GARMIN LTD
Form 10-K
February 17, 2016

## UNITED STATES

## SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## FORM 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF ${ }^{\text {x }} 1934$

For the fiscal year ended December 26, 2015
or
..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 0-31983

GARMIN LTD.
(Exact name of registrant as specified in its charter)

## Switzerland

98-0229227
(State or other jurisdiction
of incorporation or organization)
Mühlentalstrasse 2
8200 Schaffhausen
Switzerland

N/A
(Zip Code)
(Address of principal executive offices)

Registrant's telephone number, including area code: +41526301600

Securities registered pursuant to Section 12(b) of the Act:

Registered Shares, CHF 10.00 Per Share Par Value NASDAQ Global Select Market<br>(Title of each class)<br>(Name of each exchange on which registered)

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 p NO ${ }^{*}$

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section $15(\mathrm{~d})$ of the Act. YES " NO p

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 b NO *

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulations 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 p NO *

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation $\mathrm{S}-\mathrm{K}$ (§ 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 $10-\mathrm{K}$ or any amendment to this Form 10-K. p

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 p Accelerated Filer *
Non-accelerated Filer * Smaller reporting company *
(Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Rule $12 \mathrm{~b}-2$ of the Exchange Act).
YES ${ }^{*}$ NO p

Aggregate market value of the common shares held by non-affiliates of the registrant as of June 27, 2015 (based on the closing price of the registrant's common shares on the Nasdaq Stock Market for that date) was $\$ 5,634,428,735$.

Number of shares outstanding of the registrant's common shares as of February 12, 2016:
Registered Shares, CHF 10.00 par value - 208,077,418 (including treasury shares)
Documents incorporated by reference:
Portions of the following document are incorporated herein by reference into Part III of the Form 10-K as indicated:

## Part of Form 10-K into <br> Document

which Incorporated
Company's Definitive Proxy Statement for the 2016 Annual Meeting of Shareholders which will be filed no later than 120 days after December 26, 2015.

## Garmin Ltd.

## 2015 Form 10-K Annual Report

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## CAUTIONARY STATEMENT WITH RESPECT TO FORWARD-LOOKING COMMENTS

The discussions set forth in this Annual Report on Form 10-K contain statements concerning potential future events. Such forward-looking statements are based upon assumptions by the Company's management, as of the date of this Annual Report, including assumptions about risks and uncertainties faced by the Company. In addition, management may make forward-looking statements orally or in other writings, including, but not limited to, in press releases, in the annual report to shareholders and in the Company's other filings with the Securities and Exchange Commission. Readers can identify these forward-looking statements by their use of such verbs as "expects," "anticipates," "believes" or similar verbs or conjugations of such verbs. Forward-looking statements include any discussion of the trends and other factors that drive our business and future results in "Item 7. Management's Discussion and Analysis of Financial Conditions and Results of Operations." Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their date. If any of management's assumptions prove incorrect or should unanticipated circumstances arise, the Company's actual results could materially differ from those anticipated by such forward-looking statements. The differences could be caused by a number of factors or combination of factors including, but not limited to, those factors identified under Item 1A "Risk Factors." Readers are strongly encouraged to consider those factors when evaluating any forward-looking statements concerning the Company. The Company does not undertake to update any forward-looking statements in this Annual Report to reflect future events or developments.

## Part I

## Item 1. Business

This discussion of the business of Garmin Ltd. ("Garmin" or the "Company") should be read in conjunction with, and is qualified by reference to, "Management's Discussion and Analysis of Financial Condition and Results of Operations" under Item 7 herein and the information set forth in response to Item 101 of Regulation S-K in such Item 7 is incorporated herein by reference in partial response to this Item 1. Garmin has identified five reportable segments for external reporting purposes: Auto, Aviation, Marine, Outdoor and Fitness. There are two operating segments (Auto PND and Auto OEM) that are not reported separately but are aggregated within the Auto reportable segment. Each operating segment is individually reviewed and evaluated by our Chief Operating Decision Maker (CODM), who allocates resources and assesses performance of each segment individually. The segment and geographic information included in Item 8, "Financial Statements and Supplementary Data," under Note 8 is incorporated herein by reference in partial response to this Item 1.

Garmin was incorporated in Switzerland on February 9, 2010 as successor to Garmin Ltd., a Cayman Islands company ("Garmin Cayman"). Garmin Cayman was incorporated on July 24, 2000 as a holding company for Garmin Corporation, a Taiwan corporation, in order to facilitate a public offering of Garmin Cayman shares in the United States. On June

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27, 2010, Garmin became the ultimate parent holding company of the Garmin group of companies pursuant to a share exchange transaction effected for the purpose of changing the place of incorporation of the ultimate parent holding company of the Garmin group from the Cayman Islands to Switzerland (the "Redomestication"). Pursuant to the Redomestication, all issued and outstanding Garmin Cayman common shares were transferred to Garmin and each common share, par value U.S. $\$ 0.005$ per share, of Garmin Cayman was exchanged for one registered share, par value 10 Swiss francs (CHF) per share, of Garmin. Garmin owns, directly or indirectly, all of the operating companies in the Garmin group.

Garmin's annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, proxy statement and Forms 3, 4 and 5 filed by Garmin's directors and executive officers and all amendments to those reports will be made available free of charge through the Investor Relations section of Garmin's website (http://www.garmin.com) as soon as reasonably practicable after such material is electronically filed with, or furnished to, the Securities and Exchange Commission (the "SEC"). The SEC maintains an Internet site (http://www.sec.gov) that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC.

The reference to Garmin's website address does not constitute incorporation by reference of the information contained on this website, and such information should not be considered part of this report on Form 10-K.

## Company Overview

For over 25 years, Garmin Ltd. and subsidiaries (together, the "Company") has pioneered new Global Positioning System (GPS) navigation and wireless devices and applications that are designed for people who live an active lifestyle. Garmin serves five primary business units, including auto, aviation, fitness, marine, and outdoor. Garmin designs, develops, manufactures, markets and distributes a diverse family of hand-held, wearable, portable and fixed-mount GPS-enabled products and other navigation, communications, sensor-based and information products. Since the inception of its business, Garmin has delivered over 157 million products, which includes the delivery of more than 16 million products during 2015.

## Overview of the Global Positioning System

The Global Positioning System is a worldwide navigation system which enables the precise determination of geographic location using established satellite technology. The system consists of numerous constellations of orbiting satellites. Access to the systems is provided free of charge.

Garmin utilizes a variety of global navigation satellite systems (GNSS) including, but not limited to:
The satellites and their ground control and monitoring stations maintained and operated by the United States -Department of Defense, which maintains an ongoing satellite replenishment program to ensure continuous global system coverage.
Japan's MTSAT-based Satellite Augmentation System (MSAS) which achieved initial operating capability for enroute, terminal and approach navigation for aviation on September 27, 2007.
The European Geostationary Navigation Overlay Service (EGNOS) aviation Safety of Life (SoL) service which achieved initial operating capability for enroute, terminal, and approach navigation on March 2, 2011.
The Global Navigation Satellite System (GLONASS), a space-based satellite navigation system operated by the Russian Federation, consisting of 24 satellites and providing world-wide coverage. In certain urban canyon or restricted sky visibility situations, the use of both GPS and GLONASS satellites to produce a navigation fix may result in improved accuracy.

The accuracy and utility of GPS can be enhanced through augmentation techniques which compute any remaining errors in the signal and broadcast these corrections to a GPS device. The Federal Aviation Administration ("FAA") has developed a Wide Area Augmentation System (WAAS) comprising ground reference stations and additional satellites

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that improve the accuracy of GPS positioning available in the United States and most of Canada and Mexico to approximately 3 meters. WAAS supports the use of GPS as the primary means of enroute, terminal and approach navigation for aviation in the United States. The increased accuracy offered by WAAS also enhances the utility of WAAS-enabled GPS receivers for consumer applications.

## Products

Garmin offers a broad range of solutions across its reportable segments as outlined below. In general, Garmin believes that its products are known for their value, high performance, ease of use, innovation, and ergonomics.

## Auto

Garmin offers a broad range of auto navigation products, as well as a variety of products and applications designed for the mobile GPS market. Garmin currently offers to consumers around the world:

## Personal Navigation Devices (PND) -

PNDs combine a full-featured GPS navigator (with built-in maps) with Garmin's uniquely simple user interface. PNDs are sold under the nüvi®, zūmo ${ }^{\circledR}$, dēzl ${ }^{\mathrm{TM}}, \mathrm{RV}$ and fleet product lines. The zūmo series offers motorcycle-specific features. RV series offers features specific to the RV enthusiast. The dēzl series offers over-the-road trucking features while the fleet series delivers an integrated tracking and dispatch fleet system. Across the expansive product portfolio, Garmin offers features such as large screens, integrated traffic receivers for traffic avoidance (including some models with lifetime traffic updates), bundled lifetime map updates, spoken street names, voice activated navigation, speed limit indication, lane assist with PhotoReal junction views - thousands of high quality photos of actual upcoming junctions, Bluetooth hands-free capability, DashCams/Passenger Cams, driver awareness alerts, and backup cameras. In fiscal years 2015, 2014 and 2013, the nüvi class of products represented approximately $22 \%, 27 \%$, and $34 \%$ of Garmin's total consolidated revenues, respectively.

## Infotainment Solutions -

In addition to PNDs, Garmin has many relationships with original equipment manufacturers (OEMs) providing infotainment solutions ranging from portable solutions utilizing an integrated mount within the vehicle to software navigation solutions to fully embedded systems offering a broad range of functionality.

## Mobile Applications -

Garmin offers mobile applications under the StreetPilot ${ }^{\circledR}$ and NAVIGON® product names. The applications are offered across a broad range of smartphones and tablets including iOS, Android and Windows enabled devices. These applications provide users turn-by-turn, voice-prompted directions and other advanced Garmin navigation features.

## Outdoor

Garmin offers a broad range of products designed for use in outdoor activities. Garmin currently offers to consumers around the world:

Outdoor handhelds range from basic waypoints navigation capabilities to advanced color touchscreen devices offering barometric altimeter, 3-axis compass, camera, microSD ${ }^{\mathrm{TM}}$ card slot for optional customized maps, Bluetooth for smartphone connectivity, and other features. Outdoor handhelds are sold under the Oregon®, Rino $\circledR$, Montana ${ }^{\circledR}$, Monterra®, eTrex®, and GPSMAP® product lines. Each series of products is designed to serve various price points and niche activity categories. The Rino series of handhelds additionally offers two-way Family Radio Service (FRS) and General Mobile Radio Service (GMRS) that integrate two-way voice communications. The Monterra is Garmin's first Wi-Fi enabled, Android-based outdoor handheld GPS.

## Wearable Devices -

Garmin offers GPS ruggedized smartwatches for outdoor activity. The fēnix ${ }^{\circledR} 3$ provides advanced multisport features for hiking, climbing, skiing, running, cycling, and swimming. The epix® provides advanced multisport features, comprehensive mapping, navigation and tracking functionalities, as well as trip information, such as heading, elevation and weather changes. The tactix ${ }^{\circledR}$ adds additional features inspired by the requirements of law enforcement and police special operations.

## Golf Devices -

The Approach ${ }^{\circledR}$ series of golf-focused devices includes both handhelds and wrist-worn products with over 40,000 preloaded worldwide golf courses. The offerings range from basic display of yardages to the front, back and middle of greens to advanced, touchscreen devices providing measurement of individual shot distances and display of the slope-adjusted yardage to fairways, hazards and greens. A statistic-tracking feature allows users to track and analyze their golf statistics through Garmin Connect ${ }^{\mathrm{TM}}$. Some devices include swing metrics, which gives audible tones to fine-tune swing tempo, an internal compass which provides directional assistance to the pin on blind shots, manual pin positioning, which allows users to tap and drag the flag on the green for precise yardage to the flag, and the ability to display emails, text messages and alerts.

## Dog Tracking and Training/Pet Obedience Devices -

Garmin offers a series of dog-focused products providing a range of functionality including GPS-enabled dog tracking, electronic dog training, and electronic bark correction. The products are offered under the Astro®, Alpha®, PRO, Sport PRO ${ }^{\mathrm{TM}}$, BarkLimiter ${ }^{\mathrm{TM}}$ and Delta ${ }^{\circledR}$ product lines. The Astro series can pinpoint multiple dogs' positions at one time through all-weather collars and a handheld system, which features many of our outdoor capabilities including: barometric altimeter, electronic compass, microSD slot, area calculator and a waterproof exterior. Alpha combines the tracking capabilities of Astro with electronic dog training. The BarkLimiter is an intuitive electronic bark correction device. The Delta and PRO series of training collars offers a remote training device with integrated bark limiting capability for consumer and professional dog training markets.

## Action Cameras -

Garmin offers VIRB® X and VIRB® XE action cameras with digital image stabilization, lens distortion correction, and the ability to take high quality still photographs while the video camera is recording. VIRB X and VIRB XE offer built-in Wi-Fi, data sensors and a high-sensitivity GPS receiver to add speed, elevation, G-force, heart rate, and other data onto video through our VIRB Edit application. A SATM waterproof case allows images to be captured above and below the water without the need for additional hardware.

## Fitness

Garmin offers a broad range of products designed for use in fitness and activity tracking. Garmin currently offers to consumers around the world:

## Running/Multi-Sport Watches -

The Forerunner® series offers compact, lightweight training watches for athletes with integrated GPS sensor that provide time, speed, distance, pace and other data. Some models also offer a heart rate monitoring function and heart-rate based calorie computation. In 2015, Garmin added the Forerunner 235 with Garmin Elevate ${ }^{\mathrm{TM}}$, providing a wrist-based heart rate monitoring solution designed by Garmin. All models allow runners to upload their data to Garmin Connect ${ }^{\mathrm{TM}}$, where they can store, analyze and share their workout data. Additional advanced features include: Virtual Racer ${ }^{\text {TM }}$, which allows runners to race against their previous best times, recovery advisor, race predictor and VO2 max estimate. The Forerunner 9x0XT series is designed specifically for triathletes. These all-in-one GPS-enabled devices provide detailed swim metrics and track distance, speed/pace, elevation and heart rate for running and cycling.

## Cycling Computers -

The Edge® series measures speed, distance, time, calories burned, climb and descent, and altitude offering an integrated personal training system designed for cyclists. In addition, Garmin offers devices geared toward performance-driven cyclists offering real-time connectivity through a smartphone, providing live tracking, social media sharing and real-time weather updates.

## Cycling Power Meter -

Garmin offers Vector ${ }^{\text {TM }}$, which is a high-precision pedal-based power meter designed specifically for cyclists. It provides power data to ANT $+\circledR$ compatible devices. Some models also measure and present right and left leg power balance.

## Cycling Safety and Awareness -

Garmin offers the Varia ${ }^{\mathrm{TM}}$ product line focused on cycling safety and awareness. Varia bike radar alerts cyclists when vehicles are approaching from behind and Varia bike lights make the cyclist more visible when out on the road. Varia Vision ${ }^{\mathrm{TM}}$ is a heads up display that makes data available to the cyclist in their line of sight, so they don't need to always look down at their Edge product while they are moving.

## Activity Tracking Devices -

Garmin offers numerous devices to address the growing activity tracking market. The vívofit® fitness bands provide a personalized daily goal, track progress and remind users when it's time to move. The devices feature a curved display that show steps, goal countdown, calories, distance, time of day and heart rate when paired with a monitor. The vívosmart ${ }^{\circledR}$ and vívosmart® HR bands provide the same functions as the vívofit but also include smart notifications and a vibration alert. The vívosmart HR also incorporates Garmin Elevate. vívoactive ${ }^{\circledR}$ is a smartwatch focused on the active lifestyle consumer with all the basic activity tracking features along with applications designed for running, cycling and swimming and includes connectivity to the Connect IQ ${ }^{\text {TM }}$ application store for further customizations and capabilities.

## Garmin Connect and Garmin Connect Mobile -

Garmin Connect ${ }^{\mathrm{TM}}$ and Garmin Connect ${ }^{\mathrm{TM}}$ Mobile are web and mobile platforms where users can track and analyze their fitness and wellness data. In addition, users can share their accomplishments, create training groups, and get feedback and encouragement from the Connect community.

## Marine

Garmin offers a broad range of products designed for use in the recreational marine industry. Garmin currently offers to consumers around the world:

## Chartplotters and Multi-Function Displays (MFDs) -

Garmin offers numerous chartplotters/MFDs under the GPSMAP® and echoMAP ${ }^{\text {TM }}$ product lines. The offerings range from 4 -inch portable and fix-mounted products to 19 -inch fully-integrated Glass Helm offerings. Cartography options range from US coastal and inland lake mapping to worldwide basemaps to highly detailed BlueChart ${ }^{\circledR}$ g2 Visio® to LakeVü HD Ultra charts offering auto-guidance, 3-D chart views and aerial reference photos. BlueChart g2 Visio and LakeVü HD Ultra include Garmin's most detailed lake cartography created based on surveys by Garmin's fleet of high tech boats. Additional advanced features and connectivity available include smartphone applications that wirelessly send weather data to your plotter and remotely access your helm electronics. Additionally, some models have the CHIRP sonar function fully integrated to reduce system cost. Our chartplotters also support "plug-and-play" access to onboard sensors and Garmin accessories with NMEA 2000 and Garmin Marine Network connectivity (the Garmin Marine Network is a system that combines GPS, radar, SiriusXM WX Satellite Weather, sonar, and other components).

## Fishfinders -

Garmin offers a new advanced line of fishfinders, the Striker ${ }^{\mathrm{TM}}$ series, which incorporate GPS technology. These fishfinders are available in screen sizes from 4 to 7 inches and are paired with our latest technology sonar transducers to provide the clearest sonar pictures on the water. DownVü sonar is offered on the 4 -, 5 - and 7 -inch models which provides high resolution images of what is below the boat. The 7 -inch model also offers a SideVü option which provides similar high resolution images but reaches much further out on either side of the boat making the search for fish more efficient. The GPS technology enables anglers to mark their best fishing spots and then easily return to them next weekend, next month, or next year. An additional bonus with GPS on board is that Striker can provide very accurate speed data which boaters will enjoy.

## Sounders -

Garmin offers "black-box" sounders and "smart transducers" which interface with Garmin MFDs to enhance their utility by providing the depth sounder and fish finder functions in a remote mounted package. The black boxes provide CHIRP, DownVü, and SideVü sonar similar to our integrated sonar plotters, but can be mounted in a more convenient location away from the helm. Additionally, we offer up to 3 kW transmit power with our black box line-up which will reach deeper depths for ocean use. Our newest smart transducer line is Panoptix ${ }^{\mathrm{TM}}$. It uses new technology to provide detailed images that can be seen real-time (LiveVü). Panoptix also offers 3D sonar views to give a good perspective of the landscape underneath the water. The RealVü 3D and 3D historical views are available in thru-hull and transom mount versions of our Panoptix DownVü product. Another feature of Panoptix is the LiveVü and RealVü 3D real-time presentation of what is out in front of your vessel.

## Autopilot Systems -

Garmin offers full-featured marine autopilot systems designed for sailboats and powerboats. The systems incorporate such features as: Garmin's patented Shadow Drive ${ }^{\text {TM }}$ technology, which automatically disengages the autopilot if the helm is turned, remote steering and speed control, and integration with the Volvo Penta IPS steering and propulsion system. Garmin has also introduced steer-by-wire autopilot capabilities for various steering systems.

## Radar -

Garmin offers both radomes and open array radar products with compatibility to any network-compatible Garmin chartplotter. When paired with our newer MFDs, the radars support dual-range mode so users can operate the radar in two ranges independently. The Garmin radar solutions range from 18 inches to 6 feet antennas and from 4 kW up to 25 kW with a maximum range of 96 nautical miles.

## Instruments -

Garmin offers NMEA 2000 and NMEA 0183 compliant instrument displays that show data from multiple remote sensors on one screen. Mariners can display instrument data such as depth, speed through the water, water temperature, fuel flow rate, engine data, fuel level, wind direction and more, depending upon the specific sensors connected. Garmin instruments range from 4 to 7 inches and include 10 -inch mast mounted displays for maximum visibility around the vessel.

## VHF Communication Radios -

Garmin provides marine radios with differing feature sets for the radio needs of all types of mariners. The entry-level radio is NMEA 0183 compatible, while the premium radio is designed for $35+$ foot boats, is NMEA 2000 and NMEA 0183 compatible, offers multi-station support, and monitors all AIS channels at the same time.

## Handhelds and Wrist-worn Devices -

Garmin offers a marine-friendly GPS handheld featuring a 3-axis tilt-compensated electronic compass, wireless data transfer between compatible units and preloaded cartography for the coastal United States. Also offered for mariners is the quatix ${ }^{\circledR}$, Garmin's first GPS watch designed for mariners, combining marine features and navigation and sailing capabilities while integrating Garmin's GPS technology and interface.

## Sailing -

Garmin has integrated many basic and advanced sailing features into our MFD and instrument systems. These features include enhanced wind rose, pre-race guidance, synchronized race timer, virtual starting line, time to burn and lay line data fields.

## Entertainment -

Garmin's entertainment brand, Fusion®, consists of marine audio head units, speakers and amplifiers. These products are designed specifically for the marine environment and support many connectivity options for integrating with MFDs and smartphones on your boat for the best user experience on the market.

## Aviation

Garmin's aviation product line includes GPS-enabled navigation, VHF communications transmitters/receivers, multi-function displays, electronic flight instrumentation systems (EFIS), automatic flight control systems, traffic advisory systems and traffic collision avoidance systems, terrain awareness and warning systems, instrument landing system (ILS) receivers, weather radar, surveillance products, audio panels, cockpit datalink systems and more. The list below includes a sampling of some of the aviation capabilities currently offered by Garmin:

Integrated Avionics Systems/Flight Decks -

Garmin offers a range of integrated glass avionics from the G3X ${ }^{\mathrm{TM}}$ for the experimental and light-sport aircraft market to the G5000® for business jet, military and commercial applications. Basic capabilities integrated include: navigation, communication, attitude, weather, terrain, traffic, surveillance and engine information on large high-resolution color displays. More advanced features include: Garmin's 3-D synthetic vision technology (SVT ${ }^{\mathrm{TM}}$ ), weather, Garmin's electronic stability and protection system (ESP ${ }^{\text {TM }}$ ), electronic flight charts and touchscreen controls, which utilize patent pending infrared touchscreen technology, audio and visual feedback, and animation to help pilots know exactly how the system is responding to their input.

Garmin offers similar integrated glass avionics for the helicopter market through the G500H, G1000H® and $\mathrm{G} 5000 \mathrm{H} ®$. Basic and advanced capabilities are similar to those offered to the aircraft market. The helicopter offerings have been optimized for rotorcraft and offer features like helicopter synthetic vision technology (HSVT ${ }^{\text {TM }}$ ), helicopter-specific databases with over 7,000 heliports and nearly 30,000 additional low-altitude obstacles, SiriusXM Satellite Weather with NEXRAD, and the ability to display video from a forward looking infrared (FLIR) camera or other video sources.

Garmin also offers all-glass integrated avionics to the retrofit market through the G500, G600, G950®, G1000® and G5000®. These solutions provide electronic flight displays that work with separate Garmin avionics to provide essential information such as attitude, air data, weather, terrain and traffic. In addition, upgraded systems also allow for the display and control of such data as altitude preselects and vertical speed, DME distance, analog radar altitude, and analog navigation data.

## Panel-mount aviation products -

## GPS/Navigation/Communication Solutions -

Garmin provides certified GPS navigation receivers, traditional VHF navigation receivers, instrument landing systems receivers and VHF communication transmitters/receivers. Features available in different GNC®, GTR ${ }^{\mathrm{TM}}$, GNS ${ }^{\mathrm{TM}}$ and GTN ${ }^{\mathrm{TM}}$ series models include 4-color map graphics, GPS, communication and navigation capabilities, touchscreen operation, graphical flight planning with Victor high-altitude and RNAV airways, remote transponder, remote audio control, SafeTaxi® and electronic chart capabilities. Helicopter Terrain Awareness and Warning System (HTAWS) is an option providing graphical and audible alerts of potential terrain and obstacle conflicts along the flight path.

## Traffic Solutions -

Garmin offers traffic avoidance products combining active and passive surveillance data to pinpoint specific traffic threats. These capabilities are part of our GTS ${ }^{\text {TM }}$ series of systems. The systems use Garmin's patent-pending CLEAR CAS ${ }^{\mathrm{TM}}$ technology and correlate automatic dependent surveillance broadcast (ADS-B) with radar targets. The offerings include solutions for the range of light through transport category aircraft and helicopters.

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## Audio Solutions -

The GMA ${ }^{\mathrm{TM}}$ series are audio panels ranging from offerings with basic capabilities for the recreational pilot to advanced capabilities including voice recognition, 3D spatial audio processing, advanced auto squelch, ambient noise based volume adjustment and independent pilot/co-pilot communications capabilities.

## Transponder Solutions -

Garmin provides a range of transponder solutions in the GTX ${ }^{\mathrm{TM}}$ series. The FAA-certified transponders transmit surveillance parameters to air traffic control radar systems or other aircraft's air traffic avoidance devices. Newer transponders offer data link capability, including local air traffic information at FAA radar sites equipped with Traffic Information Service (TIS) and ADS-B compliance for the Next Generation airspace system, via transmission of traffic surveillance data such as aircraft flight ID, position, altitude, velocity, climb/descent, and heading information. Garmin offers solutions for the range of light through transport aircraft and helicopters.

## UAT-Based ADS-B Solutions -

Garmin offers a range of FAA certified UAT-based ADS-B products within the GDL® series. Configurations include products with and without mandate meeting internal WAAS receivers and configurations which offer diversity (dual) antenna transmit/receive capability. The range of capabilities across this line include the base ADS-B out transmit function, plus ADS-B in receive for FIS-B weather, TIS-B uplink and multilink ( 1090 MHz and 978 MHz ) air-to-air reception. Furthermore some of these products provide traffic correlation with other onboard traffic systems such as TCAS to provide a single hybrid traffic feed to the display devices.

## Weather Solutions -

Weather capabilities are delivered within our GDL®, GSR $^{\mathrm{TM}}$ and $\mathrm{GWX}{ }^{\mathrm{TM}}$ series. The solutions range from offering SiriusXM satellite data link weather information (subscription required) to the aircraft via display devices from Garmin and tablets to on-demand global weather information, text/voice communications and position tracking through the Iridium satellite network (subscription required). Available in the GWX ${ }^{\mathrm{TM}}$ series is real-time airborne weather radar including magnetron-based and solid state weather radar solutions. Solid state products include additional features such as Doppler-enhanced ground-clutter suppression and turbulence detection.

Garmin offers the aera® series and GPSMAP® 695/696 as portable avionics solutions. The aera series combines an aviation portable with a full-featured automotive GPS. These touchscreen products come with a complement of aviation databases including navigation, SafeTaxi®, FliteCharts $\circledR$, airport directory and terrain/obstacles for heightened situational awareness. Advanced features include: a digital document viewer, a scratch pad, pre-loaded geo-referenced charts, and SiriusXM radio and weather (subscription required). The aera 79x and GPSMAP 69x series offers detailed electronic charts, airways and IFR map mode. Complementing the portable display products and the Garmin Pilot ${ }^{\mathrm{TM}}$ tablet application is the GDL® 39 which provides a remote GPS receiver plus ADS-B in information for traffic and weather. Garmin announced D2 ${ }^{\mathrm{TM}}$ Bravo in July 2015, which is a premium watch designed specifically for aviators.

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## Mobile Application -

Garmin Pilot ${ }^{\text {TM }}$ is a premium flight planning, flight plan filing, and pre-flight weather application for display on iOS and Android-based mobile devices. It provides access to comprehensive global weather data, as available per region, that generally includes radar, weather report (METARS), forecasts (TAFs), weather alerts (AIRMETS/SIGMETS), pilot reports, satellite imagery (visible and IR), winds and temperature aloft, lightning data, and notices to airmen (NOTAM).

## Sales and Marketing

Garmin's non-aviation products are sold in approximately 100 countries through a worldwide network of approximately 4,000 independent dealers and distributors, who meet our sales and customer service qualifications. No single customer's purchases represented $10 \%$ or more of Garmin's consolidated revenues in the fiscal year ended December 26, 2015. Marketing support is provided geographically from Garmin's offices around the world. Garmin's distribution strategy is intended to increase Garmin's global penetration and presence while maintaining high quality standards to ensure end-user satisfaction.

Garmin's U.S. consumer product sales are handled through its network of dealers and distributors who are serviced by a staff of regional sales managers and in-house sales associates. Garmin's Europe, Middle East, Australia/New Zealand and Africa consumer product sales are handled through our in-country subsidiaries or local distributors who resell to dealers. Working closely with Garmin's in-house sales and marketing staff in the U.K. and U.S., these in-country subsidiaries or independent distributors are responsible for inventory levels and staff training requirements at each retail location. Garmin's Taiwan-based marketing team handles the Company's Asia sales and marketing effort. Some of Garmin's larger consumer products dealers and distributors include:

> Amazon.com-internet retailer;
> Best Buy—one of the largest U.S. and Canadian electronics retailers; Halfords-a large European retailer specializing in car parts and accessories; and Wal-Mart—the world's largest mass retailer

Garmin's retrofit avionics and aviation portable products are sold through select aviation dealers around the world and, in the case of aviation portable products, also through catalogs and pilot shops. Garmin's largest aviation dealers include Aircraft Spruce \& Specialty Co., Elliott Aviation, Gulf Coast Avionics Corp., Sarasota Avionics, and Sportsman's Market. Avionics dealers have the training, equipment and certified staff required for at-airport installation of Garmin's avionics equipment.

In addition to the traditional distribution channels mentioned, Garmin has many relationships with original equipment manufacturers (OEMs). In the auto segment, Garmin's products are sold globally to automotive and motorcycle OEMs, either directly or through tier 2 sourcing. Some of Garmin's larger OEM relationships include BMW Motorrad, Bombardier, Chrysler, Harley-Davidson, Honda, Mercedes Benz, Polaris, Suzuki and Volkswagen. In the marine segment, Garmin's products are standard equipment on various models of boats. Some of the larger OEM relationships include Ranger Tugs, Cutwater Boats (a Division of Fluid Motion, LLC), Bayliner Boats (a division of Brunswick Corporation), Bavaria Yacht, Chaparral Boats, Inc., Andros Boats, Inc., Edgewater Boats, LLC, Bennington Marine, LLC, Cigarette Racing Team, LLC, Cobalt Boats, LLC, G3 Boats (a division of Yamaha Motor Corp.), Gulf Craft, Inc., Fairline Boats, Ltd., Inha Works Ltd. and Regal Marine Industries, Inc. In the aviation market, Garmin's avionics are either standard equipment or options on various models of aircraft. Some of the larger OEM relationships include AgustaWestland, Bombardier, Bell Helicopter-A Textron Company, Textron Aviation, Cirrus Aircraft, Embraer SA, Eurocopter, an EADS Company, Beechcraft Corporation, Pilatus Aircraft Ltd, Piper Aircraft, Inc., Quest Aircraft Company, and Robinson Helicopter Company.

## Competition

In general, we operate in highly competitive markets though competitive conditions do vary among our diverse products and geographies. Garmin believes the principal competitive factors impacting the market for its products are design, functionality, quality and reliability, customer service, brand, price, time-to-market and availability. Garmin believes that it generally competes favorably in each of these areas and as such, is generally a significant competitor in each of our major markets.

Garmin believes that its principal competitors for portable automotive products are TomTom N.V. and MiTAC Digital Corporation (MiTAC) (which distributes products under the brand names of Magellan, Mio, and Navman). Garmin believes that its principal competitors for infotainment solutions are Harman International Industries, Panasonic Corporation, and the Mitsubishi Group. Garmin believes that its principal competitors for outdoor product lines are Bushnell, DeLorme, Magellan, a subsidiary of MiTAC, SportDOG Brand and Suunto Oy. For mobile products Garmin believes that its principal competitors are Google Inc., Apple Inc. and Telenav Inc. Garmin believes that its principal competitors for fitness products are Apple Inc., Bryton Corp., Fitbit Inc., AliphCom dba Jawbone, Polar Electro Oy, Sigma Sports, Suunto Oy and Timex Corp. For marine products, Garmin believes that its principal competitors are Furuno Electronic Company, the Humminbird division of Johnson Outdoors, Inc., Navico and Flir Systems, Inc. For Garmin's aviation product lines, Garmin considers its principal competitors to be Aspen Avionics, Avidyne Corporation, Chelton Flight Systems, CMC Electronics, Free Flight Systems, Genesys Aerosystems, Honeywell, Inc., Innovative Solutions and Support Inc., L-3 Avionics Systems, Rockwell Collins, Inc., Sagem SA and Universal Avionics Systems Corporation.

