, general and administrative ("SG\&A") expenses, including depreciation and amortization, as a percent of net sales increased 10 basis points to $24.1 \%$ in fiscal 2016 from $24.0 \%$ in fiscal 2015. SG\&A expenses as a percent of net sales increased due to incremental costs associated with our new distribution facilities that began operations in late fiscal 2015, as well as acquisition and operating expenses associated with the Petsense purchase. These increases were partially offset by leverage of occupancy costs, as well as lower year-over-year incentive compensation expense. Total SG\&A expenses, including depreciation and amortization, for fiscal 2016 increased $9.3 \%$ to $\$ 1.63$ billion from $\$ 1.49$ billion in fiscal 2015. The increase in SG\&A expenses primarily reflects new store growth, incremental costs from operating the new distribution facilities, variable costs associated with our comparable store sales growth and the extra sales week during the year and incremental expenses associated with the Petsense acquisition and its operations.

Our effective tax rate decreased to $36.5 \%$ for fiscal 2016 compared to $36.6 \%$ in fiscal 2015 . The decrease in the effective income tax rate was due principally to the availability of federal and state tax incentives.

As a result of the foregoing factors, net income for fiscal 2016 increased $6.5 \%$ to $\$ 437.1$ million, or $\$ 3.27$ per diluted share, as compared to net income of \$410.4 million, or \$3.00 per diluted share, in fiscal 2015.

During fiscal 2016, we repurchased approximately 4.4 million shares of the Company's common stock at a total cost of $\$ 331.7$ million as part of our $\$ 3$ billion share repurchase program. In fiscal 2015, we repurchased approximately 3.4 million shares at a total cost of $\$ 292.7$ million.

## Fiscal 2015 Compared to Fiscal 2014

Net sales increased $9.0 \%$ to $\$ 6.23$ billion in fiscal 2015 from $\$ 5.71$ billion in fiscal 2014. Comparable store sales for fiscal 2015 were $\$ 5.89$ billion, a $3.1 \%$ increase over fiscal 2014 . This compares to a $3.8 \%$ comparable store sales increase in the prior year. The comparable store transaction count increased $3.3 \%$, while comparable store average ticket decreased $0.2 \%$ for fiscal 2015.

Comparable store metrics are calculated on an annual basis using sales generated from all stores open at least one year and all online sales, excluding certain adjustments to net sales. Beginning in fiscal 2015, stores closed during the year are removed from our comparable store metrics calculations. This change in the calculation methodology did not have a material impact on the comparable store metrics reported in prior periods due to the minimal number of stores closed in those periods. Stores relocated during the years being compared are not removed from our comparable store metrics. If the effect of relocated stores on our comparable store metrics becomes material, we would remove relocated stores from the calculations.

The comparable store sales increase was driven by an increase in traffic counts and the year-round strength of C.U.E. products, principally animal- and pet-related merchandise. Hardline products such as fencing, trailers and towing also performed well throughout the year. The full year sales performance was negatively impacted by fourth quarter weakness in the key cold weather seasonal categories of heating (stoves and fuel) and insulated outerwear along with softness in seasonal big ticket items such as snow blowers, log splitters and generators.

In addition to comparable store sales growth in fiscal 2015, sales from stores opened less than one year were $\$ 351.0$ million in fiscal 2015, which represented 6.1 percentage points of the $9.0 \%$ increase over fiscal 2014 net sales. Sales from stores opened less than one year were $\$ 353.4$ million in fiscal 2014, which represented 6.8 percentage points of the $10.6 \%$ increase over fiscal 2013 net sales.

The following chart summarizes our store growth during fiscal 2015 and 2014:

|  | 2015 | 2014 |
| :---: | :---: | :---: |
| Store Count, Beginning of Period | 1,382 | 1,276 |
| New Stores Opened | 114 | 107 |
| Stores Closed | (8) | (1) |
| Store Count, End of Period | 1,488 | 1,382 |
| Stores Relocated | 6 | 2 |

The following chart indicates the percentage of net sales represented by each of our major product categories during fiscal 2015 and 2014:

| Product Category: | Percent of Net Sales |  |
| :---: | :---: | :---: |
|  | 2015 | 2014 |
| Livestock and Pet | 44\% | 44\% |
| Hardware, Tools, Truck and Towing | 23 | 22 |
| Seasonal, Gift and Toy Products | 20 | 20 |
| Clothing and Footwear | 8 | 9 |
| Agriculture | 5 | 5 |
| Total | 100\% | 100\% |

Gross profit increased $9.9 \%$ to $\$ 2.14$ billion in fiscal 2015 compared to $\$ 1.95$ billion in fiscal 2014. As a percent of net sales, gross margin increased 30 basis points to $34.4 \%$ for fiscal 2015 compared to $34.1 \%$ for fiscal 2014. This increase in gross margin principally reflects improved direct product margin. Direct product margin increased as a result of strong execution on our four strategic margin initiatives which include inventory and markdown management, strategic sourcing, exclusive branding and retail price management.

As a percent of net sales, SG\&A expenses, including depreciation and amortization, increased 20 basis points to $24.0 \%$ in fiscal 2015 from $23.8 \%$ in fiscal 2014. This increase in SG\&A expense as a percent of net sales was mainly related to deleverage in rent and other occupancy costs at the stores and incremental costs associated with our two new mixing centers and our new distribution facility in Casa Grande, Arizona. Total SG\&A expenses, including depreciation and amortization, for fiscal 2015 increased 9.7\% to $\$ 1.49$ billion from $\$ 1.36$ billion in fiscal 2014. The increase in SG\&A expense primarily reflects new store growth and variable costs associated with our comparable store sales growth.

Our effective tax rate decreased to $36.6 \%$ for fiscal 2015 compared to $36.9 \%$ in fiscal 2014 predominantly as a result of the reversal of various reserves for uncertain tax positions.

As a result of the foregoing factors, net income for fiscal 2015 increased $10.7 \%$ to $\$ 410.4$ million, or $\$ 3.00$ per diluted share, as compared to net income of $\$ 370.9$ million, or $\$ 2.66$ per diluted share, in fiscal 2014.

During fiscal 2015, we repurchased approximately 3.4 million shares of the Company's common stock at a total cost of $\$ 292.7$ million as part of our share repurchase program. In fiscal 2014, we repurchased approximately 4.7 million shares at a total cost of $\$ 298.5$ million.

## Liquidity and Capital Resources

In addition to normal operating expenses, our primary ongoing cash requirements are for new store expansion, remodeling and relocation programs, distribution facilities capacity and improvements, information technology, inventory purchases, share repurchases, cash dividends and selective acquisitions as opportunities arise. Our primary ongoing sources of liquidity are existing
cash balances, cash provided from operations, funds available under our senior credit facility (as discussed in Note 5 to the Consolidated Financial Statements), capital and operating leases and normal trade credit. Our inventory and accounts payable levels typically build in the first and third fiscal quarters to support the higher sales volume of the spring and cold-weather selling seasons, respectively.

## Working Capital

At December 31, 2016, the Company had working capital of $\$ 740.6$ million, which decreased $\$ 27.6$ million from December 26, 2015. The shifts in working capital were attributable to changes in the following components of current assets and current liabilities (in millions):

|  | $2016{ }^{(a)}$ |  | $2015{ }^{(a)}$ |  | Variance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Current assets: |  |  |  |  |  |  |
| Cash and cash equivalents | \$ | 53.9 | \$ | 63.8 | \$ | (9.9) |
| Inventories |  | 1,369.7 |  | 1,284.4 |  | 85.3 |
| Prepaid expenses and other current assets |  | 90.6 |  | 87.5 |  | 3.1 |
| Income taxes receivable |  | 3.6 |  | 3.8 |  | (0.2) |
| Total current assets |  | 1,517.8 |  | 1,439.5 |  | 78.3 |
| Current liabilities: |  |  |  |  |  |  |
| Accounts payable |  | 519.5 |  | 427.2 |  | 92.3 |
| Accrued employee compensation |  | 25.2 |  | 42.7 |  | (17.5) |
| Other accrued expenses |  | 215.7 |  | 195.0 |  | 20.7 |
| Current portion of long-term debt |  | 10.0 |  | - |  | 10.0 |
| Current portion of capital lease obligation |  | 1.3 |  | 0.9 |  | 0.4 |
| Income taxes payable |  | 5.5 |  | 5.5 |  | - |
| Total current liabilities |  | 777.2 |  | 671.3 |  | 105.9 |
| Working capital | \$ | 740.6 | \$ | 768.2 | \$ | (27.6) |

(a) Working capital for 2016 and 2015 reflects deferred tax assets as non-current as a result of the adoption of ASU $2015-17$ in 2016 (which is discussed in Note 15 to the Consolidated Financial Statements).

In comparison to December 26, 2015, working capital as of December 31, 2016 was impacted most significantly by changes in our inventory and accounts payable.

- The increase in inventory resulted from the purchase of additional inventory to support new store growth as well as the acquisition of Petsense. We actively manage our inventory balances and in-stock levels at our stores. Average inventory per store decreased year-over-year principally due to an improvement in inventory turns of seasonal and cold-weather merchandise at the end of fiscal 2016 compared to fiscal 2015.
- Accounts payable increased primarily as a result of new store growth along with timing of payments to vendors.
- The decrease in accrued employee compensation is due to lower year-over-year incentive compensation and the timing of payroll accruals.
- The increase in other accrued expenses is a result of Company growth and the timing of payments.
- The current portion of long-term debt relates to the term loan which was entered into in fiscal 2016.


## Borrowings and Senior Credit Facility

On February 19, 2016, the Company entered into a senior credit facility (the "2016 Senior Credit Facility") consisting of a $\$ 200$ million term loan and a $\$ 500$ million revolving credit facility (with a sublimit of $\$ 50$ million for swingline loans). This agreement is unsecured and matures on February 19, 2021.

During the period of October 24, 2011 through February 19, 2016, the Company was party to a senior credit facility (the " 2011 Senior Credit Facility"), which provided for borrowings up to $\$ 400$ million (with a sublimit of $\$ 30$ million for swingline loans) as of December 26, 2015.

## 2016 Senior Credit Facility

The 2016 Senior Credit Facility contains a $\$ 200$ million term loan which requires quarterly payments totaling $\$ 10$ million per year in years one and two and $\$ 20$ million per year in years three through five, with the remaining balance due in full on the maturity
date of February 19, 2021. The 2016 Senior Credit Facility also contains a $\$ 500$ million revolving credit facility (with a sublimit of $\$ 50$ million for swingline loans).

As of December 31, 2016, the Company had outstanding total borrowings of $\$ 275.0$ million under the 2016 Senior Credit Facility consisting of $\$ 190.0$ million in borrowings under the term loan and $\$ 85.0$ million in borrowings under the revolving credit facility. Unamortized debt issuance costs recorded as an offset to the outstanding borrowings were approximately $\$ 1.1$ million at December 31, 2016. Additionally, there were $\$ 44.3$ million of outstanding letters of credit under the 2016 Senior Credit Facility as of December 31, 2016.

Borrowings under both the term loan and the revolver bear interest at either the bank's base rate ( $3.750 \%$ at December 31, 2016) or the London Inter-Bank Offer Rate ("LIBOR") $(0.772 \%$ at December 31,2016$)$ plus an additional amount ranging from $0.500 \%$ to $1.125 \%$ per annum $(0.625 \%$ at December 31,2016$)$, adjusted quarterly based on our leverage ratio. The Company is also required to pay, quarterly in arrears, a commitment fee for unused capacity ranging from $0.075 \%$ to $0.200 \%$ per annum ( $0.100 \%$ at December 31, 2016), adjusted quarterly based on the Company's leverage ratio.

Proceeds from the 2016 Senior Credit Facility may be used for working capital, capital expenditures, dividends, share repurchases, and other matters. There are no compensating balance requirements associated with the 2016 Senior Credit Facility.

The 2016 Senior Credit Facility requires quarterly compliance with respect to two material covenants: a fixed charge coverage ratio and a leverage ratio. Both ratios are calculated on a trailing twelve-month basis at the end of each fiscal quarter. The fixed charge coverage ratio compares earnings before interest, taxes, depreciation, amortization, share-based compensation and rent expense ("consolidated EBITDAR") to the sum of interest paid and rental expense (excluding any straight-line rent adjustments). The fixed charge coverage ratio shall be greater than or equal to 2.00 as of the last day of each fiscal quarter. The leverage ratio compares rental expense (excluding any straight-line rent adjustments) multiplied by a factor of six plus total debt to consolidated EBITDAR. The leverage ratio shall be less than or equal to 4.00 as of the last day of each fiscal quarter. The 2016 Senior Credit Facility also contains certain other restrictions regarding additional indebtedness, capital expenditures, business operations, guarantees, investments, mergers, consolidations and sales of assets, transactions with subsidiaries or affiliates, and liens. As of December 31, 2016, the Company was in compliance with all debt covenants.

## 2011 Senior Credit Facility

Under the 2011 Senior Credit Facility, the Company had outstanding borrowings of $\$ 150.0$ million as of December 26, 2015. In addition, there were $\$ 48.7$ million of outstanding letters of credit under the 2011 Senior Credit Facility as of December 26, 2015.

## Interest Rate Swap

On March 28, 2016, the Company entered into an interest rate swap agreement which became effective on March 31, 2016 with a maturity date of February 19,2021 . The interest rate swap was executed for risk management and is not held for trading purposes. The objective of the interest rate swap is to mitigate interest rate risk associated with future changes in interest rates. To accomplish this objective, the interest rate swap is intended to hedge the variable cash flows associated with the variable rate term loan borrowings under the 2016 Senior Credit Facility. The notional amount of the interest rate swap began at $\$ 197.5$ million (the principal amount of the term loan borrowings as of March 31, 2016) and will amortize at the same time and in the same amount as the term loan borrowings as described in Note 5 to the Consolidated Financial Statements. As of December 31, 2016, the notional amount of the interest rate swap was $\$ 190.0$ million. The interest rate swap entitles the Company to receive, at specified intervals, a variable rate of interest based on LIBOR in exchange for the payment of a fixed rate of interest throughout the life of the agreement without exchange of the underlying notional amount.

## Sources and Uses of Cash

Our primary source of liquidity is cash provided by operations and funds available under our senior credit facility (as discussed in Note 5 to the Consolidated Financial Statements). Principal uses of cash for investing activities are capital expenditures, while principal uses of cash for financing activities are repurchase of the Company's common stock, cash dividends paid to stockholders and selective acquisitions as opportunities arise.

The following table presents a summary of cash flows provided by or used in operating, investing and financing activities for the last three fiscal years (in millions):

|  | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net cash provided by operating activities | \$ | 639.0 | \$ | 429.2 | \$ | 409.2 |
| Net cash used in investing activities |  | (369.2) |  | (235.9) |  | (160.3) |
| Net cash used in financing activities |  | (279.7) |  | (180.6) |  | (340.5) |
| Net (decrease) increase in cash and cash equivalents | \$ | (9.9) | \$ | 12.7 | \$ | (91.6) |

## Operating Activities

Operating activities provided net cash of $\$ 639.0$ million, $\$ 429.2$ million and $\$ 409.2$ million in fiscal 2016, 2015 and 2014, respectively. The $\$ 209.8$ million increase in net cash provided by operating activities in fiscal 2016 compared to fiscal 2015 was primarily due to changes in the following (in millions):

|  | 2016 |  | 2015 |  | Variance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net income | \$ | 437.1 | \$ | 410.4 | \$ | 26.7 |
| Depreciation and amortization |  | 143.0 |  | 123.6 |  | 19.4 |
| Share-based compensation expense |  | 23.6 |  | 19.4 |  | 4.2 |
| Excess tax benefit of stock options exercised |  | (11.7) |  | (27.0) |  | 15.3 |
| Deferred income taxes |  | 10.0 |  | (5.5) |  | 15.5 |
| Inventories and accounts payable |  | 14.8 |  | (112.5) |  | 127.3 |
| Prepaid expenses and other current assets |  | 1.8 |  | (21.1) |  | 22.9 |
| Accrued expenses |  | 2.1 |  | 16.9 |  | (14.8) |
| Income taxes |  | 11.8 |  | 16.3 |  | (4.5) |
| Other, net |  | 6.5 |  | 8.7 |  | (2.2) |
| Net cash provided by operating activities | \$ | 639.0 | \$ | 429.2 | \$ | 209.8 |

The $\$ 209.8$ million increase in net cash provided by operating activities in fiscal 2016 compared with fiscal 2015 primarily reflects incremental profitability and the impact of effective management of inventory and accounts payable levels. Average inventory per store decreased year-over-year principally due to an improvement in inventory turns of seasonal and cold-weather merchandise at the end of fiscal 2016 compared to fiscal 2015. Additionally, the timing of payments to vendors more closely aligned with receipt of inventory at the end of fiscal 2016 in comparison with the end of fiscal 2015, resulting in an improvement in cash flow year-over-year.