## Research and Development

Garmin's product innovations are driven by its strong emphasis on research and development and the close partnership between Garmin's engineering and manufacturing teams. Garmin's products are created by its engineering and development staff, which numbered 3,412 people worldwide as of December 26, 2015. Garmin's manufacturing staff includes manufacturing process engineers who work closely with Garmin's design engineers to ensure manufacturability and manufacturing cost control for its products. Garmin's development staff includes industrial designers, as well as software engineers, electrical engineers, mechanical engineers and cartographic engineers. Garmin believes the industrial design of its products has played an important role in Garmin's success. Once a development project is initiated and approved, a multi-disciplinary team is created to design the product and transition it into manufacturing.

Below is a table of Garmin's expenditures on research and development over the last three fiscal years.

|  | December 26, | December 27, | December 28, |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| (\$'s in thousands) | 2015 | 2014 | 2013 |  |  |
| Research and development | 427,043 | 395,121 |  | 364,923 |  |
| Percent of net sales | 15.1 | $\%$ | 13.8 | $\%$ | 13.9 |

## Manufacturing and Operations

Garmin believes one of its core competencies and strengths is its vertically integrated manufacturing capabilities at its Taiwan facilities in Xizhi, Jhongli and LinKou, its China facility in Yangzhou, and at its U.S. facilities in Olathe, Kansas and Salem, Oregon. Garmin believes that its ownership and operation of its own manufacturing facilities and distribution networks provides significant capability and flexibility to address the breadth and depth of resources necessary to serve its diverse products and markets.

Specifically, Garmin believes that its vertical integration of its manufacturing capabilities provides advantages to product cost, quality and time to market.

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Cost: Garmin's manufacturing resources rapidly and iteratively prototype designs, concepts, products and processes, achieving higher efficiency, resulting in lower cost. Garmin's vertical integration approach enables leveraging our manufacturing resources across high, mid and low volume products. Sharing of these resources across our product lines favorably affects Garmin's costs to produce its range of products, with lower volume products realizing the economies of scale of the high volume products. The ownership and integration of our resources allows Garmin to optimize the design for manufacturing of our products, yielding improved cost.

Quality: Garmin's automation and sophisticated production processes provide in-service robustness and consistent reliability standards that enables Garmin to maintain strict process and quality control of the products manufactured, thereby improving the overall quality of our products. Additionally, the immediate feedback throughout the manufacturing processes is provided to the development teams providing integrated continuous improvement throughout design and supply chain.

Time to Market: Garmin uses multi-disciplinary teams of design engineers, process engineers, and supply chain specialists to develop products, allowing them to quickly move from concept to manufacturing. This integrated ownership provides inherent flexibility to enable faster time to market.

Garmin's design, manufacturing, distribution, and servicing processes in its U.S., Taiwan, China and U.K. facilities are certified to ISO 9001, an international quality standard developed by the International Organization for Standardization. Garmin's automotive operations in Taiwan and Olathe have achieved TS 16949 certification, a quality standard for automotive suppliers. Garmin's new China facility in Yangzhou has received a TS16949 letter of conformance and expects to be formally certified in fourth quarter 2016. Garmin's Olathe and Salem aviation operations have achieved certification to AS9100, the quality standard for the aviation industry.

Garmin International, Inc., Garmin (Europe) Ltd. and Garmin Corporation have also achieved certification of their environmental management systems to the ISO 14001 standard, recognizing Garmin's systems and processes which minimize or prevent harmful effects on the environment and continually strive to improve its environmental performance.

## Materials

Although most components essential to Garmin's business are generally available from multiple sources, certain key components are currently obtained by the Company from single or limited sources, which subjects Garmin to supply and pricing risks. Many of these and other key components that are available from multiple sources, including, but not limited to, NAND flash memory, dynamic random access memory (DRAM), GPS chipsets and certain LCDs, are
subject at times to industry-wide shortages and commodity pricing fluctuations.

Garmin and other participants in the personal computer, tablet, mobile communication, aviation electronics and consumer electronics industries also compete for various components with other industries that have experienced increased demand for their products. In addition, Garmin uses some custom components that are not common to the rest of the personal computer, tablet, mobile communication and consumer electronics industries, and new products introduced by the Company often utilize custom components available from only one source until Garmin has evaluated whether there is a need for, and subsequently qualifies, additional suppliers. When a component or product uses new technologies, initial capacity constraints may exist until the suppliers' yields have matured or manufacturing capacity has increased. Garmin makes efforts to manage risks in these areas through the use of supply agreements for strategically important components. Nevertheless, if Garmin's supply of a key single-sourced component for a new or existing product was delayed or constrained, if such components were available only at significantly higher prices, or if a key manufacturing vendor delayed shipments of completed products to Garmin, Garmin's financial condition and operating results could be materially adversely affected. Garmin's business and financial performance could also be adversely affected depending on the time required to obtain sufficient quantities from the original source, or to identify and obtain sufficient quantities from an alternative source. Continued availability of these components at acceptable prices, or at all, may be affected if those suppliers decided to concentrate on the production of common components instead of components customized to meet Garmin's requirements.

## Seasonality

Our sales are subject to seasonal fluctuation. Sales of our consumer products are generally higher in the fourth quarter, due to increased demand during the holiday buying season, and, to a lesser extent, the second quarter, due to increased demand during the spring and summer season and the Mother's Day/Father's Day/graduation buying season. Sales of consumer products are also influenced by the timing of the release of new products. Our aviation products do not experience much seasonal variation, but are more influenced by the timing of the release of new products when the initial demand is typically the strongest.

## Backlog

Our sales are generally of a consumer nature and there is a relatively short cycle between order and shipment. Therefore, we believe that backlog information is not material to the understanding of our business. We typically ship most orders within 72 hours of receipt.

## Intellectual Property

Our success and ability to compete is dependent in part on our proprietary technology. We rely on a combination of patent, copyright, trademark and trade secret laws, as well as confidentiality agreements, to establish and protect our proprietary rights. In addition, Garmin often relies on licenses of intellectual property for use in its business. For example, Garmin obtains licenses for digital cartography technology for use in our products from various sources.

As of January 7, 2016, Garmin's worldwide IP portfolio includes over 950 patent and 640 trademark registrations issued worldwide. Generally, patents issued in the United States are effective for 20 years from the earliest asserted filing date of the patent application. The duration of foreign patents varies in accordance with the provisions of applicable local law. For the past eight years Garmin has been selected as a constituent of the Ocean Tomo® 300 Patent Index which recognizes companies with high intellectual property value. We believe that our continued success depends on the intellectual skills of our employees and their ability to continue to innovate. Garmin will continue to file and prosecute patent applications when appropriate to attempt to protect Garmin's rights in its proprietary technologies.

There is no assurance that our current patents, or patents which we may later acquire, may successfully withstand any challenge, in whole or in part. It is also possible that any patent issued to us may not provide us with any competitive
advantages, or that the patents of others will preclude us from manufacturing and marketing certain products. Despite our efforts to protect our proprietary rights, unauthorized parties may attempt to copy aspects of our products or to obtain and use information that we regard as proprietary. Litigation may be necessary in the future to enforce our intellectual property rights, to protect our trade secrets, to determine the validity and scope of the proprietary rights of others or to defend against claims of infringement or invalidity.

## Regulations

The telecommunications industry is highly regulated, and the regulatory environment in which Garmin operates is subject to change. In accordance with the United States' Federal Communications Commission (FCC) rules and regulations, wireless transceiver products are required to be certified by the FCC and comparable authorities in foreign countries where they are sold. Garmin's products sold in Europe are required to comply with relevant directives of the European Commission. A delay in receiving required certifications for new products, or enhancements to Garmin's products, or losing certification for Garmin's existing products could adversely affect our business. In addition, aviation products that are intended for installation in "type certificated aircraft" are required to be certified by the FAA, its European counterpart, the European Aviation Safety Agency, and other comparable organizations before they can be used in an aircraft.

Because Garmin Corporation, one of the Company's principal subsidiaries, is located in Taiwan, foreign exchange control laws and regulations of Taiwan with respect to remittances into and out of Taiwan may have an impact on Garmin's operations. The Taiwan Foreign Exchange Control Statute, and regulations thereunder, provides that all foreign exchange transactions must be executed by banks designated to handle such business by the Ministry of Finance of Taiwan and by the Central Bank of the Republic of China (Taiwan), also referred to as the CBC. Current regulations favor trade-related foreign exchange transactions. Consequently, foreign currency earned from exports of merchandise and services may now be retained and used freely by exporters, while all foreign currency needed for the import of merchandise and services may be purchased freely from the designated foreign exchange banks. Aside from trade-related foreign exchange transactions, Taiwan companies and residents may, without foreign exchange approval, remit outside and into Taiwan foreign currencies of up to $\$ 50$ million and $\$ 5$ million respectively, or their equivalent, each calendar year. Currency conversions within the limits are processed by the designated banks and do not have to be reviewed and approved by the CBC. The above limits apply to remittances involving a conversion between New Taiwan Dollars and U.S. Dollars or other foreign currencies. The CBC typically approves foreign exchange in excess of the limits if a party applies with the CBC for review and presents legitimate business reasons justifying the currency conversion. A requirement is also imposed on all enterprises to register all medium and long-term foreign debt with the CBC.

## Environmental Matters

Garmin's operations are subject to various environmental laws, including laws addressing air and water pollution and management of hazardous substances and wastes. Substantial noncompliance with applicable environmental laws could have a material adverse effect on our business. Capital expenditures for environmental controls are included in our normal capital budget.

Environmental regulation of Garmin's products is increasing. Many of Garmin's products are subject to laws relating to the chemical and material composition of our products and their energy efficiency. Garmin is also subject to laws requiring manufacturers to be financially responsible for collection, recovery and recycling of wastes from certain electronic products. Compliance with current environmental laws does not have a material impact on our business, but the impact of future enactment of environmental laws cannot yet be fully determined and could be substantial.

Garmin has implemented multiple Environmental Management System (EMS) policies in accordance with the International Organization for Standardization (ISO) 14001 standard for Environmental Health and Safety Management. Garmin's EMS policies set forth practices, standards, and procedures to ensure compliance with applicable environmental laws and regulations at Garmin's Kansas headquarters facility, Garmin's European headquarters facility, and Garmin's Taiwan manufacturing facility.

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Regulatory and "Green Procurement" demands from our customers are also increasing; particularly in the areas of restricted substance use and environmentally-friendly design and manufacture initiatives. The overall impacts of these customer requirements cannot yet be established. Garmin is committed to improving our products and processes to meet our customer needs.

## Employees

As of December 26, 2015, Garmin had 11,651 full and part-time employees worldwide, of whom 4,333 were in the United States, 88 were in Canada, 5,289 were in Taiwan, 1,294 were in Europe, and 647 were in other global locations. Except for some of Garmin's employees in Brazil and Sweden, none of Garmin's employees are represented by a labor union and none of Garmin's North American or Taiwan employees are covered by a collective bargaining agreement. Garmin considers its employee relations to be good.

Item 1A. Risk Factors

The risks described below are not the only ones facing our company. Additional risks and uncertainties not presently known to us or that we currently believe to be immaterial may also impair our business operations. If any of the following risks occur, our business, financial condition or operating results could be materially adversely affected.

## Risks Related to the Company

If we are not successful in the continued development, introduction or timely manufacture of new products,
demand for our products could decrease.

We expect that a significant portion of our future revenue will continue to be derived from sales of newly introduced products. The market for our products is characterized by rapidly changing technology, evolving industry standards and changes in customer needs. If we fail to introduce new products, or to modify or improve our existing products, in response to changes in technology, industry standards or customer needs, our products could rapidly become less competitive or obsolete. We must continue to make significant investments in research and development in order to continue to develop new products, enhance existing products and achieve market acceptance for such products. However, there can be no assurance that development stage products will be successfully completed or, if developed, will achieve significant customer acceptance.

If we are unable to successfully develop and introduce competitive new products, and enhance our existing products, our future results of operations would be adversely affected. Our pursuit of necessary technology may require substantial time and expense. We may need to license new technologies to respond to technological change. These licenses may not be available to us on terms that we can accept or may materially change the gross profits that we are able to obtain on our products. We may not succeed in adapting our products to new technologies as they emerge. Development and manufacturing schedules for technology products are difficult to predict, and there can be no assurance that we will achieve timely initial customer shipments of new products. The timely availability of these products in volume and their acceptance by customers are important to our future success. Any future challenges related to new products, whether due to product development delays, manufacturing delays, lack of market acceptance, delays in regulatory approval, or otherwise, could have a material adverse effect on our results of operations.

If we are unable to compete effectively with existing or new competitors, our resulting loss of competitive position could result in price reductions, fewer customer orders, reduced margins and loss of market share.

The markets for many of our products are highly competitive, and we expect competition to increase in the future. Some of our competitors have significantly greater financial, technical and marketing resources than we do. These competitors may be able to respond more rapidly to new or emerging technologies or changes in customer requirements. They may also be able to devote greater resources to the development, promotion and sale of their products or secure better product positioning with retailers. Increased competition could result in price reductions, fewer customer orders, reduced margins and loss of market share. Our failure to compete successfully against current or future competitors could seriously harm our business, financial condition and results of operations.


#### Abstract

The demand for personal navigation devices (PNDs) has been and continues to be reduced by replacement technologies becoming available on mobile devices and factory-installed systems in new autos, as well as by market saturation.


GPS/navigation technologies have been incorporated into competing devices such as mobile handsets, tablets, and new automobiles through factory-installed systems. Many companies are now offering navigation software for these mobile devices. The acceptance of this technology by consumers has reduced sales in this segment and has reduced margins in some periods. Navigation systems are also becoming more prevalent as standard and/or optional equipment on new automobiles. Increased navigation penetration on mobile handsets and in new automobiles is expected to cause further declines in sales of our portable navigation devices and could further reduce margins.

Our annual and quarterly financial statements will reflect fluctuations in foreign currency translation.

The operation of Garmin's subsidiaries in international markets results in exposure to movements in currency exchange rates. We have experienced significant foreign currency gains and losses due to the strengthening and weakening of the U.S. dollar. The potential of volatile foreign exchange rate fluctuations in the future could have a significant effect on our results of operations. The Company has not historically hedged its foreign currency exchange rate risks.

The currencies that create a majority of the Company's exchange rate exposure are the Taiwan Dollar, Euro, and British Pound Sterling. The Taiwan Dollar is the functional currency of Garmin Corporation. The U.S. Dollar remains the functional currency of Garmin Europe. The Euro is the functional currency of most European subsidiaries. As these entities have grown, currency moves can generate material gains and losses. Additionally, Euro denominated inter-company transactions in Garmin Ltd. can also generate currency gains and losses. Other legal entities primarily use the local currency as the functional currency. Due to the relative size of entities using a functional currency other than the Taiwan Dollar, the Euro and the British Pound Sterling, currency fluctuations within these entities are not expected to have a material impact on the Company's financial statements.

The Company translates all assets and liabilities at year-end exchange rates and income and expense accounts at average rates during the year. U.S. GAAP requires the Company at the end of each accounting period to translate into functional currency all U.S. Dollar denominated assets and liabilities. This U.S. GAAP-mandated translation will cause us to recognize gain or loss on our financial statements as the U.S. Dollar strengthens or weakens against the various functional currencies. Such gain or loss will create variations in our earnings per share. Because there is minimal cash impact caused by such exchange rate variations, management will continue to focus on the Company's operating performance before the impact of the foreign currency translation.

The auto segment, which represents approximately $37 \%$ of our revenues, is expected to continue to decline in 2016.

We experienced substantial growth through 2008 in the auto segment of our business as the products became mass-market consumer electronics in both Europe and North America. This market is declining as competing technologies emerged and market saturation occurred. This has resulted in, and could continue to result in, periods of lower revenues for this segment and lower earnings per share.

## Economic conditions and uncertainty could adversely affect our revenue and margins.

Our revenue and margins depend significantly on general economic conditions and the demand for products in the markets in which we compete. Economic weakness or constrained consumer and business spending has resulted in periods of decreased revenue and in the future, could result in decreased revenue and problems with our ability to manage inventory levels and collect customer receivables. In addition, financial difficulties experienced by our retailers and OEM customers have resulted, and could result in the future, in significant bad debt write-offs and additions to reserves in our receivables and could have an adverse effect on our results of operations.

If we do not correctly anticipate demand for our products, we may not be able to secure sufficient quantities or cost-effective production of our products or we could have costly excess production or inventories.

We have generally been able to increase or decrease production to meet fluctuations in demand. However, the demand for our products depends on many factors and may be difficult to forecast. We expect that it will become more difficult to forecast demand as we introduce and support a diverse product portfolio, as competition in the market for our products intensifies and as the markets for some of our products mature. Significant unanticipated fluctuations in demand could cause the following problems in our operations:

If demand increases beyond what we forecast, we would have to rapidly increase production. We would depend on -suppliers to provide additional volumes of components and those suppliers might not be able to increase production rapidly enough to meet unexpected demand.

Rapid increases in production levels to meet unanticipated demand could result in higher costs for manufacturing and supply of components and other expenses. These higher costs could lower our profit margins. Further, if production is increased rapidly, manufacturing quality could decline, which may also lower our margins and reduce customer satisfaction.

If forecasted demand does not develop, we could have excess inventories of finished products and components, which would use cash and could lead to write-offs of some or all of the excess inventories. Lower than forecasted demand could also result in excess manufacturing capacity or reduced manufacturing efficiencies at our facilities, which could result in lower margins.


#### Abstract

We depend on our suppliers, some of which are the sole source for specific components, and our production would be seriously harmed if these suppliers are not able to meet our demand and alternative sources are not available, or if the costs of components rise.


We are dependent on third party suppliers for various components used in our current products. Some of the components that we procure from third party suppliers include semiconductors and electroluminescent panels, liquid crystal displays, memory chips, batteries and microprocessors. The cost, quality and availability of components are essential to the successful production and sale of our products. Some components we use are from sole source suppliers. Certain application-specific integrated circuits incorporating our proprietary designs are manufactured for us by sole source suppliers. Alternative sources may not be currently available for these sole source components.

In the past we have experienced shortages of certain components. In addition, if there are shortages in supply of components, the costs of such components may rise. If suppliers are unable to meet our demand for components on a timely basis and if we are unable to obtain an alternative source or if the price of the alternative source is prohibitive, or if the costs of components rise, our ability to maintain timely and cost-effective production of our products would be seriously harmed.

## Gross margins for our products may fluctuate or erode.

Gross margins in some of our segments have declined in recent years and could further decline in the future due to competitive price reductions that are not fully offset by material cost reductions. In addition, our overall gross margin may fluctuate from period to period due to a number of factors, including product mix, competition and unit volumes. In particular, the average selling prices of a specific product tend to decrease over that product's life. To offset such decreases, we intend to rely primarily on component cost reduction, obtaining yield improvements and corresponding cost reductions in the manufacturing of existing products and on introducing new products that incorporate advanced features and therefore can be sold at higher average selling prices. However, there can be no assurance that we will be able to obtain any such yield improvements or cost reductions or introduce any such new products in the future. To the extent that such cost reductions and new product introductions do not occur in a timely manner or our products do not achieve market acceptance, our business, financial condition and results of operations could be materially adversely affected.


#### Abstract

Changes in our United States federal income tax classification or in applicable tax laws could result in adverse tax consequences to our shareholders.


Legislative proposals have been considered in the United States within the past few years that could increase the United States tax burden of corporations with international operations and could broaden the circumstances under which foreign corporations could be considered resident in the United States. Legislative proposals are being considered in Switzerland that could make significant changes in the corporate tax regime and increase the taxes applicable to us in Switzerland. Our tax position could be adversely impacted by changes in Swiss, United States or foreign tax laws, tax treaties or tax regulations or the interpretation or enforcement thereof by any tax authority. We cannot predict the outcome of any specific legislative proposals.

Recently, the Organization for Economic Co-Operation and Development (OECD) issued final recommendations to prevent perceived base erosion and profit shifting by multinational corporations. While these recommendations are not changes to tax law, the countries where we operate may implement legislation or take unilateral actions which may result in adverse effects to our income tax provision and financial statements.

We do not believe that we, or any of our United States or non-United States subsidiaries, are currently a ' $p$ passive foreign investment company" for United States federal income tax purposes. We do not expect to become a passive foreign investment company. However, because the passive foreign investment company determination is made annually based on whether the company's income or assets meet certain thresholds as determined under United States federal tax principles which are based on facts and circumstances that may be beyond our control, we cannot assure that we will not become a passive foreign investment company in the future. If we are a passive foreign investment company in any year, then any of our shareholders that is a United States person could be liable to pay tax on their pro rata share of our income plus an interest charge upon some distributions by us or when that shareholder sells our common shares at a gain. Further, if we are classified as a passive foreign investment company in any year in which a United States person is a shareholder, we generally will continue to be treated as a passive foreign investment company with respect to such shareholder in all succeeding years, regardless of whether we continue to satisfy the income or asset tests mentioned above.

We do not believe that we, or any of our United States or non-United States subsidiaries, are currently a Controlled Foreign Corporation (CFC) for United States federal income tax purposes. We do not expect to become a CFC. The CFC determination is made daily based on whether the United States shareholders own more than fifty percent of the voting power or value of the Company. Only United States persons that own ten percent or more of the voting power of the Company's shares qualify as United States shareholders. Currently the Company has two shareholders that qualify as United States shareholders owning greater than ten percent of the voting power, totaling $35 \%$ of the outstanding shares. Thus, the addition of even one additional ten percent or greater United States shareholder could result in classification as a CFC and subject all such holders to significant tax consequences. If the Company were to be classified as a CFC for an uninterrupted thirty day period in any year, the Company's shareholders that qualify as United States shareholders could be liable to pay US income tax at ordinary income tax rates on their pro-rata share of
certain categories of the Company's income for the period in which the Company is classified as a CFC. As the Company cannot control the ownership of the Company's stock nor can the Company control which shareholders participate in the Company's stock buyback program, ownership changes could result that create United States shareholders which increase the risk of Garmin being treated as a CFC.

## We have benefited in the past from Taiwan government tax incentives offered on certain high technology capital investments that may not always be available.

Our effective tax rate has historically been lower than the U.S. federal statutory rate, in part because we have benefited from incentives offered in Taiwan related to our high technology investments in Taiwan. The loss of these tax benefits has begun to have a negative impact on our effective tax rate and reduced benefits will continue into the future.

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## We may experience unique economic and political risks associated with companies that operate in Taiwan.

Relations between Taiwan and the People's Republic of China, also referred to as the PRC, and other factors affecting the political or economic conditions of Taiwan in the future could materially affect our business, financial condition and results of operations and the market price and the liquidity of our shares. Our principal manufacturing facilities where we manufacture all of our products, except our panel-mounted aviation products, are located in Taiwan.

Taiwan has a unique international political status. The PRC asserts sovereignty over all of China, including Taiwan, certain other islands and all of mainland China. The PRC government does not recognize the legitimacy of the Taiwan government. Although significant economic and cultural relations have been established during recent years between Taiwan and the PRC, the PRC government has indicated that it may use military force to gain control over Taiwan in certain circumstances, such as the declaration of independence by Taiwan. Relations between Taiwan and the PRC have on occasion adversely affected the market value of Taiwanese companies and could negatively affect our operations in Taiwan in the future.

## Our intellectual property rights are important to our operations, and we could suffer loss if they infringe upon other's rights or are infringed upon by others.

We rely on a combination of patents, copyrights, trademarks and trade secrets, confidentiality provisions and licensing arrangements to establish and protect our proprietary rights. To this end, we hold rights to a number of patents and registered trademarks and regularly file applications to attempt to protect our rights in new technology and trademarks. However, there is no guarantee that our patent applications will become issued patents, or that our trademark applications will become registered trademarks. Moreover, even if approved, our patents or trademarks may thereafter be successfully challenged by others or otherwise become invalidated for a variety of reasons. Thus, any patents or trademarks we currently have or may later acquire may not provide us a significant competitive advantage.

Third parties may claim that we are infringing their intellectual property rights. Such claims could have a material adverse effect on our business and financial condition. From time to time we receive letters alleging infringement of patents, trademarks or other intellectual property rights and we have been, and currently are, a defendant in lawsuits alleging patent infringement. Litigation concerning patents or other intellectual property is costly and time consuming. We may seek licenses from such parties, but they could refuse to grant us a license or demand commercially unreasonable terms. Such infringement claims could also cause us to incur substantial liabilities and to suspend or permanently cease the use of critical technologies or processes or the production or sale of major products.

## We may become subject to significant product liability costs.

If our aviation products malfunction or contain errors or defects, airplane collisions or crashes could occur resulting in property damage, personal injury or death. Malfunctions or errors or defects in our marine navigational products could cause boats to run aground or cause other wreckage, personal injury or death. If our automotive or marine products contain defects or errors in the mapping supplied by third-party map providers or if our users do not heed our warnings about the proper use of these products, collisions or accidents could occur resulting in property damage, personal injury or death. If any of these events occurs, we could be subject to significant liability for personal injury and property damage and, under certain circumstances, could be subject to a judgment for punitive damages. We maintain insurance against accident-related risks involving our products. However, there can be no assurance that such insurance would be sufficient to cover the cost of damages to others or that such insurance will continue to be available at commercially reasonable rates. In addition, insurance coverage may not cover awards of punitive damages and may not cover the cost of associated legal fees and defense costs, which could result in lower margins. If we are unable to maintain sufficient insurance to cover product liability costs or if our insurance coverage does not cover the award, this could have a materially adverse impact on our business, financial condition and results of operations.

## We have claims and lawsuits against us that may result in adverse outcomes.


#### Abstract

We are subject to a variety of claims and lawsuits. Adverse outcomes in some or all of these claims may result in significant monetary damages or injunctive relief that could adversely affect our ability to conduct our business. Litigation and other claims are subject to inherent uncertainties and the outcomes can be difficult to predict. Management may not adequately reserve for a contingent liability, or we may suffer unforeseen liabilities, which could then impact the results of a financial period. A material adverse impact on our consolidated financial statements could occur for the period in which the effect of an unfavorable final outcome becomes probable and reasonably estimable which, if not expected, could harm our results of operations and financial condition.


#### Abstract

We collect, store, process, and use personal information and other customer data, which subjects us to governmental regulation and other legal obligations related to privacy, information security, and data protection, and our actual or perceived failure to comply with such obligations could harm our business.


We collect, store, process, and use personal information and other user data. Our users' fitness-related data and personal information may include, among other information, names, addresses, phone numbers, email addresses, payment account information, height, weight, age, heart rates, sleeping patterns, GPS-based location, and activity patterns. Due to the volume and types of the personal information and data we manage and the nature of our products, the security features of our platform and information systems are critical. If our security measures and applications are breached or fail, unauthorized persons may be able to obtain access to user data. If we or our third-party service providers, business partners, or third-party apps with which our users choose to share their Garmin data were to experience a breach of systems compromising our users' data or the media suggested that our security measures were insufficient, our brand and reputation could be adversely affected, use of our products and services could decrease, and we could be exposed to a risk of loss, litigation, and regulatory proceedings. Depending on the nature of the information compromised, in the event of a data breach or other unauthorized access to our user data, we may also have obligations to notify users about the incident and we may need to provide some form of remedy for the individuals affected by the incident. A growing number of legislative and regulatory bodies have adopted consumer notification requirements in the event of unauthorized access to or acquisition of certain types of personal data. Such breach notification laws continue to evolve and may be inconsistent from one jurisdiction to another. Complying with these obligations could cause us to incur substantial costs and could increase negative publicity surrounding any incident that compromises user data. Our users may also accidentally disclose or lose control of their passwords, creating the perception that our systems are not secure against third-party access. Additionally, if third parties we work with, such as vendors, business partners, service providers, or developers, violate applicable laws, agreements, or our policies, such violations may also put our users' information at risk and could in turn have an adverse effect on our business. While we maintain insurance coverage that, subject to policy terms and conditions and a significant self-insured retention, is designed to address certain aspects of cyber risks, such insurance coverage may be insufficient to cover all losses or all types of claims that may arise in the continually evolving area of cyber risk.

Regulatory authorities around the world are considering a number of legislative and regulatory proposals concerning data protection. In addition, the interpretation and application of consumer and data protection laws in the U.S., Europe and elsewhere are often uncertain and in flux. It is possible that these laws may be interpreted and applied in a manner that is inconsistent with our data practices. If so, in addition to the possibility of fines, this could result in an order requiring that we change our data practices, which could have an adverse effect on our business and results of operations. Complying with these various laws could cause us to incur substantial costs or require us to change our business practices in a manner adverse to our business.

## Security breaches and other disruptions, including as a result of cyber attacks, may harm our reputation and adversely affect our business and results of operations.

In the ordinary course of our business, we electronically maintain sensitive data, including intellectual property, our proprietary business information and that of our customers and suppliers, and some personally identifiable information of our customers and employees, in our facilities and on our networks. The secure processing, maintenance and transmission of this information is important to our operations. A breach of our security systems and procedures or those of our vendors could result in significant data losses or theft of our customers' or our employees' intellectual property, proprietary business information or personally identifiable information. A cybersecurity breach could negatively affect our reputation as a trusted product and service provider by adversely affecting the market's perception of the security or reliability of our products or services.

We have technology and processes in place to detect and respond to data security incidents. However, because the techniques used to obtain unauthorized access, disable or degrade service, or sabotage systems change frequently and may be difficult to detect for long periods of time, we may be unable to anticipate these techniques or implement adequate preventive measures. In addition, hardware, software or applications we develop or procure from third parties may contain defects in design or manufacture or other problems that could unexpectedly compromise information security. Unauthorized parties may also attempt to gain access to our systems or facilities through fraud, trickery or other forms of deceiving our customers and employees. Accordingly, we may be unable to anticipate these techniques or to implement adequate security barriers or other preventative measures, or if such measures are implemented, and even with appropriate training conducted in support of such measures, human errors may still occur. It is virtually impossible for us to entirely mitigate this risk. A party, whether internal or external, who is able to circumvent our security measures could misappropriate information.

Actual or anticipated attacks and risks may cause us to incur increasing costs, including costs to deploy additional personnel and protection technologies, to train employees, and to engage third party security experts and consultants. Our technology errors and omissions insurance may not protect against all of the costs, liabilities, and other adverse effects arising from a security breach or system failure. If we fail to reasonably maintain the security of confidential information, we may suffer significant reputational and financial losses and our results of operations, cash flows, financial condition, and liquidity may be adversely affected. In addition, a system breach could result in other negative consequences, including disruption of internal operations, and may subject us to private litigation, government investigations, enforcement actions, and cause us to incur potentially significant liability, damages, or remediation costs.

We depend on third party licensors for the digital map data contained in our auto products, and our business and/or gross margins could be harmed if we become unable to continue licensing such mapping data or if the royalty costs for such data rise.

We license digital mapping data for use in our products from various sources. There are only a limited number of suppliers of mapping data for each geographical region. The two largest digital map suppliers are HERE (formerly known as NAVTEQ) and TomTom N.V. HERE is owned by Here Acquisition B.V. (a consortium of Daimler AG, BMW AG and Audi AG). Here Acquisition B.V. is owned by competitors to other global OEMs, who may not wish to utilize mapping content from a competitor. TomTom N.V. is a competitor of Garmin.

Although we do not foresee difficulty in continuing to license data at favorable pricing due to the long term license extension signed between Garmin and HERE in February 2015 extending our HERE license agreement through 2024, if we are unable to continue licensing such mapping data and are unable to obtain an alternative source, or if the nature of our relationships with HERE changes detrimentally, our ability to supply mapping data for use in our products would be seriously harmed.

## We may have additional income tax liabilities.

We are subject to income taxes in Switzerland, the United States and numerous foreign jurisdictions. Significant judgment is required in determining our worldwide provision for income taxes. In the ordinary course of our business, there are many transactions and calculations where the ultimate tax determination is uncertain. We are regularly under audit by tax authorities. Although we believe our tax estimates are reasonable, the final determination of tax audits and any related litigation could be materially different from our historical income tax provisions and accruals. The results of an audit or litigation could have a material effect on our income tax provision, net income or cash flows in the period or periods for which that determination is made.

## Failure to obtain required certifications of our products on a timely basis could harm our business.

We have certain products, especially in our aviation segment, that are subject to governmental and similar certifications before they can be sold. For example, FAA certification is required for all of our aviation products that are intended for installation in type-certificated aircraft. To the extent required, certification is an expensive and time-consuming process that requires significant focus and resources. An inability to obtain, or excessive delay in obtaining, such certifications could have an adverse effect on our ability to introduce new products and, for certain aviation OEM products, our customers' ability to sell airplanes. Delays in our obtaining certification for our aviation products have resulted, and may in the future result, in our being required to pay compensation to our customers. Therefore, such inabilities or delays could adversely affect our operating results. In addition, we cannot assure you that our certified products will not be decertified. Any such decertification could have an adverse effect on our operating results.


#### Abstract

Our business may suffer if we are not able to hire and retain sufficient qualified personnel or if we lose our key personnel.


#### Abstract

Our future success depends partly on the continued contribution of our key executive, engineering, sales, marketing, manufacturing and administrative personnel. We currently do not have employment agreements with any of our key executive officers. Swiss law prohibits us from paying severance payments to our senior executive officers, which may impair our ability to recruit for these positions. We do not have key man life insurance on any of our key executive officers and do not currently intend to obtain such insurance. The loss of the services of any of our senior level management, or other key employees, could harm our business. Recruiting and retaining the skilled personnel we require to maintain and grow our market position may be difficult. For example, in some recent years there has been a nationwide shortage of qualified engineers who are necessary for us to design and develop new products, and therefore, it has sometimes been challenging to recruit such personnel. If we fail to hire and retain qualified employees, we may not be able to maintain and expand our business.


## Our quarterly operating results are subject to fluctuations and seasonality.

Our operating results are difficult to predict. Our future quarterly operating results may fluctuate significantly. If such operating results decline, the price of our stock could decline. As we have expanded our operations, our operating expenses, particularly our research and development costs, have increased as a percentage of our sales. If revenues decrease and we continue to increase research and development costs, our operating results would be negatively affected.

Historically, our revenues have been weaker in the first quarter of each fiscal year as our devices are highly consumer-oriented, and consumer buying is traditionally lower in this quarter. Sales of certain of our fitness, marine and automotive products tend to be higher in our second fiscal quarter due to increased consumer spending for such products in the spring season and travel season. Sales of many of our consumer products also have been higher in our fourth fiscal quarter due to increased consumer spending patterns on electronic devices during the holiday season. In addition, we attempt to time our new product releases to coincide with relatively higher consumer spending in the second and fourth fiscal quarters, which contributes to these seasonal variations.

## We rely on independent dealers and distributors to sell our products, and disruption to these channels would harm our business.

Because we sell many of our products to independent dealers and distributors, we are subject to many risks, including risks related to their inventory levels and support for our products. In particular, our dealers and distributors maintain
significant levels of our products in their inventories. If dealers and distributors attempt to reduce their levels of inventory or if they do not maintain sufficient levels to meet customer demand, our sales could be negatively impacted.

Many of our dealers and distributors also sell products offered by our competitors. If our competitors offer our dealers and distributors more favorable terms, those dealers and distributors may de-emphasize or decline to carry our products. In the future, we may not be able to retain or attract a sufficient number of qualified dealers and distributors. If we are unable to maintain successful relationships with dealers and distributors or to expand our distribution channels, our business will suffer.

We may pursue strategic acquisitions, investments, strategic partnerships or other ventures, and our business could be materially harmed if we fail to successfully identify, complete and integrate such transactions.

We intend to evaluate acquisition opportunities and opportunities to make investments in complementary businesses, technologies, services or products, or to enter into strategic partnerships with parties who can provide access to those assets, additional product or services offerings, additional distribution or marketing synergies or additional industry expertise. We may not be able to identify suitable acquisition, investment or strategic partnership candidates, or if we do identify suitable candidates in the future, we may not be able to complete those transactions on commercially favorable terms, or at all.

Any past or future acquisitions could also result in difficulties assimilating acquired employees, operations, and products and diversion of capital and management's attention away from other business issues and opportunities. Integration of acquired companies may result in problems related to integration of technology and inexperienced management teams. In addition, the key personnel of the acquired company may decide not to work for us. We may not successfully integrate internal controls, compliance under the Sarbanes-Oxley Act of 2002 and other corporate governance matters, operations, personnel or products related to acquisitions we have made in previous years or may make in the future. If we fail to successfully integrate such transactions, our business could be materially harmed.

## There is uncertainty as to our shareholders' ability to enforce certain foreign civil liabilities in Switzerland and Taiwan.

We are a Swiss company and a substantial portion of our assets are located outside the United States, particularly in Taiwan. As a result, it may be difficult to effect service of process within the United States upon us. In addition, there is uncertainty as to whether the courts of Switzerland or Taiwan would recognize or enforce judgments of United States courts obtained against us predicated upon the civil liability provisions of the securities laws of the United States or any state thereof, or be competent to hear original actions brought in Switzerland or Taiwan against us predicated upon the securities laws of the United States or any state thereof.

## A shut down of Federal Aviation Administration operations would harm our business.

Any failure of Congress to appropriate funds for FAA operations that results in any shut down of FAA operations or furloughing of FAA employees could result in delays in the required FAA certification of our avionics products and in the production, sale and registration of aircraft that use our avionics products. Such delays could have a material adverse effect on our business and financial results.

## Many of our products rely on the Global Positioning System.

The Global Positioning System (GPS) is a satellite-based navigation and positioning system consisting of a constellation of orbiting satellites. The satellites and their ground control and monitoring stations are maintained and operated by the United States Department of Defense. The Department of Defense does not currently charge users for access to the satellite signals. These satellites and their ground support systems are complex electronic systems subject to electronic and mechanical failures and possible sabotage. The satellites were originally designed to have lives of 7.5 years and are subject to damage by the hostile space environment in which they operate. However, of the current deployment of satellites in place, some have been operating for more than 20 years.

To repair damaged or malfunctioning satellites is currently not economically feasible. If a significant number of satellites were to become inoperable, there could be a substantial delay before they are replaced with new satellites. A reduction in the number of operating satellites may impair the current utility of the GPS system and the growth of current and additional market opportunities. GPS satellites and ground control segments are being modernized. GPS modernization software updates can cause problems. We depend on public access to open technical specifications in advance of GPS updates.

GPS is operated by the U.S. Government, which is committed to maintenance and improvement of GPS; however if the policy were to change, and GPS were no longer supported by the U.S. Government, or if user fees were imposed, it could have a material adverse effect on our business, results of operations, and financial condition.

Some of our products also use signals from Satellite Based Augmentation Systems (SBAS) that augment GPS, such as the U.S. Wide Area Augmentation System (WAAS), Japanese MTSAT-based Satellite Augmentation System (MSAS), and European Geostationary Navigation Overlay Service (EGNOS). Any curtailment of SBAS operating capability could result in decreased user capability for many of our aviation products, thereby impacting our markets.

Any of the foregoing factors could affect the willingness of buyers of our products to select Global Positioning System-based products instead of products based on competing technologies.

## Our business is subject to disruptions and uncertainties caused by geopolitical instability, war or terrorism.

Acts of war or acts of terrorism, especially any directed at the GPS signals, could have a material adverse impact on our business, operating results, and financial condition. The threat of terrorism and war and heightened security and military response to this threat, or any future acts of terrorism, may cause a redeployment of the satellites used in GPS or interruptions of the system. To the extent that such interruptions have an effect on sales of our products, this could have a material adverse effect on our business, results of operations, and financial condition.

A shut down of airspace or imposition of restrictions on general aviation would harm our business. The shutdown of airspace could cause reduced sales of our general aviation products and delays in the shipment of our products manufactured in our Taiwan manufacturing facilities to our global distribution facilities, thereby adversely affecting our ability to supply new and existing products to our dealers and distributors.

Any reallocation or repurposing of radio frequency spectrum could cause harmful interference with the reception of Global Positioning System signals. This interference could harm our business.

Our Global Positioning System technology is dependent on the use of the Standard Positioning Service (SPS) provided by the U.S. Government's Global Positioning System satellites. The Global Positioning System operates in radio frequency bands that are globally allocated for radio navigation satellite services. International allocations of radio frequency are made by the International Telecommunications Union (ITU), a specialized technical agency of the United Nations. These allocations are further governed by radio regulations that have treaty status and which may be subject to modification every two to three years by the World Radio Communication Conference. Each country also has regulatory authority on how each band is used. In the United States, the Federal Communications Commission (FCC) and the National Telecommunications and Information Administration (NTIA) share responsibility for radio frequency allocations and spectrum usage regulations.

Any ITU or national reallocation of radio frequency spectrum, including frequency band segmentation or sharing of spectrum, or other modifications of the permitted uses of relevant frequency bands, may materially and adversely affect the utility and reliability of our products and have significant negative impacts on our business and our customers.

## We may be exposed to certain regulatory and financial risks related to climate change.

Climate change is receiving increasing attention worldwide. Some scientists, legislators and others attribute global warming to increased levels of greenhouse gases, including carbon dioxide, which has led to significant legislative and regulatory efforts to limit greenhouse gas emissions.

Various regulatory and legislative measures to address greenhouse gas emissions are in different phases of implementation or discussion. In the aftermath of its 2009 "endangerment finding" that greenhouse gas emissions pose a threat to human health and welfare, the Environmental Protection Agency has begun to regulate greenhouse gas emissions under the authority granted to it under the Clean Air Act. At the federal legislative level, Congressional passage of legislation adopting some form of federal mandatory greenhouse gas emission reduction, such as a nationwide cap-and-trade program, does not appear likely at this time, although it could be adopted at a future date. It is also possible that Congress may pass alternative climate change bills that do not mandate a nationwide cap-and-trade program and instead focus on promoting renewable energy and energy efficiency, which could increase the cost of doing business.

Because it is uncertain what laws and regulations will be enacted, we cannot predict the potential impact of such laws and regulations on our future consolidated financial condition, results of operations or cash flows.

## Risks Relating to Our Shares

## The volatility of our stock price could adversely affect investment in our common shares.

The market price of our common shares has been, and may continue to be, highly volatile. During 2015, the closing price of our common shares ranged from a low of $\$ 32.28$ to a high of $\$ 56.81$. A variety of factors could cause the price of our common shares to fluctuate, perhaps substantially, including:
new products or product enhancements by us or our competitors; general conditions in the worldwide economy, including fluctuations in interest rates and global currency exchange rates;
announcements of technological innovations;
product obsolescence and our ability to manage product transitions;
developments in our relationships with our customers and suppliers;
the availability, pricing and timeliness of delivery of components, such as flash memory and liquid crystal displays, used in our products;
quarterly fluctuations in our actual or anticipated operating results;
changes in applicable tax laws and tax rates;
developments in patents or other intellectual property rights and litigation;
announcements and rumors of developments related to our business, our competitors, our suppliers or the markets in which we compete;
research reports or opinions issued by securities analysts or brokerage houses related to Garmin, our competitors, our suppliers or our customers;
any significant acts of terrorism against the United States, Taiwan or significant markets where we sell our products; and
other factors as discussed in the previously listed risks.

In addition, in recent years the stock market in general and the markets for shares of technology companies in particular, have experienced extreme price fluctuations which have often been unrelated to the operating performance of affected companies. Any such fluctuations in the future could adversely affect the market price of our common shares.

Our officers and directors exert substantial influence over us.

As of January 25, 2016, current members and former members of our Board of Directors and our executive officers, together with members of their families and entities that may be deemed affiliates of or related to such persons or entities, beneficially owned approximately $41.1 \%$ of our outstanding common shares. Accordingly, these shareholders may be able to determine the outcome of corporate actions requiring shareholder approval, such as mergers and acquisitions and shareholder proposals. This level of ownership may have a significant effect in delaying, deferring or preventing a change in control of Garmin and may adversely affect the voting and other rights of other holders of our common shares.

## The rights of our shareholders are governed by Swiss law.

The rights of our shareholders are governed by Swiss law and Garmin Ltd.'s articles of association. The rights of shareholders under Swiss law differ from the rights of shareholders of companies incorporated in other jurisdictions. For example, Swiss law allows our shareholders acting at a shareholders' meeting to authorize share capital that can be issued by the board of directors without approval of a shareholders' meeting, but this authorization is limited to $50 \%$ of the existing registered share capital and must be renewed at a shareholders' meeting at least every two years for it to continue to be available. Additionally, subject to specified exceptions, including the exceptions described in our articles of association, Swiss law grants preemptive rights to existing shareholders to subscribe for new issuances of shares and other securities. Swiss law also does not provide as much flexibility in the various terms that can attach to different classes of shares as the laws of some other jurisdictions. Swiss law also reserves for approval by shareholders certain corporate actions over which a board of directors would have authority in some other jurisdictions. For example, Swiss law provides that dividends and other distributions must be approved by shareholders at the general meeting of shareholders. These Swiss law requirements relating to our capital management may limit our flexibility, and situations may arise where greater flexibility would have provided substantial benefits to our shareholders.

## The Company has limited capital reserves from which to make distributions or repurchase shares without subjecting you to Swiss withholding tax.

If we are unable to make distributions, if any, through a reduction of par value or to pay dividends, if any, out of qualifying capital contribution reserves, then any dividends paid by us will generally be subject to a Swiss federal withholding tax at a rate of $35 \%$. Over the long term, the amount of par value and qualifying capital contribution reserves available for us to use for par value reductions or dividends will be limited. The withholding tax must be withheld from the gross distribution and paid to the Swiss Federal Tax Administration. A U.S. holder that qualifies for benefits under the Convention between the United States of America and the Swiss Confederation for the Avoidance of Double Taxation with Respect to Taxes on Income may apply for a refund of the tax withheld in excess of the 15\% treaty rate (or in excess of the 5\% reduced treaty rate for qualifying corporate shareholders with at least $10 \%$ participation in our voting stock, or for a full refund in case of qualified pension funds). However, there can be no assurance that our shareholders will approve a reduction in par value or a dividend out of qualifying capital contribution reserves, that we will be able to meet the other legal requirements for a reduction in par value, or that Swiss withholding rules will not be changed in the future or that a change in Swiss law will not adversely affect us or our shareholders, in particular as a result of distributions out of qualifying capital contribution reserves becoming subject to additional corporate law or other restrictions. If we are unable to make a distribution through a reduction in par value or to pay a dividend out of qualifying capital contribution reserves, we may not be able to make distributions without subjecting you to Swiss withholding taxes

Under current Swiss tax law, repurchases of shares for the purposes of capital reduction are treated as a partial liquidation subject to $35 \%$ Swiss withholding tax on the difference between the par value and the repurchase price. However, the portion of the repurchase price that is attributed to qualifying capital contribution reserves of the shares
repurchased will not be subject to the Swiss withholding tax. Therefore, repurchase of our own shares further limits the amount of qualifying capital reserves available for distributions to shareholders free of Swiss withholding taxes. No partial liquidation treatment applies and no withholding tax is triggered if the shares are not repurchased for cancellation but held by us as treasury shares to the extent sufficient qualifying capital reserves are available. However, should we not resell such treasury shares within six years and there is not sufficient qualifying capital contribution reserves, the withholding tax becomes due at the end of the six year period.

We may follow a share repurchase process for future share repurchases, if any, similar to a "second trading line" on the SIX Swiss Exchange in which Swiss institutional investors buy shares on the open market and sell these shares to us and are generally able to receive a refund of the Swiss withholding tax. However, if we are unable to use this process successfully, we may not be able to repurchase shares for the purposes of capital reduction without subjecting you to Swiss withholding taxes if and to the extent that the repurchase of shares is made out of retained earnings or other taxable reserves. No withholding tax would be applicable if and to the extent that qualifying capital contribution reserves are attributable to the share repurchase.

## We have certain limitations on our ability to repurchase and hold our own shares.

Under Swiss law we have certain limitations on our ability to repurchase and hold our own shares. We and our subsidiaries may only repurchase and hold our own shares to the extent that sufficient freely distributable reserves (including contributed surplus as determined for Swiss tax and statutory purposes) are available. The aggregate par value of our registered shares held by us and our subsidiaries may not exceed $10 \%$ of our registered share capital. We may repurchase our registered shares beyond the statutory limit of $10 \%$, however, if our share-holders have adopted a resolution at a general meeting of shareholders authorizing the board of directors to repurchase registered shares in an amount in excess of $10 \%$ and the repurchased shares are dedicated for cancellation. Our ability to repurchase and hold our own shares is a significant component of our capital management and shareholder return practices that we believe is important to our shareholders, and any restriction on our ability to repurchase our shares could make our stock less attractive to investors.

As mentioned previously, we do not believe that we, or any of our United States or non-United States subsidiaries, are currently a Controlled Foreign Corporation (CFC) for United States federal income tax purposes. However, the repurchase of the Company's shares reduces the number of shares outstanding which is the basis for determining the ownership percentages for determination of whether the United States shareholders own more than fifty percent of the voting power or value of the Company. Only United States persons that own ten percent or more of the voting power of the Company's shares qualify as United States shareholders. We may be limited in the number of shares we repurchase due to United States shareholders holding percentages.

## Item 1B. Unresolved Staff Comments

None.

## Item 2. Properties

The following are the principal properties owned or leased by the Company and its subsidiaries:

Garmin International, Inc. and Garmin USA, Inc. occupy facilities of approximately 1,215,400 square feet on approximately 59 acres in Olathe, Kansas, where the majority of product design and development work is conducted, the majority of aviation panel-mount products are manufactured and products are warehoused, distributed, and supported for North, Central and South America. Garmin's subsidiary, Garmin Realty, LLC also owns an additional 34
acres of land on the Olathe site for future expansion. In connection with the bond financings for the facility in Olathe and the previous expansion of that facility, the City of Olathe holds the legal title to the Olathe facility which is leased to Garmin's subsidiaries by the City. Upon the payment in full of the outstanding bonds, the City of Olathe is obligated to transfer title to Garmin's subsidiaries for the aggregate sum of $\$ 200$. Garmin International, Inc. has purchased all the outstanding bonds and continues to hold the bonds until maturity in order to benefit from property tax abatement.

Garmin Corporation owns and occupies a 249,326 square foot facility in Xizhi Dist., New Taipei City, Taiwan, a 223,469 square foot facility in Jhongli, Tao-Yang County, Taiwan, and an approximately 580,000 square foot facility in LinKou, Tao-Yang County, Taiwan. In these three facilities, Garmin Corporation manufactures all of Garmin's consumer and portable aviation products and warehouses, markets and supports products for the Pacific Rim countries. Garmin China Yangzhou Co., Ltd. leases an approximately 86,000 square foot manufacturing facility in Yangzhou, Jiangsu, People's Republic of China.

Garmin AT, Inc. leases approximately 18 acres of land in Salem, Oregon under a ground lease. This ground lease expires in 2030, but Garmin AT, Inc. has the option to extend the ground lease until 2050. Garmin AT, Inc. owns and occupies a 115,000 square foot facility for office, development and manufacturing use and a 33,000 square foot aircraft hangar, flight test and certification facility on this land. Garmin AT, Inc. also owns and occupies an additional 66,000 square foot facility on the same property for Garmin's West Coast customer support call center and for research and development activities.

Garmin International, Inc. owns and occupies an approximate 60,000 square foot facility in Chandler, Arizona, used as office space. Garmin International, Inc. leases 148,320 square feet of land at New Century Airport in Gardner, Kansas under a ground lease which expires in 2026. Garmin International, Inc. owns and occupies a 47,254 square foot aircraft hangar, flight test and certification facility on this land which is used in development and certification of aviation products. Garmin International, Inc. owns a leasehold interest in an additional 52,794 square foot aircraft hangar, flight test and certification facility at New Century Airport in Gardner which is also used in development and certification of aviation products.

Garmin Würzburg GmbH leases 43,290 square feet in Würzburg, Germany for office and research and development activities. Garmin Cluj S.R.L. leases 27,800 square feet in Cluj, Romania for research and development activities.

Various Garmin subsidiaries lease an additional: (i) 48,625 square feet of office space in Olathe, Kansas for a call center operation; and (ii) approximately 33,000 square feet of office space in Tucson, Arizona, used as offices and for research and development.

Garmin (Europe) Ltd. owns and occupies a 155,000 square foot building located in Totton, Southampton, England, used as offices and a distribution facility.

## Item 3. Legal Proceedings

ICON Health \& Fitness, Inc. v. Garmin Ltd., Garmin International, Inc., and Garmin USA, Inc.

On November 18, 2011, ICON Health \& Fitness, Inc. filed suit in the United States District Court for the District of Utah against Garmin Ltd., Garmin International, Inc., and Garmin USA, Inc. (collectively "Garmin"), alleging infringement of U.S. Patent Nos. 7,789,800 (the '800 patent") and 6,701,271 ("the '271 patent"). On June 8, 2012, ICON filed an amended complaint alleging infringement of U.S. Patent Nos. 6,626,799 and 6,921,351. On June 25, 2012, Garmin filed its answer asserting that each asserted claim of these additional patents-in-suit is invalid and/or not infringed. On April 11, 2013, the Court dismissed ICON's allegations of infringement of the ' 800 and ' 271 patents against Garmin without prejudice pursuant to a motion filed by ICON. On September 29, 2015, the court awarded summary judgment in favor of Garmin finding (a) that the ' 351 patent had been held to be invalid for indefiniteness by another federal district court and the doctrine of issue preclusion applied to prevent ICON from relitigating this issue, and (b) that the ' 799 patent is invalid because it covers unpatentable subject matter. On November 18, 2015, ICON appealed the Court's summary judgment ruling of invalidity of the ' 351 patent. ICON did not appeal the Court's invalidity finding on the ' 799 patent. Although there can be no assurance that an unfavorable outcome of this litigation would not have a material adverse effect on our operating results, liquidity or financial position, Garmin believes that the claims in this lawsuit are without merit and intends to vigorously defend this action.

In the Matter of Certain Marine Sonar Imaging Systems, Products Containing the Same and Components Thereof

On July 18, 2014, Johnson Outdoors Inc. and Johnson Outdoors Marine Electronics Inc. filed a complaint with the United States International Trade Commission ("ITC") against Garmin International, Inc., Garmin North America, Inc.,

Garmin USA, Inc. and Garmin Corporation (collectively "Garmin") alleging a violation of Section 337 of the Tariff Act of 1930, as amended, through alleged infringement by Garmin of U.S. Patents 7,652,952 ("the '952 patent"); 7,710,825 ("the ' 825 patent"); and 7,755,974 ("the ' 974 patent"). On August 15, 2014 the ITC instituted an investigation pursuant to the complaint. Garmin believes that each asserted claim of the ' 952 patent, the ' 825 patent, and the ' 974 patent is invalid and/or not infringed and, in addition, that the ' 952 , ' 825 , and ' 974 patents are unenforceable under the doctrine of inequitable conduct and that Johnson Outdoors' claims are barred in whole or in part by the doctrines of prosecution history estoppel and/or prosecution disclaimer. A trial hearing before the Administrative Law Judge was held on April 7 through April 10, 2015. On November 18, 2015 the ITC issued a Final Determination finding that the asserted claims of the ' 952 , ' 825 , and ' 974 patents are valid and enforceable but that there is no infringement by Garmin of any of the asserted claims of the ' 952 and ' 825 patents and that there is no infringement by Garmin of claim 25 of the ' 974 patent. The ITC found that there is infringement by Garmin of claims 14, 18, 21-23 and 33 of the ' 974 patent and issued a limited exclusion order prohibiting the import into the U.S. of infringing products and a cease and desist order prohibiting certain domestic activities relating to the infringing products. On January 16, 2016, Johnson Outdoors filed a petition for review of the ITC's Final Determination in the U.S. Court of Appeals for the Federal Circuit (the "Federal Circuit"). On February 2, 2016, Garmin moved to intervene in Johnson Outdoors' appeal. That motion was granted on February 4, 2016. On February 10, 2016, Garmin filed its petition for review of the abovementioned Final Determination with the Federal Circuit. Garmin is seeking review of all issues appealable in the case. Although there can be no assurance that an unfavorable outcome of this litigation would not have a material adverse effect on our operating results, liquidity or financial position, Garmin believes that the claims in this lawsuit are without merit.

## Edgar Filing: GARMIN LTD - Form 10-K

In the Matter of Certain Marine Sonar Imaging Devices, Including Downscan and Sidescan Devices, Products Containing the Same, and Components Thereof


#### Abstract

On June 9, 2014 Navico Inc. and Navico Holding AS filed a complaint with the United States International Trade Commission ("ITC") against Garmin International, Inc., Garmin North America, Inc., Garmin USA, Inc. and Garmin (Asia) Corporation (collectively "Garmin") alleging a violation of Section 337 of the Tariff Act of 1930, as amended, through alleged infringement by Garmin of U.S. Patents 8,300,499 ("the '499 patent"); 8,305,840 ("the '840 patent"); and 8,605,550 ("the ' 550 patent"). On July 9, 2014 the ITC instituted an investigation pursuant to the complaint. Garmin believes that each asserted claim of the ' 499 patent, the ' 840 patent, and the ' 550 patent is invalid and/or not infringed. A trial hearing before the Administrative Law Judge was held on March 18 through March 24, 2015. The Administrative Law Judge issued his initial determination on July 2, 2015 finding that the asserted claims of the ' 840 , ' 499 and ' 550 patents are valid but that there is no infringement by Garmin of the ' 840 patent, the ' 499 patent or the ' 550 patent. On December 1, 2015 the ITC issued a Final Determination finding that most of the asserted claims of the ' 840 , ' 499 and ' 550 patents are valid and that there is no infringement by Garmin of the ' 499 patent but that there is infringement by Garmin of the ' 840 and ' 550 patents. The ITC held that claims $1,7,12,13$, and 57 of the ' 550 patent were invalid as obvious. The ITC issued a limited exclusion order prohibiting the import into the U.S. of infringing products and a cease and desist order prohibiting certain domestic activities relating to the infringing products. On January 27, 2016, Navico filed a petition for review of the ITC's Final Determination in the U.S. Court of Appeals for the Federal Circuit (the "Federal Circuit"). On February 10, 2016, Garmin filed with the Federal Circuit: (i) a motion to intervene in Navico's appeal, and (ii) a petition for review of the abovementioned Final Determination. Garmin is seeking review of all issues appealable in the case, including the portions of the Final Determination finding infringement of the ' 840 and ' 550 patents. Although there can be no assurance that an unfavorable outcome of this litigation would not have a material adverse effect on our operating results, liquidity or financial position, Garmin believes that the claims in this lawsuit are without merit


Johnson Outdoors Inc. and Johnson Outdoors Marine Electronics, Inc. v. Garmin International, Inc., Garmin North America, Inc. and Garmin USA, Inc.

On July 17, 2014, Johnson Outdoors Inc. and Johnson Outdoors Marine Electronics Inc. filed suit in the United States District Court for the Middle District of Alabama, Northern Division, against Garmin International, Inc., Garmin North America, Inc. and Garmin USA, Inc. (collectively, "Garmin ") alleging infringement of U.S. Patents 7,652,952 ("the '952 patent"); 7,710,825 ("the ' 825 patent"); and 7,755,974 ("the ' 974 patent"). On August 15, 2014, Garmin filed an answer. On October 17, 2014, Garmin filed an amended answer. In its amended answer Garmin asserts that each asserted claim of the ' 952 patent, the ' 825 patent and the ' 974 patent is invalid and/or not infringed and, in addition, that the ' 952 , ' 825 , and ' 974 patents are unenforceable under the doctrine of inequitable conduct, and that Johnson Outdoors' claims are barred in whole or in part by the doctrines of prosecution history estoppel and/or prosecution disclaimer and Garmin seeks treble damages against Johnson Outdoors for antitrust violations under Section 2 of the Sherman Act, 15 U.S.C. § 2. On May 12, 2015, pursuant to an agreement between the parties, the court entered an order staying this lawsuit until there is a final decision in the ITC investigation described above under In the Matter of Certain Marine Sonar Imaging Systems, Products Containing the Same and Components Thereof including any Federal Circuit appeals but not including any Supreme Court petitions or appeals. Although there can be no assurance
that an unfavorable outcome of this litigation would not have a material adverse effect on our operating results, liquidity or financial position, Garmin believes that the claims in this lawsuit are without merit and intends to vigorously defend this action.

Andrea Katz, on behalf of herself and all others similarly situated, v. Garmin Ltd. and Garmin International, Inc.

On December 18, 2013, a purported class action lawsuit was filed against Garmin International, Inc. and Garmin Ltd. in the U.S. District Court for the Northern District of Illinois. The lead plaintiff was Andrea Katz, on behalf of herself and all others similarly situated. The class of plaintiffs that Andrea Katz purported to represent includes all individuals who purchased any model of Forerunner watch in the State of Illinois and the United States. Plaintiff asserted claims for breach of contract, breach of express warranty, breach of implied warranties, negligence, negligent misrepresentation, and violations of Illinois statutory law. Plaintiff alleged that Forerunner watch bands have an unacceptable rate of failure in that they detach from the watch. Plaintiff sought compensatory and punitive damages, prejudgment interest, costs, and attorneys' fees, and injunctive relief. On January 29, 2014 the court dismissed the lawsuit without prejudice. On January 30, 2014, the plaintiff re-filed the lawsuit with the same claims for relief as the earlier action and adding an additional claim for unjust enrichment. On February 4, 2014, the court ordered the case to be transferred to the United States District Court for the District of Utah. The plaintiff voluntarily dismissed the case filed in Illinois and, on March 6, 2014, she refiled the lawsuit in the District Court for the District of Utah with the same claims, but with additional claims for violations of the Utah Consumers Sales Practice Act, Lanham Act, and Utah Truth in Advertising Act. The relief she requested is the same. On March 31, 2014, Garmin filed a motion to transfer the venue of the Utah action back to the Northern District of Illinois. On October 21, 2014, the United States District Court for the District of Utah denied Garmin's motion to transfer venue. On December 26, 2014, Garmin filed a motion to dismiss certain counts of the complaint. On April 16, 2015 the court granted Garmin's motion in part and dismissed with prejudice (i) Mr. Katz's (but not Mrs. Katz's) claim for breach of the implied warranty of merchantability, (ii) the plaintiffs' Lanham Act claim, (iii) the plaintiffs' negligence claim and (iv) the plaintiffs' negligent misrepresentation claim. No class has been certified at this time. Although there can be no assurance that an unfavorable outcome of this litigation would not have a material adverse effect on our operating results, liquidity or financial position, Garmin believes that the claims in this lawsuit are without merit and intends to vigorously defend this action.

Brian Meyers, on behalf of himself and all others similarly situated, v. Garmin International, Inc. Garmin USA, Inc. and Garmin Ltd.

On August 13, 2013, Brian Meyers filed a putative class action complaint against Garmin International, Inc., Garmin USA, Inc. and Garmin Ltd. in the United States District Court for the District of Kansas. Meyers alleges that lithium-ion batteries in certain Garmin products are defective and alleges violations of the Kansas Consumer Protection Act, breach of an implied warranty of merchantability, breach of contract, unjust enrichment, breach of express warranty and also requests declaratory relief that the batteries are defective and must be covered by Garmin's warranties. The complaint seeks an order for class certification, a declaration that the batteries are defective, an order of injunctive relief, payment of damages in an unspecified amount on behalf of a putative class of all purchasers of certain Garmin products, and an award of attorneys' fees. On September 18, 2013 the plaintiff voluntarily dismissed Garmin Ltd. as a defendant without prejudice. On October 18, 2013 the plaintiff filed an amended class action complaint. On November 1, 2013 the remaining Garmin defendants filed a motion to dismiss all counts of the complaint for failure to state a claim on which relief can be granted. On January 24, 2014, the Court granted the motion to dismiss in part and denied it in part, dismissing the count for declaratory relief and the prayer for
a declaration that the batteries are defective, but allowing the case to proceed on other substantive counts. On March 17,2015 , the plaintiff filed a motion for leave to file a second amended complaint, and plaintiff filed his second amended complaint that same day. On April 7, 2015, Garmin filed an opposition to plaintiff's motion for leave to file a second amended complaint. On April 28, 2015 the court granted plaintiff's motion for leave to file a second amended complaint. On May 11, 2015 the plaintiff filed a motion for class certification. On July 10, 2015 Garmin filed its opposition to the motion for class certification. On September 11, 2015, the plaintiff filed a reply to Garmin's opposition to the motion for class certification. On September 24, 2015, Garmin filed a motion for leave to file a surreply. No class has been certified at this time, and Garmin believes that its defenses to Plaintiff's motion for class certification are meritorious and that no class will be certified. On November 24, 2015 Garmin filed a motion for summary judgment. On December 15, 2015 the plaintiff filed his opposition to Garmin's summary judgment motion and on December 30, 2015 Garmin filed its reply in support of its motion for summary judgment. Although there can be no assurance that an unfavorable outcome of this litigation would not have a material adverse effect on our operating results, liquidity or financial position, Garmin believes that the claims in this lawsuit are without merit and intends to vigorously defend this action.