The $\$ 20.0$ million increase in net cash provided by operating activities in fiscal 2015 over fiscal 2014 was primarily due to changes in the following (in millions):

|  | 2015 |  | 2014 |  | Variance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net income | \$ | 410.4 | \$ | 370.9 | \$ | 39.5 |
| Depreciation and amortization |  | 123.6 |  | 114.6 |  | 9.0 |
| Stock compensation expense |  | 19.4 |  | 16.2 |  | 3.2 |
| Excess tax benefit of stock options exercised |  | (27.0) |  | (18.8) |  | (8.2) |
| Deferred income taxes |  | (5.5) |  | (19.8) |  | 14.3 |
| Inventories and accounts payable |  | (112.5) |  | (81.8) |  | (30.7) |
| Prepaid expenses and other current assets |  | (21.1) |  | (9.1) |  | (12.0) |
| Accrued expenses |  | 16.9 |  | 6.8 |  | 10.1 |
| Income taxes payable |  | 16.3 |  | 21.9 |  | (5.6) |
| Other, net |  | 8.7 |  | 8.3 |  | 0.4 |
| Net cash provided by operating activities | \$ | 429.2 | \$ | 409.2 | \$ | 20.0 |

The $\$ 20.0$ million increase in net cash provided by operating activities in fiscal 2015 compared with fiscal 2014 primarily reflects earnings growth, the favorable impact from the timing of deferred taxes partially offset by a net increase in inventories and accounts payable. Inventory increased due to store growth, the carry-over of cold-weather merchandise, additional investment in C.U.E.
products and the timing of spring seasonal receipts while accounts payable grew at a lower rate due mainly to the timing of payments.

## Investing Activities

Investing activities used cash of $\$ 369.3$ million, $\$ 235.9$ million and $\$ 160.3$ million in fiscal 2016, 2015 and 2014, respectively. The changes in cash used for investing activities primarily reflects the acquisition of Petsense and changes in capital expenditures. Capital expenditures for fiscal 2016, 2015 and 2014 were as follows (in millions):

|  | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New and relocated stores and stores not yet opened | \$ | 111.2 | \$ | 96.7 | \$ | 80.8 |
| Existing stores |  | 53.1 |  | 23.1 |  | 20.0 |
| Information technology |  | 40.5 |  | 35.8 |  | 22.7 |
| Distribution center capacity and improvements |  | 21.0 |  | 80.2 |  | 9.2 |
| Corporate and other |  | 0.2 |  | 0.7 |  | 27.9 |
| Total capital expenditures | \$ | 226.0 | \$ | 236.5 | \$ | 160.6 |

The above table reflects 113 new Tractor Supply stores and three relocations, as well as eight new Petsense stores during fiscal 2016, 114 new stores and six relocations during fiscal 2015 and 107 new stores and two relocations during fiscal 2014. The increase in spending on existing stores in fiscal 2016 primarily reflects an investment in the chain-wide LED lighting retrofit, which will be completed in fiscal 2017. The sustained increase in spending on information technology represents continued support of our store growth and our omni-channel platform as well as improvements in security and compliance, enhancements to our customer relationship management and other strategic initiatives. Spending for distribution center capacity and improvements increased substantially in fiscal 2015 as a result of the construction of two mixing centers in Texas and the southwest distribution center in Casa Grande, Arizona, all of which began operations in fiscal 2015. Lastly, the construction of our Store Support Center in Brentwood, Tennessee, resulted in higher costs in fiscal 2014 for corporate and other spending.

We currently estimate that capital expenditures in fiscal 2017 will range between $\$ 270$ million and $\$ 290$ million.

- We plan to open approximately 100 Tractor Supply stores and 25 to 30 Petsense stores in fiscal 2017.
- We will to continue to invest in our ongoing sustainability efforts to retrofit our stores with LED lighting, a chain-wide initiative which began in fiscal 2016 and will be completed in fiscal 2017.
- We also plan to invest in the initial development of a new northeast distribution center, expansion of our distribution center in Waverly, Nebraska, and an investment to improve our warehouse management system.
- Additionally, we will continue to enhance our digital and omni-channel capabilities.


## Financing Activities

Financing activities used cash of $\$ 279.7$ million, $\$ 180.6$ million, and $\$ 340.5$ million in fiscal 2016,2015 and 2014 , respectively. The net cash used in financing activities in fiscal 2016 was mainly the result of repurchases of common stock and quarterly cash dividends paid to stockholders, partially offset by net borrowings under the senior credit facility, net proceeds from issuance of common stock related to share-based compensation and excess tax benefits recognized on stock options exercised.

The increase in net cash used in financing activities in fiscal 2016 compared to fiscal 2015 is largely due to incremental share repurchases of common stock and quarterly cash dividends paid to stockholders, as well as a year-over-year decrease in net borrowings under the senior credit facility and a reduced excess tax benefit recognized on stock options exercised. The decrease in net cash used in financing activities in fiscal 2015 compared to fiscal 2014 is largely due to $\$ 150$ million of net borrowings under the senior credit facility.

The Company's Board of Directors has authorized common stock repurchases under a share repurchase program. On October 31, 2016, the Board of Directors authorized a $\$ 1$ billion increase to the existing share repurchase program, bringing the total amount authorized to $\$ 3$ billion, exclusive of any fees, commissions, or other expenses related to such repurchases and extended the program through December 31, 2020. The repurchases may be made from time to time on the open market or in privately negotiated transactions. The timing and amount of any shares repurchased under the program will depend on a variety of factors, including price, corporate and regulatory requirements, capital availability, and other market conditions. Repurchased shares are accounted for at cost and will be held in treasury for future issuance. The program may be limited or terminated at any time, without prior notice.

We repurchased approximately 4.4 million, 3.4 million and 4.7 million shares of common stock under the share repurchase program at a total cost of $\$ 331.7$ million, $\$ 292.7$ million and $\$ 298.5$ million in fiscal 2016, 2015 and 2014, respectively. As of December 31, 2016, we had remaining authorization under the share repurchase program of $\$ 1.2$ billion, exclusive of any fees, commissions, or other expenses.

In the second quarter of fiscal 2016, we increased our quarterly dividend from $\$ 0.20$ per share to $\$ 0.24$ per share and, in the second quarter of fiscal 2015, we increased our quarterly dividend from $\$ 0.16$ per share to $\$ 0.20$ per share. We paid dividends totaling $\$ 122.3$ million, $\$ 103.1$ million and $\$ 84.1$ million in fiscal 2016, 2015 and 2014, respectively.

We believe that our existing cash balances, expected cash flow from future operations, funds available under our senior credit facility, operating and capital leases and normal trade credit will be sufficient to fund our operations and our capital expenditure needs, including new store openings, store acquisitions, relocations and renovations and distribution facility capacity through the end of fiscal 2017.

## Significant Contractual Obligations and Commercial Commitments

The following table reflects our future obligations and commitments as of December 31, 2016 (in thousands):

|  | Payment Due by Period |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total |  | 2017 |  | 2018-2019 |  | 2020-2021 |  | Thereafter |  |
| Operating leases | \$ | 2,533,254 | \$ | 299,463 | \$ | 573,812 | \$ | 500,611 | \$ | 1,159,368 |
| Capital leases ${ }^{(a)}$ |  | 39,898 |  | 2,936 |  | 5,872 |  | 5,872 |  | 25,218 |
| Senior credit facility |  | 275,000 |  | 10,000 |  | 35,000 |  | 230,000 |  |  |
|  | \$ | 2,848,152 | \$ | 312,399 | \$ | 614,684 | \$ | 736,483 | \$ | 1,184,586 |

${ }^{(a)}$ Capital lease obligations include related interest.
At December 31, 2016, there were $\$ 44.3$ million outstanding letters of credit under the 2016 Senior Credit Facility.

## Off-Balance Sheet Arrangements

Our off-balance sheet arrangements are limited to operating leases and outstanding letters of credit. The balances for these arrangements are previously discussed. We typically lease buildings for retail stores rather than acquiring these assets through purchases. Letters of credit allow us to purchase inventory, primarily sourced overseas, in a timely manner and support certain risk management programs.

## New Accounting Pronouncements

In May 2014, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2014-09, "Revenue from Contracts with Customers (Topic 606)" ("ASU 2014-09"). ASU 2014-09 amends the guidance for revenue recognition to replace numerous, industry-specific requirements and converges areas under this topic with those of the International Financial Reporting Standards. The ASU implements a five-step process for customer contract revenue recognition that focuses on transfer of control, as opposed to transfer of risk and rewards. The amendment also requires enhanced disclosures regarding the nature, amount, timing and uncertainty of revenues and cash flows from contracts with customers. Other major provisions include the capitalization and amortization of certain contract costs, ensuring the time value of money is considered in the transaction price, and allowing estimates of variable consideration to be recognized before contingencies are resolved in certain circumstances. In August 2015, the FASB issued ASU 2015-14, "Revenue from Contracts with Customers (Topic 606): Deferral of the Effective Date," which implemented a one-year deferral of ASU 2014-09. As a result of the deferral, the amendments in ASU 2014-09 are effective for reporting periods beginning after December 15, 2017. In March 2016, the FASB issued ASU 2016-08, "Revenue from Contracts with Customers (Topic 606): Principal versus Agent Considerations (Reporting Revenue Gross versus Net)," which further clarifies the implementation guidance on principal versus agent considerations. In April 2016, the FASB issued ASU 2016-10, "Revenue from Contracts with Customers (Topic 606): Identifying Performance Obligations and Licensing," which further clarifies the aspects of (a) identifying performance obligations and (b) the licensing implementation guidance. In May 2016, the FASB issued ASU 2016-12 "Revenue from Contracts with Customers (Topic 606): Narrow-Scope Improvements and Practical Expedients," which provides implementation guidance in regards to (a) assessing the collectability criterion, (b) the presentation of taxes collected from customers, (c) noncash consideration, (d) contract modification at transition, (e) completed contracts at transition and (f) other technical corrections. In December 2016, the FASB issued ASU 2016-20, "Technical Corrections and Improvements to Topic 606, Revenue from Contracts with Customers," which is intended to clarify the codification and to
correct unintended application of guidance pertaining to Topic 606 and other Topics amended by ASU 2014-09 to increase stakeholders' awareness of the proposals and to expedite improvements to ASU 2014-09. The effective date and transition requirements for ASU 2016-08, ASU 2016-10, ASU 2016-12 and ASU 2016-20 are the same as the effective date and transition requirements of ASU 2014-09. Entities that transition to these standards may either retrospectively restate each prior reporting period or reflect the cumulative effect of initially applying the updates with an adjustment to retained earnings at the date of adoption. The Company anticipates adopting this guidance in the first quarter of fiscal 2018. Based on an evaluation of the standard as a whole, the Company has identified customer incentives and principal versus agent considerations as the areas that will most likely be affected by the new revenue recognition guidance. The Company continues to evaluate the adoption of this standard, including the transition method; however, adoption is not expected to have a material impact on our Consolidated Financial Statements and related disclosures.

In April 2015, the FASB issued ASU 2015-03, "Interest - Imputation of Interest (Subtopic 835-30): Simplifying the Presentation of Debt Issuance Costs." This update requires that debt issuance costs related to a recognized debt liability be presented in the consolidated balance sheet as a direct reduction from the carrying amount of that debt liability. ASU 2015-03 requires retrospective application and is effective for fiscal years beginning after December 15,2015 , and interim periods within those fiscal years. The Company adopted this guidance in the first quarter of fiscal 2016. The adoption of this guidance affected the presentation of debt issuance costs in our Consolidated Balance Sheet but did not have any other material impacts on our Consolidated Financial Statements and related disclosures.

In July 2015, the FASB issued ASU 2015-11, "Inventory (Topic 330): Simplifying the Measurement of Inventory." This update requires an entity that determines the cost of inventory by methods other than last-in, first-out and the retail inventory method to measure inventory at the lower of cost and net realizable value. ASU 2015-11 requires prospective application and is effective for fiscal years beginning after December 15, 2016, and interim periods within those fiscal years, with early adoption permitted. The Company does not expect that the adoption of this guidance will have a material impact on our Consolidated Financial Statements and related disclosures.

In September 2015, the FASB issued ASU 2015-16, "Business Combinations (Topic 805): Simplifying the Accounting for Measurement-Period Adjustments." This update simplifies the accounting for measurement-period adjustments by eliminating the requirement to retrospectively account for such adjustments. The amendments in ASU 2016-15 require an entity to recognize adjustments to provisional amounts that are identified during the measurement period in the reporting period in which the adjustment amounts are determined. The entity must also record, in the same period's financial statements, the effect on earnings of changes in depreciation, amortization, or other income effects, if any, as a result of the change to the provisional amounts, calculated as if the accounting had been completed at the acquisition date. The entity must present, separately on the face of the income statement or disclose in the notes, the portion of the amount recorded in current-period earnings by line item that would have been recorded in previous reporting periods if the adjustment to the provisional amounts had been recognized as of the acquisition date. ASU 2015-16 requires prospective application and is effective for fiscal years beginning after December 15, 2015, with early adoption permitted. The Company adopted this guidance in fiscal 2016. It had no impact on our Consolidated financial statements and related disclosures in fiscal 2016.

In November 2015, the FASB issued ASU 2015-17, "Income Taxes (Topic 740): Balance Sheet Classification of Deferred Taxes." This update requires that deferred tax liabilities and assets be classified as noncurrent in the consolidated balance sheet. ASU 2015-17 may be applied either prospectively to all deferred tax liabilities and assets or retrospectively to all periods presented. The updated guidance is effective for fiscal years beginning after December 15,2016 , and interim periods within those fiscal years, with early adoption permitted. The Company adopted this guidance in the first quarter of fiscal 2016. The Company elected to apply this guidance retrospectively for all periods presented. The adoption of this guidance affected the presentation of the deferred tax liabilities and assets within the Company's Consolidated Balance Sheet and related disclosures; however, the updated guidance did not affect the accounting for deferred tax liabilities and assets. Other than the change in presentation, the adoption of this guidance did not have any material impact on our Consolidated Financial Statements and related disclosures.

In February 2016, the FASB issued ASU 2016-02, "Leases (Topic 842)." This update requires a dual approach for lessee accounting under which a lessee will account for leases as finance leases or operating leases. Both finance leases and operating leases will result in the lessee recognizing a right-of-use asset and a corresponding lease liability on its balance sheet, with differing methodology for income statement recognition. This guidance is effective for public business entities for fiscal years, and interim periods within those years, beginning after December 15, 2018, and early adoption is permitted. A modified retrospective approach is required for all leases existing or entered into after the beginning of the earliest comparative period in the consolidated financial statements. The Company is currently assessing the impact that adoption of this guidance will have on its Consolidated Financial Statements and related disclosures.

In March 2016, the FASB issued ASU 2016-04, "Liabilities - Extinguishments of Liabilities (Subtopic 405-20): Recognition of Breakage for Certain Prepaid Stored-Value Products." This update requires that liabilities related to the sale of prepaid storedvalue products (gift cards) be adjusted periodically to reflect breakage. This guidance is effective for public business entities for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years, with early adoption permitted. The guidance can be applied using either a modified retrospective transition method or retrospectively to each period presented. The Company does not expect that the adoption of this guidance will have a material impact on our Consolidated Financial Statements and related disclosures.

In March 2016, the FASB issued ASU 2016-09, "Compensation - Stock Compensation (Topic 718): Improvements to Employee Share-Based Payment Accounting." The update addresses several aspects of the accounting for share-based compensation transactions including: (a) income tax consequences when awards vest or are settled, (b) classification of awards as either equity or liabilities, (c) a policy election to account for forfeitures as they occur rather than on an estimated basis and (d) classification of excess tax impacts on the statement of cash flows. The updated guidance is effective for fiscal years beginning after December 15,2016 , and interim periods within those fiscal years, with early adoption permitted. The Company will adopt this guidance in the first quarter of fiscal 2017. The amendments requiring recognition of excess tax benefits and tax deficiencies in the income statement will be applied prospectively. The inclusion of excess tax benefits and deficiencies as a component of our income tax expense will increase volatility within our provision for income taxes as the amount of excess tax benefits or deficiencies from share-based compensation awards are dependent on our stock price at the date the awards are exercised or settled. The Company does not expect the impact to be material to the consolidated results of operations taken as a whole; however, such determination is subject to change based on facts and circumstances at the time when awards vest or settle. The Company will elect to continue estimating forfeitures of share-based awards. The Company will elect to apply the amendments related to the presentation of excess tax benefits on the statement of cash flows using a retrospective transition method, and as a result, excess tax benefits related to share-based awards which are currently classified as cash flows from financing activities will be reclassified as cash flows from operating activities.