Navico Inc. And Navico Holding AS v. Garmin International, Inc. and Garmin USA, Inc.

On June 4, 2014 Navico Inc. and Navico Holding AS filed suit in the United States District Court for the Northern District of Oklahoma against Garmin International, Inc. and Garmin USA, Inc. alleging infringement of U.S. Patents 8,300,499 ("the '499 patent"); 8,305,840 ("the '840 patent"); and 8,605,550 ("the '550 patent"). On October 21, 2014, Garmin filed its answer asserting that each asserted claim of the ' 499 , ‘ 840 , and '550 patents is invalid and/or not infringed. On September 30, 2015, the court held a hearing on claim construction and the parties await the court's claim construction order. On December 4, 2015 Garmin filed a motion for summary judgment of invalidity on the basis that the asserted claims of the' 840 and ' 550 patents are invalid for failure to comply with the definiteness requirements of 35 U.S.S. $\S 112$ and that the asserted claims of ' 840 and '550 patents are also invalid for failure to comply with the written description requirement of 35 U.S.C. $\S 112$ and for summary judgment of non-infringement on the basis that there is no infringement by Garmin of the asserted claims of the ' 499 patent. Garmin also filed a motion for summary judgment of non-infringement of all asserted patents for its second generation DownVu sonar design. On December 4, 2015 Navico filed a motion for partial summary judgment of infringement on the basis that Garmin infringes certain claims of the ' 840 and '550 patents, and for summary judgment of validity on the basis that the asserted claims of the ' 840 patent are not anticipated by certain prior art references and that the asserted claims of the ' 840 and '550 patents include an adequate written description. On January 15, 2016 the court issued an order staying this lawsuit pending the final determination of any appeal filed with the U.S. Court of Appeals for the Federal Circuit concerning the final determination of the United States International Trade Commission in In the Matter of Certain Marine Sonar Imaging Devices, Including Downscan and Sidescan Devices, Products Containing the Same, and Components Thereof. Although there can be no assurance that an unfavorable outcome of this litigation would not have a material adverse effect on our operating results, liquidity or financial position, Garmin believes that the claims in this lawsuit are without merit and intends to vigorously defend this lawsuit.

Pioneer Corporation v. Iiyonet Inc.

On October 2, 2014, Pioneer Corporation filed suit in the Tokyo District Court in Japan against Iiyonet Inc. alleging certain Garmin consumer products infringe Japanese Patent No. 3,442,138 (the ' 138 patent). Iiyonet Inc. is the Garmin distributor in Japan for its consumer products. Garmin intervened in this action on December 19, 2014, and has filed an answer asserting that the asserted claim of the ' 138 patent is invalid and/or not infringed. On February 25, 2015, Garmin filed a request for Trial of Invalidation for the ' 138 patent before the Japanese Patent Office. Preparatory oral arguments were held before the Tokyo District Court on March 9, 2015. A second round of preparatory oral arguments was held before the Tokyo District Court on May 21, 2015. The parties filed multiple rounds of preparatory documents with the Tokyo District Court between May 21, 2015, and November 30, 2015. On October 9, 2015, the Japanese Patent Office issued an Advanced Notice of Trial Decision finding that Pioneer's asserted claims are invalid as overbroad but not invalid due to novelty or inventive step. On December 8, 2015 the seventh round of oral arguments was held before the Tokyo District Court. The next round of oral arguments is scheduled for February 16, 2016. Although there can be no assurance that an unfavorable outcome of this litigation would not have a material adverse effect on our operating results, liquidity or financial position, Garmin believes that the claims in this lawsuit are without merit and intends to vigorously defend this action.

Visteon Global Technologies, Inc. and Visteon Technologies LLC v. Garmin International, Inc.

On February 10, 2010, Visteon Global Technologies, Inc. and Visteon Technologies LLC filed suit in the United States District Court for the Eastern District of Michigan, Southern Division, against Garmin International, Inc. alleging infringement of U.S. Patent No. 5,544,060 ("the ‘060 patent"), U.S. Patent No. 5,654,892 ("the '892 patent"), U.S. Patent No. 5,832,408 ("the '408 patent"), U.S. Patent No 5,987,375 ("the '375 patent") and U.S. Patent No 6,097,316 ("the ' 316 patent"). On May 17, 2010, Garmin filed its answer asserting that each claim of the ' 060 patent, the ' 892 patent, the ' 408 patent and the ' 375 patent is invalid and/or not infringed. On April 12, 2011, the special master appointed by the court held a claim construction hearing. On December 12, 2011, the court issued an order adopting the special master's report construing the claims of the patents-in-suit. On September 14, 2012, Garmin filed with the U.S. Patent and Trademark Office petitions for ex parte reexamination of the ' 408 patent and the ' 060 patent as being anticipated and obvious in view of the prior art. The U.S. Patent and Trademark Office subsequently granted Garmin's requests for $e x$ parte reexaminations and initially rejected all identified claims. On April 15, 2013, the U.S. Patent and Trademark Office issued a reexamination certificate confirming the patentability of the challenged claims of the ' 060 patent. On September 16, 2013, the U.S. Patent and Trademark Office issued a first reexamination certification canceling some of the challenged claims of the ' 408 patent and confirming the patentability of other claims. On November 30, 2012, Garmin filed motions for summary judgment of non-infringement and/or invalidity for the ' 892 , ' 316 , and ' 375 patents. Visteon filed its own motions for summary judgment of infringement of the '408 patent and validity, under section 112 , of the ' 375 and ' 060 patents. On February 4, 2013, the summary judgment motions were referred to the special master for consideration. On May 23, 2014 the special master held a hearing on the summary judgment motions. Prior to the hearing Visteon dropped its claim that Garmin infringes the ' 316 patent. On September 17, 2014, the special master issued a report recommending that Garmin's motion for summary judgment of non-infringement of the ' 375 patent be granted, Visteon's motion for summary judgment of validity under section 112 of the ' 375 and ' 060 patents be granted, and that all other motions for summary judgment be denied. On March 18, 2015, the court issued an order granting Garmin's motion for summary judgment of non-infringement of the ' 375 patent, denying Visteon's motion for summary judgment as to the '408 patent, rejecting the Special Master's recommendation to grant Visteon's motion for summary judgment as to the Garmin's Section 112 defenses and denying Visteon's motion for summary judgment as to Garmin's Section 112 defenses, denying Garmin's motion for summary judgment as to the ' 892 patent and dismissing as withdrawn Visteon's claim of infringement of the '316 patent, On November 21, 2014, Garmin filed a second request for ex parte reexamination of the ' 408 patent. On March 23, 2015, the U.S. Patent Office issued a non-final office action finding the challenged claims of the ' 408 patent to be invalid and/or obvious in view of the prior art. On August 18, 2015, the U.S. Patent Office issued a final rejection finding claim 6 to be invalid but finding claims $4-5$ to be patentable. On December 18, 2015, Visteon appealed the final rejection of claim 6. The court held a pretrial conference on September 28, 2015. At the pretrial conference, the court referred all pending motions to the special master for consideration. No trial date has yet been set nor has any date been set for the special master's review. Although there can be no assurance that an unfavorable outcome of this litigation would not have a material adverse effect on our operating results, liquidity or financial position, Garmin believes that the claims in this lawsuit are without merit and intends to vigorously defend this action.

In the normal course of business, the Company and its subsidiaries are parties to various legal claims, actions, and complaints, including matters involving patent infringement, other intellectual property, product liability, customer claims and various other risks. It is not possible to predict with certainty whether or not the Company and its subsidiaries will ultimately be successful in any of these legal matters, or if not, what the impact might be. However,
the Company's management does not expect that the results in any of these legal proceedings will have a material adverse effect on the Company's results of operations, financial position or cash flows.

The Company settled or resolved certain matters during the fiscal year ended December 26, 2015 that did not individually or in the aggregate have a material impact on the Company's financial condition or results of operations.

## Item 4. Mine Safety Disclosure

None.

## Executive Officers of the Registrant

Pursuant to General Instruction G(3) of Form 10-K and instruction 3 to paragraph (b) of Item 401 of Regulation S-K, the following list is included as an unnumbered Item in Part I of this Annual Report on Form 10-K in lieu of being included in the Company's Definitive Proxy Statement in connection with its annual meeting of shareholders scheduled for June 10, 2016.

Dr. Min H. Kao, age 67, has served as Executive Chairman of Garmin Ltd. since January 2013 and was previously Chairman of Garmin Ltd. from August 2004 to December 2012 and Co-Chairman of Garmin Ltd. from August 2000 to August 2004. He served as Chief Executive Officer of Garmin Ltd. from August 2002 to December 2012 and previously served as Co-Chief Executive Officer from August 2000 to August 2002. Dr. Kao served as a director and officer of various subsidiaries of the Company from August 1990 until January 2013. Dr. Kao holds Ph.D. and MS degrees in Electrical Engineering from the University of Tennessee and a BS degree in Electrical Engineering from National Taiwan University.

Clifton A. Pemble, age 50, has served as a director of Garmin Ltd. since August 2004. He has served as President and Chief Executive Officer of Garmin Ltd. since January 2013. Previously, he served as President and Chief Operating Officer of Garmin Ltd. from October 2007 to December 2012. Previously, he was Vice President, Engineering of Garmin International, Inc. from 2005 to October 2007, Director of Engineering of Garmin International, Inc. from 2003 to 2005, and Software Engineering Manager of Garmin International, Inc. from 1995 to 2002 and a Software Engineer with Garmin International, Inc. from 1989 to 1995. Mr. Pemble has served as a director and officer of various Garmin subsidiaries since August 2003. Mr. Pemble holds BA degrees in Mathematics and Computer Science from MidAmerica Nazarene University.

Douglas G. Boessen, age 53, has served as Chief Financial Officer and Treasurer of Garmin Ltd. since July 2014. He previously served as Chief Financial Officer of EiKO Global, LLC from September 2013 to May 2014, as well as Collective Brands, Inc. from November 1997 to November 2012. Mr. Boessen has served as a director and officer of various Garmin subsidiaries since July 2014. Mr. Boessen is a certified public accountant and holds a BS degree in Business from the University of Central Missouri and is a graduate of the executive development program at Northwestern University's Kellogg Graduate School of Management.

Andrew R. Etkind, age 60, has served as Vice President, General Counsel and Secretary of Garmin Ltd. since June 2009. He was previously General Counsel and Secretary of Garmin Ltd. from August 2000 to June 2009. He has been Vice President and General Counsel of Garmin International, Inc. since July 2007, General Counsel since February 1998, and Secretary since October 1998. Mr. Etkind has served as a director and officer of various Garmin subsidiaries since December 2001. Mr. Etkind holds BA, MA and LLM degrees from Cambridge University, England and a JD degree from the University of Michigan Law School.

All executive officers are elected by and serve at the discretion of the Company's Board of Directors. None of the executive officers have an employment agreement with the Company. There are no arrangements or understandings between the executive officers and any other person pursuant to which he or she was or is to be selected as an officer. There is no family relationship among any of the executive officers. Dr. Min H. Kao is the brother of Ruey-Jeng Kao, who is a supervisor of Garmin Corporation, Garmin's Taiwan subsidiary, who serves as an ex-officio member of Garmin Corporation's Board of Directors.

## PART II

## Item 5. Market for the Company's Common Shares, Related Shareholder Matters and Issuer Purchases of Equity Securities

Garmin's common shares have traded on the Nasdaq Stock Market LLC under the symbol "GRMN" since its initial public offering on December 8, 2000 (the "IPO"). As of January 25, 2016, there were 188 shareholders of record.

The high and low sales prices of Garmin's common shares as reported on the Nasdaq Stock Market for each fiscal quarter of fiscal years 2015 and 2014 was as follows:

|  | Year Ended <br>  <br>  <br>  <br>  <br> December 26, |  | December 27, 2014 |  |
| :--- | :--- | :--- | :--- | :--- |
|  | High | Low | High | Low |
| First Quarter | $\$ 56.81$ | $\$ 47.47$ | $\$ 56.02$ | $\$ 43.63$ |
| Second Quarter | $\$ 48.13$ | $\$ 44.21$ | $\$ 61.24$ | $\$ 54.24$ |
| Third Quarter | $\$ 46.40$ | $\$ 35.45$ | $\$ 61.69$ | $\$ 50.75$ |
| Fourth Quarter | $\$ 38.27$ | $\$ 32.28$ | $\$ 59.63$ | $\$ 49.35$ |

On June 5, 2015, the shareholders approved a dividend of $\$ 2.04$ per share out of Garmin's general reserves from capital contribution payable in four equal installments. The dates determined by the Board were as follows:

| Dividend Date | Record Date | \$s per share |  |
| :--- | :--- | :--- | :---: |
| June 30, 2015 | June 16, 2015 | $\$ 0.51$ |  |
| September 30, 2015 | September 15, 2015 | \$ |  |
| December 31, 2015 | December 15, 2015 | \$ |  |
| Darch |  |  |  |
| March 31, 2016 | March 15, 2016 | \$ |  |

The Company paid the 2015 dividends in accordance with the schedule above and expects to pay the March 31, 2016 dividend. In addition, Garmin currently expects to pay a quarterly cash dividend in the remaining three quarters of 2016. The decision of whether to pay a dividend and the amount of the dividend will be voted on by the Company's shareholders as required by Swiss law.

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On June 6, 2014, the shareholders approved a dividend of $\$ 1.92$ per share (of which $\$ 0.96$ was paid in the Company's 2014 fiscal year) payable in four equal installments on dates determined by the Board of Directors. The dates determined by the Board were as follows:

| Dividend Date | Record Date | \$s per share |
| :--- | :--- | :--- |
| June 30, 2014 | June 17, 2014 | $\$ 0.48$ |
| September 30, 2014 | September 15, 2014 | \$ 0.48 |
| December 31, 2014 | December 15, 2014 | \$ 0.48 |
| March 31, 2015 | March 16, 2015 | \$ 0.48 |

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The Board of Directors approved a share repurchase program on February 13, 2015, authorizing the Company to repurchase up to $\$ 300$ million of the Company's shares as market and business conditions warrant. The share repurchase authorization expires on December 31, 2016. See Footnote 11 for additional information regarding the share repurchase plan.

|  |  | Maximum Number of Shares (or <br> Approx. Dollar Value of Shares |  |
| :--- | :--- | :--- | :--- |
|  | Total \# of | Average Price | in Thousands) That May Yet Be |

The Board of Directors approved a share repurchase program on February 15, 2013, authorizing the Company to repurchase up to $\$ 300$ million of the Company's shares as market and business conditions warrant. The share repurchase authorization expired on December 31, 2014.

We refer you to Item 12 of this report under the caption "Equity Compensation Plan Information" for certain equity plan information required to be disclosed by Item 201(d) of Regulation S-K.

## Item 6. Selected Financial Data

The following table sets forth selected consolidated financial data of the Company. The selected consolidated balance sheet data as of December 26, 2015 and December 27, 2014 and the selected consolidated statement of income data for the years ended December 26, 2015, December 27, 2014, and December 28, 2013 were derived from the Company's audited consolidated financial statements and the related notes thereto which are included in Item 8 of this annual report on Form 10-K. The selected consolidated balance sheet data as of December 28, 2013, December 29, 2012, and December 31, 2011 and the selected consolidated statement of income data for the years ended December 29, 2012 and December 31, 2011 were derived from the Company's audited consolidated financial statements, not included herein.

The information set forth below is not necessarily indicative of the results of future operations and should be read together with "Management's Discussion and Analysis of Financial Condition and Results of Operations" and the consolidated financial statements and notes to those statements included in Items 7 and 8 in Part II of this Form 10-K.

|  | Years ended (1) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dec. 26, 2015 <br> (in thousand | Dec. 27, 2014 <br> s, except per | Dec. 28, 2013 <br> are data) | $\begin{aligned} & \text { Dec. 29, } \\ & 2012 \end{aligned}$ | Dec. 31, 2011 (2) |
| Consolidated Statements of Income |  |  |  |  |  |
| Data: |  |  |  |  |  |
| Net sales | \$2,820,270 | \$ 2,870,658 | \$ 2,631,851 | \$ 2,715,675 | \$ 2,758,569 |
| Cost of goods sold | 1,281,566 | 1,266,246 | 1,224,551 | 1,277,195 | 1,419,977 |
| Gross profit | 1,538,704 | 1,604,412 | 1,407,300 | 1,438,480 | 1,338,592 |
| Operating expenses: |  |  |  |  |  |
| Advertising expense | 167,166 | 146,633 | 112,905 | 138,757 | 145,024 |
| Selling, general and administrative | 394,914 | 372,032 | 355,440 | 369,790 | 341,217 |
| Research and development | 427,043 | 395,121 | 364,923 | 325,773 | 298,584 |
| Total operating expenses | 989,123 | 913,786 | 833,268 | 834,320 | 784,825 |
| Operating income | 549,581 | 690,626 | 574,032 | 604,160 | 553,767 |
| Other income, net (3)(4) | 17,606 | 33,119 | 79,526 | 20,368 | 30,394 |
| Income before income taxes | 567,187 | 723,745 | 653,558 | 624,528 | 584,161 |
| Income tax provision (5)(6) | 110,960 | 359,534 | 41,146 | 82,125 | 63,265 |
| Net income | \$456,227 | \$ 364,211 | \$ 612,412 | \$ 542,403 | \$ 520,896 |
| Net income per share: |  |  |  |  |  |
| Basic | \$2.39 | \$ 1.89 | \$ 3.13 | \$ 2.78 | \$ 2.68 |
| Diluted | \$2.39 | \$ 1.88 | \$ 3.12 | \$ 2.76 | \$ 2.67 |
| Weighted average common shares outstanding: |  |  |  |  |  |
| Basic | 190,631 | 193,106 | 195,411 | 194,909 | 194,105 |
| Diluted | 191,107 | 194,165 | 196,341 | 196,213 | 194,894 |
| Dividends declared per share | \$2.04 | \$ 1.92 | \$ 1.80 | \$ 1.80 | \$ 1.60 |
| Balance Sheet Data (at end of Period): |  |  |  |  |  |
| Cash and cash equivalents | \$833,070 | \$ 1,196,268 | \$ 1,179,149 | \$ 1,231,180 | \$ 1,287,160 |
| Marketable securities | 1,558,548 | 1,575,333 | 1,651,968 | 1,641,395 | 1,208,155 |
| Total assets | 4,499,391 | 4,693,303 | 4,879,603 | 4,819,124 | 4,471,338 |
| Total debt | - | - | - | - | - |
| Total stockholders' equity | 3,345,126 | 3,403,367 | 3,659,706 | 3,531,796 | 3,256,581 |

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Includes a change in estimate for per unit revenue and cost deferrals. The increase to net sales, gross profit, net income, basic net income per share and diluted net income per share was $\$ 77.8$ million, $\$ 66.5$ million, $\$ 59.3$ million, $\$ 0.31$, and $\$ 0.30$, respectively.
Other income, net mainly consists of gain and/or loss on sale of equity securities, interest income, interest expense, and foreign currency gain (loss)
(4) Includes $\$ 23.5$ million, $\$ 4.3$ million, $\$ 20.0$ million, $\$ 12.1$ million, foreign currency losses in 2015, 2014, 2012, and 4) 2011 respectively, and $\$ 35.5$ million foreign currency gain in 2013.

2014 - includes $\$ 72.9$ million material income tax reserve release due to expiration of certain statutes of limitations or completion of tax audits partially offset by Swiss withholding tax expense due to the release of reserves; 2013includes $\$ 68.7$ million material income tax reserve release due to expiration of certain statutes of limitations or completion of tax audits partially offset by Taiwan surtax expense due to the release of reserves
(6) $\begin{aligned} & \text { Includes a } \$ 307.6 \text { million income tax expense in } 2014 \text { associated with our inter-company restructuring. See Note } 6 \\ & \text { to thensolidated Financial Statements for further discussion. }\end{aligned}$

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

The following discussion and analysis of our financial condition and results of operations focuses on and is intended to clarify the results of our operations, certain changes in our financial position, liquidity, capital structure and business developments for the periods covered by the consolidated financial statements included in this Form 10-K. This discussion should be read in conjunction with, and is qualified by reference to, the other related information including, but not limited to, the audited consolidated financial statements (including the notes thereto), the description of our business, all as set forth in this Form 10-K, as well as the risk factors discussed above in Item 1A.

As previously noted, the discussion set forth below, as well as other portions of this Form 10-K, contain statements concerning potential future events. Readers can identify these forward-looking statements by their use of such verbs as "expects," "anticipates," "believes" or similar verbs or conjugations of such verbs. If any of our assumptions on which the statements are based prove incorrect or should unanticipated circumstances arise, our actual results could materially differ from those anticipated by such forward-looking statements. The differences could be caused by a number of factors or combination of factors including, but not limited to, those discussed above in Item 1A. Readers are strongly encouraged to consider those factors when evaluating any such forward-looking statement. We do not undertake to update any forward-looking statements in this Form 10-K.

Garmin's fiscal year is a 52-53 week period ending on the last Saturday of the calendar year. Fiscal years 2015, 2014 and 2013 contained 52 weeks. Unless otherwise stated, all years and dates refer to the Company's fiscal year and fiscal periods. Unless the context otherwise requires, references in this document to "we," "us," "our" and similar terms refer to Garmin Ltd. and its subsidiaries.

Unless otherwise indicated, dollar amounts set forth in the tables are in thousands, except per share data.

## Overview

We are a leading worldwide provider of navigation, communications and information devices, most of which are enabled by Global Positioning System, or GPS, technology. We operate in five business segments, which serve the marine, outdoor, fitness, auto, and aviation markets. Our segments offer products through our network of subsidiary distributors and independent dealers and distributors. However, the nature of products and types of customers for the five segments can vary significantly. As such, the segments are managed separately.

Since our first products were delivered in 1991, we have generated positive income from operations each year and have funded our growth from these profits.

## Critical Accounting Policies and Estimates

## General

Garmin's discussion and analysis of its financial condition and results of operations are based upon Garmin's consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The presentation of these financial statements requires Garmin to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosure of contingent assets and liabilities. On an on-going basis, Garmin evaluates its estimates, including those related to customer sales programs and incentives, product returns, bad debts, inventories, investments, intangible assets, income taxes, warranty obligations, and contingencies and litigation. Garmin bases its estimates on historical experience and on various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions.

For information on each of the following critical accounting policies and/or estimates, refer to the discussion in the Notes to the Consolidated Financial Statements as indicated in the table below:

Revenue Recognition Note 2 - Summary of Significant Accounting Policies<br>Trade Accounts<br>Receivable<br>Loan Receivable<br>Warranties<br>Note 2 - Summary of Significant Accounting Policies<br>Inventory<br>Investments<br>Income Taxes<br>Note 2 - Summary of Significant Accounting Policies<br>Note 2 - Summary of Significant Accounting Policies<br>Note 2 - Summary of Significant Accounting Policies<br>Note 2 - Summary of Significant Accounting Policies \& Note 3 - Marketable Securities<br>Note 2 - Summary of Significant Accounting Policies \& Note 6 - Income Taxes<br>Note 2 - Summary of Significant Accounting Policies \& Note 9 - Stock Compensation Plans

## Accounting Terms and Characteristics

## Net Sales

Our net sales are primarily generated through sales to our retail partners, dealer and distributor network and to original equipment manufacturers. Refer to the Revenue Recognition discussion in Note 2 to the Consolidated Financial Statements. Our sales are largely of a consumer nature; therefore, backlog levels are not necessarily indicative of our future sales results. We aim to achieve a quick turnaround on orders we receive, and we typically ship most orders within 72 hours.

Net sales are subject to seasonal fluctuation. Typically, sales of our consumer products are highest in the second quarter, due to increased demand during the spring and summer season, and in the fourth quarter, due to increased demand during the holiday buying season. Our aviation products do not experience much seasonal variation, but are more influenced by the timing of aircraft certifications and the release of new products when the initial demand is typically the strongest.

## Cost of Sales/Gross Profit

Raw material costs are our most significant component of cost of goods sold. Our existing practice of performing the design and manufacture of our products in-house has enabled us to source components from different suppliers and,
where possible, to redesign our products to leverage lower cost components. We believe that our flexible production model allows our Xizhi, Jhongli, and LinKou manufacturing plants in Taiwan; Yangzhou, China; and our Olathe, Kansas, and Salem, Oregon manufacturing plants in the U.S. to experience relatively low costs of manufacturing. In general, products manufactured in Taiwan have been our highest volume products. Our manufacturing labor costs historically have been lower in Taiwan than in Olathe and Salem. The Yangzhou, China facility was opened in 2015.

Sales price variability has had and can be expected to have an effect on our gross profit. In the past, prices of our devices sold into the auto market have declined due to market pressures and introduction of new products sold at lower price points. In recent years, pricing has stabilized in auto allowing for relatively stable gross margins excluding the impact of deferred revenues and costs. The average selling prices of our aviation, outdoor, fitness, and marine products have historically been stable due to product mix and the introduction of more advanced products sold at higher prices. In 2014 and 2015, fitness pricing declined due to high volumes of lower-priced activity trackers. The effect of the sales price differences inherent within the mix of products sold could have a significant impact on our gross profit.

## Advertising Expense

Our advertising expenses consist of costs for media advertising, cooperative advertising with our retail partners, point of sale displays, and sponsorships.

## Selling, General and Administrative Expenses

Our selling, general and administrative expenses consist primarily of:

- salaries for sales, marketing and product support personnel;
-salaries and related costs for executives and administrative personnel; -marketing, and other brand building costs;
- accounting and legal costs;
- information systems and infrastructure costs;
-travel and related costs; and
- occupancy and other overhead costs.


## Research and Development

The majority of our research and development costs represent salaries for our engineers, costs for high technology components and costs of test equipment used in product and prototype development.

We are committed to increasing the level of innovative design and development of new products as we strive for expanded ability to serve our existing consumer and aviation markets as well as new markets for active lifestyle products.

## Income Taxes

We have experienced a relatively low effective corporate tax rate due to the proportion of our revenue generated by entities in tax jurisdictions with low statutory rates. In particular, the profit entitlement afforded our Swiss-based companies based on their intellectual property rights ownership of our consumer products along with tax incentives offered by the Taiwanese government on certain high-technology capital investments have contributed to our relatively low effective corporate tax rate.

## Results of Operations

The following table sets forth our results of operations as a percentage of net sales during the periods shown (the table may not foot due to rounding):

|  | Fiscal Years Ended |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Dec. } \\ & 26, \\ & 2015 \end{aligned}$ | Dec. 27, |  | Dec. 28, |  |
| Net sales | 100\% | 100 | \% | 100 | \% |
| Cost of goods sold |  | 44 | \% | 47 | \% |
| Gross profit | 55 \% | 56 | \% | 53 | \% |
| Operating expenses: |  |  |  |  |  |
| Advertising | 6 \% | 5 | \% | 4 | \% |
| Selling, general and administrative | 14 \% | 13 | \% | 14 | \% |
| Research and development | 15 \% | 14 | \% | 14 | \% |
| Total operating expenses | $35 \%$ | 32 | \% | 32 | \% |
| Operating income | 19 \% | 24 | \% | 22 | \% |
| Other income, net | 1 \% | 1 | \% | 3 | \% |
| Income before income taxes | 20 \% | 25 | \% | 25 | \% |
| Provision for income taxes | 4 \% | 13 | \% | 2 | \% |
| Net income | 16 \% | 13 | \% | 23 | \% |

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The following table sets forth our results of operations through operating income for each of our five segments during the period shown. For each line item in the table the total of the segments' amounts equals the amount in the consolidated statements of income data included in Item 6.

| Fiscal year ended December 26, 2015 | Outdoor | Fitness | Marine | Auto | Aviation |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net sales | \$425,150 | \$661,599 | \$286,778 | \$ 1,048,125 | \$398,618 |
| Cost of goods sold | 165,261 | 295,460 | 128,285 | 588,656 | 103,904 |
| Gross profit | 259,889 | 366,139 | 158,493 | 459,469 | 294,714 |
| Advertising expense | 24,655 | 79,737 | 16,106 | 40,710 | 5,958 |
| Selling, general and administrative expenses | 58,013 | 97,809 | 60,834 | 153,270 | 24,988 |
| Research and development expense | 37,021 | 54,019 | 52,942 | 130,550 | 152,511 |
| Total operating expenses | 119,689 | 231,565 | 129,882 | 324,530 | 183,457 |
| Operating income | \$ 140,200 | \$134,574 | \$28,611 | \$ 134,939 | \$ 111,257 |
| Fiscal year ended December 27, 2014 | Outdoor | Fitness | Marine | Auto | Aviation |
| Net sales | \$427,555 | \$568,440 | \$248,371 | \$ 1,240,377 | \$385,915 |
| Cost of goods sold | 161,005 | 210,153 | 118,661 | 670,925 | 105,502 |
| Gross profit | 266,550 | 358,287 | 129,710 | 569,452 | 280,413 |
| Advertising expense | 28,650 | 52,606 | 12,353 | 46,245 | 6,779 |
| Selling, general and administrative expenses | 57,098 | 75,747 | 42,975 | 172,754 | 23,458 |
| Research and development expense | 29,747 | 39,252 | 48,150 | 134,774 | 143,198 |
| Total operating expenses | 115,495 | 167,605 | 103,478 | 353,773 | 173,435 |
| Operating income | \$ 151,055 | \$ 190,682 | \$26,232 | \$215,679 | \$ 106,978 |
| Fiscal year ended December 28, 2013 | Outdoor | Fitness | Marine | Auto | Aviation |
| Net sales | \$410,989 | \$356,283 | \$222,928 | \$1,302,314 | \$339,337 |
| Cost of goods sold | 148,460 | 133,358 | 107,837 | 737,231 | 97,665 |
| Gross profit | 262,529 | 222,925 | 115,091 | 565,083 | 241,672 |
| Advertising expense | 19,805 | 24,153 | 11,435 | 52,478 | 5,034 |
| Selling, general and administrative expenses | 59,058 | 50,765 | 38,578 | 187,449 | 19,590 |
| Research and development expense | 24,469 | 27,757 | 46,585 | 136,639 | 129,473 |
| Total operating expenses | 103,332 | 102,675 | 96,598 | 376,566 | 154,097 |
| Operating income | \$159,197 | \$ 120,250 | \$ 18,493 | \$ 188,517 | \$87,575 |

# Comparison of 52-Weeks Ended December 26, 2015 and December 27, 2014 

## Net Sales

|  | 52-weeks ended Dec 26, 2015 |  |  | 52-weeks ended Dec 27, 2014 |  |  | Year over Year |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Net Sales | \% of R |  | Net Sales | \% of R |  | \$ Change | \% Ch |  |
| Outdoor | \$ 425,150 | 15 | \% | \$ 427,555 | 15 | \% | \$(2,405 ) | -1 | \% |
| Fitness | 661,599 | 24 | \% | 568,440 | 20 | \% | 93,159 | 16 | \% |
| Marine | 286,778 | 10 | \% | 248,371 | 9 | \% | 38,407 | 15 | \% |
| Auto | 1,048,125 | 37 | \% | 1,240,377 | 43 | \% | $(192,252)$ | -15 | \% |
| Aviation | 398,618 | 14 | \% | 385,915 | 13 | \% | 12,703 | 3 | \% |
| Total | \$ 2,820,270 | 100 | \% | \$ 2,870,658 | 100 | \% | \$(50,388 ) | -2 | \% |

Net sales decreased $2 \%$ in 2015 when compared to the year-ago period. All segments, excluding aviation, were impacted by revenues denominated in currencies that have weakened against the U.S. Dollar. In total, it is estimated that the strong U.S. Dollar reduced revenues by approximately $\$ 189$ million, which represents $6 \%$ of revenue. Auto revenue remains the largest portion of our revenue mix at $37 \%$ in the fiscal year 2015 compared to $43 \%$ in the fiscal year 2014.

Total unit sales increased $7 \%$ to 16.2 million units in 2015 from 15.1 million units in 2014. The increase in unit sales volume was attributable to fitness and marine volumes partially offset by declines in each of the other segments.