In August 2016, the FASB issued ASU 2016-15, "Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments." This update clarifies and provides specific guidance on eight cash flow classification issues that are not currently addressed by U.S. GAAP and thereby reduces the current and potential future diversity in practice. This guidance is effective for public business entities for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years, with early adoption permitted. The guidance should be applied using a retrospective transition method to each period presented. The Company does not expect that the adoption of this guidance will have a material impact on our Consolidated Financial Statements and related disclosures.

In January 2017, the FASB issued ASU 2017-04, "Intangibles - Goodwill and Other (Topic 350): Simplifying the Test for Goodwill Impairment." This update simplifies the measurement of goodwill by eliminating the second step from the goodwill impairment test, which requires the comparison of the implied fair value of goodwill with the current carrying amount of goodwill. Instead, under the amendments in this guidance, an entity shall perform a goodwill impairment test by comparing the fair value of each reporting unit with its carrying amount and an impairment charge is to be recorded for the amount, if any, in which the carrying value exceeds the reporting unit's fair value. This guidance should be applied prospectively and is effective for public business entities that are United States Securities and Exchange Commission filers for fiscal years beginning after December 15, 2019, with early adoption permitted for interim or annual goodwill impairment tests performed after January 1, 2017.

## Item 7A. Quantitative and Qualitative Disclosures About Market Risk

## Interest Rate Risk

We are exposed to interest rate changes, primarily as a result of borrowings under our senior credit facilities (as discussed in Note 5 to the Consolidated Financial Statements), which bear interest based on variable rates.

As discussed in Note 6 to the Consolidated Financial Statements, we entered into an interest rate swap agreement effective March 31,2016, which is intended to mitigate interest rate risk associated with future changes in interest rates for the term loan borrowings under the 2016 Senior Credit Facility. As a result of this interest rate swap, our exposure to interest rate volatility is minimized beginning in the second fiscal quarter of 2016. The interest rate swap agreement has been executed for risk management purposes and is not held for trading purposes.

A $1 \%$ change in interest rates on our variable rate debt in excess of that amount covered by the interest rate swap would have affected interest expense by approximately $\$ 1.5$ million, $\$ 1.1$ million, and $\$ 0.7$ million in the fiscal years ended December 31, 2016, December 26, 2015, and December 27, 2014, respectively. On a prospective basis, a $1 \%$ change in interest rates on our variable rate debt, in excess of that amount covered by the interest rate swap, existing as of December 31, 2016, would result in interest expense fluctuating approximately $\$ 0.9$ million per year.

## Purchase Price Volatility

Although we cannot determine the full effect of inflation and deflation on our operations, we believe our sales and results of operations are affected by both. We are subject to market risk with respect to the pricing of certain products and services, which include, among other items, grain, corn, steel, petroleum, cotton and other commodities as well as transportation services. Therefore, we may experience both inflationary and deflationary pressure on product cost, which may impact consumer demand and, as a result, sales and gross margin. Our strategy is to reduce or mitigate the effects of purchase price volatility, principally by taking advantage of vendor incentive programs, economies of scale from increased volume of purchases, adjusting retail prices and selectively buying from the most competitive vendors without sacrificing quality.

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## TRACTOR SUPPLY COMPANY

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## Management's Report on Internal Control Over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting (as defined in Rules 13a-15(f) under the Securities Exchange Act of 1934, as amended). The Company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Therefore, even those systems determined to be effective can provide only reasonable assurance with respect to financial statement preparation and presentation.

Management assessed the effectiveness of the Company's internal control over financial reporting as of December 31, 2016. In making this assessment, management used the criteria established in Internal Control - Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) (the COSO criteria). Based on this assessment, management believes that, as of December 31, 2016, the Company's internal control over financial reporting is effective based on those criteria.

Ernst \& Young LLP, the independent registered public accounting firm which also audited the Company's consolidated financial statements, has issued a report on the Company's internal control over financial reporting, which is included herein.
/s/ Gregory A. Sandfort

## Gregory A. Sandfort

Chief Executive Officer
February 23, 2017
/s/ Anthony F. Crudele

Anthony F. Crudele Executive Vice President Chief Financial Officer and Treasurer February 23, 2017

# Report of Independent Registered Public Accounting Firm 

## The Board of Directors and Stockholders of Tractor Supply Company

We have audited Tractor Supply Company's internal control over financial reporting as of December 31, 2016, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) (the COSO criteria). Tractor Supply Company's management is responsible for maintaining effective internal control over financial reporting, and for its assessment of the effectiveness of internal control over financial reporting included in the accompanying Management's Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In our opinion, Tractor Supply Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2016, based on the COSO criteria.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheets of Tractor Supply Company as of December 31, 2016 and December 26, 2015, and the related consolidated statements of income, comprehensive income, stockholders' equity, and cash flows for each of the three fiscal years in the period ended December 31, 2016, and our report dated February 23, 2017, expressed an unqualified opinion thereon.
/s/ Ernst \& Young LLP
Nashville, Tennessee
February 23, 2017

## Report of Independent Registered Public Accounting Firm

## The Board of Directors and Stockholders of Tractor Supply Company

We have audited the accompanying consolidated balance sheets of Tractor Supply Company as of December 31, 2016 and December 26, 2015, and the related consolidated statements of income, comprehensive income, stockholders' equity, and cash flows for each of the three fiscal years in the period ended December 31, 2016. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of Tractor Supply Company at December 31, 2016 and December 26, 2015, and the consolidated results of its operations and its cash flows for each of the three fiscal years in the period ended December 31, 2016, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), Tractor Supply Company's internal control over financial reporting as of December 31, 2016, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) and our report dated February 23, 2017, expressed an unqualified opinion thereon.
/s/ Ernst \& Young LLP
Nashville, Tennessee
February 23, 2017

## TRACTOR SUPPLY COMPANY

## CONSOLIDATED STATEMENTS OF INCOME <br> (in thousands, except per share amounts)

|  | Fiscal Year |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \mathbf{2 0 1 6} \\ \text { (53 weeks) } \end{gathered}$ |  | $\begin{gathered} 2015 \\ (52 \text { weeks) } \end{gathered}$ |  | 2014 <br> (52 weeks) |  |
| Net sales | \$ | 6,779,579 | \$ | 6,226,507 | \$ | 5,711,715 |
| Cost of merchandise sold |  | 4,454,377 |  | 4,083,333 |  | 3,761,300 |
| Gross profit |  | 2,325,202 |  | 2,143,174 |  | 1,950,415 |
| Selling, general and administrative expenses |  | 1,488,164 |  | 1,369,097 |  | 1,246,308 |
| Depreciation and amortization |  | 142,958 |  | 123,569 |  | 114,635 |
| Operating income |  | 694,080 |  | 650,508 |  | 589,472 |
| Interest expense, net |  | 5,810 |  | 2,891 |  | 1,885 |
| Income before income taxes |  | 688,270 |  | 647,617 |  | 587,587 |
| Income tax expense |  | 251,150 |  | 237,222 |  | 216,702 |
| Net income | \$ | 437,120 | \$ | 410,395 | \$ | 370,885 |
|  |  |  |  |  |  |  |
| Net income per share - basic | \$ | 3.29 | \$ | 3.03 | \$ | 2.69 |
| Net income per share - diluted | \$ | 3.27 | \$ | 3.00 | \$ | 2.66 |
|  |  |  |  |  |  |  |
| Weighted average shares outstanding |  |  |  |  |  |  |
| Basic |  | 132,905 |  | 135,582 |  | 137,769 |
| Diluted |  | 133,813 |  | 136,845 |  | 139,435 |
|  |  |  |  |  |  |  |
| Dividends declared per common share outstanding | \$ | 0.92 | \$ | 0.76 | \$ | 0.61 |

The accompanying notes are an integral part of these consolidated financial statements.

# TRACTOR SUPPLY COMPANY 

## CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(in thousands)

|  | Fiscal Year |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \hline 2016 \\ \text { (53 weeks) } \\ \hline \end{gathered}$ |  | $\begin{gathered} 2015 \\ \text { (52 weeks) } \end{gathered}$ |  | $\begin{gathered} 2014 \\ \text { (52 weeks) } \end{gathered}$ |  |
| Net income | \$ | 437,120 | \$ | 410,395 | \$ | 370,885 |
| Other comprehensive income: |  |  |  |  |  |  |
| Change in fair value of interest rate swap, net of taxes |  | 1,392 |  | - |  | - |
| Total other comprehensive income |  | 1,392 |  | - |  | - |
| Total comprehensive income | \$ | 438,512 | \$ | 410,395 | \$ | 370,885 |

The accompanying notes are an integral part of these consolidated financial statements.

## TRACTOR SUPPLY COMPANY <br> CONSOLIDATED BALANCE SHEETS (in thousands, except per share amounts)

|  | $\begin{gathered} \text { December 31, } \\ \hline 2016 \end{gathered}$ |  | $\begin{gathered} \text { December 26, } \\ 2015 \\ \hline \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| ASSETS |  |  |  |  |
| Current assets: |  |  |  |  |
| Cash and cash equivalents | \$ | 53,916 | \$ | 63,813 |
| Inventories |  | 1,369,656 |  | 1,284,375 |
| Prepaid expenses and other current assets |  | 90,557 |  | 87,510 |
| Income taxes receivable |  | 3,680 |  | 3,763 |
| Total current assets |  | 1,517,809 |  | 1,439,461 |
| Property and equipment: |  |  |  |  |
| Land |  | 94,940 |  | 86,991 |
| Buildings and improvements |  | 965,582 |  | 814,802 |
| Furniture, fixtures and equipment |  | 567,653 |  | 523,383 |
| Computer software and hardware |  | 224,370 |  | 180,020 |
| Construction in progress |  | 21,320 |  | 38,720 |
| Property and equipment, gross |  | 1,873,865 |  | 1,643,916 |
| Accumulated depreciation and amortization |  | $(911,557)$ |  | $(796,340)$ |
| Property and equipment, net |  | 962,308 |  | 847,576 |
| Goodwill and other intangible assets |  | 125,717 |  | 10,258 |
| Deferred income taxes |  | 45,218 |  | 55,194 |
| Other assets |  | 23,890 |  | 18,337 |
| Total assets | \$ | 2,674,942 | \$ | 2,370,826 |
| LIABILITIES AND STOCKHOLDERS' EQUITY |  |  |  |  |
| Current liabilities: |  |  |  |  |
| Accounts payable | \$ | 519,522 | \$ | 427,249 |
| Accrued employee compensation |  | 25,246 |  | 42,684 |
| Other accrued expenses |  | 215,650 |  | 195,024 |
| Current portion of long-term debt |  | 10,000 |  | - |
| Current portion of capital lease obligations |  | 1,294 |  | 878 |
| Income taxes payable |  | 5,482 |  | 5,449 |
| Total current liabilities |  | 777,194 |  | 671,284 |
| Long-term debt |  | 263,850 |  | 150,000 |
| Capital lease obligations, less current maturities |  | 25,919 |  | 16,992 |
| Deferred rent |  | 100,078 |  | 84,793 |
| Other long-term liabilities |  | 54,683 |  | 54,463 |
| Total liabilities |  | 1,221,724 |  | 977,532 |
| Stockholders' equity: |  |  |  |  |
| Preferred Stock, \$1.00 par value; 40 shares authorized; no shares issued |  | - |  | - |
| Common Stock, $\$ 0.008$ par value; 400,000 shares authorized at December 31, 2016 and December 26, 2015; 169,943 shares issued and 130,795 shares outstanding at December 31, 2016 and 168,974 shares issued and 134,224 shares outstanding at December 26, 2015 |  | 1,360 |  | 1,352 |
| Additional paid-in capital |  | 671,515 |  | 596,131 |
| Treasury stock, at cost, 39,148 shares at December 31, 2016 and 34,750 shares at December 26, 2015 |  | $(1,761,498)$ |  | $(1,429,790)$ |
| Accumulated other comprehensive income |  | 1,392 |  | - |
| Retained earnings |  | 2,540,449 |  | 2,225,601 |
| Total stockholders' equity |  | 1,453,218 |  | 1,393,294 |
| Total liabilities and stockholders' equity | \$ | 2,674,942 | \$ | 2,370,826 |

The accompanying notes are an integral part of these consolidated financial statements.

## TRACTOR SUPPLY COMPANY

CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (in thousands)

|  | Common Stock |  |  | AdditionalPaid-inCapital |  | Treasury Stock |  | Accum. Other Comp. Income |  | Retained <br> Earnings | TotalStockholdersEquity |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Shares | Dollars |  |  |  |  |  |  |  |  |  |  |
| Stockholders' equity at December 28, 2013 | 139,654 | \$ | 1,331 | \$ | 452,668 | \$ | $(838,588)$ | \$ | - | \$ 1,631,483 | \$ | 1,246,894 |
| Issuance of common stock under employee stock purchase plan | 79 |  | 1 |  | 4,326 |  |  |  |  |  |  | 4,327 |
| Exercise of stock options and restricted stock units | 1,313 |  | 10 |  | 23,746 |  |  |  |  |  |  | 23,756 |
| Stock compensation |  |  |  |  | 16,173 |  |  |  |  |  |  | 16,173 |
| Tax benefit of stock options exercised |  |  |  |  | 18,850 |  |  |  |  |  |  | 18,850 |
| Repurchase of shares to satisfy tax obligations |  |  |  |  | $(4,766)$ |  |  |  |  |  |  | $(4,766)$ |
| Repurchase of common stock | $(4,664)$ |  |  |  |  |  | $(298,497)$ |  |  |  |  | $(298,497)$ |
| Dividends paid |  |  |  |  |  |  |  |  |  | $(84,061)$ |  | $(84,061)$ |
| Net income |  |  |  |  |  |  |  |  |  | 370,885 |  | 370,885 |
| Stockholders' equity at December 27, 2014 | 136,382 |  | 1,342 |  | 510,997 |  | $(1,137,085)$ |  | - | 1,918,307 |  | 1,293,561 |
| Issuance of common stock under employee stock purchase plan | 68 |  | 1 |  | 4,709 |  |  |  |  |  |  | 4,710 |
| Exercise of stock options and restricted stock units | 1,190 |  | 9 |  | 36,970 |  |  |  |  |  |  | 36,979 |
| Stock compensation |  |  |  |  | 19,420 |  |  |  |  |  |  | 19,420 |
| Tax benefit of stock options exercised |  |  |  |  | 27,032 |  |  |  |  |  |  | 27,032 |
| Repurchase of shares to satisfy tax obligations |  |  |  |  | $(2,997)$ |  |  |  |  |  |  | $(2,997)$ |
| Repurchase of common stock | $(3,416)$ |  |  |  |  |  | $(292,705)$ |  |  |  |  | $(292,705)$ |
| Dividends paid |  |  |  |  |  |  |  |  |  | $(103,101)$ |  | $(103,101)$ |
| Net income |  |  |  |  |  |  |  |  |  | 410,395 |  | 410,395 |
| Stockholders' equity at December 26, 2015 | 134,224 |  | 1,352 |  | 596,131 |  | $(1,429,790)$ |  | - | 2,225,601 |  | 1,393,294 |
| Issuance of common stock under employee stock purchase plan | 70 |  | 1 |  | 4,808 |  |  |  |  |  |  | 4,809 |
| Exercise of stock options and restricted stock units | 899 |  | 7 |  | 36,194 |  |  |  |  |  |  | 36,201 |
| Stock compensation |  |  |  |  | 23,554 |  |  |  |  |  |  | 23,554 |
| Tax benefit of stock options exercised |  |  |  |  | 11,671 |  |  |  |  |  |  | 11,671 |
| Repurchase of shares to satisfy tax obligations |  |  |  |  | (843) |  |  |  |  |  |  | (843) |
| Repurchase of common stock | $(4,398)$ |  |  |  |  |  | $(331,708)$ |  |  |  |  | $(331,708)$ |
| Dividends paid |  |  |  |  |  |  |  |  |  | $(122,272)$ |  | $(122,272)$ |
| Change in fair value of interest rate swap, net of taxes |  |  |  |  |  |  |  |  | 1,392 |  |  | 1,392 |
| Net income |  |  |  |  |  |  |  |  |  | 437,120 |  | 437,120 |
| Stockholders' equity at December 31, 2016 | 130,795 | \$ | 1,360 | \$ | 671,515 |  | (1,761,498) | \$ | 1,392 | \$ 2,540,449 | \$ | 1,453,218 |

The accompanying notes are an integral part of these consolidated financial statements.

## TRACTOR SUPPLY COMPANY

 CONSOLIDATED STATEMENTS OF CASH FLOWS (in thousands)|  | Fiscal Year |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2016(53 weeks) |  | 2015(52 weeks) |  | 2014 <br> (52 weeks) |  |
| Cash flows from operating activities: |  |  |  |  |  |  |
| Net income | \$ | 437,120 | \$ | 410,395 | \$ | 370,885 |
| Adjustments to reconcile net income to net cash provided by operating activities: |  |  |  |  |  |  |
| Depreciation and amortization |  | 142,958 |  | 123,569 |  | 114,635 |
| Loss on disposition of property and equipment |  | 579 |  | 315 |  | 389 |
| Share-based compensation expense |  | 23,554 |  | 19,420 |  | 16,173 |
| Excess tax benefit of stock options exercised |  | $(11,671)$ |  | $(27,032)$ |  | $(18,850)$ |
| Deferred income taxes |  | 9,976 |  | $(5,450)$ |  | $(19,814)$ |
| Change in assets and liabilities: |  |  |  |  |  |  |
| Inventories |  | $(67,650)$ |  | $(168,925)$ |  | $(136,142)$ |
| Prepaid expenses and other current assets |  | 1,782 |  | $(21,066)$ |  | $(9,085)$ |
| Accounts payable |  | 82,477 |  | 56,426 |  | 54,336 |
| Accrued employee compensation |  | $(18,237)$ |  | 5,628 |  | $(13,517)$ |
| Other accrued expenses |  | 20,368 |  | 11,252 |  | 20,365 |
| Income taxes |  | 11,787 |  | 16,282 |  | 21,862 |
| Other |  | 5,997 |  | 8,366 |  | 7,941 |
| Net cash provided by operating activities |  | 639,040 |  | 429,180 |  | 409,178 |
| Cash flows from investing activities: |  |  |  |  |  |  |
| Capital expenditures |  | $(226,017)$ |  | $(236,496)$ |  | $(160,613)$ |
| Proceeds from sale of property and equipment |  | 362 |  | 584 |  | 331 |
| Acquisition of Petsense, net of cash acquired |  | $(143,610)$ |  | - |  | - |
| Net cash used in investing activities |  | $(369,265)$ |  | $(235,912)$ |  | $(160,282)$ |
| Cash flows from financing activities: |  |  |  |  |  |  |
| Borrowings under senior credit facility |  | 945,000 |  | 680,000 |  | 355,000 |
| Repayments under senior credit facility |  | $(820,000)$ |  | $(530,000)$ |  | $(355,000)$ |
| Debt issuance costs |  | $(1,380)$ |  | - |  | - |
| Excess tax benefit of stock options exercised |  | 11,671 |  | 27,032 |  | 18,850 |
| Principal payments under capital lease obligations |  | $(1,150)$ |  | (507) |  | (114) |
| Repurchase of shares to satisfy tax obligations |  | (843) |  | $(2,997)$ |  | $(4,766)$ |
| Repurchase of common stock |  | $(331,708)$ |  | $(292,705)$ |  | $(298,497)$ |
| Net proceeds from issuance of common stock |  | 41,010 |  | 41,689 |  | 28,083 |
| Cash dividends paid to stockholders |  | $(122,272)$ |  | $(103,101)$ |  | $(84,061)$ |
| Net cash used in financing activities |  | $(279,672)$ |  | $(180,589)$ |  | $(340,505)$ |
| Net change in cash and cash equivalents |  | $(9,897)$ |  | 12,679 |  | $(91,609)$ |
| Cash and cash equivalents at beginning of year |  | 63,813 |  | 51,134 |  | 142,743 |
| Cash and cash equivalents at end of year | \$ | 53,916 | \$ | 63,813 | \$ | 51,134 |
|  |  |  |  |  |  |  |
| Supplemental disclosures of cash flow information: |  |  |  |  |  |  |
| Cash paid during the year for: |  |  |  |  |  |  |
| Interest | \$ | 6,124 | \$ | 2,283 | \$ | 906 |
| Income taxes |  | 232,258 |  | 226,968 |  | 213,637 |
|  |  |  |  |  |  |  |
| Supplemental disclosures of non-cash activities: |  |  |  |  |  |  |
| Property and equipment acquired through capital lease | \$ | 10,493 | \$ | 13,207 | \$ | 4,042 |
| Non-cash accruals for construction in progress |  | 12,303 |  | 16,050 |  | 14,843 |

The accompanying notes are an integral part of these consolidated financial statements.

# TRACTOR SUPPLY COMPANY <br> NOTES TO CONSOLIDATED FINANCIAL STATEMENTS 

## Note 1 - Significant Accounting Policies:

## Nature of Business

Founded in 1938, Tractor Supply Company is the largest operator of rural lifestyle retail stores in the United States. The Company is focused on supplying the needs of recreational farmers and ranchers and those who enjoy the rural lifestyle, as well as tradesmen and small businesses. Stores are located primarily in towns outlying major metropolitan markets and in rural communities. At December 31, 2016, the Company operated a total of 1,738 retail stores in 49 states ( 1,595 Tractor Supply and Del's retail stores and 143 Petsense retail stores) and also offered a number of products online at TractorSupply.com.

## Basis of Presentation

In the first quarter of fiscal 2016, the Company adopted accounting guidance which affected the presentation of deferred tax liabilities and assets as discussed in Note 15. This guidance was applied retrospectively for all periods presented and therefore, the presentation of previously reported deferred tax assets has been changed to conform to the presentation used in the current period. The adoption of this guidance resulted in the reclassification of deferred tax assets of $\$ 46.0$ million from current assets to noncurrent assets in the Consolidated Balance Sheets as of December 26, 2015.

## Fiscal Year

The Company's fiscal year includes 52 or 53 weeks and ends on the last Saturday of the calendar year. The fiscal year ended December 31, 2016 consisted of 53 weeks and the fiscal years ended December 26, 2015 and December 27, 2014 consisted of 52 weeks.

## Principles of Consolidation

The accompanying consolidated financial statements include the accounts of the Company and its subsidiaries. All intercompany accounts and transactions have been eliminated.

## Management Estimates

The preparation of consolidated financial statements in conformity with accounting principles generally accepted in the United States inherently requires estimates and assumptions by management of the Company that affect the reported amounts of assets and liabilities, revenues and expenses and related disclosures. Actual results could differ from those estimates.

Significant estimates and assumptions by management primarily impact the following key financial statement areas:

## Inventory Valuation

## Inventory Impairment Risk

The Company identifies potentially excess and slow-moving inventory by evaluating turn rates, historical and expected future sales trends, age of merchandise, overall inventory levels, current cost of inventory and other benchmarks. The Company has established an inventory valuation reserve to recognize the estimated impairment in value (i.e. - an inability to realize the full carrying value) based on the Company's aggregate assessment of these valuation indicators under prevailing market conditions and current merchandising strategies. The Company does not believe its merchandise inventories are subject to significant risk of obsolescence in the near term. However, changes in market conditions or consumer purchasing patterns could result in the need for additional reserves.

## Shrinkage

The Company performs physical inventories at least once a year for each store that has been open more than 12 months, and the Company has established a reserve for estimating inventory shrinkage between physical inventory counts. The reserve is established by assessing the chain-wide average shrinkage experience rate, applied to the related periods' sales volumes. Such assessments are updated on a regular basis for the most recent individual store experiences. The estimated store inventory shrink rate is based on historical experience. The Company believes historical rates are a reasonably accurate reflection of future trends.

## Vendor Funding

The Company receives funding from substantially all of its significant merchandise vendors, in support of its business initiatives, through a variety of programs and arrangements, including guaranteed vendor support funds ("vendor support") and volume-based rebate funds ("volume rebates"). The amounts received are subject to terms of vendor agreements, most of which are "evergreen," reflecting the on-going relationship with our significant merchandise vendors. Certain of the Company's agreements, primarily volume rebates, are renegotiated annually, based on expected annual purchases of the vendor's product. Vendor funding is initially deferred as a reduction of the purchase price of inventory, and then recognized as a reduction of cost of merchandise as the related inventory is sold.

During interim periods, the amount of vendor support and volume rebates are estimated based upon initial commitments and anticipated purchase levels with applicable vendors. The estimated purchase volume (and related vendor funding) is based on the Company's current knowledge of inventory levels, sales trends and expected customer demand, as well as planned new store openings and relocations. Although the Company believes it can reasonably estimate purchase volume and related volume rebates at interim periods, it is possible that actual year-end results could be different from previously estimated amounts.

## Freight

The Company incurs various types of transportation and delivery costs in connection with inventory purchases and distribution. Such costs are included as a component of the overall cost of inventories (on an aggregate basis) and recognized as a component of cost of merchandise sold as the related inventory is sold.

## Self-Insurance Reserves

The Company self-insures a significant portion of its employee medical insurance, workers' compensation insurance and general liability (including product liability) insurance plans. The Company has stop-loss insurance policies to protect it from individual losses over specified dollar values. For self-insured employee medical claims, we have a stop loss limit of \$300,000 per person per year. Our deductible or self-insured retention, as applicable, for each claim involving workers' compensation insurance and general liability insurance is limited to $\$ 500,000$ and our Texas Work Injury Policy is limited to $\$ 750,000$. Further, we maintain a commercially reasonable umbrella/excess policy that covers liabilities in excess of the primary insurance policy limits.

The full extent of certain claims, especially workers' compensation and general liability claims, may not become fully determined for several years. Therefore, the Company estimates potential obligations based upon historical claims experience, industry factors, severity factors and other actuarial assumptions. Although the Company believes the reserves established for these obligations are reasonably estimated, any significant change in the number of claims or costs associated with claims made under these plans could have a material effect on the Company's financial results. At December 31, 2016, the Company had recorded net insurance reserves of $\$ 54.3$ million compared to $\$ 51.2$ million at December 26, 2015.

## Sales Tax Audit Reserve

A portion of the Company's sales are to tax-exempt customers, predominantly agricultural-based. The Company obtains exemption information as a necessary part of each tax-exempt transaction. Many of the states in which the Company conducts business will perform audits to verify the Company's compliance with applicable sales tax laws. The business activities of the Company's customers and the intended use of the unique products sold by the Company create a challenging and complex tax compliance environment. These circumstances also create some risk that the Company could be challenged as to the accuracy of the Company's sales tax compliance.

The Company reviews past audit experience and assessments with applicable states to continually determine if it has potential exposure for non-compliance. Any estimated liability is based on an initial assessment of compliance risk and historical experience with each state. The Company continually reassesses the exposure based on historical audit results, changes in policies, preliminary and final assessments made by state sales tax auditors, and additional documentation that may be provided to reduce the assessment. The reserve for these tax audits can fluctuate depending on numerous factors, including the complexity of agricultural-based exemptions, the ambiguity in state tax regulations, the number of ongoing audits and the length of time required to settle with the state taxing authorities.

## Tax Contingencies

The Company's income tax returns are periodically audited by United States federal and state tax authorities. These audits include questions regarding tax filing positions, including the timing and amount of deductions and the allocation of income among various tax jurisdictions. At any time, multiple tax years are subject to audit by the various tax authorities. In evaluating the exposures associated with the Company's various tax filing positions, the Company records a liability for uncertain tax
positions taken or expected to be taken in a tax return. A number of years may elapse before a particular matter, for which the Company has established a reserve, is audited and fully resolved or clarified. The Company recognizes the effect of income tax positions only if those positions are more likely than not of being sustained. Recognized income tax positions are measured at the largest amount that is greater than $50 \%$ likely of being realized. Changes in recognition or measurement are reflected in the period in which the change in judgment occurs. The Company adjusts its tax contingencies reserve and income tax provision in the period in which actual results of a settlement with tax authorities differs from the established reserve, the statute of limitations expires for the relevant tax authority to examine the tax position or when more information becomes available.

The Company's tax contingencies reserve contains uncertainties because management is required to make assumptions and apply judgment to estimate the exposures associated with the Company's various filing positions and whether or not the minimum requirements for recognition of tax benefits have been met.

The effective income tax rate is also affected by changes in tax law, the tax jurisdiction of new stores or business ventures, the level of earnings and the results of tax audits.

## Impairment of Long-Lived Assets

Long-lived assets are evaluated for impairment whenever events or changes in circumstances indicate that the carrying value may not be recoverable.

When evaluating long-lived assets for potential impairment, the Company first compares the carrying value of the asset to the asset's estimated undiscounted future cash flows. The evaluation for long-lived assets is performed at the lowest level of identifiable cash flows, which is generally the individual store level. The significant assumptions used to determine estimated undiscounted cash flows include cash inflows and outflows directly resulting from the use of those assets in operations, including margin on net sales, payroll and related items, occupancy costs, insurance allocations and other costs to operate a store. If the estimated future cash flows are less than the carrying value of the asset, the Company calculates an impairment loss. The impairment loss calculation compares the carrying value of the asset to the asset's estimated fair value, which may be based on an estimated future cash flow model. The Company recognizes an impairment loss if the amount of the asset's carrying value exceeds the asset's estimated fair value. If the Company recognizes an impairment loss, the adjusted carrying amount of the asset becomes its new cost basis. For a depreciable long-lived asset, the new cost basis will be depreciated (amortized) over the remaining estimated useful life of that asset.

No significant impairment charges were recognized in fiscal 2016, 2015 or 2014. Impairment charges are included in selling, general and administrative ("SG\&A") expenses in the Consolidated Statements of Income.

## Impairment of Indefinite-Lived Intangible Assets

Goodwill and other indefinite-lived intangible assets are evaluated for impairment annually, or whenever events or changes in circumstances indicate that the carrying value may not be recoverable.

In accordance with the accounting standards, an entity has the option first to assess qualitative factors to determine whether events and circumstances indicate that it is more likely than not that goodwill or an indefinite-lived intangible asset is impaired. If after such assessment an entity concludes that the asset is not impaired, then the entity is not required to take further action. However, if an entity concludes otherwise, then it is required to determine the fair value of the asset using a quantitative impairment test, and if impaired, the associated assets must be written down to fair value.

The quantitative test for goodwill impairment is a two-step process. The first step of the goodwill impairment test, used to identify the potential for impairment, compares the fair value of a reporting unit with the carrying value of its net assets, including goodwill. If the fair value of the reporting unit is less than the carrying value of the reporting unit, the second step of the goodwill impairment test is performed to measure the amount of impairment loss to be recorded, if any. The second step, if required, would compare the implied fair value of goodwill with the current carrying amount of goodwill. If the implied fair value of goodwill is less than the carrying value, an impairment charge would be recorded to the Company's operations. We determine fair values for each reporting unit using the market approach, when available and appropriate, or the income approach, or a combination of both. If multiple valuation methodologies are used, the results are weighted appropriately.

The quantitative impairment test for other indefinite-lived intangible assets involves comparing the carrying amount of the asset to the sum of the discounted cash flows expected to be generated by the asset. If the implied fair value of the indefinitelived intangible asset is less than the carrying value, an impairment charge would be recorded to the Company's operations.

No significant impairment charges were recognized in fiscal 2016, 2015 or 2014. Impairment charges are included in SG\&A expenses in the Consolidated Statements of Income.

## Revenue Recognition and Sales Returns

The Company recognizes revenue at the time the customer takes possession of merchandise. If the Company receives payment before completion of its customer obligations (as per the Company's special order and layaway programs), the revenue is deferred until the customer takes possession of the merchandise and the sale is complete.

The Company is required to collect certain taxes and fees from customers on behalf of government agencies and remit such collections to the applicable governmental entity on a periodic basis. These taxes and fees are collected from customers at the time of purchase, but are not included in net sales. The Company records a liability upon collection from the customer and relieves the liability when payments are remitted to the applicable governmental agency.

The Company estimates a liability for sales returns based on a rolling average of historical return trends, and the Company believes that its estimate for sales returns is an accurate reflection of future returns associated with past sales. However, as with any estimate, refund activity may vary from estimated amounts. At December 31, 2016, the Company had a liability of $\$ 4.2$ million reserved for sales returns compared to $\$ 3.3$ million at December 26, 2015.

The Company recognizes revenue when a gift card or merchandise return card is redeemed by the customer and recognizes income when the likelihood of the gift card or merchandise return card being redeemed by the customer is remote (referred to as "breakage"). The gift cards and merchandise return card breakage rate is based upon historical redemption patterns and income is recognized for unredeemed gift cards and merchandise return cards in proportion to those historical redemption patterns. The Company recognized breakage income of $\$ 1.9$ million, $\$ 1.6$ million and $\$ 0.9$ million in fiscal 2016, 2015 and 2014, respectively.

## Cost of Merchandise Sold

Cost of merchandise sold includes the total cost of products sold; freight expenses associated with moving merchandise inventories from vendors to distribution facilities, from distribution facilities to retail stores, and from one distribution facility to another; vendor support; damaged, junked or defective product; cash discounts from payments to merchandise vendors; and adjustments for shrinkage (physical inventory losses), lower of cost or net realizable value, slow moving product and excess inventory quantities.