Auto segment revenue decreased $15 \%$ from the year-ago period, as both the contribution of amortization of previously deferred revenue declined when compared to 2014 and volumes declined. Fitness revenues increased $16 \%$ on the strength of our wearables portfolio. Aviation revenues increased $3 \%$ from the year-ago period as market share gains were partially offset by industry weakness. Outdoor revenues decreased $1 \%$ from the year-ago period due to geographic exposure to weak currencies and maturing product categories largely offset by the strength of outdoor wearables. Revenues in our marine segment increased $15 \%$ as the release of new marine products drove strong revenue growth.

The Company anticipates revenue of approximately $\$ 2.82$ billion in 2016 driven by growth in the outdoor, fitness, aviation and marine segments offset by ongoing declines in the auto segment. In general, management believes that continuous innovation and the introduction of new products are essential for future revenue growth.

## Cost of Goods Sold

|  | 52-weeks ended Dec 26, 2015 |  | 52-weeks ended Dec 27, 2014 |  |  | Year over Year |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cost of Goods | \% of <br> Revenues |  | Cost of Goods | \% of <br> Revenues |  | \$ Change | \% Ch |  |
| Outdoor | \$ 165,261 | 39 | \% \$ | \$ 161,005 | 38 | \% | \$4,256 | 3 | \% |
| Fitness | 295,460 | 45 | \% | 210,153 | 37 | \% | 85,307 | 41 | \% |
| Marine | 128,285 | 45 | \% | 118,661 | 48 | \% | 9,624 | 8 | \% |
| Auto | 588,656 | 56 | \% | 670,925 | 54 | \% | $(82,269)$ | -12 | \% |
| Aviation | 103,904 | 26 | \% | 105,502 | 27 | \% | (1,598) | -2 | \% |
| Total | \$ 1,281,566 | 45 | \% \$ | \$ 1,266,246 | 44 | \% | \$15,320 | 1 | \% |

Cost of goods sold increased $1 \%$ in absolute dollars for fiscal year 2015 when compared to fiscal year 2014. Cost of goods as a percentage of revenue increased in part due to a stronger U.S. Dollar that created downward pressure on revenue in all segments excluding aviation as discussed above.

In the auto segment, the cost of goods decline was largely consistent with the segment revenue decline. In the fitness segment, the cost of goods increase outpaced revenue growth due to product mix and competitive pricing dynamics. The cost of goods increases in marine are due to increased sales of higher margin products. Aviation cost of goods was lower due to product mix.

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Management believes that cost of goods sold as a percentage of sales will be relatively consistent in 2016.

## Gross Profit



Gross profit dollars in fiscal year 2015 decreased $4 \%$ while gross profit margin decreased 130 basis points compared to fiscal year 2014 with all segments declining, excluding marine and aviation. Segment specific gross margin drivers are discussed above.

Management believes that total company gross margins will be relatively consistent in 2016.

## Advertising Expenses



Advertising expense increased $14 \%$ in absolute dollars while increasing 80 basis points as a percent of revenues. The increase in absolute dollars occurred in fitness and marine to support new product introductions with increased media

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spend, point of sale presence at key retailers and cooperative advertising. This was partially offset by decreased spending in auto due to reduced cooperative advertising associated with lower volumes and in outdoor due to fewer new product categories.

Management expects advertising expense in absolute dollars and as a percentage of sales to be relatively flat in 2016.

Selling, General and Administrative Expenses

|  | 52-weeks ended Dec 26, 2015 |  |  |  | 52-weeks ended Dec 27, 2014 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Selling, General \& |  |  |  | Selling, General \& |  |  | Year over Year |  |  |  |
|  |  | dmin. Expenses | \% of R |  |  | dmin. Expenses | \% of R |  | \$ Change | \% Ch |  |
| Outdoor | \$ | 58,013 | 14 | \% | \$ | 57,098 | 13 | \% | \$915 | 2 | \% |
| Fitness |  | 97,809 | 15 | \% |  | 75,747 | 13 | \% | 22,062 | 29 | \% |
| Marine |  | 60,834 | 21 | \% |  | 42,975 | 17 | \% | 17,859 | 42 | \% |
| Auto |  | 153,270 | 15 | \% |  | 172,754 | 14 | \% | $(19,484)$ | -11 | \% |
| Aviation |  | 24,988 | 6 | \% |  | 23,458 | 6 | \% | 1,530 | 7 | \% |
| Total | \$ | 394,914 | 14 | \% | \$ | 372,032 | 13 | \% | \$22,882 | 6 | \% |

Selling, general and administrative expense increased $6 \%$ in absolute dollars and 100 basis points as a percent of revenues compared to fiscal year 2014. The absolute dollar increase is primarily related to litigation related costs, information technology costs and product support. Variances by segment are primarily due to the allocation of certain selling, general and administrative expenses based on percentage of total revenues. Marine expense growth exceeded other segments due to specific litigation matters.

Management expects selling, general and administrative expenses to increase in absolute dollars and as a percentage of sales in 2016 due primarily to acquisitions.

## Research and Development Expense

|  | 52-weeks ende | 6, 2015 |  | 52-weeks end | 7, 2014 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Research \& |  |  | Research \& |  |  | Year over | Year |  |
|  | Development | \% of Re |  | Development | \% of R |  | \$ Change | \% Ch |  |
| Outdoor | \$ 37,021 | 9 | \% \$ | \$ 29,747 | 7 | \% | \$ 7,274 | 24 | \% |
| Fitness | 54,019 | 8 | \% | 39,252 | 7 | \% | 14,767 | 38 | \% |
| Marine | 52,942 | 18 | \% | 48,150 | 19 | \% | 4,792 | 10 | \% |
| Auto | 130,550 | 12 |  | 134,774 | 11 | \% | (4,224 ) | -3 | \% |
| Aviation | 152,511 | 38 | \% | 143,198 | 37 | \% | 9,313 | 7 | \% |
| Total | \$ 427,043 | 15 | \% \$ | \$ 395,121 | 14 | \% | \$ 31,922 | 8 | \% |

Research and development expense increased $8 \%$ due to ongoing development activities for new products and additional engineering personnel throughout fiscal year 2015. In absolute dollars, research and development costs increased $\$ 31.9$ million when compared with fiscal year 2014 and increased 140 basis points as a percent of revenue. Our research and development spending is focused on product development, improving existing software capabilities, and exploring new categories.

Management believes that one of the key strategic initiatives for future growth and success of Garmin is continuous innovation, development, and introduction of new products. Management expects that its research and development expenses will increase during fiscal 2016 on an absolute dollar basis and as a percent of revenue in order to deliver innovative new products and technologies.

## Operating Income

|  | 52-weeks ended Dec 26, 2015 |  |  | 52-weeks ended Dec 27, 2014 |  |  | Year over Year |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Operating Income | \% of Re |  | Operating Income | \% of R |  | \$ Change | \% Ch |  |
| Outdoor | \$ 140,200 | 33 | \% | \$ 151,055 | 35 | \% | \$(10,855 ) | -7 | \% |
| Fitness | 134,574 | 20 | \% | 190,682 | 34 | \% | (56,108) | -29 | \% |
| Marine | 28,611 | 10 | \% | 26,232 | 11 | \% | 2,379 | 9 | \% |
| Auto | 134,939 | 13 | \% | 215,679 | 17 | \% | (80,740 ) | -37 | \% |
| Aviation | 111,257 | 28 | \% | 106,978 | 28 | \% | 4,279 | 4 | \% |
| Total | \$ 549,581 | 19 | \% \$ | \$ 690,626 | 24 | \% | \$ $(141,045)$ | -20 | \% |

As a result of the above, operating income decreased $20 \%$ in absolute dollars and 460 basis points as a percent of revenue when compared to the fiscal year 2014. Declining gross margin percentages and increases in all operating expenses as a percentage of revenue, as discussed above, contributed to the decline.

## Other Income (Expense)

|  | 52-weeks ended | 52-weeks ended |  |
| :--- | :--- | :--- | :--- |
|  | December 26, 2015 | December 27, 2014 |  |
| Interest Income | $\$ 29,653$ | $\$ 35,584$ |  |
| Foreign Currency gains (losses) | $(23,465$ | $)$ | $(4,299$ |
| Other | 11,418 |  | 1,834 |
| Total | $\$ 17,606$ | $\$$ | 33,119 |

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The average return on cash and investments during the fiscal years of 2015 and 2014 were $1.2 \%$ and $1.3 \%$, respectively. The decrease in interest income is attributable to decreasing cash and investment balances and a slight decrease in the interest rates.

Foreign currency gains and losses for the Company are primarily tied to movements by the Taiwan Dollar, the Euro, and the British Pound Sterling in relation to the U.S. Dollar. The Taiwan Dollar is the functional currency of Garmin Corporation. The U.S. Dollar remains the functional currency of Garmin (Europe) Ltd. The Euro is the functional currency of most European subsidiaries. As these entities have grown, currency fluctuations can generate material gains and losses. The majority of the Company's consolidated foreign currency gain or loss results from the significant cash and marketable securities, receivables and payables held in a currency other than the functional currency at one of the Company's subsidiaries. Additionally, Euro-based inter-company transactions can also generate currency gains and losses. Due to the relative size of the entities using a functional currency other than the Taiwan Dollar, the Euro and the British Pound Sterling, currency fluctuations related to these entities are not expected to have a material impact on the Company's financial statements.

The majority of the $\$ 23.5$ million currency loss in the fiscal year 2015 was due to the strengthening of the U.S. Dollar compared to the Euro. The strengthening of the U.S. Dollar compared to the Taiwan Dollar contributed an offsetting gain. The movements of the Taiwan Dollar and Euro have offsetting impacts when the currencies move congruently against the U.S. Dollar due to the use of the Taiwan Dollar for manufacturing costs and cash held in non-functional currency while the Euro transactions relate primarily to revenue. During fiscal year 2015, the U.S. Dollar strengthened $10.0 \%$ compared to the Euro resulting in a net loss of $\$ 31.2$ million. This was largely offset as the U.S. Dollar strengthened $3.8 \%$ compared to the Taiwan Dollar resulting in a gain of $\$ 19.5$ million. The remaining net currency loss of $\$ 11.8$ million is related to other currencies and timing of transactions.

The majority of the $\$ 4.3$ million currency loss in the fiscal year 2014 was due to the strengthening of the U.S. Dollar compared to the Euro and the British Pound Sterling. The strengthening of the U.S. Dollar compared to the Taiwan Dollar contributed an offsetting gain. During fiscal year 2014, the U.S. Dollar strengthened $11.4 \%$ compared to the Euro and $5.5 \%$ compared to the British Pound Sterling resulting in a net loss of $\$ 43.7$ million. This was more than offset as the U.S. Dollar strengthened $5.5 \%$ compared to the Taiwan Dollar resulting in a gain of $\$ 44.8$ million. The remaining net currency loss of $\$ 5.4$ million is related to other currencies and timing of transactions.

During fiscal year 2015, Garmin recorded other income of $\$ 11.4$ million. This income was primarily due to a legal settlement received during the year and a gain on the disposal of property.

## Income Tax Provision

Our income tax expense decreased by $\$ 248.6$ million, to $\$ 111.0$ million for the fiscal year 2015, from $\$ 359.5$ million for the fiscal year 2014. Contributing to the significant decrease was:
tax expense of $\$ 307.6$ million in 2014 associated with the inter-company restructuring discussed below,

Partially offset by:
release of uncertain tax position reserves due to expiration of certain statutes of limitations or completion of tax audits of $\$ 7.3$ million in fiscal year 2015 compared to releases of $\$ 83.9$ million in fiscal year 2014.

In addition, the full year income mix by tax jurisdiction for 2015 compared to 2014 is unfavorable resulting in an increased effective tax rate.

In the third quarter of 2014, the Company initiated an inter-company restructuring that realigned our corporate entity structure. This change in corporate structure provides access to historical earnings that were previously permanently reinvested and allows us to efficiently repatriate future earnings. As a result of the change in corporate structure, Garmin recorded tax expense of $\$ 307.6$ million. The first and second cash tax payments of $\$ 78.1$ million and $\$ 182.8$ million associated with the restructuring were made in the third quarter of 2014 and the second quarter of 2015, respectively. The remainder of the accrued tax will be paid incrementally as the cash is repatriated.

The Company expects the effective income tax rate to be approximately $20.5 \%$ in 2016.

## Net Income

As a result of the various factors noted above, net income increased $25 \%$ to $\$ 456.2$ million for the fiscal year 2015 compared to $\$ 364.2$ million for the fiscal year 2014.

## Comparison of 52-Weeks Ended December 27, 2014 and December 28, 2013

## Net Sales

|  | 52-weeks ended Dec 27, 2014 |  | 52-weeks ended Dec 28, 2013 |  |  | Year over Year |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Net Sales | \% of <br> Revenues |  | Net Sales | \% of Revenues |  | \$ Change | \% C |  |
| Outdoor | \$ 427,555 | 15 | \% | \$ 410,989 | 16 | \% | \$ 16,566 | 4 | \% |
| Fitness | 568,440 | 20 | \% | 356,283 | 14 | \% | 212,157 | 60 | \% |
| Marine | 248,371 | 9 | \% | 222,928 | 8 | \% | 25,443 | 11 | \% |
| Automotive/Mobile | 1,240,377 | 43 | \% | 1,302,314 | 49 | \% | (61,937) | -5 | \% |
| Aviation | 385,915 | 13 | \% | 339,337 | 13 | \% | 46,578 | 14 | \% |
| Total | \$ 2,870,658 | 100 | \% | \$ 2,631,851 | 100 | \% | \$238,807 | ) | \% |

Net sales increased $9 \%$ in 2014 when compared to the year-ago period. All segments, excluding auto, grew in the fiscal year 2014. Auto revenue remains the largest portion of our revenue mix at $43 \%$ in the fiscal year 2014 compared to $49 \%$ in the fiscal year 2013.

Total unit sales increased $9 \%$ to 15.1 million units in 2014 from 13.9 million units in 2013. The increase in unit sales volume was attributable to growth in all segments except auto which had volume decline due to penetration rates and competing technologies.

Auto segment revenue decreased 5\% from fiscal year 2013, as a $10 \%$ volume decline and slight average selling price (ASP) decline, were partially offset by amortization of previously deferred revenue exceeding current period revenue deferrals and increased auto OEM contributions. Revenues in our fitness segment increased $60 \%$ from fiscal year

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2013 on the strength of wellness products first introduced in 2014, and recent biking and running product introductions. Aviation revenues increased $14 \%$ from fiscal year 2013 as both OEM market share gains and aftermarket strength contributed to growth. Outdoor revenues increased 4\% from fiscal year 2013 primarily due to strong sales of fēnix 2 and our lineup of dog tracking and training products, offset by declining sales of our handheld products which serve a mature industry. Revenues in our marine segment increased $11 \%$ due to both the recent acquisition of Fusion Electronics as well as new product introductions. This growth was partially offset by a competitive pricing environment in the global marine electronics industry.

## Cost of Goods Sold

|  | 52-weeks ended Dec 27, 2014 |  | 52-weeks ended Dec 28, 2013 |  |  | Year over Year |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cost of Goods | \% of <br> Revenues |  | Cost of Goods | \% of <br> Revenues |  | \$ Change | \% Ch |  |
| Outdoor | \$ 161,005 | 38 | \% | \$ 148,460 | 36 | \% | \$ 12,545 | 8 | \% |
| Fitness | 210,153 | 37 | \% | 133,358 | 37 | \% | 76,795 | 58 | \% |
| Marine | 118,661 | 48 | \% | 107,837 | 48 | \% | 10,824 | 10 | \% |
| Automotive/Mobile | 670,925 | 54 | \% | 737,231 | 57 | \% | $(66,306)$ | -9 | \% |
| Aviation | 105,502 | 27 | \% | 97,665 | 29 | \% | 7,837 | 8 | \% |
| Total | \$ 1,266,246 | 44 | \% \$ | \$ 1,224,551 | 47 | \% | \$41,695 | 3 | \% |

Cost of goods sold increased $3 \%$ in absolute dollars for fiscal year 2014 when compared to fiscal year 2013. The increase was driven by growth in all segments excluding auto. Fitness and marine cost of goods increased in-line with sales growth as described above with gross margins stable year-over-year. Outdoor cost of goods increased due to sales growth with gross margin contraction driven by product mix.

As a percentage of revenue, cost of goods sold decreased 240 basis points from fiscal year 2013 with improvement or stability in each segment, excluding outdoor as mentioned above. The auto cost of goods improvement as a percent of revenues was primarily due to benefit from the amortization of previously deferred revenue and costs exceeding new deferrals on current period sales in 2014. Aviation margin improvement was primarily due to increased contribution of software sales which carry a higher margin.

## Gross Profit

|  | 52-weeks ended Dec 27, 2014 |  | 52-weeks ended Dec 28, 2013 |  |  | Year over Year |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross Profit | $\% \text { of }$ <br> Revenues |  | Gross Profit | $\% \text { of }$ <br> Revenues |  | \$ Change | \% <br> Change |  |
| Outdoor | \$ 266,550 | 62 | \% | \$ 262,529 | 64 | \% | \$4,021 | 2 | \% |
| Fitness | 358,287 | 63 | \% | 222,925 | 63 | \% | 135,362 | 61 | \% |
| Marine | 129,710 | 52 | \% | 115,091 | 52 | \% | 14,619 | 13 | \% |
| Automotive/Mobile | 569,452 | 46 | \% | 565,083 | 43 | \% | 4,369 | 1 | \% |
| Aviation | 280,413 | 73 | \% | 241,672 | 71 | \% | 38,741 | 16 | \% |
| Total | \$ 1,604,412 | 56 | \% | \$ 1,407,300 | 53 | \% | \$197,112 | 14 | \% |

Gross profit dollars in fiscal year 2014 increased $14 \%$ while gross profit margin increased 240 basis points compared to fiscal year 2013 with all segments stable or improving, excluding outdoor. The auto, fitness, marine and aviation segments recorded improved gross margins, as discussed above. Outdoor gross profit margins declined, as discussed above.

## Advertising Expenses

|  | 52-weeks ended Dec 27, 2014 Advertising |  | 52-weeks ended Dec 28, 2013 <br> Advertising |  |  | Year over Year |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Expense | $\%$ of |  | Expense | \% of |  | \$ | \% |  |
|  | Expense | Revenues |  |  | Revenues |  | Change | Change |  |
| Outdoor | \$ 28,650 | 7 | \% | \$ 19,805 | 5 | \% | \$8,845 | 45 | \% |
| Fitness | 52,606 | 9 | \% | 24,153 | 7 | \% | 28,453 | 118 | \% |
| Marine | 12,353 | 5 | \% | 11,435 | 5 | \% | 918 | 8 | \% |
| Automotive/Mobile | 46,245 | 4 | \% | 52,478 | 4 | \% | $(6,233)$ | -12 | \% |
| Aviation | 6,779 | 2 | \% | 5,034 | 1 | \% | 1,745 | 35 | \% |
| Total | \$ 146,633 | 5 | \% | \$ 112,905 | 4 | \% | \$33,728 | 30 | \% |

Advertising expense increased $30 \%$ in absolute dollars while increasing 80 basis points as a percent of revenues. The increase in absolute dollars occurred primarily in outdoor and fitness to support new product introductions and was partially offset by decreased spending in auto due to reduced cooperative advertising associated with lower volumes. Aviation advertising increased materially due to increased cooperative advertising efforts with our dealers.

## Selling, General and Administrative Expenses

|  | 52-weeks ended Dec 27, 2014 <br> Selling, General <br>  |  | 52-weeks ended Dec 28, 2013 <br>  |  |  | Year over Year |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Admin. Expenses | \% of <br> Revenues |  | Admin. Expenses | \% of <br> Revenues |  | \$ Change | \% <br> Change |  |
| Outdoor | \$ 57,098 | 13 | \% \$ | \$ 59,058 | 14 | \% | \$ (1,960 ) | -3 | \% |
| Fitness | 75,747 | 13 | \% | 50,765 | 14 | \% | 24,982 | 49 | \% |
| Marine | 42,975 | 17 |  | 38,578 | 17 | \% | 4,397 | 11 | \% |
| Automotive/Mobile | 172,754 | 14 |  | 187,449 | 14 | \% | (14,695 ) | -8 | \% |
| Aviation | 23,458 | 6 | \% | 19,590 | 6 | \% | 3,868 | 20 | \% |
| Total | \$ 372,032 | 13 | \% \$ | \$ 355,440 | 14 | \% | \$ 16,592 | 5 | \% |

Selling, general and administrative expense increased 5\% in absolute dollars and declined 50 basis points as a percent of revenues compared to fiscal year 2013. The absolute dollar increase is primarily related to product support, information technology costs and legal costs specific to marine litigation. The aviation increase was primarily driven by product support costs. Other variances by segment, excluding aviation, are primarily due to the allocation of certain selling, general and administrative expenses based on percentage of total revenues.

## Research and Development Expense

|  | 52-weeks ended Dec 27, 2014Research \& |  | 52-weeks ended Dec 28, 2013Research \& |  |  | Year over Year |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | \% of |  | Development | \% of |  | \$ Change | \% |  |
|  | Development | Revenues |  | Development | Revenues |  | \$ Change | Change |  |
| Outdoor | \$ 29,747 | 7 | \% \$ | \$ 24,469 | 6 | \% | \$ 5,278 | 22 | \% |
| Fitness | 39,252 | 7 | \% | 27,757 | 8 | \% | 11,495 | 41 | \% |
| Marine | 48,150 | 19 | \% | 46,585 | 21 | \% | 1,565 | 3 | \% |
| Automotive/Mobile | 134,774 | 11 | \% | 136,639 | 10 | \% | (1,865 ) | -1 | \% |
| Aviation | 143,198 | 37 | \% | 129,473 | 38 | \% | 13,725 | 11 | \% |
| Total | \$ 395,121 | 14 | \% \$ | \$ 364,923 | 14 | \% | \$30,198 | 8 | \% |

Research and development expense increased $8 \%$ due to ongoing development activities for new products and the addition of over 200 new engineering personnel to our staff since the fiscal year 2013. In absolute dollars, research and development costs increased $\$ 30.2$ million when compared with fiscal year 2013 and decreased 10 basis points as a percent of revenue. Fitness, outdoor and aviation increased to support new product initiatives. Auto investment declined due to efforts to allocate research and development spending to areas with the highest growth potential.

## Operating Income

|  | 52-weeks ended Dec 27, 2014 |  | 52-weeks ended Dec 28, 2013 |  |  | Year over Year |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Operating | \% of |  | Operating | \% of |  | \$ |  |  |  |
|  | Income | Revenues |  | Income | Revenues |  | \$ Change |  | Change |  |
| Outdoor | \$ 151,055 | 35 | \% | \$ 159,197 | 39 | \% | \$(8,142 | ) | -5 | \% |
| Fitness | 190,682 | 34 | \% | 120,250 | 34 | \% | 70,432 |  | 59 | \% |
| Marine | 26,232 | 11 | \% | 18,493 | 8 | \% | 7,739 |  | 42 | \% |
| Automotive/Mobile | 215,679 | 17 | \% | 188,517 | 14 | \% | 27,162 |  | 14 | \% |
| Aviation | 106,978 | 28 | \% | 87,575 | 26 | \% | 19,403 |  | 22 | \% |
| Total | \$ 690,626 | 24 | \% | \$ 574,032 | 22 | \% | \$ 116,594 |  | 20 | \% |

As a result of the above, operating income increased $20 \%$ in absolute dollars and 220 basis points as a percent of revenue when compared to the fiscal year 2013. Revenue growth and an improving gross margin percentage, as discussed above, contributed to the growth. By segment results are discussed above.

## Other Income (Expense)

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|  | 52-weeks ended | 52-weeks ended |
| :--- | :--- | :--- |
|  | December 27, 2014 | December 28, 2013 |
| Interest Income | $\$ 35,584$ | $\$ 35,271$ |
| Foreign Currency gains (losses) | $(4,299$ | $)$ |
| Other | 1,834 | 35,538 |
| Total | $\$ 33,119$ | $\$ 79,526$ |

The average return on cash and investments during the fiscal years of 2014 and 2013 were $1.3 \%$ and $1.4 \%$, respectively. The slight increase in interest income was offset by fewer capital gains on investments in 2014, which is recorded as Other income.

The majority of the $\$ 4.3$ million currency loss in the fiscal year 2014 was due to the strengthening of the U.S. Dollar compared to the Euro and the British Pound Sterling. The strengthening of the U.S. Dollar compared to the Taiwan Dollar contributed an offsetting gain. The movements of the Taiwan Dollar and Euro/British Pound Sterling have offsetting impacts when the currencies move congruently against the U.S. Dollar due to the use of the Taiwan Dollar for manufacturing costs and cash held in non-functional currency while the Euro and British Pound Sterling transactions relate primarily to revenue. During fiscal year 2014, the U.S. Dollar strengthened $11.4 \%$ compared to the Euro and $5.5 \%$ compared to the British Pound Sterling resulting in a net loss of $\$ 43.7$ million. This was more than offset as the U.S. Dollar strengthened $5.5 \%$ compared to the Taiwan Dollar resulting in a gain of $\$ 44.8$ million. The remaining net currency loss of $\$ 5.4$ million is related to other currencies and timing of transactions.

The majority of the $\$ 35.5$ million currency gain in 2013 was due to the strengthening of the U.S. Dollar compared to the Taiwan Dollar. The weakening of the U.S. Dollar compared to the Euro and British Pound Sterling contributed additional gains. During 2013, the U.S. Dollar weakened $4.1 \%$ and $2.2 \%$, respectively, relative to the Euro and British Pound Sterling resulting in a foreign currency gain of $\$ 7.5$ million in Garmin Ltd. and our European subsidiaries. The U.S. Dollar strengthened 3.3\% against the Taiwan Dollar resulting in a $\$ 30.2$ million foreign currency gain due to the fluctuation of asset balances throughout the year. The net result of these currency moves combined with other losses of $\$ 2.1$ million, and the timing of transactions during the year was a net gain of $\$ 35.5$ million for the Company.

## Income Tax Provision

Our income tax expense increased by $\$ 318.4$ million, to $\$ 359.5$ million for the fiscal year 2014, from $\$ 41.1$ million for the fiscal year 2013. Contributing to the significant increase were:
tax expense of $\$ 307.6$ million associated with the inter-company restructuring discussed above, expiration of certain Taiwan tax holidays and research and development tax credits of $\$ 6.3$ million related to 2012 which were recognized when the related legislation was enacted in January 2013.

Partially offset by favorable impacts including:
release of uncertain tax position reserves due to expiration of certain statutes of limitations or completion of tax audits of $\$ 83.9$ million in fiscal year 2014 compared to releases of $\$ 79.9$ million in fiscal year 2013.

## Net Income

As a result of the various factors noted above, net income decreased $41 \%$ to $\$ 364.2$ million for the fiscal year 2014 compared to $\$ 612.4$ million for fiscal year 2013.

## Liquidity and Capital Resources

## Operating Activities

|  | Fiscal Year Ended |  |  |
| :--- | :--- | :--- | :--- |
|  | Dec 26, | Dec 27, | Dec 28, |
| (In thousands) | 2015 | 2014 | 2013 |
| Net cash provided by operating activities | $\$ 280,467$ | $\$ 522,711$ | $\$ 630,084$ |

The $\$ 242.2$ million decrease in cash provided by operating activities in fiscal year 2015 compared to fiscal year 2014 was primarily due to the following:
the impact of income tax payable providing $\$ 247.0$ million less cash due primarily to the timing of disbursements related to the inter-company restructuring
other current and noncurrent assets providing $\$ 108.0$ million less cash primarily due to prepayments of royalties and timing of payments for insurance

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the impact of deferred income taxes providing $\$ 83.9$ million less cash primarily due to the timing of withholding taxes paid and inventories and related provisions for obsolete and slow moving inventories providing $\$ 47.9$ million less cash primarily due to additional safety stock of specific raw materials and continued growth in products offered

Partially offset by:
net income increasing $\$ 92.0$ million, as discussed in the Results of Operations section above accounts receivable providing $\$ 49.9$ million more cash primarily due to the impact of lower revenues and associated decline in receivables
the impact of increasing unrealized foreign currency losses providing $\$ 37.4$ million less cash due to the impact of foreign currency rate fluctuations as discussed in the Results of Operations section above deferred revenue/costs providing $\$ 32.6 \mathrm{M}$ more working capital benefit due to the decreased amortization of previously deferred revenue/cost as discussed in the Results of Operations section above and accounts payable providing $\$ 27.1$ million more cash primarily due to the timing of payments

The $\$ 107.4$ million decrease in cash provided by operating activities in fiscal year 2014 compared to fiscal year 2013 was primarily due to the following:
net income decreasing by $\$ 248.2$ million, including the $\$ 307.6$ million tax expense related to the inter-company restructuring, as discussed in the Results of Operations section above
accounts receivable providing $\$ 66.0$ million less cash primarily due to the increasing sales in fourth quarter 2014 and timing of collections
deferred revenue/costs providing $\$ 58.2$ million less working capital benefit due to the increased amortization of previously deferred revenue/cost as discussed in the Results of Operations section above and inventories, net providing $\$ 53.9$ million less cash primarily due to new product categories and increasing product demand partially offset by increased reserves for obsolete and slow moving inventories

Partially offset by:
income taxes payable providing $\$ 130.2$ million more cash due to the timing of disbursements primarily related to the -inter-company restructuring offset by the release of uncertain tax position reserves due to expiration of certain statutes of limitations or completion of tax audits
the impact of deferred income taxes providing $\$ 81.9$ million more cash due primarily to timing of disbursements -partially related to the inter-company restructuring in addition to the reclassification of withholding taxes from current taxes payable.
other current and non-current liabilities providing $\$ 48.2$ million more cash due to timing of payments related to royalties and advertising

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the impact of increasing unrealized foreign currency losses providing $\$ 40.7$ million more cash due primarily to foreign currency rate fluctuations related to our Taiwan operations which utilize the Taiwan Dollar as their functional currency and specific European operations which utilize the Euro as their functional currency resulting in translation of assets and liabilities to U.S. Dollar
other current and noncurrent assets providing $\$ 22.6$ million more cash primarily due to timing of payments associated with advertising and sponsorships

We expect to generate $\$ 475$ million of cash flow from operations in 2016 with ongoing net income.

## Investing Activities

|  | Fiscal Year Ended |  |  |
| :--- | :--- | :--- | :--- |
|  | Dec 26, | Dec 27, | Dec 28, |
| (In thousands) | 2015 | 2014 | 2013 |
| Net cash provided by (used in) investing activities | $\$(111,979)$ | $\$ 131,332$ | $\$(274,442)$ |

The $\$ 243.3$ million decrease in cash provided by investing activities in fiscal year 2015 compared to fiscal year 2014 was primarily due to the following:

- collection of cash advanced under a loan receivable commitment with Bombardier of $\$ 137.4$ million in 2014 decreased net investments in marketable securities of $\$ 87.0$ million and increased cash payments for acquisitions of $\$ 19.8$ million

The $\$ 405.8$ million increase in cash provided by investing activities in fiscal year 2014 compared to fiscal year 2013 was primarily due to the following:
collection of cash advanced under a loan receivable commitment with Bombardier of $\$ 137.4$ million in the current year period compared to a cash advance of the same amount in the prior year period and increased net redemptions of marketable securities of $\$ 165.9$ million

Partially offset by:
increased purchases of property and equipment of $\$ 17.3$ million increased cash payments for acquisitions of $\$ 13.2$ million and increased cash payments for intangible assets of $\$ 3.6$ million

We have budgeted approximately $\$ 75$ million of capital expenditures during fiscal 2016 to include some facility expansion, along with normal ongoing capital expenditures and maintenance activities. It is management's goal to invest the on-hand cash consistent with Garmin's investment policy, which has been approved by the Board of Directors. The investment policy's primary purpose is to preserve capital, maintain an acceptable degree of liquidity,

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and maximize yield within the constraint of low credit risk. Garmin's average return on cash and investments during fiscal 2015, 2014, and 2013 were approximately $1.2 \%, 1.3 \%$, and $1.4 \%$, respectively.

The Company's investment policy requires investments to be rated A or better with the objective of minimizing the potential risk of principal loss. The fair value of our securities varies from period to period due to changes in interest rates, in the performance of the underlying collateral and in the credit performance of the underlying issuer, among other factors. See Footnote 3 for additional information regarding marketable securities.