## Selling, General and Administrative Expenses

SG\&A expenses include payroll and benefit costs for retail, distribution facility and corporate employees; occupancy costs of retail, distribution and corporate facilities; advertising; tender costs, including bank charges and costs associated with credit and debit card interchange fees; outside service fees; and other administrative costs, such as computer maintenance, supplies, travel and lodging.

## Advertising Costs

Advertising costs consist of expenses incurred in connection with newspaper circulars and customer-targeted direct mail, as well as limited television, radio, digital and social media offerings and other promotions. Costs are expensed when incurred with the exception of television advertising and circular and direct mail promotions, which are expensed upon first showing. Advertising expenses for fiscal 2016, 2015 and 2014 were approximately $\$ 84.2$ million, $\$ 73.9$ million and $\$ 70.4$ million, respectively. Prepaid advertising costs were approximately $\$ 2.1$ million and $\$ 1.6$ million at December 31, 2016 and December 26, 2015, respectively.

## Warehousing and Distribution Facility Costs

Costs incurred at the Company's distribution facilities for receiving, warehousing and preparing product for delivery are expensed as incurred and are included in SG\&A expenses in the Consolidated Statements of Income. Because the Company does not include these costs in cost of sales, the Company's gross margin may not be comparable to other retailers that include these costs in the calculation of gross margin. Distribution facility costs including depreciation for fiscal 2016, 2015 and 2014 were approximately $\$ 166.8$ million, $\$ 145.4$ million and $\$ 121.1$ million, respectively.

## Pre-opening Costs

Non-capital expenditures incurred in connection with opening new stores, primarily payroll and rent, are expensed as incurred. Preopening costs were approximately $\$ 9.9$ million, $\$ 9.6$ million and $\$ 8.9$ million in fiscal 2016, 2015 and 2014, respectively.

## Share-Based Compensation

The Company has share-based compensation plans covering certain members of management and non-employee directors, which include incentive and non-qualified stock options and restricted stock units. In addition, the Company offers an Employee Stock Purchase Plan ("ESPP") to most employees that work at least 20 hours per week.

The Company estimates the fair value of its stock option awards at the date of grant utilizing a Black-Scholes option pricing model. The Black-Scholes option valuation model was developed for use in estimating the fair value of short-term traded options that have no vesting restrictions and are fully transferable. However, key assumptions used in the Black-Scholes model are adjusted to incorporate the unique characteristics of the Company's stock option awards. Option pricing models and generally accepted valuation techniques require management to make subjective assumptions including expected stock price volatility, expected dividend yield, risk-free interest rate and expected life. The Company relies on a blended volatility approach, weighting historical volatility trends and implied volatility, to estimate future volatility assumptions. The risk-free interest rates used were actual U.S. Treasury Constant Maturity rates for bonds matching the expected term of the option on the date of grant. The expected term of the option on the date of grant was estimated based on the Company's historical experience for similar options.

In addition to the key assumptions used in the Black-Scholes model, the estimated forfeiture rate at the time of valuation (which is based on historical experience for similar options) is a critical assumption, as it reduces expense ratably over the vesting period. The Company adjusts this estimate periodically, based on the extent to which actual forfeitures differ, or are expected to differ, from the previous estimate.

The fair value of the Company's restricted stock unit awards is the closing price of the Company's common stock the day preceding the grant date, discounted for the expected dividend yield over the term of the award.

The Company believes its estimates are reasonable in the context of historical experience. Future results will depend on, among other matters, levels of share-based compensation granted in the future, actual forfeiture rates and the timing of option exercises.

## Depreciation and Amortization

Depreciation includes expenses related to all retail, distribution facility and corporate assets. Amortization includes expenses related to definite-lived intangible assets.

## Income Taxes

The Company uses the asset and liability method to account for income taxes whereby deferred tax assets and liabilities are determined based on differences between the financial carrying amounts of assets and liabilities and their tax bases. Deferred tax assets and liabilities are measured using the enacted tax rates and laws that are anticipated to be in effect when temporary differences reverse or are settled. The effect of a tax rate change is recognized in the period in which the law is enacted in the provision for income taxes. The Company records a valuation allowance when it is more likely than not that a deferred tax asset will not be realized.

## Net Income Per Share

Basic net income per share is calculated by dividing net income by the weighted average number of shares outstanding during the period. Diluted net income per share is calculated by dividing net income by the weighted average diluted shares outstanding. Dilutive shares are computed using the treasury stock method for stock options and restricted stock units.

## Cash and Cash Equivalents

Temporary cash investments, with a maturity of three months or less when purchased, are considered to be cash equivalents. The majority of payments due from banks for customer credit cards are classified as cash and cash equivalents, as they generally settle within 24-48 hours.

Sales generated through the Company's private label credit cards are not reflected as accounts receivable. Under an agreement with Citi Cards, a division of Citigroup, consumer and business credit is extended directly to customers by Citigroup. All credit program and related services are performed and controlled directly by Citigroup. Payments due from Citigroup are classified as cash and cash equivalents as they generally settle within 24-48 hours.

## Fair Value of Financial Instruments

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability (an exit price) in an orderly transaction between market participants on the measurement date. The Company uses a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value. These tiers include: Level 1, defined as observable inputs such as quoted prices in active markets; Level 2, defined as inputs other than quoted prices in active markets that are either directly or indirectly observable; and Level 3, defined as unobservable inputs in which little or no market data exists, therefore requiring an entity to develop its own assumptions.

The Company's financial instruments consist of cash and cash equivalents, short-term receivables, trade payables, debt instruments and an interest rate swap. Due to their short-term nature, the carrying values of cash and cash equivalents, short-term receivables and trade payables approximate current fair value at each balance sheet date. The Company had $\$ 275.0$ million in borrowings under the senior credit facility (as discussed in Note 5) at December 31, 2016, and $\$ 150.0$ million in borrowings as of December 26, 2015. Based on current market interest rates (Level 2 inputs), the carrying value of our borrowings under the senior credit facility approximates fair value for each period reported. The fair value of the Company's interest rate swap is determined based on the present value of expected future cash flows using forward rate curves (a Level 2 input). As described in further detail in Note 6, the fair value of the interest rate swap, excluding accrued interest, is a $\$ 2.8$ million asset at December 31, 2016. The interest rate swap did not have a fair value at December 26, 2015, as it was not in place at that date as described in Note 6.

## Derivative Financial Instruments

The Company accounts for derivative financial instruments in accordance with applicable accounting standards for such instruments and hedging activities, which require that all derivatives are recorded on the balance sheet at fair value. The accounting for changes in the fair value of derivatives depends on the intended use of the derivative, whether the Company has elected to designate a derivative in a hedging relationship and apply hedge accounting and whether the hedging relationship has satisfied the criteria necessary to apply hedge accounting.

Derivatives designated and qualifying as a hedge of the exposure to changes in the fair value of an asset, liability, or firm commitment attributable to a particular risk are considered fair value hedges. Derivatives designated and qualifying as a hedge of the exposure to variability in expected future cash flows, or other types of forecasted transactions, are considered cash flow hedges. Hedge accounting generally provides for the matching of the timing of gain or loss recognition on the hedging instrument with the recognition of the changes in the fair value of the hedged asset or liability that are attributable to the hedged risk in a fair value hedge or the earnings effect of the hedged forecasted transactions in a cash flow hedge. The Company may enter into derivative contracts that are intended to economically hedge a certain portion of its risk, even though hedge accounting does not apply or the Company elects not to apply the hedge accounting standards.

## Inventories

Inventories are stated at the lower of cost, as determined by the average cost method, or net realizable value. Inventory cost consists of the direct cost of merchandise including freight. Inventories are net of shrinkage, obsolescence, other valuations and vendor allowances.

## Property and Equipment

Property and equipment are carried at cost. Depreciation is recorded using the straight-line method over the estimated useful lives of the assets. Improvements to leased premises are amortized using the straight-line method over the initial term of the lease or the useful life of the improvement, whichever is less. The following estimated useful lives are generally applied:

|  | Life |
| :--- | :---: |
|  | $30-35$ years |
| Leasehold and building improvements | $5-35$ years |
| Furniture, fixtures and equipment | $5-10$ years |
| Computer software and hardware | $3-5$ years |

The Company entered into agreements with various governmental entities in the states of Kentucky, Georgia and Tennessee to implement tax abatement plans related to its distribution center in Franklin, Kentucky (Simpson County), its distribution center in Macon, Georgia (Bibb County) and its Store Support Center in Brentwood, Tennessee (Williamson County). The tax abatement
plans provide for reduction of real property taxes for specified time frames by legally transferring title to its real property in exchange for industrial revenue bonds. This property was then leased back to the Company. No cash was exchanged.

The lease payments are equal to the amount of the payments on the bonds. The tax abatement period extends through the term of the lease, which coincides with the maturity date of the bonds. At any time, the Company has the option to purchase the real property by paying off the bonds, plus $\$ 1$. The terms and amounts authorized and drawn under each industrial revenue bond agreement are outlined as follows, as of December 31, 2016:

|  |  | Bond Authorized <br> Amount <br> (in millions) |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Bond Term |  | 54.0 | Amount Drawn <br> (in millions) |  |  |
|  | Franklin, Kentucky Distribution Center | 30 years | $\$$ | 58.0 | $\$$ |
| Macon, Georgia Distribution Center | 15 years | $\$$ | 78.0 | $\$$ | 51.8 |
| Brentwood, Tennessee Store Support Center | 10 years | $\$$ |  | 49.9 |  |

Due to the form of these transactions, the Company has not recorded the bonds or the lease obligation associated with the sale lease-back transaction. The original cost of the Company's property and equipment is recorded on the balance sheet and is being depreciated over its estimated useful life.

## Capitalized Software Costs

The Company capitalizes certain costs related to the acquisition and development of software and amortizes these costs using the straight-line method over the estimated useful life of the software, which is three to five years. Computer software consists primarily of third-party software purchased for internal use. A subsequent addition, modification or upgrade to internal-use software is capitalized to the extent that it enhances the software's functionality or extends its useful life. These costs are included in computer software and hardware in the accompanying Consolidated Balance Sheets. Certain software costs not meeting the criteria for capitalization are expensed as incurred.

## Store Closing Costs

The Company regularly evaluates the performance of its stores and periodically closes those that are under-performing. The Company records a liability for costs associated with an exit or disposal activity when the liability is incurred, usually in the period the store closes. Store closing costs were not significant to the results of operations for any of the fiscal years presented.

## Leases

Assets under capital leases are amortized in accordance with the Company's normal depreciation policy for owned assets or over the lease term, if shorter, and the related charge to operations is included in depreciation expense in the Consolidated Statements of Income.

Certain operating leases include rent increases during the lease term. For these leases, the Company recognizes the related rental expense on a straight-line basis over the term of the lease (which includes the pre-opening period of construction, renovation, fixturing and merchandise placement) and records the difference between the expense charged to operations and amounts paid as a deferred rent liability.

The Company occasionally receives reimbursements from landlords to be used towards improving the related store to be leased. Leasehold improvements are recorded at their gross costs, including items reimbursed by landlords. Related reimbursements are deferred and amortized on a straight-line basis as a reduction of rent expense over the applicable lease term.

## Note 2 - Share-Based Compensation:

Share-based compensation includes stock option and restricted stock unit awards and certain transactions under the Company's ESPP. Share-based compensation expense is recognized based on the grant date fair value of all stock option and restricted stock unit awards plus a discount on shares purchased by employees as a part of the ESPP. The discount under the ESPP represents the difference between the purchase date market value and the employee's purchase price.

There were no significant modifications to the Company's share-based compensation plans during fiscal 2016. At December 31, 2016, the Company had approximately 3.8 million shares available for future equity awards under the Company's 2009 Stock Incentive Plan.

Share-based compensation expense, including changes in expense for modifications of awards, was $\$ 23.6$ million, $\$ 19.4$ million and $\$ 16.2$ million for fiscal 2016, 2015 and 2014, respectively.

## Stock Options

Under the Company's 2009 Stock Incentive Plan, options may be granted to current or prospective officers or employees, nonemployee directors and consultants. The per share exercise price of options granted shall not be less than the fair market value of the stock on the date of grant and such options will expire no later than ten years from the date of grant. Vesting of options commences at various anniversary dates following the dates of grant.

The fair value is separately estimated for each option grant. The fair value of each option is recognized as compensation expense ratably over the vesting period. The Company has estimated the fair value of all stock option awards as of the date of the grant by applying a Black-Scholes pricing valuation model. The application of this valuation model involves assumptions that are judgmental and highly sensitive in the determination of compensation expense. The ranges of key assumptions used in determining the fair value of options granted during fiscal 2016, 2015 and 2014, as well as a summary of the methodology applied to develop each assumption, are as follows:

|  | Fiscal Year |  |  |
| :---: | :---: | :---: | :---: |
|  | 2016 | 2015 | 2014 |
| Expected price volatility | 25.5-27.9\% | 27.3-28.8\% | 28.0-29.3\% |
| Risk-free interest rate | 0.9-1.3\% | 1.2-1.5\% | 1.1-1.3\% |
| Weighted average expected lives (in years) | 4.4 | 4.5 | 4.5 |
| Forfeiture rate | 7.1\% | 6.9\% | 6.9\% |
| Dividend yield | 0.9\% | 1.0\% | 0.8\% |

Expected Price Volatility - This is a measure of the amount by which a price has fluctuated or is expected to fluctuate. The Company uses a blended volatility approach, weighting (i) actual historical changes in the market value of the stock at $75 \%$ and (ii) average implied volatility using tradable option data at $25 \%$. To calculate historical changes in market value, the Company uses daily market value changes from the date of grant over a past period generally representative of the expected life of the options to determine volatility. To derive implied volatility, the Company relies on publicly traded options, with maturities of six months or greater. The Company believes this blended calculation of historical and expected price volatility provides the most relevant indicator of future volatility. An increase in the expected volatility will increase compensation expense.

Risk-Free Interest Rate - This is the United States Treasury Constant Maturity rate over a term equal to the expected life of the option. An increase in the risk-free interest rate will increase compensation expense.

Weighted Average Expected Lives - This is the period of time over which the options granted are expected to remain outstanding and is based on historical experience. Options granted generally have a maximum term of ten years. An increase in the expected life will increase compensation expense.

Forfeiture Rate - This is the estimated percentage of options granted that are expected to be forfeited or canceled before becoming fully vested. This estimate is based on historical experience. An increase in the forfeiture rate will decrease compensation expense.

Dividend Yield -This is the estimated dividend yield for the weighted average expected life of the option granted. An increase in the dividend yield will decrease compensation expense.

The Company issues shares for options when exercised. A summary of stock option activity is as follows:

|  | Options | Weighted Average Exercise Price |  | Weighted Average Fair Value |  | Weighted Average Remaining Contractual Term | AggregateIntrinsicValue(in thousands) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Outstanding December 28, 2013 | 4,309,048 | \$ | 30.72 |  |  | 7.1 | \$ | 193,123 |
| Granted | 1,167,060 |  | 64.08 | \$ | 15.36 |  |  |  |
| Exercised | $(1,179,175)$ |  | 20.15 |  |  |  |  |  |
| Canceled | $(213,507)$ |  | 57.14 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Outstanding December 27, 2014 | 4,083,426 | \$ | 41.93 |  |  | 7.2 | \$ | 146,967 |
| Granted | 1,080,490 |  | 83.70 | \$ | 19.53 |  |  |  |
| Exercised | $(1,116,828)$ |  | 33.11 |  |  |  |  |  |
| Canceled | $(185,582)$ |  | 67.28 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Outstanding December 26, 2015 | 3,861,506 | \$ | 54.95 |  |  | 7.1 | \$ | 119,050 |
| Granted | 1,150,941 |  | 86.05 | \$ | 19.27 |  |  |  |
| Exercised | $(851,118)$ |  | 42.53 |  |  |  |  |  |
| Canceled | $(187,582)$ |  | 80.01 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Outstanding December 31, 2016 | 3,973,747 | \$ | 65.43 |  |  | 6.9 | \$ | 59,601 |
|  |  |  |  |  |  |  |  |  |
| Exercisable at December 31, 2016 | 2,011,529 | \$ | 48.98 |  |  | 5.5 | \$ | 56,198 |

The aggregate intrinsic values in the table above represent the total difference between the Company's closing stock price at each year-end and the option exercise price, multiplied by the number of in-the-money options at each year-end. As of December 31, 2016, total unrecognized compensation expense related to non-vested stock options was approximately $\$ 21.3$ million with a weighted average expense recognition period of 1.7 years.

There were no material modifications to options in fiscal 2016, 2015 or 2014.

Other information relative to option activity during fiscal 2016, 2015 and 2014 is as follows (in thousands):

|  | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total fair value of stock options vested | \$ | 15,184 | \$ | 13,207 | \$ | 10,855 |
| Total intrinsic value of stock options exercised | \$ | 39,696 | \$ | 60,082 | \$ | 60,656 |

## Restricted Stock Units

The Company issues shares for restricted stock unit awards once vesting occurs and related restrictions lapse. The units vest over a one to four year term; some plan participants have elected to defer receipt of shares of common stock upon vesting of restricted stock units, and as a result, shares are not issued until a later date. The status of restricted stock units is presented below:

| Restricted Stock Units | Shares | Weighted Average Grant <br> Date Fair Value |  |
| :---: | :---: | :---: | :---: |
| Restricted at December 28, 2013 | 413,158 | \$ | 26.12 |
| Granted | 97,817 |  | 70.09 |
| Exercised | $(212,156)$ |  | 21.91 |
| Forfeited | $(21,472)$ |  | 54.54 |
|  |  |  |  |
| Restricted at December 27, 2014 | 277,347 | \$ | 42.64 |
| Granted | 56,052 |  | 84.86 |
| Exercised | $(107,548)$ |  | 25.97 |
| Forfeited | $(6,234)$ |  | 63.57 |
|  |  |  |  |
| Restricted at December 26, 2015 | 219,617 | \$ | 60.99 |
| Granted | 59,586 |  | 83.22 |
| Exercised | $(58,503)$ |  | 52.51 |
| Forfeited | $(26,669)$ |  | 76.51 |
|  |  |  |  |
| Restricted at December 31, 2016 | 194,031 | \$ | 68.04 |

Other information relative to restricted stock unit activity during fiscal 2016, 2015 and 2014 is as follows (in thousands):

|  | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total grant date fair value of restricted stock units vested and issued | \$ | 3,072 | \$ | 2,793 | \$ | 4,647 |
| Total intrinsic value of restricted stock units vested and issued | \$ | 5,104 | \$ | 9,139 | \$ | 13,205 |

For the majority of restricted stock units granted, the number of shares issued on the date the restricted stock units vest is net of shares withheld by the Company for the minimum statutory tax withholding requirements, which the Company pays on behalf of its employees. The Company issued $48,267,72,206$, and 134,964 shares as a result of vested restricted stock units during fiscal 2016, 2015 and 2014, respectively. Although shares withheld are not issued, they are treated similar to common stock repurchases as they reduce the number of shares that would have been issued upon vesting. The amounts are net of $10,236,35,342$, and 77,192 shares withheld to satisfy $\$ 0.8$ million, $\$ 3.0$ million, and $\$ 4.8$ million of employees' tax obligations during fiscal 2016, 2015 and 2014, respectively.

There were no material modifications to restricted stock units in fiscal 2016, 2015 or 2014.
As of December 31, 2016, total unrecognized compensation expense related to non-vested restricted stock units was approximately $\$ 5.4$ million with a weighted average expense recognition period of 1.6 years.

## Employee Stock Purchase Plan

The ESPP provides Company employees the opportunity to purchase, through payroll deductions, shares of common stock at a $15 \%$ discount. Pursuant to the terms of the ESPP, the Company issued $69,562,68,428$ and 78,670 shares of common stock during fiscal 2016, 2015 and 2014, respectively. The total cost related to the ESPP, including the compensation expense calculations, was approximately $\$ 1.1$ million, $\$ 1.1$ million and $\$ 1.0$ million in fiscal 2016,2015 and 2014 , respectively. There are a maximum of 16.0 million shares of common stock that are reserved under the ESPP. At December 31, 2016, there were approximately 12.1 million remaining shares of common stock reserved for future issuance under the ESPP.

## Note 3 - Acquisition of Petsense:

On September 29, 2016, the Company completed the acquisition of Petsense. Headquartered in Scottsdale, Arizona, Petsense is a small-box pet specialty supply retailer focused on meeting the needs of pet owners, primarily in small and mid-size communities, and offering a variety of pet products and services. Pursuant to the agreement governing the transaction, the Company acquired all the outstanding equity interests in Petsense for an all-cash purchase price of $\$ 145.7$ million. The acquisition was financed with cash-on-hand and revolver borrowings under the 2016 Senior Credit Facility (as defined in Note 5).

The total consideration transferred in connection with the Petsense acquisition has been allocated to the assets acquired and liabilities assumed based upon their respective fair values. The fair value of the assets acquired and liabilities assumed is estimated based on one or a combination of income, cost or market approaches as determined based on the nature of the asset or liability and the level of inputs available. With respect to assets and liabilities, the determination of fair value requires management to make subjective judgments as to projections of future operating performance, the appropriate discount rate to apply, long-term growth rates, etc. (i.e. - unobservable inputs classified as Level 3 inputs under the fair value hierarchy) which affect the amounts recorded in the purchase price allocation. The excess of the consideration transferred over the fair value of the identifiable assets, net of liabilities, is recorded as goodwill, which is indicative of the expected continued growth and development of the pet specialty retail business acquired.

The table below summarizes the consideration transferred and provisional allocation of the purchase price for the Petsense acquisition (in thousands):

| Consideration transferred | \$ | 145,701 |
| :---: | :---: | :---: |
| Assets acquired: |  |  |
| Current assets | \$ | 21,875 |
| Property and equipment |  | 25,519 |
| Other intangible assets - tradename |  | 31,300 |
| Other assets |  | 428 |
| Liabilities assumed: |  |  |
| Current liabilities |  | $(12,091)$ |
| Long-term liabilities |  | $(5,489)$ |
| Total identifiable net assets acquired |  | 61,542 |
| Excess of consideration transferred over identifiable net assets acquired (goodwill) | \$ | 84,159 |

The fair value estimates of the assets acquired and liabilities assumed as reflected in the table above are subject to adjustments during the measurement period. The preliminary values of the consideration transferred, assets acquired and liabilities assumed, including the related tax effects, are subject to receipt of a final working capital settlement, pursuant to the agreement governing the transaction.

The resulting goodwill of $\$ 84.2$ million and tradename of $\$ 31.3$ million are deductible for income tax purposes.
Approximately $\$ 2.8$ million of transaction costs related to the Petsense acquisition were expensed during the year ended December 31, 2016, and are included in selling, general and administrative expenses in the Consolidated Statements of Income.

The results of operations of Petsense have been included in the Consolidated Financial Statements since the date of acquisition.

## Note 4-Goodwill and Other Intangible Assets:

## Goodwill

The Company had approximately $\$ 94.4$ million and $\$ 10.3$ million of goodwill at December 31, 2016 and December 26, 2015, respectively. The changes in the carrying amount of goodwill for the years ended December 31, 2016 and December 26, 2015 are as follows (in thousands):

|  | 2016 |  | 2015 |  |
| :---: | :---: | :---: | :---: | :---: |
| Balance, beginning of year | \$ | 10,258 | \$ | 10,258 |
| Goodwill acquired as part of acquisition during current year |  | 84,159 |  | - |
| Impairment loss |  | - |  | - |
| Balance, end of year | \$ | 94,417 | \$ | 10,258 |

Goodwill is allocated to each identified reporting unit, which is defined as an operating segment or one level below the operating segment.

Goodwill is not amortized, but is evaluated for impairment annually and whenever events or changes in circumstances indicate the carrying value of goodwill may not be recoverable. The Company completes its impairment evaluation by performing valuation analyses and considering other publicly available market information, as appropriate.

The test for goodwill impairment is a two-step process. The first step of the goodwill impairment test, used to identify the potential for impairment, compares the fair value of a reporting unit with the carrying value of its net assets, including goodwill. If the fair value of the reporting unit is less than the carrying value of the reporting unit, the second step of the goodwill impairment test is performed to measure the amount of impairment loss to be recorded, if any. The second step, if required, would compare the implied fair value of goodwill with the current carrying amount of goodwill. If the implied fair value of goodwill is less than the carrying value, an impairment charge would be recorded to the Company's operations.

In the fourth quarter of fiscal 2016, the Company completed its annual impairment testing of goodwill and no impairment was identified. The Company determined that the fair value of each reporting unit (including goodwill) was in excess of the carrying value of the respective reporting unit and as such, the second step was not necessary. In reaching this conclusion, the fair value of each reporting unit was determined based on either a market or an income approach. Under the market approach, the fair value is based on observed market prices.

## Intangible Assets

Approximately $\$ 31.3$ million of intangible assets other than goodwill were acquired during the year ended December 31, 2016. The acquired intangible asset represents the estimated fair value of the Petsense tradename, which is not subject to amortization as it has an indefinite useful life on the basis that it is expected to contribute cash flows beyond the foreseeable horizon.

With respect to intangible assets, we evaluate for impairment annually and whenever events or changes in circumstances indicate that the carrying value may not be recoverable. We recognize an impairment loss only if the carrying amount is not recoverable through its discounted cash flows and measure the impairment loss based on the difference between the carrying value and fair value. In the fourth quarter of fiscal 2016, the Company completed its annual impairment testing of intangible assets and no impairment was identified.

## Note 5 - Senior Credit Facility:

On February 19, 2016, the Company entered into a senior credit facility (the "2016 Senior Credit Facility") consisting of a $\$ 200$ million term loan and a $\$ 500$ million revolving credit facility (with a sublimit of $\$ 50$ million for swingline loans). This agreement is unsecured and matures on February 19, 2021.

During the period of October 24, 2011 through February 19, 2016, the Company was party to a senior credit facility (the "2011 Senior Credit Facility"), which provided for borrowings up to $\$ 400$ million (with a sublimit of $\$ 30$ million for swingline loans) as of December 26, 2015.

The 2016 Senior Credit Facility contains a $\$ 200$ million term loan which requires quarterly payments totaling $\$ 10$ million per year in years one and two and $\$ 20$ million per year in years three through five, with the remaining balance due in full on the maturity date of February 19, 2021. The 2016 Senior Credit Facility also contains a $\$ 500$ million revolving credit facility (with a sublimit of $\$ 50$ million for swingline loans).

As of December 31, 2016, the Company had outstanding total borrowings of $\$ 275.0$ million under the 2016 Senior Credit Facility consisting of $\$ 190.0$ million in borrowings under the term loan and $\$ 85.0$ million in borrowings under the revolving credit facility. Unamortized debt issuance costs recorded as an offset to the outstanding borrowings were approximately $\$ 1.1$ million at December 31, 2016. Additionally, there were $\$ 44.3$ million of outstanding letters of credit under the 2016 Senior Credit Facility as of December 31, 2016.

Borrowings under both the term loan and the revolver bear interest at either the bank's base rate ( $3.750 \%$ at December 31, 2016) or the London Inter-Bank Offer Rate ("LIBOR") $(0.772 \%$ at December 31,2016$)$ plus an additional amount ranging from $0.500 \%$ to $1.125 \%$ per annum $(0.625 \%$ at December 31,2016$)$, adjusted quarterly based on our leverage ratio. The Company is also required to pay, quarterly in arrears, a commitment fee for unused capacity ranging from $0.075 \%$ to $0.200 \%$ per annum ( $0.100 \%$ at December 31, 2016), adjusted quarterly based on the Company's leverage ratio.

Proceeds from the 2016 Senior Credit Facility may be used for working capital, capital expenditures, dividends, share repurchases, and other matters. There are no compensating balance requirements associated with the 2016 Senior Credit Facility.

The 2016 Senior Credit Facility requires quarterly compliance with respect to two material covenants: a fixed charge coverage ratio and a leverage ratio. Both ratios are calculated on a trailing twelve-month basis at the end of each fiscal quarter. The fixed charge coverage ratio compares earnings before interest, taxes, depreciation, amortization, share-based compensation and rent expense ("consolidated EBITDAR") to the sum of interest paid and rental expense (excluding any straight-line rent adjustments). The fixed charge coverage ratio shall be greater than or equal to 2.00 as of the last day of each fiscal quarter. The leverage ratio compares rental expense (excluding any straight-line rent adjustments) multiplied by a factor of six plus total debt to consolidated EBITDAR. The leverage ratio shall be less than or equal to 4.00 as of the last day of each fiscal quarter. The 2016 Senior Credit Facility also contains certain other restrictions regarding additional indebtedness, capital expenditures, business operations, guarantees, investments, mergers, consolidations and sales of assets, transactions with subsidiaries or affiliates, and liens. As of December 31, 2016, the Company was in compliance with all debt covenants.

## 2011 Senior Credit Facility

Under the 2011 Senior Credit Facility, the Company had outstanding borrowings of $\$ 150.0$ million as of December 26, 2015. In addition, there were $\$ 48.7$ million of outstanding letters of credit under the 2011 Senior Credit Facility as of December 26, 2015.

## Note 6 - Interest Rate Swap:

On March 28, 2016, the Company entered into an interest rate swap agreement which became effective on March 31, 2016, with a maturity date of February 19,2021 . The interest rate swap was executed for risk management and is not held for trading purposes. The objective of the interest rate swap is to mitigate interest rate risk associated with future changes in interest rates. To accomplish this objective, the interest rate swap is intended to hedge the variable cash flows associated with the variable rate term loan borrowings under the 2016 Senior Credit Facility. The notional amount of the interest rate swap began at $\$ 197.5$ million (the principal amount of the term loan borrowings as of March 31, 2016) and will amortize at the same time and in the same amount as the term loan borrowings as described in Note 5. As of December 31, 2016, the notional amount of the interest rate swap was $\$ 190.0$ million. The interest rate swap entitles the Company to receive, at specified intervals, a variable rate of interest based on LIBOR in exchange for the payment of a fixed rate of interest throughout the life of the agreement without exchange of the underlying notional amount.

The Company has designated this interest rate swap as a cash flow hedge and will account for the underlying activity in accordance with hedge accounting. The interest rate swap is presented within the consolidated balance sheets at fair value. In accordance with hedge accounting, the effective portion of gains and losses on interest rate swaps that are designated and qualify as cash flow hedges are recorded as a component of Other Comprehensive Income ("OCI") and reclassified into earnings in the period during which the hedged transactions affect earnings. The ineffective portion of gains and losses on the interest rate swap, if any, are recognized in current earnings.

The amounts measured at fair value related to the Company's interest rate swap, excluding accrued interest, were as follows (in thousands):

|  | Balance Sheet Location | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Interest rate swap (short-term portion) | Other accrued expenses | \$ | (398) | \$ | - | \$ | - |
| Interest rate swap (long-term portion) | Other assets |  | 3,215 |  | - |  | - |
| Total net asset |  | \$ | 2,817 | \$ | - | \$ | - |

The offset to the interest rate swap asset is recorded in Accumulated Other Comprehensive Income ("AOCI") (a component of equity), net of deferred taxes, and will be reclassified into earnings over the term of the underlying debt as interest payments are made.

The following table summarizes the changes in AOCI, net of tax, related to the Company's interest rate swaps (in thousands):

|  | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Beginning fiscal year AOCI balance | \$ | - | \$ | - | \$ | - |
| Gain recognized in OCI |  | 1,392 |  | - |  | - |
| Amounts reclassified from AOCI into earnings |  | - |  | - |  | - |
| Other comprehensive gain, net of tax |  | 1,392 |  | - |  | - |
| Ending fiscal year AOCI balance | \$ | 1,392 | \$ | - | \$ | - |

As of December 31, 2016, the estimated pre-tax portion of AOCI that is expected to be reclassified into earnings over the next twelve months is $\$ 0.4$ million. Cash flows related to the interest rate swap are included in operating activities on the Consolidated Statements of Cash Flows.

The following table summarizes the impact of pre-tax gains and losses derived from the interest rate swap (in thousands):

|  | Financial Statement Location | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Effective portion of gains recognized in OCI during the period | Other comprehensive income | \$ | 2,283 | \$ | - | \$ | - |
| Amounts reclassified from AOCI into earnings | Interest expense, net |  | - |  | - |  | - |
| Ineffective portion of gains recognized in earnings during the period | Interest expense, net |  | 534 |  | - |  | - |

The following table summarizes the impact of taxes affecting AOCI as a result of the interest rate swap (in thousands):


## Credit-risk-related contingent features

In accordance with the underlying interest rate swap agreement, the Company could be declared in default on its interest rate swap obligations if repayment of the underlying indebtedness (i.e. - the Company's term loan) is accelerated by the lender due to the Company's default on such indebtedness.

If the Company had breached any of the provisions in the underlying agreement at December 31, 2016, it could have been required to post full collateral or settle its obligations under the interest rate swap agreement. However, as of December 31, 2016, the Company had not breached any of these provisions or posted any collateral related to the underlying interest rate swap agreement. Further, as of December 31, 2016, the interest rate swap is in a net asset position and therefore the Company would hold no obligation upon default.