## Financing Activities

|  | Fiscal Year Ended |  |  |
| :---: | :---: | :---: | :---: |
|  | Dec 26, | Dec 27, | Dec 28, |
| (In thousands) | 2015 | 2014 | 2013 |
| Net cash used in financing activities | \$(500,092) | \$(599,622) | \$(406,838) |

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The $\$ 99.5$ million decrease in cash used in financing activities in fiscal year 2015 compared to fiscal year 2014 was primarily due to the following:
decreased purchase of treasury stock of $\$ 110.2$ million under a share repurchase authorization

Partially offset by:
increased dividend payments of $\$ 18.0$ million due to the increase in our year-over-year dividend rate

The $\$ 192.8$ million increase in cash used in financing activities in fiscal year 2014 compared to fiscal year 2013 was primarily due to the following:
increased purchase of treasury stock of $\$ 183.2$ million under a share repurchase authorization and increased dividend payments of $\$ 8.4$ million due to the increased dividend per share that was effective beginning in the second calendar quarter of 2014

Our dividend has progressively increased from $\$ 0.45$ per share for the eight calendar quarters beginning in June 2012 to $\$ 0.48$ per share for the four calendar quarters beginning in June 2014 to $\$ 0.51$ per share for the four quarters beginning in June 2015.

We currently use cash flow from operations to fund our capital expenditures, to support our working capital requirements, and to pay dividends. We expect that future cash requirements will principally be for capital expenditures, working capital, payment of dividends declared, share repurchases and the funding of strategic acquisitions. We believe that our existing cash balances and cash flow from operations will be sufficient to meet our long-term projected capital expenditures, working capital and other cash requirements.

## Contractual Obligations and Commercial Commitments

Future commitments of Garmin, as of December 26, 2015, aggregated by type of contractual obligation, are:

## Payments due by period

| Contractual Obligations | Total | Less than 1 year | 1-3 years | 3-5 years | More than 5 years |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Operating Leases | $\$ 65.0$ | $\$ 16.6$ | $\$ 21.9$ | $\$ 12.3$ | $\$$ | 14.2 |

The Company is party to certain commitments, which include purchases of raw materials, advertising expenditures, investments in certain low income housing tax credit projects, and other indirect purchases in connection with conducting our business. The aggregate amount of purchase orders and other commitments open as of December 26, 2015 was approximately $\$ 278.3$ million. We cannot determine the aggregate amount of such purchase orders that represent contractual obligations because purchase orders may represent authorizations to purchase rather than binding agreements. Our purchase orders are based on our current needs and are typically fulfilled within short periods of time.

We may be required to make significant cash outlays related to unrecognized tax benefits. However, due to the uncertainty of the timing of future cash flows associated with our unrecognized tax benefits, we are unable to make reasonably reliable estimates of the period of cash settlement, if any, with the respective taxing authorities. Accordingly, unrecognized tax benefits of $\$ 97.9$ million as of December 26, 2015, have been excluded from the contractual obligations table above. For further information related to unrecognized tax benefits, see Note 2, "Income Taxes," to the consolidated financial statements included in this Report.

## Off-Balance Sheet Arrangements

We do not have any off-balance sheet arrangements.

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

## Market Sensitivity

We have market risk primarily in connection with the pricing of our products and services and the purchase of raw materials. Product pricing and raw materials costs are both significantly influenced by semiconductor market conditions. Historically, during cyclical industry downturns, we have been able to offset pricing declines for our products through a combination of improved product mix and success in obtaining price reductions in raw materials costs.

## Inflation

We do not believe that inflation has had a material effect on our business, financial condition or results of operations. If our costs were to become subject to significant inflationary pressures, we may not be able to fully offset such higher costs through price increases. Our inability or failure to do so could adversely affect our business, financial condition and results of operations.

## Foreign Currency Exchange Rate Risk

The operation of Garmin's subsidiaries in international markets results in exposure to movements in currency exchange rates. We have experienced significant foreign currency gains and losses due to the strengthening and weakening of the U.S. dollar. The potential of volatile foreign exchange rate fluctuations in the future could have a significant effect on our results of operations. The Company has not historically hedged its foreign currency exchange rate risks.

The currencies that create a majority of the Company's exchange rate exposure are the Taiwan Dollar, Euro, and British Pound Sterling. Garmin Corporation, headquartered in Xizhi, Taiwan, uses the local currency as the functional currency. The Company translates all assets and liabilities at year-end exchange rates and income and expense accounts at average rates during the year. In order to minimize the effect of the currency exchange fluctuations on our net assets, we have elected to retain most of our Taiwan subsidiary's cash and investments in marketable securities denominated in U.S. dollars.

Most European subsidiaries use the Euro as the functional currency. The functional currency of our largest European subsidiary, Garmin (Europe) Ltd. remains the U.S. dollar, and as some transactions occurred in British Pounds Sterling or Euros, foreign currency gains or losses have been realized historically related to the movements of those currencies relative to the U.S. dollar. The Company believes that gains and losses will become more material in the future as our European presence grows. In 2015, the U.S. Dollar strengthened $10.0 \%$ relative to the Euro resulting in a foreign currency loss of $\$ 31.2$ million in Garmin Ltd. and our European subsidiaries. The U.S. Dollar strengthened $3.8 \%$ against the Taiwan Dollar resulting in a $\$ 19.5$ million foreign currency gain due to the fluctuation of asset balances throughout the year. The net result of these currency moves combined with other losses of $\$ 11.8$ million, and the timing of transactions during the year was a net loss of $\$ 23.5$ million for the Company and a cumulative translation adjustment of $\$ 35.0$ million during the fiscal year 2015.

We assessed the Company's exposure to movements in currency exchange rates by performing a sensitivity analysis of adverse changes in exchange rates and the corresponding impact to our results of operations. Based on monetary assets and liabilities denominated in currencies other than respective functional currencies as of December 26, 2015 and December 27, 2014, hypothetical and reasonably possible adverse changes of $10 \%$ for the Taiwan Dollar, Euro, and British Pound Sterling would have resulted in an adverse impact on income before income taxes of approximately $\$ 95$ million and $\$ 118$ million at December 26, 2015 and December 27, 2014.

## Interest Rate Risk

We have no outstanding long-term debt as of December 26, 2015. We, therefore, have no meaningful debt-related interest rate risk.

We are exposed to interest rate risk in connection with our investments in marketable securities. As interest rates change, the unrealized gains and losses associated with those securities will fluctuate accordingly.

The Company's investment policy requires investments to be rated A or better with the objective of minimizing the potential risk of principal loss. The Company does not intend to sell securities in an unrealized loss position and it is not more likely than not that the Company will be required to sell such investments before recovery of their amortized costs bases, which may be maturity. During 2015 and 2014, the Company did not record any material impairment charges on its outstanding securities.

We assessed the Company's exposure to interest rate risk by performing a sensitivity analysis of a parallel shift in the yield curve and the corresponding impact to the Company's portfolio of marketable securities. Based on balance sheet positions as of December 26, 2015 and December 27, 2014, the hypothetical and reasonably possible 100 basis point increases in interest rates across all maturities would have resulted in declines in portfolio fair market value of approximately $\$ 43$ million and $\$ 52$ million at December 26, 2015 and December 27, 2014. Such losses would only be realized if the Company sold the investments prior to maturity.

# Item 8. Financial Statements and Supplementary Data 

## CONSOLIDATED FINANCIAL STATEMENTS

Garmin Ltd. and Subsidiaries
Years Ended December 26, 2015, December 27, 2014, and December 28, 2013

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# Report of Independent Registered Public Accounting Firm 

The Board of Directors and Shareholders of Garmin Ltd.

We have audited the accompanying consolidated balance sheets of Garmin Ltd. and subsidiaries as of December 26, 2015 and December 27, 2014, and the related consolidated statements of income, comprehensive income, shareholders' equity and cash flows for each of the three years in the period ended December 26, 2015. 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 Garmin Ltd. and subsidiaries at December 26, 2015 and December 27, 2014, and the consolidated results of their operations and their cash flows for each of the three years in the period ended December 26, 2015, 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), Garmin Ltd.'s internal control over financial reporting as of December 26, 2015, 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 17, 2016 expressed an unqualified opinion thereon.
/s/ Ernst \& Young LLP

Kansas City, Missouri
February 17, 2016

Garmin Ltd. And Subsidiaries

Consolidated Balance Sheets

(In Thousands, Except Per Share Information)

|  | $\begin{aligned} & \text { December 26, } \\ & 2015 \end{aligned}$ | $\begin{aligned} & \text { December 27, } \\ & 2014 \end{aligned}$ |
| :---: | :---: | :---: |
| Assets |  |  |
| Current assets: |  |  |
| Cash and cash equivalents | \$ 833,070 | \$ 1,196,268 |
| Marketable securities (Note 3) | 215,161 | 167,989 |
| Accounts receivable, less allowance for doubtful accounts of \$13,805 in 2015 and \$18,330 in 2014 | 531,481 | 570,191 |
| Inventories, net | 500,554 | 420,475 |
| Deferred income taxes (Note 6) | - | 56,102 |
| Deferred costs | 49,176 | 51,336 |
| Prepaid expenses and other current assets | 81,645 | 48,615 |
| Total current assets | 2,211,087 | 2,510,976 |
| Property and equipment, net |  |  |
| Land and improvements | 85,162 | 94,245 |
| Building and improvements | 351,778 | 324,710 |
| Office furniture and equipment | 206,025 | 188,847 |
| Manufacturing equipment | 131,055 | 128,441 |
| Engineering equipment | 113,690 | 102,692 |
| Vehicles | 20,939 | 20,661 |
|  | 908,649 | 859,596 |
| Accumulated depreciation | (462,560 | (428,709 |
|  | 446,089 | 430,887 |
| Restricted cash (Note 4) | 259 | 308 |
| Marketable securities (Note 3) | 1,343,387 | 1,407,344 |
| Noncurrent deferred income tax (Note 6) | 116,518 | 67,712 |
| Noncurrent deferred costs | 38,769 | 36,140 |
| Intangible assets, net | 245,552 | 218,083 |
| Other assets | 97,730 | 21,853 |
| Total assets | \$ 4,499,391 | \$ 4,693,303 |
| Liabilities and Stockholders' Equity |  |  |
| Current liabilities: |  |  |
| Accounts payable | \$ 178,905 | \$ 149,094 |
| Salaries and benefits payable | 70,601 | 62,764 |
| Accrued warranty costs | 30,449 | 27,609 |
| Accrued sales program costs | 67,613 | 58,934 |

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| Deferred revenue | 164,982 | 203,598 |
| :--- | :--- | :--- |
| Accrued royalty costs | 30,310 | 51,889 |
| Accrued advertising expense | 33,547 | 26,334 |
| Other accrued expenses | 74,926 | 67,780 |
| Deferred income taxes (Note 6) | - | 17,673 |
| Income taxes payable | 21,674 | 182,260 |
| Dividend payable | 192,991 | 185,326 |
| Total current liabilities | 865,998 | $1,033,261$ |
|  |  |  |
| Deferred income taxes (Note 6) | 56,210 | 39,497 |
| Non-current income taxes | 101,689 | 80,611 |
| Non-current deferred revenue | 128,731 | 135,130 |
| Other liabilities | 1,637 | 1,437 |
|  |  |  |
| Stockholders' equity: |  |  |
| Shares, CHF 10 par value, 208,077 shares authorized and issued; 189,722 shares |  |  |
| outstanding at December 26, 2015; and 191,815 shares outstanding at December 27, | $1,797,435$ | $1,797,435$ |
| 2014; (Notes 9, 10, and 11): |  |  |
| Additional paid-in capital | 62,239 | 73,521 |
| Treasury stock | $(414,637$ | ) |
| Retained earnings | $1,930,517$ | $1,859,972$ |
| Accumulated other comprehensive income | $(30,428$ | ) |
| Total stockholders' equity | $3,345,126$ | $3,403,367$ |
| Total liabilities and stockholders' equity | $\$ 4,499,391$ | $\$ 4,693,303$ |

See accompanying notes.

Garmin Ltd. And Subsidiaries

## Consolidated Statements of Income

(In Thousands, Except Per Share Information)

|  | Fiscal Year Ended |  |  |
| :---: | :---: | :---: | :---: |
|  | December <br> 26, <br> 2015 | $\begin{aligned} & \text { December 27, } \\ & 2014 \end{aligned}$ | $\begin{aligned} & \text { December 28, } \\ & 2013 \end{aligned}$ |
| Net sales | \$2,820,270 | \$ 2,870,658 | \$ 2,631,851 |
| Cost of goods sold | 1,281,566 | 1,266,246 | 1,224,551 |
| Gross profit | 1,538,704 | 1,604,412 | 1,407,300 |
| Advertising expense | 167,166 | 146,633 | 112,905 |
| Selling, general and administrative expenses | 394,914 | 372,032 | 355,440 |
| Research and development expense | 427,043 | 395,121 | 364,923 |
|  | 989,123 | 913,786 | 833,268 |
| Operating income | 549,581 | 690,626 | 574,032 |
| Other income (expense): |  |  |  |
| Interest income | 29,653 | 35,584 | 35,271 |
| Foreign currency (losses) gains | (23,465 ) | (4,299 | ) 35,538 |
| Other | 11,418 | 1,834 | 8,717 |
|  | 17,606 | 33,119 | 79,526 |
| Income before income taxes | 567,187 | 723,745 | 653,558 |
| Income tax provision (benefit): (Note 6) |  |  |  |
| Current | 114,222 | 274,107 | 27,771 |
| Deferred | (3,262 ) | ) 85,427 | 13,375 |
|  | 110,960 | 359,534 | 41,146 |
| Net income | \$456,227 | \$ 364,211 | \$ 612,412 |
| Basic net income per share (Note 10) | \$2.39 | \$ 1.89 | \$ 3.13 |
| Diluted net income per share (Note 10) | \$2.39 | \$ 1.88 | \$ 3.12 |

See accompanying notes.

## Garmin Ltd. And Subsidiaries

## Consolidated Statements of Comprehensive Income

(In Thousands)

Net income
Foreign currency translation adjustment
Change in fair value of available-for-sale marketable securities, net of deferred taxes
Comprehensive income

Fiscal Year Ended
$\left.\begin{array}{llll}\text { December } \\ 26, & \text { December } & \text { December } & \\ 27, & 28, & \\ 2015 & 2014 & 2013 & \\ \$ 456,227 & \$ 364,211 & \$ 612,412 & \\ (34,981) & (64,489 & (43,609 & ) \\ 1,982 & 29,019 & (56,904 & ) \\ \$ 423,228 & \$ 328,741 & \$ 511,899\end{array}\right)$

See accompanying notes.

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## Garmin Ltd. And Subsidiaries

Consolidated Statements of Stockholders' Equity
(In Thousands)

|  | CommonStock | Additional | Treasury | Retained | Accumulated Other |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Comprehensive |  |
|  |  | Capital | Stock | Earnings | Income/(Loss) | Total |
| Balance at December 29, 2012 | \$1,797,435 | \$ 72,462 | \$(81,280 ) | \$ 1,604,625 | \$ 138,554 | \$3,531,796 |
| Net income | - | - | - | 612,412 | - | 612,412 |
| Translation adjustment | - | - | - | - | (43,609 | (43,609 ) |
| Adjustment related to unrealized gains (losses) on available-for-sale securities net of income tax effects of $(\$ 2,183)$ | - | - | - | - | (56,904 | (56,904 ) |
| Comprehensive income |  |  |  |  |  | 511,899 |
| Dividends declared | - | - | - | (351,450 ) | - | (351,450 ) |
| Tax benefit from issuance of equity awards | - | 4,584 | - | - | - | 4,584 |
| Issuance of treasury stock related to equity awards | - | (20,375 ) | 43,145 | - | - | 22,770 |
| Stock compensation | - | 22,592 | - | - | - | 22,592 |
| Purchase of treasury stock related to equity awards | - | - | (24,063 ) | - | - | (24,063 ) |
| Purchase of treasury stock under share repurchase plan | - | - | (58,422 ) | - | - | (58,422 ) |
| Balance at December 28, 2013 | \$1,797,435 | \$79,263 | \$(120,620) | \$ 1,865,587 | \$ 38,041 | \$3,659,706 |
| Net income | - | - | - | 364,211 | - | 364,211 |
| Translation adjustment | - | - | - | - | (64,489 | (64,489 |
| Adjustment related to unrealized gains (losses) on available-for-sale securities net of income tax effects of \$201 | - | - | - | - | 29,019 | 29,019 |
| Comprehensive income |  |  |  |  |  | 328,741 |
| Dividends declared | - | - | - | (369,826 ) | - | (369,826 ) |
| Tax benefit from issuance of equity awards | - | (84 ) | - | - | - | (84 ) |
| Issuance of treasury stock related to equity awards | - | (29,951 ) | 50,704 | - | - | 20,753 |
| Stock compensation | - | 24,293 |  | - | - | 24,293 |
| Purchase of treasury stock related to equity awards | - | - | (18,638 ) | - | - | (18,638 ) |
|  | - | - | $(241,578)$ | - | - | (241,578) |

Purchase of treasury stock under share repurchase plan


| Translation adjustment | - | - | - | - | $(34,981$ | $(34,981)$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Adjustment related to unrealized gains (losses) on available-for-sale securities net of income tax effects of $\$ 115$
Comprehensive income 423,228
Dividends declared $\quad-\quad(100 \quad$ ) $\quad$ (385,682) - $\quad$ (385,782 )
Tax benefit from issuance of equity _ (2,050 ) - _ - awards
Issuance of treasury stock related to equity awards
Stock compensation
$\left.\begin{array}{llllll}- & (35,422 & 52,494 & - & - & 17,072 \\ - & 26,290 & & - & - & 26,290 \\ - & - & (5,586 & ) & - & - \\ - & - & (131,413) & - & - & (5,586\end{array}\right)$

See accompanying notes.

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## Garmin Ltd. And Subsidiaries

## Consolidated Statements of Cash Flows

(In Thousands)

Operating Activities:
Net income
Fiscal Year Ended

| December <br> 26, | December 27, | December 28, |
| :--- | :--- | :--- |
| 2015 | 2014 | 2013 |
| $\$ 456,227$ | $\$ 364,211$ | $\$ 612,412$ |

Adjustments to reconcile net income to net cash provided by operating activities:
Depreciation

| 51,311 | 48,433 |  | 48,476 |  |
| :--- | :--- | :--- | :--- | :--- |
| 27,049 | 28,582 |  | 30,328 |  |
| $(198$ | $)$ | $(306$ | $)$ | $(724$ |
| $(2,521$ | $)$ | 66 |  | 1,553 |
| 23,257 | 25,903 | 20,891 |  |  |
| 37,931 | 573 | $(40,120$ | $)$ |  |
| 5,897 | 89,828 | 7,931 |  |  |
| 26,290 | 24,293 |  | 22,592 |  |
| $(55$ | $)$ | $(505$ | $)$ | $(5,877$ |
|  |  |  |  |  |
| 22,473 | $(27,398$ | $)$ | 38,589 |  |
| $(121,718$ | $)$ | $(76,491$ | $)$ | $(17,593$ |
| $(107,360$ | $)$ | 627 |  | $(22,013$ |
| 36,079 | 8,981 |  | 18,043 |  |
| 20,742 | 16,467 |  | $(31,775$ | $)$ |
| $(43,338$ | $)$ | $(87,543$ | $)$ | $(16,150$ |
| $(585$ | $)$ | 11,029 | $(2,204$ | $)$ |
| $(151,014$ | $)$ | 95,961 | $(34,275$ | $)$ |
| 280,467 | 522,711 | 630,084 |  |  |

Investing activities:
Purchases of property and equipment
Proceeds from sale of property and equipment
Purchase of intangible assets
Purchase of marketable securities
Redemption of marketable securities
Proceeds from repayment (advances) on loan receivable
Acquisitions, net of cash acquired
Change in restricted cash
Net cash provided by (used in) investing activities
$\left.\begin{array}{lllll}(80,592 & ) & (73,339 & ) & (56,083 \\ (, 921 & 748 & & 885 & \\ (3,889 & ) & (4,720 & ) & (1,122\end{array}\right)$

Financing activities:
Dividends
Tax benefit from issuance of equity awards
Proceeds from issuance of treasury stock related to equity awards
Purchase of treasury stock related to equity awards
Purchase of treasury stock under share repurchase plan Net cash used in financing activities

Effect of exchange rate changes on cash and cash equivalents
Net increase (decrease) in cash and cash equivalents
Cash and cash equivalents at beginning of year
Cash and cash equivalents at end of year

| $(378,117)$ | $(360,075$ | $)$ | $(351,707$ | $)$ |
| :--- | :--- | :--- | :--- | :--- |
| $(2,049$ | $)$ | $(84$ | $)$ | 4,584 |
| $(7,073$ | 20,753 |  | 22,770 |  |
| $(5,586$ | $)$ | $(18,638$ | $)$ | $(24,063$ |
| $(131,413)$ | $(241,578$ | $)$ | $(58,422$ | $)$ |
| $(500,092)$ | $(599,622$ | $)$ | $(406,838$ | $)$ |
| $(31,594)$ | $(37,302$ | $)$ | $(835$ | $)$ |
|  |  |  |  |  |
| $(363,198)$ | 17,119 | $(52,031$ | $)$ |  |
| $1,196,268$ | $1,179,149$ | $1,231,180$ |  |  |
| $\$ 833,070$ | $\$ 1,196,268$ | $\$ 1,179,149$ |  |  |

See accompanying notes.

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## Garmin Ltd. And Subsidiaries

## Consolidated Statements of Cash Flows (continued)

(In Thousands)

| Fiscal Year Ended |  |  |
| :--- | :--- | :--- |
| December | December | December |
| 26, | 27, | 28, |
| 2015 | 2014 | 2013 |

Supplemental disclosures of cash flow information
Cash paid during the year for income taxes

Cash received during the year from income tax refunds
Cash paid during the year for interest
Supplemental disclosure of non-cash investing and financing activities
$\left.\begin{array}{lcccc}\begin{array}{l}\text { Change in marketable securities related to unrealized appreciation } \\ \text { (depreciation) }\end{array} & \$ 1,867 & \$ 29,220 & \$(59,087 & \\ \text { Fair value of assets acquired } & \$ 38,687 & \$ 22,735 & \$ 11,486 \\ \text { Liabilities assumed } & - & (3,718 & ) & (4,955\end{array}\right)$

See accompanying notes.

## GARMIN LTD. AND SUBSIDIARIES

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS 

(In Thousands, Except Share and Per Share Information)
December 26, 2015 and December 27, 2014

## 1. Description of the Business

Garmin Ltd. and subsidiaries (together, the "Company") design, develop, manufacture, market, and distribute a diverse family of hand-held, wrist-based, portable and fixed-mount Global Positioning System (GPS)-enabled products and other navigation, communications, information and sensor-based products. Garmin Corporation (GC) is primarily responsible for the manufacturing and distribution of the Company's products to the Company's subsidiaries and, to a lesser extent, new product development and sales and marketing of the Company's products in Asia and the Far East. Garmin International, Inc. (GII) is primarily responsible for sales and marketing of the Company's products in the Americas region and for most of the Company's research and new product development. GII also manufactures most of the Company's products in the aviation segment. Garmin (Europe) Ltd. (GEL) is responsible for sales and marketing of the Company's products in Europe, the Middle East and Africa (EMEA). Many of GEL's sales are to other Company-owned distributors in the EMEA region.

## 2. Summary of Significant Accounting Policies

## Basis of Presentation and Principles of Consolidation

The accompanying consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States. The accompanying consolidated financial statements reflect the accounts of Garmin Ltd. and its wholly-owned subsidiaries. All significant inter-company balances and transactions have been eliminated.

## Fiscal Year

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The Company has adopted a 52-53-week period ending on the last Saturday of the calendar year. Due to the fact that there are not exactly 52 weeks in a calendar year and there is slightly more than one additional day per year (not including the effects of leap year) in each calendar year as compared to a 52 -week fiscal year, the Company will have a fiscal year comprising 53 weeks in certain fiscal years, as determined by when the last Saturday of the calendar year occurs.

In those resulting fiscal years that have 53 weeks, the Company will record an extra week of sales, costs, and related financial activity. Therefore, the financial results of those fiscal years, and the associated 14 -week fourth quarter, will not be entirely comparable to the prior and subsequent 52 -week fiscal years and the associated quarters having only 13 weeks. Fiscal years 2015, 2014 and 2013 included 52 weeks.

## Use of Estimates

The preparation of consolidated financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the amounts reported in the consolidated financial statements and accompanying notes. Actual results could differ from those estimates.

## Foreign Currency

Many Garmin Ltd. subsidiaries utilize currencies other than the United States Dollar (USD) as their functional currency. As required by the Foreign Currency Matters topic of the Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC), the financial statements of these subsidiaries for all periods presented have been translated into USD, the functional currency of Garmin Ltd., and the reporting currency herein, for purposes of consolidation at rates prevailing during the year for sales, costs, and expenses and at end-of-year rates for all assets and liabilities. The effect of this translation is recorded in a separate component of stockholders' equity. Cumulative translation adjustments of $(\$ 14,108)$ and $\$ 20,874$ as of December 26, 2015 and December 27, 2014, respectively, have been included in accumulated other comprehensive income in the accompanying consolidated balance sheets.

Transactions in foreign currencies are recorded at the approximate rate of exchange at the transaction date. Assets and liabilities resulting from these transactions are translated at the rate of exchange in effect at the balance sheet date. The movements of the Taiwan Dollar and Euro/British Pound Sterling have offsetting impacts when the currencies move congruently against the U.S. Dollar due to the use of the Taiwan Dollar for manufacturing costs and cash held in non-functional currency while the Euro and British Pound Sterling transactions relate primarily to revenue. All differences are recorded in results of operations and amounted to exchange (losses) gains of $(\$ 23,465),(\$ 4,299)$, and $\$ 35,538$, for the years ended December 26, 2015, December 27, 2014, and December 28, 2013, respectively. The loss in fiscal 2015 was due primarily to the USD strengthening against the Euro partially offset by the USD strengthening against the Taiwan Dollar. The loss in fiscal 2014 was due primarily to the USD strengthening against the Euro and the British Pound Sterling which was largely offset by the USD strengthening against the Taiwan Dollar. The gain in fiscal 2013 was due primarily to the strengthening of the USD against the Taiwan Dollar and the USD weakening against the Euro and the British Pound Sterling.

## Earnings Per Share

Basic earnings per share amounts are computed based on the weighted-average number of common shares outstanding. For purposes of diluted earnings per share, the number of shares that would be issued from the exercise of dilutive stock options has been reduced by the number of shares which could have been purchased from the proceeds of the exercise at the average market price of the Company's stock during the period the options were outstanding. See Note 10.

## Cash and Cash Equivalents

For purposes of reporting cash flows, cash and cash equivalents include cash on hand, operating accounts, money market funds, and securities with maturities of three months or less when purchased. The carrying amount of cash and cash equivalents approximates fair value, given the short maturity of those instruments.

## Trade Accounts Receivable

The Company sells its products to retailers, wholesalers, and other customers and extends credit based on its evaluation of the customer's financial condition. Potential losses on receivables are dependent on each individual customer's financial condition. The Company carries its trade accounts receivable at net realizable value. Typically, its accounts receivable are collected within 80 days and do not bear interest. The Company monitors its exposure to losses on receivables and maintains allowances for potential losses or adjustments. The Company determines these allowances by (1) evaluating the aging of its receivables and (2) reviewing its high-risk customers. Past due receivable

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balances are written off when its internal collection efforts have been unsuccessful in collecting the amount due. The Company maintains trade credit insurance to provide security against large losses.

## Concentration of Credit Risk

The Company grants credit to certain customers who meet the Company's pre-established credit requirements. Generally, the Company does not require security when trade credit is granted to customers. Credit losses are provided for in the Company's consolidated financial statements and typically have been within management's expectations. Certain customers are allowed extended terms consistent with normal industry practice. Most of these extended terms can be classified as either relating to seasonal sales variations or to the timing of new product releases by the Company.

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The Company's top ten customers have contributed between $22 \%$ and $24 \%$ of net sales since 2013. None of the Company's customers accounted for more than $10 \%$ of consolidated net sales in the years ended December 26, 2015, December 27, 2014, and December 28, 2013.

## Loan Receivable

On March 14, 2013, the Company entered into a Memorandum of Agreement (the "Agreement") with Bombardier, Inc. ("Bombardier"). The Company is the supplier of the avionics system for the Lear 70 and Lear 75 aircraft for Learjet, Inc., which is a subsidiary of Bombardier (the "Program"). In order to assist Bombardier in connection with delayed cash flows from the Program partially related to the certification of avionics for the Program exceeding the planned delivery date, the Company agreed to provide Bombardier a short term, interest free, loan of $\$ 173,708$ in cash in seven installments beginning on March 22, 2013 and ending on September 20, 2013 pursuant to the terms and conditions of the Agreement. Bombardier repaid the loan in five installments beginning in November 2013 and ending in April 2014 pursuant to the terms and conditions of the Agreement and subsequent amendment signed December 6, 2013.

## Inventories

Inventories are stated at the lower of cost or market with cost being determined on a first-in, first-out (FIFO) basis. Garmin writes down its inventory for estimated obsolescence or unmarketable inventory equal to the difference between the cost of inventory and the estimated market value based upon assumptions about future demand and market conditions. If actual market conditions are less favorable than those projected by management, additional inventory write-downs may be required. Inventories consisted of the following:

December 26, 2015 December 27, 2014

| Raw Materials | $\$ 203,173$ | $\$ 161,444$ |  |
| :--- | :---: | :---: | :---: |
| Work-in-process | 69,690 |  | 53,824 |
| Finished goods | 273,762 |  | 244,282 |
| Inventory Reserves | $(46,071$ | $)$ | $(39,075$ |
| Inventory, net of reserves | $\$ 500,554$ | $\$ 420,475$ |  |

## Property and Equipment

Property and equipment are recorded at cost and depreciated using the straight-line method over the following estimated useful lives:

$$
\begin{array}{ll}
\text { Buildings and improvements } & 39-50 \\
\text { Office furniture and equipment } & 3-5 \\
\text { Manufacturing and engineering equipment } & 5 \\
\text { Vehicles } & 5
\end{array}
$$

## Long-Lived Assets

As required by the Property, Plant and Equipment topic of the FASB ASC, the Company reviews long-lived assets for impairment whenever events or changes in circumstances indicate the carrying amount of an asset may not be fully recoverable. The carrying amount of a long-lived asset is not recoverable if it exceeds the sum of the undiscounted cash flows expected to result from the use and eventual disposition of the asset. That assessment is based on the carrying amount of the asset at the date it is tested for recoverability. An impairment loss is measured as the amount by which the carrying amount of a long-lived asset exceeds its fair value.

The Intangibles - Goodwill and Other topic of the FASB ASC requires that goodwill and intangible assets with indefinite useful lives should not be amortized but rather be tested for impairment at least annually or sooner whenever events or changes in circumstances indicate that they may be impaired. The Company did not recognize any goodwill or intangible asset impairment charges in 2015, 2014, or 2013. The accounting guidance also requires that intangible assets with finite lives be amortized over their estimated useful lives and reviewed for impairment. The Company is currently amortizing its acquired intangible assets with finite lives over periods ranging from 3 to 10 years.

## Dividends

Under Swiss corporate law, dividends must be approved by shareholders at the general meeting of the Company's shareholders.

On June 5, 2015, the shareholders approved a dividend of $\$ 2.04$ per share (of which, $\$ 1.02$ was paid in the Company's 2015 fiscal year) payable in four equal installments on dates determined by the Board of Directors. The dates determined by the Board were as follows:

| Dividend Date | Record Date | \$s per <br> share |
| :--- | :--- | :--- |
| June 30, 2015 | June 16, 2015 | $\$ 0.51$ |
| September 30, 2015 | September 15, 2015 | $\$ 0.51$ |
| December 31, 2015 | December 15, 2015 | $\$ 0.51$ |
| March 31, 2016 | March 15, 2016 | $\$ 0.51$ |

The Company paid dividends in 2015 in the amount of $\$ 378,117$. Both the dividend paid and the remaining dividend payable were reported as a reduction of retained earnings.

On June 6,2014 , the shareholders approved a dividend of $\$ 1.92$ per share (of which, $\$ 0.96$ was paid in the Company's 2014 fiscal year) payable in four equal installments on dates determined by the Board of Directors. The dates determined by the Board were as follows:

| Dividend Date | Record Date | \$s per <br> share |
| :--- | :--- | :--- |
| June 30, 2014 | June 17, 2014 | $\$ 0.48$ |
| September 30, 2014 | September 15, 2014 | $\$ 0.48$ |
| December 31, 2014 | December 15, 2014 | $\$ 0.48$ |
| March 31, 2015 | March 16, 2015 | $\$ 0.48$ |

The Company paid dividends in 2014 in the amount of $\$ 360,075$. Both the dividend paid and the remaining dividend payable were reported as a reduction of retained earnings.