## Note 7 - Leases:

The Company leases the majority of its retail store locations, two distribution sites, its Merchandise Innovation Center, transportation equipment and other equipment under various non-cancellable operating leases. The leases have varying terms and expire at various dates through 2033. Store leases typically have initial terms of between 10 and 15 years, with two to four optional renewal periods of five years each. Some leases require the payment of contingent rent that is based upon store sales above agreed-upon sales levels for the year. The sales levels vary for each store and are established in the lease agreements. Generally, most of the leases also require that the Company pays associated taxes, insurance and maintenance costs.

Total rent expense for fiscal 2016, 2015 and 2014 was approximately $\$ 293.0$ million, $\$ 262.1$ million and $\$ 239.3$ million, respectively. Total contingent rent expense for fiscal 2016, 2015 and 2014 was insignificant.

Future minimum payments, by year and in the aggregate, under leases with initial or remaining terms of one year or more consist of the following (in thousands):

|  | Capital Leases |  | Operating Leases |  |
| :---: | :---: | :---: | :---: | :---: |
| 2017 | \$ | 2,936 | \$ | 299,463 |
| 2018 |  | 2,936 |  | 293,081 |
| 2019 |  | 2,936 |  | 280,731 |
| 2020 |  | 2,936 |  | 262,418 |
| 2021 |  | 2,936 |  | 238,193 |
| Thereafter |  | 25,218 |  | 1,159,368 |
| Total minimum lease payments |  | 39,898 | \$ | 2,533,254 |
| Amount representing interest |  | $(12,685)$ |  |  |
| Present value of minimum lease payments |  | 27,213 |  |  |
| Less: current portion |  | $(1,294)$ |  |  |
| Long-term capital lease obligations | \$ | 25,919 |  |  |

Assets under capital leases were as follows (in thousands):

|  | 2016 |  | 2015 |  |
| :---: | :---: | :---: | :---: | :---: |
| Building and improvements, gross | \$ | 29,324 | \$ | 18,831 |
| Less: accumulated depreciation and amortization |  | $(3,381)$ |  | $(1,656)$ |
| Building and improvements, net | \$ | 25,943 | \$ | 17,175 |

## Note 8 - Capital Stock and Dividends:

## Capital Stock

The authorized capital stock of the Company consists of common stock and preferred stock. The Company is authorized to issue 400 million shares of common stock. The Company is also authorized to issue 40,000 shares of preferred stock, with such designations, rights and preferences as may be determined from time to time by the Board of Directors.

## Dividends

During fiscal 2016 and 2015, the Company's Board of Directors declared the following cash dividends:

| Date Declared | Dividend Amount Per Share | Stockholders of Record Date | Date Paid |
| :---: | :---: | :---: | :---: |
| October 31, 2016 | \$0.24 | November 14, 2016 | November 29, 2016 |
| August 1, 2016 | \$0.24 | August 15, 2016 | August 30, 2016 |
| May 2, 2016 | \$0.24 | May 16, 2016 | June 1, 2016 |
| February 3, 2016 | \$0.20 | February 22, 2016 | March 8, 2016 |
| November 2, 2015 | \$0.20 | November 16, 2015 | December 1, 2015 |
| August 3, 2015 | \$0.20 | August 17, 2015 | September 1, 2015 |
| May 4, 2015 | \$0.20 | May 18, 2015 | June 2, 2015 |
| February 4, 2015 | \$0.16 | February 23, 2015 | March 10, 2015 |

It is the present intention of the Board of Directors to continue to pay a quarterly cash dividend; however, the declaration and payment of future dividends will be determined by the Board of Directors in its sole discretion and will depend upon the earnings, financial condition and capital needs of the Company, as well as other factors which the Board of Directors deem relevant.

On February 8, 2017, the Company's Board of Directors declared a quarterly cash dividend of $\$ 0.24$ per share of common stock. The dividend will be paid on March 14, 2017, to stockholders of record as of the close of business on February 27, 2017.

## Note 9 - Treasury Stock:

The Company's Board of Directors has authorized common stock repurchases under a share repurchase program. On October 31, 2016, the Board of Directors authorized a $\$ 1$ billion increase to the existing share repurchase program, bringing the total amount authorized to $\$ 3$ billion, exclusive of any fees, commissions, or other expenses related to such repurchases and extended the program through December 31, 2020. The repurchases may be made from time to time on the open market or in privately negotiated transactions. The timing and amount of any shares repurchased under the program will depend on a variety of factors, including price, corporate and regulatory requirements, capital availability, and other market conditions. Repurchased shares are accounted for at cost and will be held in treasury for future issuance. The program may be limited or terminated at any time without prior notice.

The Company repurchased approximately 4.4 million, 3.4 million and 4.7 million shares of common stock under the share repurchase program at a total cost of $\$ 331.7$ million, $\$ 292.7$ million and $\$ 298.5$ million in fiscal 2016, 2015 and 2014, respectively. As of December 31, 2016, the Company had remaining authorization under the share repurchase program of $\$ 1.2$ billion, exclusive of any fees, commissions, or other expenses.

## Note 10 - Net Income Per Share:

Net income per share is calculated as follows (in thousands, except per share amounts):

|  | 2016 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Net Income |  | Shares | Per Share Amount |  |
| Basic net income per share | \$ | 437,120 | 132,905 | \$ | 3.29 |
| Dilutive stock options and restricted stock units outstanding |  | - | 908 |  | (0.02) |
| Diluted net income per share | \$ | 437,120 | 133,813 | \$ | 3.27 |


|  | 2015 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Net Income |  | Shares | Per Share Amount |  |
| Basic net income per share | \$ | 410,395 | 135,582 | \$ | 3.03 |
| Dilutive stock options and restricted stock units outstanding |  | - | 1,263 |  | (0.03) |
| Diluted net income per share | \$ | 410,395 | 136,845 | \$ | 3.00 |


|  | 2014 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Net } \\ \text { Income } \end{gathered}$ |  | Shares | Per Share Amount |  |
| Basic net income per share | \$ | 370,885 | 137,769 | \$ | 2.69 |
| Dilutive stock options and restricted stock units outstanding |  | - | 1,666 |  | (0.03) |
| Diluted net income per share | \$ | 370,885 | 139,435 | \$ | 2.66 |

Anti-dilutive stock options excluded from the above calculations totaled approximately 1.9 million, 0.9 million and 1.0 million in fiscal 2016, 2015 and 2014, respectively.

## Note 11 - Income Taxes:

The provision for income taxes consists of the following (in thousands):

|  | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Current tax expense: |  |  |  |  |  |  |
| Federal | \$ | 221,207 | \$ | 225,253 | \$ | 211,383 |
| State |  | 20,858 |  | 17,419 |  | 25,133 |
| Total current |  | 242,065 |  | 242,672 |  | 236,516 |
|  |  |  |  |  |  |  |
| Deferred tax expense (benefit): |  |  |  |  |  |  |
| Federal |  | 12,256 |  | $(7,017)$ |  | $(14,493)$ |
| State |  | $(3,171)$ |  | 1,567 |  | $(5,321)$ |
| Total deferred |  | 9,085 |  | $(5,450)$ |  | $(19,814)$ |
| Total provision | \$ | 251,150 | \$ | 237,222 | \$ | 216,702 |

Deferred income taxes reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes. In the first quarter of fiscal 2016, the Company adopted accounting guidance which affected the presentation of deferred tax liabilities and assets. This guidance was applied retrospectively for all periods presented and therefore the presentation of previously reported deferred tax assets has been changed to conform to the presentation used in the current period. Significant components of the deferred tax assets and liabilities are as follows (in thousands):

|  | 2016 |  | 2015 |  |
| :---: | :---: | :---: | :---: | :---: |
| Tax assets: |  |  |  |  |
| Inventory valuation | \$ | 19,713 | \$ | 18,147 |
| Accrued employee benefit costs |  | 14,120 |  | 16,485 |
| Accrued sales tax audit reserve |  | 4,317 |  | 4,821 |
| Rent expenses in excess of cash payments required |  | 35,391 |  | 30,788 |
| Deferred compensation |  | 23,978 |  | 20,125 |
| Workers' compensation insurance |  | 13,565 |  | 12,116 |
| General liability insurance |  | 5,332 |  | 4,853 |
| Lease exit obligations |  | 2,617 |  | 2,378 |
| Income tax credits |  | 4,265 |  | 2,316 |
| Other |  | 7,311 |  | 8,831 |
|  |  | 130,609 |  | 120,860 |
| Tax liabilities: |  |  |  |  |
| Inventory basis difference |  | $(4,600)$ |  | $(3,497)$ |
| Prepaid expenses |  | $(2,912)$ |  | $(2,108)$ |
| Depreciation |  | $(73,336)$ |  | $(55,805)$ |
| Amortization |  | $(2,419)$ |  | $(2,435)$ |
| Other |  | $(2,124)$ |  | $(1,821)$ |
|  |  | $(85,391)$ |  | $(65,666)$ |
|  |  |  |  |  |
| Net deferred tax asset | \$ | 45,218 | \$ | 55,194 |

The Company has evaluated the need for a valuation allowance for all or a portion of the deferred tax assets. The Company believes that all of the deferred tax assets will more likely than not be realized through future earnings. The Company had state tax credit carryforwards of $\$ 7.5$ million and $\$ 4.4$ million as of December 31, 2016 and December 26, 2015, respectively, with varying dates of expiration between 2017 and 2030. The Company provided no valuation allowance as of December 31, 2016 and December 26, 2015 for state tax credit carryforwards, as the Company believes it is more likely than not that all of these credits will be utilized before their expiration dates.

A reconciliation of the provision for income taxes to the amounts computed at the federal statutory rate is as follows (in thousands):

|  | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tax provision at statutory rate | \$ | 240,894 | \$ | 226,666 | \$ | 205,656 |
| Tax effect of: |  |  |  |  |  |  |
| State income taxes, net of federal tax benefits |  | 11,496 |  | 12,341 |  | 12,878 |
| Permanent differences |  | $(1,240)$ |  | $(1,785)$ |  | $(1,832)$ |
|  | \$ | 251,150 | \$ | 237,222 | \$ | 216,702 |

The Company and its affiliates file income tax returns in the United States and various state and local jurisdictions. With few exceptions, the Company is no longer subject to federal, state and local income tax examinations by tax authorities for years before 2012. Various states have completed an examination of our income tax returns for 2011 through 2014 with minimal adjustments.

The total amount of unrecognized tax positions that, if recognized, would decrease the effective tax rate, is $\$ 1.1$ million at December 31, 2016. In addition, the Company recognizes current interest and penalties accrued related to these uncertain tax positions as interest expense, and the amount is not material to the Consolidated Statements of Income. The Company has
considered the reasonably possible expected net change in uncertain tax positions during the next 12 months, and does not expect any material changes to our liability for uncertain tax positions through December 30, 2017.

A reconciliation of the beginning and ending gross amount of unrecognized tax benefits (exclusive of interest and penalties) is as follows (in thousands):

|  | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Balance at beginning of year | \$ | 2,922 | \$ | 3,500 | \$ | 2,482 |
| Additions based on tax positions related to the current year |  | 460 |  | 869 |  | 1,104 |
| Additions for tax positions of prior years |  | 139 |  | - |  | 280 |
| Reductions for tax positions of prior years |  | $(1,829)$ |  | $(1,447)$ |  | (366) |
| Reductions due to audit results |  | (113) |  | - |  | - |
| Balance at end of year | \$ | 1,579 | \$ | 2,922 | \$ | 3,500 |

## Note 12 - Retirement Benefit Plans:

The Company has a defined contribution benefit plan, the Tractor Supply Company $401(\mathrm{k})$ Retirement Savings Plan (the " $401(\mathrm{k}$ ) Plan"), which provides retirement benefits for eligible employees. The Company matches (in cash) $100 \%$ of the employee's elective contributions up to $3 \%$ of eligible compensation plus $50 \%$ of the employee's elective contributions from $3 \%$ to $6 \%$ of eligible compensation. In no event shall the total Company match made on behalf of the employee exceed $4.5 \%$ of the employee's eligible compensation. All current contributions are immediately vested. Company contributions to the $401(\mathrm{k})$ Plan during fiscal 2016, 2015 and 2014, were approximately $\$ 6.6$ million, $\$ 5.9$ million and $\$ 5.6$ million, respectively.

The Company offers, through a deferred compensation program, the opportunity for certain qualifying employees to elect to defer a portion of their annual base salary and/or their annual incentive bonus. Under the deferred compensation program, a percentage of the participants' salary deferral is matched by the Company, limited to a maximum annual matching contribution of $\$ 4,500$. The Company's contributions, including accrued interest, were $\$ 0.6$ million in fiscal 2016 and $\$ 0.5$ million in each of fiscal 2015 and 2014, respectively.

## Note 13 - Commitments and Contingencies:

## Construction and Real Estate Commitments

As of December 31, 2016, the Company had no material commitments related to construction projects extending greater than twelve months.

## Letters of Credit

At December 31, 2016, there were $\$ 44.3$ million outstanding letters of credit under the 2016 Senior Credit Facility.

## Litigation

Item 103 of SEC Regulation S-K requires disclosure of certain environmental legal proceedings if the proceeding reasonably involves potential monetary sanctions of $\$ 100,000$ or more. We periodically receive information requests and notices of potential noncompliance with environmental laws and regulations from governmental agencies, which are addressed on a case-by-case basis with the relevant agency. The Company has received a subpoena from the District Attorney of Yolo County, California, requesting records and information regarding its hazardous waste management and disposal practices in California. The Company is currently working with Yolo County and other district attorneys in California to resolve alleged instances of noncompliance with applicable regulations. The matter is still ongoing and the ultimate outcome cannot be determined at this time; however, the Company does not expect the resolution of this matter to have a material adverse effect on its consolidated financial position, results of operations or cash flows.

The Company is also involved in various litigation matters arising in the ordinary course of business. The Company believes that any estimated loss related to such matters has been adequately provided for in accrued liabilities to the extent probable and reasonably estimable. Accordingly, the Company currently expects these matters will be resolved without material adverse effect on its consolidated financial position, results of operations or cash flows.

## Note 14 - Segment Reporting:

The Company has one reportable segment which is the retail sale of products that support the rural lifestyle. The following chart indicates the percentage of net sales represented by each major product category during fiscal 2016, 2015, and 2014:

| Product Category: | Percent of Net Sales |  |  |
| :---: | :---: | :---: | :---: |
|  | 2016 | 2015 | 2014 |
| Livestock and Pet | 46\% | 44\% | 44\% |
| Hardware, Tools and Truck | 22 | 23 | 22 |
| Seasonal, Gift and Toy Products | 19 | 20 | 20 |
| Clothing and Footwear | 8 | 8 | 9 |
| Agriculture | 5 | 5 | 5 |
| Total | 100\% | 100\% | 100\% |

## Note 15 - New Accounting Pronouncements:

In May 2014, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2014-09, "Revenue from Contracts with Customers (Topic 606)" ("ASU 2014-09"). ASU 2014-09 amends the guidance for revenue recognition to replace numerous, industry-specific requirements and converges areas under this topic with those of the International Financial Reporting Standards. The ASU implements a five-step process for customer contract revenue recognition that focuses on transfer of control, as opposed to transfer of risk and rewards. The amendment also requires enhanced disclosures regarding the nature, amount, timing and uncertainty of revenues and cash flows from contracts with customers. Other major provisions include the capitalization and amortization of certain contract costs, ensuring the time value of money is considered in the transaction price, and allowing estimates of variable consideration to be recognized before contingencies are resolved in certain circumstances. In August 2015, the FASB issued ASU 2015-14, "Revenue from Contracts with Customers (Topic 606): Deferral of the Effective Date," which implemented a one-year deferral of ASU 2014-09. As a result of the deferral, the amendments in ASU 2014-09 are effective for reporting periods beginning after December 15, 2017. In March 2016, the FASB issued ASU 2016-08, "Revenue from Contracts with Customers (Topic 606): Principal versus Agent Considerations (Reporting Revenue Gross versus Net)," which further clarifies the implementation guidance on principal versus agent considerations. In April 2016, the FASB issued ASU 2016-10, "Revenue from Contracts with Customers (Topic 606): Identifying Performance Obligations and Licensing," which further clarifies the aspects of (a) identifying performance obligations and (b) the licensing implementation guidance. In May 2016, the FASB issued ASU 2016-12 "Revenue from Contracts with Customers (Topic 606): Narrow-Scope Improvements and Practical Expedients," which provides implementation guidance in regards to (a) assessing the collectability criterion, (b) the presentation of taxes collected from customers, (c) noncash consideration, (d) contract modification at transition, (e) completed contracts at transition and (f) other technical corrections. In December 2016, the FASB issued ASU 2016-20, "Technical Corrections and Improvements to Topic 606, Revenue from Contracts with Customers," which is intended to clarify the codification and to correct unintended application of guidance pertaining to Topic 606 and other Topics amended by ASU 2014-09 to increase stakeholders' awareness of the proposals and to expedite improvements to ASU 2014-09. The effective date and transition requirements for ASU 2016-08, ASU 2016-10, ASU 2016-12 and ASU 2016-20 are the same as the effective date and transition requirements of ASU 2014-09. Entities that transition to these standards may either retrospectively restate each prior reporting period or reflect the cumulative effect of initially applying the updates with an adjustment to retained earnings at the date of adoption. The Company anticipates adopting this guidance in the first quarter of fiscal 2018. Based on an evaluation of the standard as a whole, the Company has identified customer incentives and principal versus agent considerations as the areas that will most likely be affected by the new revenue recognition guidance. The Company continues to evaluate the adoption of this standard, including the transition method; however, adoption is not expected to have a material impact on our Consolidated Financial Statements and related disclosures.