On June 7, 2013, the shareholders approved a dividend of $\$ 1.80$ per share (of which, $\$ 0.90$ was paid in the Company's 2013 fiscal year) payable in four equal installments on dates determined by the Board of Directors. The dates determined by the Board were as follows:

| Dividend Date | Record Date | \$s per <br> share |
| :--- | :--- | :--- |
| June 28, 2013 | June 18, 2013 | $\$ 0.45$ |
| September 30, 2013 | September 16, 2013 | $\$ 0.45$ |
| December 31, 2013 | December 16, 2013 | $\$ 0.45$ |
| March 31, 2014 | March 17, 2014 | $\$ 0.45$ |

The Company paid dividends in 2013 in the amount of $\$ 351,707$. Both the dividend paid and the remaining dividend payable were reported as a reduction of retained earnings.

Approximately $\$ 304,674$ and $\$ 290,955$ of retained earnings are indefinitely restricted from distribution to stockholders pursuant to the laws of Taiwan at December 26, 2015 and December 27, 2014, respectively.

## Intangible Assets

At December 26, 2015 and December 27, 2014, the Company had patents, customer related intangibles and other identifiable finite-lived intangible assets recorded at a cost of $\$ 216,465$ and $\$ 191,034$, respectively. Identifiable, finite-lived intangible assets are amortized over their estimated useful lives on a straight-line basis over three to ten years, which represents the expected pattern and duration of use of and benefit received from the respective assets. Accumulated amortization was $\$ 158,704$ and $\$ 151,589$ at December 26, 2015 and December 27, 2014, respectively. Amortization expense on these intangible assets was $\$ 7,115, \$ 8,362$ and $\$ 17,847$, for the years ended December 26, 2015, December 27, 2014, and December 28, 2013, respectively. In the next five years, the amortization expense is estimated to be $\$ 19,780, \$ 7,506, \$ 6,734, \$ 4,787$ and $\$ 3,610$, respectively.

The Company's excess purchase cost over fair value of net assets acquired (goodwill) was $\$ 187,791$ at December 26, 2015 and $\$ 178,638$ at December 27, 2014.

December 26, December 27,

|  | 2015 | 2014 |
| :--- | :---: | :---: |
| Goodwill balance at beginning of year | $\$ 178,638$ | $\$ 179,290$ |
| Acquisitions | 11,908 | 2,517 |
| Finalization of purchase price allocations and effect of foreign currency translation | $(2,755$ | $(3,169)$ |
| Goodwill balance at end of year | $\$ 187,791$ | $\$ 178,638$ |

## Marketable Securities

Management determines the appropriate classification of marketable securities at the time of purchase and reevaluates such designation as of each balance sheet date.

All of the Company's marketable securities were considered available-for-sale at December 26, 2015.
Available-for-sale securities are stated at fair value, with the unrealized gains and losses, net of tax, reported in other comprehensive gain (loss). At December 26, 2015 and December 27, 2014, cumulative unrealized gains and losses,
net of tax of $(\$ 16,321)$ and $(\$ 18,303)$, respectively, were reported in accumulated other comprehensive income, net of related taxes.

Investments are reviewed periodically to determine if they have suffered an impairment of value that is considered other than temporary. If investments are determined to be impaired, a loss is recognized at the date of determination.

Testing for impairment of investments requires significant management judgment. The identification of potentially impaired investments, the determination of their fair value and the assessment of whether any decline in value is other than temporary are the key judgment elements. The discovery of new information and the passage of time can significantly change these judgments. Revisions of impairment judgments are made when new information becomes known, and any resulting impairment adjustments are made at that time. The economic environment and volatility of securities markets increase the difficulty of determining fair value and assessing investment impairment.

The amortized cost of debt securities classified as available-for-sale is adjusted for amortization of premiums and accretion of discounts to maturity, or in the case of mortgage-backed securities, over the estimated life of the security. Such amortization is included in interest income from investments. Realized gains and losses, and credit declines in value judged to be other-than-temporary are included in other income. The cost of securities sold is based on the specific identification method.

Investments are discussed in detail in Note 3 of the Notes to Consolidated Financial Statements.

## Income Taxes

The Company accounts for income taxes using the liability method in accordance with the FASB ASC 740 topic Income Taxes. The liability method provides that deferred tax assets and liabilities are recorded based on the difference between the tax bases of assets and liabilities and their carrying amount for financial reporting purposes as measured based on the enacted tax rates and laws that will be in effect when the differences are expected to reverse. The Company records a valuation allowance to reduce deferred tax assets to the amount that is believed more likely than not to be realized.

The Company adopted the applicable guidance included in the FASB ASC 740 topic Income Taxes related to accounting for uncertainty in income taxes on December 31, 2006, the beginning of fiscal year 2007. We recognize liabilities for tax audit issues in the U.S. and other tax jurisdictions based on our estimate of whether, and the extent to which, additional taxes will be due. If payment of these amounts ultimately proves not to be required, the reversal of the liabilities would result in tax benefits being recognized in the period when we determine the liabilities are no longer necessary. If our estimate of tax liabilities proves to be less than the ultimate assessment, a further charge to expense would result.

Income taxes are discussed in detail in Note 6 of the Notes to Consolidated Financial Statements.

## Revenue Recognition

Garmin recognizes revenue when persuasive evidence of an arrangement exists, delivery has occurred, the sales price is fixed or determinable, and collection is probable. For the large majority of Garmin's sales, these criteria are met once product has shipped and title and risk of loss have transferred to the customer. The Company recognizes revenue from the sale of hardware products and software bundled with hardware that is essential to the functionality of the
hardware in accordance with general revenue recognition accounting guidance. The Company recognizes revenue in accordance with industry specific software accounting guidance for standalone sales of software products and sales of software bundled with hardware not essential to the functionality of the hardware. The Company generally does not offer specified or unspecified upgrade rights to its customers in connection with software sales.

For multiple-element arrangements that include tangible products that contain software essential to the tangible product's functionality and undelivered software elements that relate to the tangible product's essential software, the Company allocates revenue to all deliverables based on their relative selling prices. In such circumstances, the accounting principles establish a hierarchy to determine the selling price to be used for allocating revenue to deliverables as follows: (i) vendor-specific objective evidence of fair value (VSOE), (ii) third-party evidence of selling price (TPE), and (iii) best estimate of the selling price (ESP). VSOE generally exists only when the Company sells the deliverable separately, on more than a limited basis, at prices within a relatively narrow range. In addition to the products listed below, the Company has offered certain other products including mobile applications, in-dash navigation solutions, aviation subscriptions and extended warranties that involve multiple-element arrangements that are immaterial.

Garmin offers PNDs with lifetime map updates (LMUs) bundled in the original purchase price. LMUs enable customers to download the latest map and point of interest information for the useful life of their PND. In addition, Garmin offers PNDs with traffic service bundled in the original purchase price. The Company has identified multiple deliverables contained in arrangements involving the sale of PNDs which include the LMU and/or traffic service. The first deliverable is the hardware along with the software essential to the functionality of the hardware device delivered at the time of sale. The remaining deliverables are the LMU and/or traffic service. The Company has allocated revenue between these deliverables using the relative selling price method. Amounts allocated to the delivered hardware and the related essential software are recognized at the time of sale provided the other conditions for revenue recognition have been met. The revenue and associated cost of royalties allocated to the LMU and/or the traffic service are deferred and recognized on a straight-line basis over the estimated life of the products.

The Company has determined sufficient VSOE does not exist for LMU or traffic, and that third party evidence of selling price is not available. During 2013, the Company estimated selling price of the undelivered element based on the relative selling price method using a weighted average of the stand-alone sales price, the price differential between bundled and unbundled PND units, and the royalty or subscription cost plus a normal margin. These estimates were reflective of how the Company established product pricing based in part on customer perception of value of the added LMU or traffic service capability to the PND. In 2014, the Company determined that stand-alone and unbundled unit sales no longer occurred on more than a limited basis, and therefore began using the royalty cost plus a normal margin as the primary indicator to calculate relative selling prices of the undelivered elements.

Garmin records estimated reductions to revenue for customer sales programs, returns and incentive offerings including rebates, price protection (product discounts offered to retailers to assist in clearing older products from their inventories in advance of new product releases), promotions and other volume-based incentives. The reductions to revenue are based on estimates and judgments using historical experience and expectation of future conditions. Changes in these estimates could negatively affect Garmin's operating results. These incentives are reviewed periodically and, with the exceptions of price protection and certain other promotions, accrued for on a percentage of sales basis. If market conditions were to decline, Garmin may take actions to increase customer incentive offerings, possibly resulting in an incremental reduction of revenue at the time the incentive is offered.

The Company records revenue net of sales tax, trade discounts and customer returns. The reductions to revenue for expected future product returns are based on Garmin's historical experience.

## Deferred Revenues and Costs

At December 26, 2015 and December 27, 2014, the Company had deferred revenues totaling $\$ 293,713$ and $\$ 338,728$, respectively, and related deferred costs totaling $\$ 87,945$ and $\$ 87,476$, respectively.

The deferred revenues and costs are recognized over their estimated economic lives of two to five years on a straight-line basis. In the next five years, the gross margin recognition of deferred revenue and cost for the currently deferred amounts is estimated to be $\$ 115,806, \$ 60,971, \$ 21,467, \$ 5,356$ and $\$ 2,168$, respectively.

## Shipping and Handling Costs

Shipping and handling costs are included in cost of goods sold in the accompanying consolidated financial statements.

## Product Warranty

The Company provides for estimated warranty costs at the time of sale. The Company's standard warranty obligation to retail partners generally provides for a right of return of any product for a full refund in the event that such product is not merchantable, is damaged or defective. The Company's historical experience is that these types of warranty obligations are generally fulfilled within 5 months from time of sale. The Company's standard warranty obligation to its end-users provides for a period of one to two years from date of shipment while certain aviation products have a warranty period of two years from the date of installation. The Company's estimate of costs to service its warranty obligations are based on historical experience and expectations of future conditions and are recorded as a liability on the balance sheet. To the extent Garmin experiences increased warranty claim activity or increased costs associated with servicing those claims, its warranty accrual will increase, resulting in decreased gross profit. The following reconciliation provides an illustration of changes in the aggregate warranty reserve:

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| Balance - beginning of period | $\$ 27,609$ | $\$ 26,767$ | $\$ 37,301$ | $(8,709$ |
| :--- | :--- | :--- | :---: | :--- |
| Change in accrual for products sold in prior periods ${ }^{(1)}$ | - | - | 41,309 |  |
| Accrual for products sold ${ }^{(2)}$ | 44,620 | 44,423 |  |  |
| Expenditures | $(41,780)$ | $(43,581$ | $)$ | $(43,134$ |
| Balance - end of period | $\$ 30,449$ | $\$ 27,609$ | $\$ 26,767$ |  |

Our expected future cost is estimated based upon historical trends in the volume of product returns and the related (1) warranty costs incurred. In 2013 we updated these assumptions and shortened the estimated time horizon in which we settle claims with our retail partners.
(2) Minor changes in cost estimates related to pre-existing warranties are aggregated with accruals for new warranty contracts in the 'accrual for products sold' line.

## Sales Programs

The Company provides certain monthly and quarterly incentives for its dealers and distributors based on various factors including dealer purchasing volume and growth. Additionally, from time to time, the Company provides rebates to end users on certain products. Estimated rebates and incentives payable to dealers and distributors are regularly reviewed and recorded as accrued expenses on a monthly basis. In addition, the Company provides dealers and distributors with product discounts to assist these customers in clearing older products from their inventories in advance of new product releases. Each discount is tied to a specific product and can be applied to all customers who have purchased the product or a special discount may be agreed to on an individual customer basis. These rebates, incentives, and discounts are recorded as reductions to net sales in the accompanying consolidated statements of income in the period the Company has sold the product.

## Advertising Costs

The Company expenses advertising costs as incurred. Advertising expense amounted to approximately $\$ 167,166$, $\$ 146,633$, and $\$ 112,905$, for the years ended December 26, 2015, December 27, 2014 and December 28, 2013, respectively.

## Research and Development

A majority of the Company's research and development is performed in the United States. Research and development costs, which are expensed as incurred, amounted to approximately $\$ 427,043, \$ 395,121$, and $\$ 364,923$, for the years ended December 26, 2015, December 27, 2014 and December 28, 2013, respectively.

## Customer Service and Technical Support

Customer service and technical support costs are included as selling, general and administrative expenses in the accompanying consolidated statements of income. Customer service and technical support costs include costs associated with performing order processing, answering customer inquiries by telephone and through Web sites, e-mail and other electronic means, and providing free technical support assistance to customers. The technical support is provided within one year after the associated revenue is recognized. The related cost of providing this free support is not material.

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## Software Development Costs

The FASB ASC topic entitled Software requires companies to expense software development costs as they incur them until technological feasibility has been established, at which time those costs are capitalized until the product is available for general release to customers. Capitalized software development costs are not significant as the time elapsed from working model to release is typically short. As required by the Research and Development topic of the FASB ASC, costs incurred to enhance our existing products or after the general release of the service using the product are expensed in the period they are incurred and included in research and development costs in the accompanying consolidated statements of income.

## Accounting for Stock-Based Compensation

The Company currently sponsors four stock based employee compensation plans. The FASB ASC topic entitled Compensation - Stock Compensation requires the measurement and recognition of compensation expenses for all share-based payment awards made to employees and directors including employee stock options and restricted stock based on estimated fair values.

Accounting guidance requires companies to estimate the fair value of share-based payment awards on the date of grant using an option-pricing model. The value of the portion of the award that is ultimately expected to vest is recognized as stock-based compensation expense on a straight-line basis over the requisite service period in the Company's consolidated financial statements.

As stock-based compensation expenses recognized in the accompanying consolidated statements of income are based on awards ultimately expected to vest, they have been reduced for estimated forfeitures. Accounting guidance requires forfeitures to be estimated at the time of grant and revised, if necessary, in subsequent periods if actual forfeitures differ from those estimates. Forfeitures were estimated based on historical experience and management's estimates.

Stock compensation plans are discussed in detail in Note 9 of the Notes to Consolidated Financial Statements.

## Recently Issued Accounting Pronouncements

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In May 2014, the FASB issued Accounting Standards Update No. 2014-09, Revenue from Contracts with Customers (Topic 606) ("ASU 2014-09"), which supersedes previous revenue recognition guidance. ASU 2014-09 requires that a company will recognize revenue at an amount that reflects the consideration to which the company expects to be entitled in exchange for transferring goods or services to a customer. In applying the new guidance, a company will (1) identify the contract(s) with a customer; (2) identify the performance obligations in the contract; (3) determine the transaction price; (4) allocate the transaction price to the contract's performance obligations; and (5) recognize revenue when (or as) the entity satisfies a performance obligation. The new standard may be applied retrospectively to each prior period presented or in a modified retrospective approach in which the cumulative effect will be recognized as of the date of adoption.

In August 2015, the FASB issued Accounting Standards Update No. 2015-14, which defers the effective date of the new guidance by one year such that the new provisions will now be required for annual reporting periods beginning after December 15, 2017. The Company is currently evaluating the impact of adopting the new revenue standard on its consolidated financial statements.

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In January 2016, the FASB issued Accounting Standards Update No. 2016-01, Financial Instruments-Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities ("ASU 2016-01"). The standard addresses certain aspects of recognition, measurement, presentation, and disclosure of financial instruments. ASU 2016-01 is effective for fiscal years, and interim periods within those years, beginning after December 15, 2017. The Company is currently evaluating the impact of adopting the new standard on its consolidated financial statements.

## 3. Marketable Securities

The FASB ASC topic entitled Fair Value Measurements and Disclosures defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (exit price). The accounting guidance classifies the inputs used to measure fair value into the following hierarchy:

Level 1 Unadjusted quoted prices in active markets for identical assets or liability

Level Observable inputs for the asset or liability, either directly or indirectly, such as quoted prices for similar assets 2 or liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, or inputs other than quoted prices that are observable for the asset or liability

Level 3 Unobservable inputs for the asset or liability

The Company endeavors to utilize the best available information in measuring fair value. Financial assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. The valuation methods used by the Company for each significant class of investments are summarized below.

Mortgage-backed securities, corporate bonds and obligations of states and political subdivisions - Valued based on prices obtained from an independent pricing vendor using both market and income approaches. The primary inputs to the valuation include quoted prices for similar assets in active markets, quoted prices for identical or similar assets in markets that are not active, contractual cash flows, benchmark yields, and credit spreads.

Common stocks - Valued at the closing price reported on the active market on which the individual securities are traded.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Company believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

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Available for sale securities measured at estimated fair value on a recurring basis are summarized below:

|  | Fair Value Measurements as <br>  <br> of December 26, 2015 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | Total |  | Level 1 | Level 2 | Level 3 |
| U.S. Treasury securities | $\$ 27,731$ | $\$$ | - | $\$ 27,731$ | $\$$ |
| Agency securities | 208,631 |  | - | 208,631 |  |
| Mortgage-backed securities | 370,232 | - | 370,232 | - |  |
| Corporate securities | 648,590 | - | 648,590 | - |  |
| Municipal securities | 223,562 | - | 223,562 | - |  |
| Other | 79,802 |  | - | 79,802 | - |
| Total | $\$ 1,558,548$ | $\$$ | - | $\$ 1,558,548$ | $\$$ |


|  | Fair Value Measurements as <br> of December 27, 2014 (1) |  |  |  |  |
| :--- | :--- | :---: | :--- | :--- | :--- |
|  | Total | Level 1 | Level 2 | Level 3 |  |
| U.S. Treasury securities | $\$ 30,144$ | $\$$ | - | $\$ 30,144$ | $\$$ |
| Agency securities | 428,320 |  | - | 428,320 |  |
| Mortgage-backed securities | 324,307 | - | 324,307 | - |  |
| Corporate securities | 594,402 | - | 594,402 | - |  |
| Municipal securities | 125,410 | - | 125,410 | - |  |
| Other | 72,750 |  | - | 72,750 | - |
| Total | $\$ 1,575,333$ | $\$$ | - | $\$ 1,575,333$ | $\$$ |

${ }^{(1)}$ Certain available-for-sale securities held as of December 27, 2014 have been reclassified among major security types to conform to the current year presentation. These reclassifications had no effect on fair value measurement.

Marketable securities classified as available-for-sale securities are summarized below:

Available-For-Sale Securities as
of December 26, 2015

|  | Amortized Cost |  | oss Unrealized ins | Gross <br> Unrealized <br> Losses- OTTI |  | Gross Unrealized <br> Losses- Other ${ }^{(2)}$ |  | Estimated Fair <br> Value (Net <br> Carrying <br> Amount) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| U.S. Treasury securities | \$27,772 | \$ | 27 | \$ |  | \$ (68 | ) | \$ 27,731 |
| Agency securities | 211,248 |  | 105 | (2,409 | ) | (313 | ) | 208,631 |
| Mortgage-backed securities | 376,801 |  | 191 | (1,210 | ) | (5,550 | ) | 370,232 |


| Corporate securities | 656,447 | 179 | $(1,635$ | $)$ | $(6,401$ | ) |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Municipal securities | 223,991 | 636 | $(9) 590$ |  |  |  |
| Other | 79,853 | 4 | $(14$ | $)$ | $(1,056$ | $(41$ |
| Total | $\$ 1,576,112$ | $\$ 1,142$ | $\$(5,277$ | $)$ | $\$(13,429$ | 79,562 |

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|  | Available-For-Sale Securities as of December 27, $2014{ }^{(3)}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amortized <br> Cost |  | oss Unrealized ins |  | oss <br> nrealized <br> Losses- OTTI ${ }^{(1)}$ |  | oss Unrealized osses- Other ${ }^{(2)}$ | Estimated Fair <br> Value (Net <br> Carrying <br> Amount) |
| U.S. Treasury securities | \$30,185 | \$ | 26 | \$ | (25 | ) \$ | (42 | \$ 30,144 |
| Agency securities | 436,817 |  | 169 |  | (8,259 | ) | (407 | 428,320 |
| Mortgage-backed securities | 329,048 |  | 580 |  | (1,813 | ) | (3,508 | 324,307 |
| Corporate securities | 600,674 |  | 689 |  | (2,874 | ) | (4,087 | 594,402 |
| Municipal securities | 125,183 |  | 497 |  | (48 | ) | (222 | 125,410 |
| Other | 72,857 |  | 59 |  | (12 | ) | (154 | 72,750 |
| Total | \$1,594,764 | \$ | 2,020 |  | (13,031 | ) \$ | (8,420 | ) \$ 1,575,333 |

(1)

Represents impairment not related to credit for those investment securities that have been determined to be other-than-temporarily impaired.
Represents unrealized losses on investment securities that have not been determined to be other-than-temporarily
(2) impaired.
Certain available-for-sale securities held as of December 27, 2014 have been reclassified among major security ${ }^{(3)}$ types to conform to the current year presentation. These reclassifications had no effect on fair value measurement.

The Company's investment policy requires investments to be rated A or better with the objective of minimizing the potential risk of principal loss. The fair value of our securities varies from period to period due to changes in interest rates, in the performance of the underlying collateral and in the credit performance of the underlying issuer, among other factors. The Company does not intend to sell the securities that have an unrealized loss shown in the table above and it is not more likely than not that the Company will be required to sell the investment before recovery of their amortized costs bases, which may be maturity.

The Company recognizes the credit component of other-than-temporary impairments of debt securities in "Other Income" and the noncredit component in "Other comprehensive income (loss)" for those securities that we do not intend to sell and for which it is not more likely than not that we will be required to sell before recovery. In 2013, the Company experienced unrealized, noncredit losses on its investment portfolio resulting in gross other-than-temporary impairment and other unrealized losses on marketable securities. During 2014 and 2015, the Company did not record any material impairment changes on its outstanding securities.

The amortized cost and estimated fair value of the securities at an unrealized loss position at December 26, 2015 were $\$ 1,299,856$ and $\$ 1,281,150$, respectively. Approximately $63.6 \%$ of securities in the Company's portfolio were at an unrealized loss position at December 26, 2015. We have the ability to hold these securities until maturity or their value is recovered. We do not consider these unrealized losses to be other than temporary credit losses because there has been no deterioration in credit quality and no change in the cash flows of the underlying securities. The Company does not intend to sell the securities and it is not more likely than not that the Company will be required to sell the

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securities; therefore, no impairment has been recorded in the accompanying condensed consolidated statement of income.

The cost of securities sold is based on the specific identification method.

The following table displays additional information regarding gross unrealized losses and fair value by major security type for available-for-sale securities in an unrealized loss position:


## As of December 27, 2014 ${ }^{(1)}$

| Less than 12 | 12 Consecutive Months or Longer |  |  |
| :---: | :---: | :---: | :---: |
| Consecutive Months |  |  |  |
| Gross | Gross |  |  |
| Unrealizefair Value | Unrealized |  | Fair Value |
| Losses | Losses |  |  |
| \$(42 ) \$ 18,822 | \$ (25 | ) | \$ 6,634 |
| (397 ) 64,862 | (8,269 | ) | 312,139 |
| $(2,169) \quad 187,309$ | (3,152 | ) | 99,566 |
| $(4,058) \quad 373,925$ | (2,903 | ) | 114,076 |
| (222 ) 29,533 | (48 | ) | 15,019 |
| (154 ) 29,977 | (12 | ) | 3,091 |
| \$(7,042) \$ 704,428 | \$ (14,409 |  | \$ 550,525 |

(1) Certain available- for-sale securities held as of December 27, 2014 have been reclassified amount major security ${ }^{1)}$ types to confirm to the current year presentation. These reclassifications had no effect on fair value measurement.

The amortized cost and estimated fair value of marketable securities at December 26, 2015, by contractual maturity, are shown below. Expected maturities will differ from contractual maturities because the issuers of the securities may have the right to prepay obligations without prepayment penalties.

|  | Cost | Estimated <br> Fair Value |
| :--- | :--- | :--- | :--- |
|  | $\$ 215,143$ | $\$ 215,161$ |
| Due in one year or less | lear |  |
| Due after one year through five years | $1,179,753$ | $1,167,026$ |
| Due after five years through ten years | 112,256 | 108,923 |

Due after ten years 68,960 67,438

## 4. Commitments and Contingencies

Rental expense related to office, equipment, warehouse space and real estate amounted to $\$ 18,104, \$ 19,559$ and $\$ 18,721$ for the years ended December 26, 2015, December 27, 2014, and December 28, 2013, respectively. The Company recognizes rental expense on a straight-line basis over the lease term.

Future minimum lease payments are as follows:

| Year | Amount |
| :--- | :---: |
| 2016 | $\$ 16,621$ |
| 2017 | 12,091 |
| 2018 | 9,849 |
| 2019 | 6,963 |
| 2020 | 5,323 |
| Thereafter | 14,182 |
| Total | $\$ 65,029$ |

Certain cash balances of GEL and GC are held as collateral by banks securing payment of local value-added tax requirements. The total amount of restricted cash balances were $\$ 259$ and $\$ 308$ at December 26, 2015 and December 27, 2014, respectively.

The Company is party to certain commitments, which include purchases of raw materials, advertising expenditures, investments in certain low income housing tax credit projects, and other indirect purchases in connection with conducting our business. The aggregate amount of purchase orders and other commitments open as of December 26, 2015 was approximately $\$ 278,327$. We cannot determine the aggregate amount of such purchase orders that represent contractual obligations because purchase orders may represent authorizations to purchase rather than binding agreements. Our purchase orders are based on our current needs and are typically fulfilled within short periods of time.

In the normal course of business, the Company and its subsidiaries are parties to various legal claims, investigations, and complaints, including matters involving patent infringement and other intellectual property claims. The Company evaluates, on a quarterly basis, developments in legal proceedings, investigations or claims that could affect the amount of any accrual or disclosure. The assessment regarding whether a loss is probable or a reasonable possibility, and whether the loss or a range of loss is estimable, often involves a series of complex judgments about future events.

Management of the Company currently does not believe there is at least a reasonable possibility the Company may have incurred a material loss, or a material loss in excess of recorded accruals, with respect to loss contingencies individually and in the aggregate, for the fiscal year ended December 26, 2015. The results of legal proceeding, investigations and claims, however, cannot be predicted with certainty. Although management considers the likelihood to be remote, an adverse resolution of one of more of such matters in excess of management's expectations could have a material adverse effect on the Company's results of operations in a particular quarter or fiscal year.

The Company settled or resolved certain matters during the fiscal year ended December 26, 2015 that did not individually or in the aggregate have a material impact on the Company's financial condition or results of operations.

## 5. Employee Benefit Plans

GII and the Company's other U.S.-based subsidiaries sponsor a defined contribution employee retirement plan under which their employees may contribute up to $50 \%$ of their annual compensation subject to Internal Revenue Code maximum limitations and to which the subsidiaries contribute a specified percentage of each participant's annual compensation up to certain limits as defined in the retirement plan. Additionally, GEL has a defined contribution plan under which its employees may contribute up to $7.5 \%$ of their annual compensation. In both the plans described above, the subsidiaries contribute an amount determined annually at the discretion of the Board of Directors. During the years ended December 26, 2015, December 27, 2014 and December 28, 2013, expense related to these and other defined contribution plans of $\$ 37,489, \$ 29,267$ and $\$ 26,839$, respectively, was charged to operations.

Certain of the Company's foreign subsidiaries participate in local defined benefit pension plans. Contributions are calculated by formulas that consider final pensionable salaries. Neither obligations nor contributions for the years ended December 26, 2015, December 27, 2014 and December 28, 2013, were significant.

## 6. Income Taxes

The Company's income tax provision (benefit) consists of the following:

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## Fiscal Year Ended

| December <br> 26, | December 27, | December 28, |
| :--- | :---: | :---: |
| 2015 | 2014 | 2013 |


| Federal: |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Current | $\$ 49,138$ | $\$(18,665$ | $)$ | $\$(11,907$ |
| Deferred | 4,216 | 58,164 | 1,913 |  |
|  | 53,354 | 39,499 | $(9,994$ | $)$ |
| State: |  |  |  |  |
| Current | 9,354 | 5,575 | 2,584 |  |
| Deferred | $(5,858$ | 4,368 | $(408$ | $)$ |
|  | 3,496 | 9,943 | 2,176 |  |
| Foreign: |  |  |  |  |
| Current | 55,730 | 287,197 | 37,094 |  |
| Deferred | $(1,620$ | 22,895 | 11,870 |  |
|  | 54,110 | 310,092 | 48,964 |  |
| Total | $\$ 110,960$ | $\$ 359,534$ | $\$ 41,146$ |  |

The income tax provision differs from the amount computed by applying the U.S. statutory federal income tax rate to income before taxes. The sources and tax effects of the differences, including the impact of establishing tax contingency accruals, are as follows:

|  | Fiscal Year Ended |  |  |
| :---: | :---: | :---: | :---: |
|  | December 26, | December 27, | December 28, |
|  | 2015 | 2014 | 2013 |
| Federal income tax expense at U.S. statutory rate | \$198,516 | \$ 253,260 | \$ 229,420 |
| State income tax expense, net of federal tax effect | 1,931 | 6,463 | 1,414 |
| Foreign tax rate differential | $(100,010)$ | (154,338 | ) $(121,279$ |
| Taiwan tax holiday benefit | (3,488 ) | (3,147 | ) $(4,944$ |
| Other foreign taxes less incentives and credits | (8,592 ) | 5,947 | (2,032 |
| Withholding Tax | 16,969 | 21,039 | 7,073 |
| Intercompany Restructuring | 0 | 307,635 | - |
| Net change in uncertain tax positions | 21,246 | (67,231 | ) (50,700 ) |
| U.S. federal domestic production activities deduction | (4,589 ) | (3,606 | ) (3,550 ) |
| U.S. federal research and development credit | (8,573 ) | (8,373 | ) $(14,876$ |
| Other, net | (2,450 ) | 1,885 | 620 |
| Income tax expense | \$110,960 | \$ 359,534 | \$ 41,146 |

In the third quarter of 2014, the Company initiated an inter-company restructuring that realigned our corporate entity structure. This change in corporate structure provides access to historical earnings that were previously permanently reinvested and allows us to efficiently repatriate future earnings. As a result of the change in corporate structure, Garmin recorded tax expense of $\$ 307,635$. Approximately $\$ 263,000$ of this amount has been paid. The remainder of
the accrued tax is expected to be paid incrementally as the cash is repatriated.

The holding company statutory federal income tax rate in Switzerland, the Company's place of incorporation since the Redomestication effective June 27, 2010, is $7.83 \%$. If the Company reconciled taxes at the Swiss holding company federal statutory tax rate to the reported income tax for 2015 as presented above, the amounts related to tax at the statutory rate would be $\$ 154,000$ lower, or $\$ 44,000$, and the foreign tax rate differential would be adjusted by a similar amount to $\$ 52,000$. For 2014, the amounts related to tax at the statutory rate would be approximately $\$ 197,000$ lower, or $\$ 57,000$, and the foreign tax rate differential would be adjusted by a similar amount to approximately $\$ 44,000$. For 2013, the amount related to tax at the statutory rate would be approximately $\$ 178,000$ lower, or $\$ 51,000$, and the foreign tax differential would be reduced by a similar amount to approximately $\$ 64,000$. All other amounts would remain substantially unchanged.

The Company's income before income taxes attributable to non-U.S. operations was $\$ 403,242, \$ 546,790$, and $\$ 502,423$, for the years ended December 26, 2015, December 27, 2014, and December 28, 2013, respectively. The Taiwan tax holiday benefits included in the table above reflect $\$ 0.02, \$ 0.02$, and $\$ 0.03$ per weighted-average common share outstanding for the years ended December 26, 2015, December 27, 2014, and December 28, 2013, respectively. The Company currently expects to benefit from these Taiwan tax holidays through 2017, at which time these tax benefits will likely expire.

Income taxes of $\$ 21,085, \$ 20,606$, and $\$ 307,990$ at December 26, 2015, December 27, 2014, and December 28, 2013, respectively, have not been accrued by the Company for the unremitted earnings of several of its foreign subsidiaries because such earnings are intended to be reinvested in the subsidiaries indefinitely. These balances decreased in 2014 as a result of the inter-company restructuring which reduced the amount of earnings reinvested in the subsidiaries indefinitely.