In April 2015, the FASB issued ASU 2015-03, "Interest - Imputation of Interest (Subtopic 835-30): Simplifying the Presentation of Debt Issuance Costs." This update requires that debt issuance costs related to a recognized debt liability be presented in the consolidated balance sheet as a direct reduction from the carrying amount of that debt liability. ASU 2015-03 requires retrospective application and is effective for fiscal years beginning after December 15, 2015, and interim periods within those fiscal years. The Company adopted this guidance in the first quarter of fiscal 2016. The adoption of this guidance affected the presentation of debt issuance costs in our Consolidated Balance Sheet but did not have any other material impacts on our Consolidated Financial Statements and related disclosures.

In July 2015, the FASB issued ASU 2015-11, "Inventory (Topic 330): Simplifying the Measurement of Inventory." This update requires an entity that determines the cost of inventory by methods other than last-in, first-out and the retail inventory method to
measure inventory at the lower of cost and net realizable value. ASU 2015-11 requires prospective application and is effective for fiscal years beginning after December 15, 2016, and interim periods within those fiscal years, with early adoption permitted. The Company does not expect that the adoption of this guidance will have a material impact on our Consolidated Financial Statements and related disclosures.

In September 2015, the FASB issued ASU 2015-16, "Business Combinations (Topic 805): Simplifying the Accounting for Measurement-Period Adjustments." This update simplifies the accounting for measurement-period adjustments by eliminating the requirement to retrospectively account for such adjustments. The amendments in ASU 2016-15 require an entity to recognize adjustments to provisional amounts that are identified during the measurement period in the reporting period in which the adjustment amounts are determined. The entity must also record, in the same period's financial statements, the effect on earnings of changes in depreciation, amortization, or other income effects, if any, as a result of the change to the provisional amounts, calculated as if the accounting had been completed at the acquisition date. The entity must present, separately on the face of the income statement or disclose in the notes, the portion of the amount recorded in current-period earnings by line item that would have been recorded in previous reporting periods if the adjustment to the provisional amounts had been recognized as of the acquisition date. ASU 2015-16 requires prospective application and is effective for fiscal years beginning after December 15, 2015, with early adoption permitted. The Company adopted this guidance in fiscal 2016. It had no impact on our Consolidated financial statements and related disclosures in fiscal 2016.

In November 2015, the FASB issued ASU 2015-17, "Income Taxes (Topic 740): Balance Sheet Classification of Deferred Taxes." This update requires that deferred tax liabilities and assets be classified as noncurrent in the consolidated balance sheet. ASU 2015-17 may be applied either prospectively to all deferred tax liabilities and assets or retrospectively to all periods presented. The updated guidance is effective for fiscal years beginning after December 15, 2016, and interim periods within those fiscal years, with early adoption permitted. The Company adopted this guidance in the first quarter of fiscal 2016. The Company elected to apply this guidance retrospectively for all periods presented. The adoption of this guidance affected the presentation of the deferred tax liabilities and assets within the Company's Consolidated Balance Sheet and related disclosures; however, the updated guidance did not affect the accounting for deferred tax liabilities and assets. Other than the change in presentation, the adoption of this guidance did not have any material impact on our Consolidated Financial Statements and related disclosures.

In February 2016, the FASB issued ASU 2016-02, "Leases (Topic 842)." This update requires a dual approach for lessee accounting under which a lessee will account for leases as finance leases or operating leases. Both finance leases and operating leases will result in the lessee recognizing a right-of-use asset and a corresponding lease liability on its balance sheet, with differing methodology for income statement recognition. This guidance is effective for public business entities for fiscal years, and interim periods within those years, beginning after December 15, 2018, and early adoption is permitted. A modified retrospective approach is required for all leases existing or entered into after the beginning of the earliest comparative period in the consolidated financial statements. The Company is currently assessing the impact that adoption of this guidance will have on its Consolidated Financial Statements and related disclosures.

In March 2016, the FASB issued ASU 2016-04, "Liabilities - Extinguishments of Liabilities (Subtopic 405-20): Recognition of Breakage for Certain Prepaid Stored-Value Products." This update requires that liabilities related to the sale of prepaid storedvalue products (gift cards) be adjusted periodically to reflect breakage. This guidance is effective for public business entities for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years, with early adoption permitted. The guidance can be applied using either a modified retrospective transition method or retrospectively to each period presented. The Company does not expect that the adoption of this guidance will have a material impact on our Consolidated Financial Statements and related disclosures.

In March 2016, the FASB issued ASU 2016-09, "Compensation - Stock Compensation (Topic 718): Improvements to Employee Share-Based Payment Accounting." The update addresses several aspects of the accounting for share-based compensation transactions including: (a) income tax consequences when awards vest or are settled, (b) classification of awards as either equity or liabilities, (c) a policy election to account for forfeitures as they occur rather than on an estimated basis and (d) classification of excess tax impacts on the statement of cash flows. The updated guidance is effective for fiscal years beginning after December 15,2016 , and interim periods within those fiscal years, with early adoption permitted. The Company will adopt this guidance in the first quarter of fiscal 2017. The amendments requiring recognition of excess tax benefits and tax deficiencies in the income statement will be applied prospectively. The inclusion of excess tax benefits and deficiencies as a component of our income tax expense will increase volatility within our provision for income taxes as the amount of excess tax benefits or deficiencies from share-based compensation awards are dependent on our stock price at the date the awards are exercised or settled. The Company does not expect the impact to be material to the consolidated results of operations taken as a whole; however, such determination is subject to change based on facts and circumstances at the time when awards vest or settle. The Company will elect to continue estimating forfeitures of share-based awards. The Company will elect to apply the amendments related to the presentation of excess
tax benefits on the statement of cash flows using a retrospective transition method, and as a result, excess tax benefits related to share-based awards which are currently classified as cash flows from financing activities will be reclassified as cash flows from operating activities.

In August 2016, the FASB issued ASU 2016-15, "Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments." This update clarifies and provides specific guidance on eight cash flow classification issues that are not currently addressed by U.S. GAAP and thereby reduces the current and potential future diversity in practice. This guidance is effective for public business entities for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years, with early adoption permitted. The guidance should be applied using a retrospective transition method to each period presented. The Company does not expect that the adoption of this guidance will have a material impact on our Consolidated Financial Statements and related disclosures.

In January 2017, the FASB issued ASU 2017-04, "Intangibles - Goodwill and Other (Topic 350): Simplifying the Test for Goodwill Impairment." This update simplifies the measurement of goodwill by eliminating the second step from the goodwill impairment test, which requires the comparison of the implied fair value of goodwill with the current carrying amount of goodwill. Instead, under the amendments in this guidance, an entity shall perform a goodwill impairment test by comparing the fair value of each reporting unit with its carrying amount and an impairment charge is to be recorded for the amount, if any, in which the carrying value exceeds the reporting unit's fair value. This guidance should be applied prospectively and is effective for public business entities that are United States Securities and Exchange Commission filers for fiscal years beginning after December 15, 2019, with early adoption permitted for interim or annual goodwill impairment tests performed after January 1, 2017.

## Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

None

## Item 9A. Controls and Procedures

## Disclosure Controls and Procedures

We carried out an evaluation required by the Securities Exchange Act of 1934, as amended (the "1934 Act"), under the supervision and with the participation of our principal executive officer and principal financial officer, of the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rule 13a-15(e) and 15d-15(e) under the 1934 Act) as of December 31, 2016. Based on this evaluation, our principal executive officer and principal financial officer concluded that, as of December 31, 2016, our disclosure controls and procedures were effective.

## Internal Control Over Financial Reporting

A report of the Company's management on the Company's internal control over financial reporting (as such term is defined in Rule 13a-15(f) under the 1934 Act) and a report of Ernst \& Young LLP, an independent registered public accounting firm, on the effectiveness of the Company's internal control over financial reporting are included in Item 8 of this Annual Report on Form 10K.

There were no changes in our internal control over financial reporting that occurred during our last fiscal quarter that have materially affected or are reasonably likely to materially affect our internal control over financial reporting.

## Item 9B. Other Information

None.

## PART III

## Item 10. Directors, Executive Officers and Corporate Governance

The information set forth under the caption "Executive Officers of the Registrant" in Part I of this Form 10-K is incorporated herein by reference.

The information set forth under the captions "Item 1: Election of Directors," "Board Meetings and Committees," and "Section 16 (a) Beneficial Ownership Reporting Compliance" in our Proxy Statement for our Annual Meeting of Stockholders to be held on May 9, 2017, is incorporated herein by reference.

The Company has a Code of Ethics which covers all exempt employees, officers and directors of the Company, including the principal executive officer, principal financial officer, principal accounting officer and controller. The Code of Ethics is available in the "Corporate Governance" section of the Company's website at TractorSupply.com. A copy of the Code of Ethics can also be obtained, free of charge, upon written request to the Corporate Secretary, Tractor Supply Company, 5401 Virginia Way, Brentwood, TN 37027. The Company intends to post amendments to or waivers, if any, from its Code of Ethics (to the extent applicable to its principal executive officer, principal financial officer, principal accounting officer or controller) on its website.

## Item 11. Executive Compensation

The information set forth under the captions "Corporate Governance - Compensation Committee Interlocks and Insider Participation," "Compensation of Directors," and "Executive Compensation" in our Proxy Statement for our Annual Meeting of Stockholders to be held on May 9, 2017, is incorporated herein by reference.

## Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

The information set forth under the caption "Security Ownership of Certain Beneficial Owners and Management" in our Proxy Statement for our Annual Meeting of Stockholders to be held on May 9, 2017, is incorporated herein by reference.

Following is a summary of our equity compensation plans as of December 31, 2016, under which equity securities are authorized for issuance, aggregated as follows:

| Plan Category | Number of Securities to be Issued Upon Exercise of Outstanding Options, <br> Warrants, and Rights |  |  | verage ice of ing and | Number of Securities Remaining Available for Future Issuance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Equity compensation plans approved by security holders: |  |  |  |  |  |
| Stock Incentive Plans | 4,167,778 |  | \$ | 62.39 | 3,773,031 |
| Employee Stock Purchase Plan | - |  |  | - | 12,093,987 |
| Equity compensation plans not approved by security holders | - |  |  | - | - |
| Total | 4,167,778 |  | \$ | 62.39 | 15,867,018 |

${ }^{(a)}$ Includes $3,973,747$ outstanding stock options, 154,142 unvested restricted stock units and 39,889 restricted stock units which have vested but the receipt of which have been deferred by the recipient. The 2006 Stock Incentive Plan was superseded in May 2009 by the 2009 Stock Incentive Plan. The 2000 Stock Incentive Plan was superseded in May 2006. Shares available under the 2009 Stock Incentive Plan are reduced by one share for each share issued pursuant to the exercise of a stock option and by two shares for each share issued pursuant to a full-value award (e.g., restricted stock unit).
${ }^{(b)}$ Restricted stock units have a weighted average exercise price of zero.
The information set forth in Note 2 to the "Notes to Consolidated Financial Statements" contained in this Form 10-K provides further information with respect to the material features of each plan.

## Item 13. Certain Relationships and Related Transactions, and Director Independence

The information set forth under the captions "Corporate Governance - Director Independence and Board Operations" and "Related - Party Transactions" in our Proxy Statement for our Annual Meeting of Stockholders to be held on May 9, 2017, is incorporated herein by reference.

## Item 14. Principal Accountant Fees and Services

The information set forth under the caption "Item 2 - Ratification of Reappointment of Independent Registered Public Accounting Firm" in our Proxy Statement for our Annual Meeting of Stockholders to be held on May 9, 2017, is incorporated herein by reference.

## PART IV

## Item 15.

## Exhibits and Financial Statement Schedules

(a) (1) Financial Statements

See Consolidated Financial Statements under Item 8 on pages 40 through 69 of this Form 10-K.
(a) (2) Financial Statement Schedules

All schedules for which provision is made in the applicable accounting regulations of the SEC are not required under the related instructions, are inapplicable or the information is included in the Consolidated Financial Statements and, therefore, have been omitted.
(a) (3) Exhibits

The exhibits listed in the Index to Exhibits, which appears on pages 73 through 75 of this Form $10-\mathrm{K}$, are incorporated herein by reference or filed as part of this Form 10-K.

## SIGNATURES

Pursuant to the requirements of Section 13 or $15(\mathrm{~d})$ of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

## TRACTOR SUPPLY COMPANY

Date: February 23, 2017
By: /s/ Anthony F. Crudele
Executive Vice President - Chief Financial Officer and Treasurer

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the Registrant in the capacities and on the dates indicated.

## Signature

## Title

## Date

/s/ Anthony F. Crudele
Anthony F. Crudele
/s/ Gregory A. Sandfort
Gregory A. Sandfort
/s/ Cynthia T. Jamison
Cynthia T. Jamison
/s/ Johnston C. Adams
Johnston C. Adams
/s/ Peter D. Bewley
Peter D. Bewley
/s/ Keith R. Halbert
Director

Director

Director

Director

Director
/s/ Mark J. Weikel
Mark J. Weikel
Director

Director

Executive Vice President -
Chief Financial Officer and Treasurer (Principal Financial and Accounting Officer)
Chief Executive Officer and Director (Principal Executive Officer)

Chairman of the Board

February 23, 2017


## OUR LEADERSHIP

## EXECUTIVE OFFICERS

| Gregory A. Sandfort | President and Chief Executive Officer |
| :--- | :--- |
| Steve K. Barbarick | Executive Vice President, Chief Merchandising Officer |
| Anthony F. Crudele | Executive Vice President, Chief Financial Officer and Treasurer |
| Benjamin F. Parrish, Jr. | Executive Vice President, General Counsel and Corporate Secretary |
| Robert D. Mills | Senior Vice President, Chief Information Officer |
| Chad M. Frazell | Senior Vice President, Human Resources |



## BOARD OF DIRECTORS

| Name | Position | Skills and Experience | TSC Board Committees |
| :---: | :---: | :---: | :---: |
| Cynthia T. Jamison | Chairman of the Board, Tractor Supply Company | - Financial and Strategic Leadership experience <br> - Governance experience | -- |
| Johnston C. Adams, Jr. | Former Chairman and Chief Executive Officer, AutoZone, Inc. | - Executive and Financial Leadership experience <br> - Retail experience | AC CGNC |
| Peter D. Bewley | Former Senior Vice President-General Counsel, The Clorox Company | - Legal experience <br> - Governance experience | CC CGNC |
| Keith R. Halbert | Chief Information Officer, LATAM Airline Group | - Information technology experience <br> - Cyber security | AC CGNC |
| Ram Krishnan | Senior Vice President and Chief Customer Officer of Global Sales, PepsiCo | - Marketing experience <br> - E-commerce and digital experience <br> - Consumer Products experience | AC |
| George MacKenzie | Non-Executive <br> Chairman, <br> American Water Works | - Executive and Financial Leadership experience <br> - Financial expert | $\begin{aligned} & \text { AC } \\ & \text { CC } \end{aligned}$ |
| Edna K. Morris | Chief Executive Officer and Partner, Range Restaurant Group | - Leadership experience <br> - Retail/restaurant experience <br> - Human resources and executive compensation experience | CC CGNC |
| Gregory A. Sandfort | President and Chief Executive Officer, Tractor Supply | - Management, leadership and operations experience <br> - Retail experience | -- |
| Mark J. Weikel | Former President and Chief Executive Officer, Retail Optical North America, Luxottica Group | - Leadership experience <br> - Retail experience <br> - Financial expert | $\begin{aligned} & \text { AC } \\ & \text { CC } \end{aligned}$ |

AC Audit Committee
CC Compensation Committee
CGNC Corporate Governance/Nominating Committee
Committee Chair