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. Significant components of the Company's deferred tax assets and liabilities are as follows:

|  | December 26, <br> 2015 | December 27, <br> 2014 |
| :--- | :--- | :--- |
| Deferred tax assets: | $\$ 2,990$ | $\$ 3,560$ |
| Product warranty accruals | 10,323 | 9,111 |
| Allowance for doubtful accounts | 10,904 | 8,161 |
| Inventory reserves | 1,783 | 1,081 |
| Sales program allowances | 1,457 | - |
| Reserve for sales returns | 10,799 | 11,058 |
| Other accruals | 35,360 | 38,265 |
| Stock option compensation | 3,906 | 2,726 |
| Tax credit carryforwards | 20,005 | 21,595 |
| Amortization | 32,809 | 43,644 |
| Deferred revenue | 5,228 | 12,456 |
| Net operating losses of subsidiaries | 5,546 | 4,246 |
| Benefit related to uncertain tax positions | 4,106 | 3,485 |
| Other | 2,781 | $(11,358$ |
| Valuation allowance related to loss carryforward and tax credits | 142,435 | 148,030 |
|  |  |  |
| Deferred tax liabilities: | 18,029 | 16,192 |
| Depreciation | $-, 2,821$ | 419 |
| Reserve for sales returns | 1,307 | 3,283 |
| Prepaid expenses | 3,198 | 6,099 |
| Book basis in excess of tax basis for acquired entities |  |  |

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| Withholding tax | 54,865 | 50,561 |
| :--- | :--- | :--- |
| Other | 1,907 | 2,448 |
|  | 82,127 | 81,386 |
| Net deferred tax assets | $\$ 60,308$ | $\$ 66,644$ |

The stock options outstanding related to the deferred tax asset of $\$ 35,360$ will begin to expire over the next several years. Given the exercise price of the options expiring over the next 12 months compared to the current market price it is possible that these options will expire unexercised, resulting in a potential write-off of $\$ 6,000$ that would reduce the deferred tax asset and reduce equity.

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In November 2015, the FASB issued Accounting Standards Update No. 2015-17, Balance Sheet Classification of Deferred Taxes ("ASU 2015-17"), requiring all deferred tax assets and liabilities, and any related valuation allowance, to be classified as non-current on the balance sheet, which simplifies the presentation of deferred income taxes. The standard is effective for financial statements issued for annual periods beginning after December 15, 2016, and interim periods within those annual periods. Early adoption is permitted, and the Company elected to prospectively adopt the accounting standard as of December 26, 2015. Prior periods in our Consolidated Financial Statements were not retrospectively adjusted.

At December 26, 2015, the Company had \$3,906 of tax credit carryover compared to \$2,726 at December 27, 2014. The surtax credit carryover from 2013 of $\$ 52,618$ was adjusted and subsequently fully utilized in 2014 upon the execution of the inter-company restructuring. In turn, the entire valuation allowance regarding the surtax credit was released.

At December 26, 2015, the Company had a deferred tax asset of $\$ 5,228$ related to the future tax benefit on net operating loss (NOL) carryforwards of $\$ 19,580$. Included in the NOL carryforwards is $\$ 7,092$ that relates to Spain and expires in varying amounts between 2022 and 2027, $\$ 338$ that relates to Switzerland and expires in 2022, \$4,238 related to the Netherlands and expires in varying amounts between 2017 and 2022, \$1,317 that relates to Finland and expires in 2025, $\$ 1,300$ that relates to the United States and expires in 2035, and $\$ 5,295$ that relates to various other jurisdictions and has no expiration date. The Company has recorded a valuation allowance for a portion of its deferred tax asset relating to various tax attributes that it does not believe are more likely than not to be realized. In the future, if the Company determines, based on existence of sufficient evidence, that it should realize more or less of its deferred tax assets, an adjustment to the valuation allowance will be made in the period such a determination is made.

The total amount of gross unrecognized tax benefits as of December 26, 2015 was $\$ 97,904$. A reconciliation of the beginning and ending amount of gross unrecognized tax benefits for years ended December 26, 2015, December 27, 2014, and December 28, 2013 is as follows:

|  | $\begin{aligned} & \text { December 26, } \\ & 2015 \end{aligned}$ | $\text { December } 27$ | $\begin{aligned} & \text { December } 28 \text {, } \\ & 2013 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Balance at beginning of year | \$ 77,495 | \$ 133,015 | \$ 182,870 |
| Additions based on tax positions related to prior years | 89 | 2,889 | 2,668 |
| Reductions based on tax positions related to prior years | (1,671 | ) $(60,967$ | (8,195 |
| Additions based on tax positions related to current period | 29,019 | 39,115 | 30,262 |
| Reductions related to settlements with tax authorities | (364 | ) (401 | ) (416 |
| Expiration of statute of limitations | (6,664 | ) $(36,156$ | ) $(74,174$ |
| Balance at end of year | \$ 97,904 | \$ 77,495 | \$ 133,015 |

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Accounting guidance requires unrecognized tax benefits to be classified as non-current liabilities, except for the portion that is expected to be paid within one year of the balance sheet date. The entire balance of net unrecognized benefits of $\$ 93,654, \$ 74,205$ and $\$ 125,918$ are required to be classified as non-current at December 26, 2015, December 27, 2014, and December 28, 2013, respectively. The net unrecognized tax benefits, if recognized, would reduce the effective tax rate. None of the unrecognized tax benefits are due to uncertainty in the timing of deductibility.

Interest and penalties, if any, accrued on the unrecognized tax benefits are reflected in income tax expense. At December 26, 2015, December 27, 2014, and December 28, 2013, the Company had accrued approximately $\$ 2,479$, $\$ 2,159$, and $\$ 5,111$, respectively, for interest. The interest component of the reserve increased (decreased) income tax expense for the years ending December 26, 2015, December 27, 2014, and December 28, 2013 by $\$ 320,(\$ 2,953)$, and $(\$ 3,111)$, respectively. The Company had no amounts accrued for penalties as the nature of the unrecognized tax benefits, if recognized, would not warrant the imposition of penalties.

The Company files income tax returns in Switzerland and U.S. federal jurisdictions, as well as various state, local and foreign jurisdictions. With few exceptions, the Company is no longer subject to U.S. federal, state, or local tax examinations by tax authorities for years 2012 and prior. The Company is no longer subject to Taiwan income tax examinations by tax authorities for years 2009 and prior. The Company is no longer subject to United Kingdom tax examinations by tax authorities for years 2012 and prior. The Company is subject to Switzerland income tax examinations by tax authorities for years 2011 through 2015.

The Company recognized a reduction of income tax expense of $\$ 6,971, \$ 83,006$, and $\$ 74,217$ in fiscal years ended December 26, 2015, December 27, 2014, and December 28, 2013, respectively, to reflect the expiration of statutes of limitations and releases due to audit settlement in various jurisdictions.

The Company believes that it is reasonably possible that approximately $\$ 5,000$ to 10,000 of its reserves for certain unrecognized tax benefits will decrease within the next 12 months as the result of the expiration of statutes of limitations. This potential decrease in unrecognized tax benefits would impact the Company's effective tax rate within the next 12 months

## 7. Fair Value of Financial Instruments

As required by the Financial Instruments topic of the FASB ASC, the following summarizes required information about the fair value of certain financial instruments for which it is currently practicable to estimate such value. None of the financial instruments are held or issued for trading purposes. The carrying amounts and fair values of the Company's financial instruments are as follows:

|  | December 26, 2015 |  | December 27, 2014 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Carrying | Fair | Carrying | Fair |
|  | Amount | Value | Amount | Value |
| Cash and cash equivalents | \$833,070 | \$833,070 | \$ 1,196,268 | \$1,196,268 |
| Restricted cash | 259 | 259 | 308 | 308 |
| Marketable securities | 1,558,548 | 1,558,548 | 1,575,333 | 1,575,333 |

For certain of the Company's financial instruments, including accounts receivable, loan receivable, accounts payable and other accrued liabilities, the carrying amounts approximate fair value due to their short maturities.

## 8. Segment Information

The Company has identified five reportable segments for external reporting purposes - auto, aviation, marine, outdoor and fitness. There are two operating segments (auto PND and auto OEM) that are not reported separately but aggregated within the auto reportable segment. Each operating segment is individually reviewed and evaluated by the Chief Operating Decision Maker (CODM), who allocates resources and assesses performance of each segment individually.

All of the Company's reportable segments offer products through the Company's network of independent dealers and distributors as well as through OEMs. However, the nature of products and types of customers for the five reportable segments vary. The Company's marine, auto, outdoor, and fitness segments include portable global positioning system (GPS) receivers and accessories sold primarily to retail outlets. These products are produced primarily by the Company's subsidiary in Taiwan. The Company's aviation products are portable and panel mount avionics for Visual Flight Rules and Instrument Flight Rules navigation and are sold primarily to aviation dealers and certain aircraft manufacturers.

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The Company's Chief Executive Officer has been identified as the CODM. In 2015, the measure of segment profit or loss used by the CODM to assess segment performance and allocate resources changed from income before income taxes to operating income. This change did not impact the measurement methods used to determine reported segment profit or loss in the years ended December 26, 2015 and December 27, 2014. Operating income represents net sales less costs of goods sold and operating expenses, including certain allocated general and administrative costs. The accounting policies of the reportable segments are the same as those described in the summary of significant accounting policies. There are no inter-segment sales or transfers.

The Company's reportable segments share many common resources, infrastructures and assets in the normal course of business. Thus, the Company does not report accounts receivable, inventories, property and equipment, intangible assets, or capital expenditures by segment to the CODM.

Revenues, gross profit, and operating income for each of the Company's reportable segments are presented below:

## Reportable Segments

| 52-Weeks Ended December 26, 2015 | Outdoor | Fitness | Marine | Auto | Aviation | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Net sales | $\$ 425,150$ | $\$ 661,599$ | $\$ 286,778$ | $\$ 1,048,125$ | $\$ 398,618$ | $\$ 2,820,270$ |
| Gross profit | 259,889 | 366,139 | 158,493 | 459,469 | 294,714 | $1,538,704$ |
| Operating income | 140,200 | 134,574 | 28,611 | 134,939 | 111,257 | 549,581 |

52-Weeks Ended December 27, 2014

Net sales $\quad \$ 427,555 \quad \$ 568,440 \quad \$ 248,371 \quad \$ 1,240,377 \quad \$ 385,915 \quad \$ 2,870,658$
$\begin{array}{lllllll}\text { Gross profit } & 266,550 & 358,287 & 129,710 & 569,452 & 280,413 & 1,604,412\end{array}$
$\begin{array}{lllllll}\text { Operating income } & 151,055 & 190,682 & 26,232 & 215,679 & 106,978 & 690,626\end{array}$

52-Weeks Ended December 28, 2013

Net sales $\quad \$ 410,989 \quad \$ 356,283 \quad \$ 222,928 \quad \$ 1,302,314 \quad \$ 339,337 \quad \$ 2,631,851$
Gross profit $\quad 262,529 \quad 222,925 \quad 115,091 \quad 565,083 \quad 241,672 \quad 1,407,300$
$\begin{array}{lllllll}\text { Operating income } & 159,197 & 120,250 & 18,493 & 188,517 & 87,575 & 574,032\end{array}$

Net sales, long-lived assets (property and equipment), and net assets by geographic area are as shown below for the years ended December 26, 2015, December 27, 2014 and December 28, 2013. Note that APAC refers to the Asia Pacific region, and EMEA includes Europe, the Middle East and Africa.

## Americas APAC EMEA Total

December 26, 2015
Net sales to external customers ${ }^{(1)}$ \$1,469,243 \$337,888 \$1,013,139 \$2,820,270
$\begin{array}{lllll}\text { Property and equipment, net } & 294,234 & 111,701 & 40,154 & 446,089\end{array}$
$\begin{array}{lllll}\text { Net assets }{ }^{(2)} & 2,110,108 & 921,410 & 313,608 & 3,345,126\end{array}$
December 27, 2014
$\begin{array}{lcccc}\text { Net sales to external customers }{ }^{(1)} & \$ 1,538,322 & \$ 278,092 & \$ 1,054,244 & \$ 2,870,658 \\ \text { Property and equipment, net } & 269,858 & 111,464 & 49,565 & 430,887 \\ \text { Net assets }{ }^{(2)} & 2,142,624 & 939,852 & 320,891 & 3,403,367 \\ & & & & \\ \text { December 28, 2013 } & & & & \\ \text { Net sales to external customers }^{(1)} & \$ 1,432,895 & \$ 243,056 & \$ 955,900 & \$ 2,631,851 \\ \text { Property and equipment, net } & 239,528 & 121,012 & 54,308 & 414,848 \\ \text { Net assets }^{(2)} & 1,338,401 & 2,048,903 & 272,402 & 3,659,706\end{array}$
${ }^{(1)}$ The U.S. is the only country which constitutes greater than $10 \%$ of net sales to external customers.
${ }^{(2)}$ Americas and APAC net assets are primarily held in the United States and Taiwan, respectively.

## 9. Stock Compensation Plans

Accounting for Stock-Based Compensation

The various Company stock compensation plans are summarized below. For all stock compensation plans, the company's policy is to issue treasury shares for option/stock appreciation right (SAR) exercises, restricted stock unit (RSU) releases and employee stock purchase plan (ESPP) purchases.

## 2011 Non-employee Directors' Equity Incentive Plan

In June 2011, the stockholders adopted an equity incentive plan for non-employee directors (the "2011 Directors Plan") providing for grants of stock options, SARs, RSUs and/or performance shares, pursuant to which up to 122,592 shares were available for issuance. The term of each award cannot exceed ten years. Awards may vest over a minimum two-year period. In 2015, 2014, and 2013, 12,008, 7,120, and 11,484, restricted stock units were granted under this plan.

## 2005 Equity Incentive Plan

In June 2005, the shareholders adopted an equity incentive plan (the "2005 Plan") providing for grants of incentive and nonqualified stock options, SARs, RSUs and/or performance shares to employees of the Company and its subsidiaries, pursuant to which up to $10,000,000$ common shares were available for issuance. In 2013, the shareholders approved an additional $3,000,000$ shares to the plan, making the total shares authorized under the plan 13,000,000. Option and SAR grants vest evenly over a period of five years or as otherwise determined by the Board of Directors or the Compensation Committee and generally expire ten years from the date of grant, if not exercised. RSUs granted prior to December 10, 2012 vested or are vesting evenly over a period of five years, while RSUs granted on and after that date vest evenly over a period of three years. In addition to time-based vesting requirements, the vesting of certain RSU grants is also contingent upon the achievement of certain revenue and profitability goals. During 2015, 2014, and 2013, $1,171,905,425,347$, and 413,978 RSUs were granted under the 2005 Plan. No SARs were granted under the 2005 Plan in 2015. During 2014 and 2013, 47,095 and 52,673 SARs were granted under the 2005 plan.

## 2000 Equity Incentive Plan

In October 2000, the shareholders adopted an equity incentive plan (the "2000 Plan") providing for grants of incentive and nonqualified stock options, SARs, RSUs and/or performance shares to employees of the Company and its subsidiaries, pursuant to which up to $7,000,000$ common shares were available for issuance. The stock options and SARs vest evenly over a period of five years or as otherwise determined by the Board of Directors or the Compensation Committee and generally expire ten years from the date of grant, if not exercised. The Company did not grant any stock awards from the 2000 Plan in 2015, 2014, or 2013.

## 2000 Non-employee Directors' Option Plan

Also in October 2000, the stockholders adopted a stock option plan for non-employee directors (the "2000 Directors Plan") providing for grants of options for up to 100,000 common shares. In 2009, the stockholders approved an additional 150,000 shares to the plan, making the total shares authorized under the plan 250,000. The term of each award is ten years. All awards vest evenly over a three-year period. Following the June 2011 approval of the 2011 Directors Plan, the Company will no longer issue options to purchase shares under this plan.

## Stock-Based Compensation Activity

A summary of the Company's stock-based compensation activity and related information under the 2011 Directors Plan, the 2005 Plan, the 2000 Plan and the 2000 Directors Plan for the years ended December 26, 2015, December 27, 2014 and December 28, 2013 is provided below:

|  | $\begin{array}{l}\text { Stock Options and SARs } \\ \text { Weighted-Average } \\ \text { Exercise } \\ \text { Price }\end{array}$ |  |
| :--- | :--- | :--- | \(\left.\begin{array}{l}Number of Shares <br>

(In Thousands)\end{array}\right)\)

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| Exercised | $\$ 40.60$ | $(1,430$ | $(125$ |
| :--- | :--- | :--- | :--- |
| Forfeited/Expired | $\$ 80.49$ | 4,731 |  |
| Outstanding at December 27, 2014 | $\$ 63.19$ | 0 | $(474$ |
| Granted | $\$ 29.15$ | $(196$ | 4,061 |
| Exercised | $\$ 70.58$ |  |  |
| Forfeited/Expired | $\$ 66.80$ | 3,970 |  |
| Outstanding at December 26, 2015 | $\$ 67.23$ | 91 |  |
| Exercisable at December 26, 2015 | $\$ 47.92$ |  |  |


| Stock Options and SARs as of December 26, 2015 |  |  |  |
| :---: | :---: | :---: | :---: |
| Exercise | Awards | Remaining | Awards |
| Price | Outstanding | Life (Years) | Exercisable |
|  | (In |  | (In |
|  | Thousands) |  | Thousands) |
| \$18.00-\$40.00 | 60 | 4.65 | 49 |
| \$40.01-\$60.00 | 1,998 | 1.86 | 1,918 |
| \$60.01-\$80.00 | 977 | 1.44 | 977 |
| \$80.01-\$100.00 | 3 | 1.96 | 3 |
| \$100.01-\$120.00 | 1,021 | 1.93 | 1,021 |
| \$120.01-\$140.00 | 2 | 1.76 | 2 |
|  | 4,061 | 1.81 | 3,970 |


| Outstanding at December 29, 2012 | $\$ 30.06$ | 1,460 |  |
| :--- | :--- | :--- | :--- |
| Granted | $\$ 45.05$ | 425 |  |
| Released/Vested | $\$ 28.28$ | $(579$ | $)$ |
| Cancelled | $\$ 30.63$ | $(81$ | $)$ |
| Outstanding at December 28, 2013 | $\$ 37.36$ | 1,225 |  |
| Granted | $\$ 48.73$ | 432 |  |
| Released/Vested | $\$ 36.00$ | $(522$ | $)$ |
| Cancelled | $\$ 37.02$ | $(47$ | $)$ |
| Outstanding at December 27, 2014 | $\$ 42.55$ | 1,088 |  |
| Granted | $\$ 37.07$ | $\mathbf{1 , 1 8 4}$ |  |
| Released/Vested | $\$ \mathbf{4 0 . 1 8}$ | $\mathbf{( 5 6 2}$ | ) |
| Cancelled | $\$ \mathbf{4 2 . 0 2}$ | $\mathbf{5 3}$ | ) |
| Outstanding at December 26, 2015 | $\$ \mathbf{3 9 . 4 5}$ | $\mathbf{1 , 6 5 7}$ |  |

The weighted-average remaining contract life for stock options and SARs outstanding and exercisable at December 26,2015 is 1.81 and 1.67 years, respectively. The weighted-average remaining contract life of restricted stock units at December 26, 2015 was 1.54 years.

The fair value of awards is determined at the date of grant using a Black-Scholes option pricing model. The fair value of RSUs is calculated using the closing price of the Company's common stock on the date of grant, reduced by the present value of estimated dividends over the vesting period, which are not accrued. The fair value of stock options

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and SARs was calculated with the following weighted-average assumptions for 2014 and 2013. No options or SARs were granted in 2015.

| 2014 | 2013 |  |  |
| :--- | :--- | :--- | :--- |
| $\$ 12.42$ | $\$ 12.82$ |  |  |
| 0.3342 | 0.3746 |  |  |
| 3.57 | $\%$ | 3.86 | $\%$ |
| 6.8 |  | 6.8 |  |
| 1.9 | $\%$ | 2.1 | $\%$ |

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The Black-Scholes option valuation model was developed for use in estimating the fair value of traded options and SARs which have no vesting restrictions and are fully transferable. In addition, option valuation models require the input of highly subjective assumptions, including the expected stock price volatility.

The total fair value of awards vested during 2015, 2014, and 2013 was $\$ 23,351, \$ 19,127$, and $\$ 20,956$, respectively. The aggregate intrinsic values of options and SARs outstanding and exercisable at December 26, 2015 were $\$ 207$ and $\$ 207$, respectively. The aggregate intrinsic values of options and SARs exercised during 2015, 2014, and 2013 were $\$ 3,714, \$ 18,885$, and $\$ 13,114$ respectively. The aggregate intrinsic value of RSUs outstanding at December 26, 2015 was $\$ 61,259$. The aggregate intrinsic values of RSUs released during 2015, 2014, and 2013, were $\$ 20,787, \$ 28,119$, and $\$ 27,007$ respectively. Aggregate intrinsic value of options and SARs represents the applicable number of awards multiplied by the positive difference between the exercise price and the Company's closing stock price on the last trading day of the relevant fiscal period. Aggregate intrinsic value of RSUs represents the applicable number of awards multiplied by the Company's closing stock price on the last trading day of the relevant fiscal period. The Company's closing stock price was $\$ 36.98$ on December 26, 2015. As of December 26, 2015, there was $\$ 52,590$ of total unrecognized compensation cost related to unvested share-based compensation awards granted to employees under the stock compensation plans. That cost is expected to be recognized over the weighted average remaining vesting period.

## Employee Stock Purchase Plan

The shareholders also adopted an ESPP. Up to 6,000,000 shares of common stock have been reserved for the ESPP with shareholders approving an additional $2,000,000$ shares in June 2015. Shares will be offered to employees at a price equal to the lesser of $85 \%$ of the fair market value of the stock on the date of purchase or $85 \%$ of the fair market value on the first day of the ESPP period. The ESPP is intended to qualify as an "employee stock purchase plan" under Section 423 of the Internal Revenue Code. During 2015, 2014, and 2013, 488,753, 349,982, and 395,220, shares, respectively were purchased under the plan for a total purchase price of $\$ 16,789, \$ 14,634$, and $\$ 12,181$, respectively. During 2015, 2014, and 2013, the purchases were issued from treasury shares. At December 26, 2015, approximately $2,000,628$ shares were available for future issuance.

## 10. Earnings Per Share

The following table sets forth the computation of basic and diluted net income per share:

|  | Fiscal Year Ended <br> December <br> December <br> 27, |  | December <br> 28, |
| :--- | :--- | :--- | :--- |
| Numerator: | 2015 | 2014 | 2013 |

There were $4,087,2,240$ and 5,475 outstanding stock options, stock appreciation rights and restricted stock units (collectively "equity awards") excluded from the computation of diluted earnings per share for the fiscal years of 2015, 2014 and 2013, respectively, because the effect would have been anti-dilutive.

## 11. Share Repurchase Plan

On February 13, 2015, the Board of Directors approved a share repurchase program authorizing the Company to purchase up to $\$ 300,000$ of its common shares through December 31, 2016. Under the plan, the Company repurchased 3,148,901 shares using cash of \$131,413 in fiscal 2015.

On February 15, 2013, the Board of Directors approved a share repurchase program authorizing the Company to purchase up to $\$ 300,000$ of its common shares through December 31, 2014. Under the plan, the Company repurchased $1,376,500$ shares using cash of $\$ 58,422$ in fiscal 2013 and $4,369,360$ shares using cash of $\$ 241,578$ in fiscal 2014.

## 12. Accumulated Other Comprehensive Income

The following provides required disclosure of changes in accumulated other comprehensive income (AOCI) balances by component for the year ended December 26, 2015:
$\left.\begin{array}{lllll} & \begin{array}{l}\text { Foreign } \\ \text { Currency } \\ \text { Translation } \\ \text { Adjustment }\end{array} & \begin{array}{l}\text { Gross unrealized } \\ \text { losses on } \\ \text { available-for-sale } \\ \text { securities-OTTI } \\ (1)\end{array} & \begin{array}{l}\text { Net unrealized } \\ \text { gains (losses) } \\ \text { on } \\ \text { available-for-sale }\end{array} \\ \text { securities- }\end{array}\right]$
(1) Represents the change in impairment, not related to credit, for those investment securities that have been determined to be other-than-temporarily impaired.
(2) Represents the change in unrealized gains (losses) on investment securities that have not been determined to be other-than-temporarily impaired.

The following provides required disclosure of reporting reclassifications out of AOCI for the year ended December 26, 2015:

|  | Amount Reclassified <br> from | Accumulated Other <br> Comprehensive <br> Income |
| :--- | :--- | :--- |
| Details about Accumulated Other Comprehensive |  |  |
| Income Components |  |  |$\quad$| Affected Line Item in the Statement |
| :--- |
| Where Net Income is Presented |

## 13. Selected Quarterly Information (Unaudited)

|  | Fiscal Year Ended December 26, 2015 <br> Quarter Ending <br> March 28 |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  | $\$ 585,394$ | $\$ 773,830$ | $\$ 679,690$ | $\$ 781,358$ |
| Net sales | 344,122 | 419,250 | 362,190 | 413,143 |
| Gross profit | 66,793 | 137,753 | 119,299 | 132,383 |
| Net income | $\$ 0.35$ | $\$ 0.72$ | $\$ 0.63$ | $\$ 0.70$ |
| Basic net income per share |  |  |  |  |

Fiscal Year Ended December 27, 2014
Quarter Ending
March 29 June 28 September 27 December 27

| Net sales | $\$ 583,221$ | $\$ 777,848$ | $\$ 706,283$ | $\$ 803,306$ |
| :--- | ---: | ---: | :--- | ---: |
| Gross profit | 330,834 | 444,485 | 398,246 | 430,848 |
| Net income (loss) | 118,818 | 181,983 | $(146,834$ | 210,245 |
| Basic net income (loss) per share | $\$ 0.61$ | $\$ 0.94$ | $\$(0.76$ | $) \$ 1.10$ |

The above quarterly financial data is unaudited, but in the opinion of management, all adjustments necessary for a fair presentation of the selected data for these interim periods presented have been included. These results are not necessarily indicative of future quarterly results (the table may not foot due to rounding).

## 14. Subsequent Events

On January 13, 2016, Garmin International, Inc. acquired PulsedLight, Inc., a privately-held designer of optical distance measurement technology based in Bend, Oregon. This acquisition was not material.

On February 11, 2016, Garmin Ltd. announced the signing of a purchase agreement to acquire DeLorme, a privately-held company that designs and markets consumer based satellite tracking devices with two-way communication and navigational capabilities based in Yarmouth, Maine. This acquisition is not expected to be material.

In 2016, the Company plans to move action camera related revenues and expenses from the Outdoor segment to the Auto segment allowing for alignment and synergies with other camera-based efforts occurring within the Auto segment. The Company will recast 2014 and 2015 segment results on a quarterly basis for comparability purposes.

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

None.

## Item 9A. Controls and Procedures

(a) Conclusion Regarding the Effectiveness of Disclosure Controls and Procedures

Under the supervision and with the participation of our management, including the Chief Executive Officer and Chief Financial Officer, we have evaluated the effectiveness of the design and operation of our disclosure controls and procedures pursuant to Exchange Act Rule 13a-15(b) as of the end of the period covered by this report. Based on the evaluation, the Chief Executive Officer and Chief Financial Officer have concluded that these disclosure controls and procedures are effective.

## (b) Management's Report on Internal Control over Financial Reporting

Management of the Company is responsible for establishing and maintaining adequate internal control over financial reporting for the Company. 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. 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.

Management's assessment of and conclusion on the effectiveness of internal control over financial reporting are included as Exhibits 31.1, 31.2, 32.1 and 32.2.

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Management of the Company assessed the effectiveness of the Company's internal control over financial reporting as of December 26, 2015. In making this assessment, management used the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) in "Internal Control-Integrated Framework" (2013 framework).

Based on such assessment and those criteria, management believes that the Company maintained effective internal control over financial reporting as of December 26, 2015.

Ernst \& Young LLP, the independent registered public accounting firm that audited the Company's consolidated financial statements, issued an attestation report on management's effectiveness of the Company's internal control over financial reporting as of December 26, 2015, as stated in their report which is included herein. That attestation report appears below.

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(c) Attestation Report of the Independent Registered Public Accounting Firm

## Report of Independent Registered Public Accounting Firm

The Board of Directors and Shareholders of Garmin Ltd. and Subsidiaries

We have audited Garmin Ltd. and Subsidiaries' internal control over financial reporting as of December 26, 2015, 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). Garmin Ltd.'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

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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, Garmin Ltd. and Subsidiaries maintained, in all material respects, effective internal control over financial reporting as of December 26, 2015, 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 Garmin Ltd. and Subsidiaries as of December 26, 2015 and December 27, 2014, and the related consolidated statements of income, comprehensive income, shareholders' equity and cash flows for each of the three years in the period ended December 26, 2015 of Garmin Ltd. and Subsidiaries and our report dated February 17, 2016 expressed an unqualified opinion thereon.
/s/ Ernst \& Young LLP

Kansas City, Missouri
February 17, 2016

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## (d) Changes in Internal Control over Financial Reporting

There were no changes in our internal control over financial reporting during the quarter ended December 26, 2015 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

## Item 9B. Other Information

Not applicable.

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## PART III

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

Garmin has incorporated by reference certain information in response or partial response to the Items under this Part III of this Annual Report on Form 10-K pursuant to General Instruction G(3) of this Form 10-K and Rule 12b-23 under the Exchange Act. Garmin's definitive proxy statement in connection with its annual meeting of shareholders scheduled for June 10, 2016 (the "Proxy Statement") will be filed with the Securities and Exchange Commission no later than 120 days after December 26, 2015.
(a)

Directors of the Company

The information set forth in response to Item 401 of Regulation S-K under the headings "Proposal 1 - Election of Two Directors" and "The Board of Directors" in the Proxy Statement is hereby incorporated herein by reference in partial response to this Item 10.
(b)

Executive Officers of the Company

The information set forth in response to Item 401 of Regulation S-K under the heading "Executive Officers of the Registrant" in Part I of this Form 10-K is incorporated herein by reference in partial response to this Item 10.
(c)

Compliance with Section 16(a) of the Exchange Act

The information set forth in response to Item 405 of Regulation S-K under the heading "Section 16(a) Beneficial Ownership Reporting Compliance" in the Proxy Statement is hereby incorporated herein by reference in partial response to this Item 10.
(d)

Audit Committee and Audit Committee Financial Expert

The information set forth in response to Item 402 of Regulation S-K under the heading "The Board of Directors - Audit Committee" in the Proxy Statement is hereby incorporated herein by reference in partial response to this Item 10.

The Audit Committee consists of Joseph J. Hartnett, Charles W. Peffer and Thomas P. Poberezny. Mr. Peffer serves as the Chairman of the Audit Committee. All members of the Audit Committee are "independent" within the meaning of the rules of the SEC and the NASDAQ Marketplace Rules. Garmin's Board of Directors has determined that Mr. Hartnett and Mr. Peffer are "audit committee financial experts" as defined by the SEC regulations implementing Section 407 of the Sarbanes-Oxley Act of 2002.

## (e) <br> Code of Ethics

Garmin's Board of Directors has adopted the Code of Conduct of Garmin Ltd. and Subsidiaries (the "Code"). The Code is applicable to all Garmin employees including the President and Chief Executive Officer, the Chief Financial Officer, the Controller and other officers. A copy of the Code is available on Garmin's website at:
http://www8.garmin.com/aboutGarmin/invRelations/documents/Code_of_Conduct.pdf. If any amendments to the Code are made, or any waivers with respect to the Code are granted to the President and Chief Executive Officer, the Chief Financial Officer or Controller, or any person performing a similar function, such amendment or waiver will be disclosed on Garmin's website at:
http://www8.garmin.com/aboutGarmin/invRelations/documents/Code_of_Conduct.pdf.

## Item 11. Executive Compensation

The information set forth in response to Item 402 of Regulation S-K under the headings "Executive Compensation Matters" and "The Board of Directors - Non-Management Director Compensation" in the Proxy Statement is hereby incorporated herein by reference in partial response to this Item 11.

The information set forth in response to Item 407(e)(4) of Regulation S-K under the heading "The Board of Directors Compensation Committee Interlocks and Insider Participation; Certain Relationships" in the Proxy Statement is hereby incorporated herein by reference in partial response to this Item 11.

The information set forth in response to Item 407(e)(5) of Regulation S-K under the heading "Executive Compensation Matters - Report of Compensation Committee" in the Proxy Statement is hereby incorporated herein by reference in partial response to this Item 11.

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

The information set forth in response to Item 403 of Regulation S-K under the heading "Stock Ownership of Certain Beneficial Owners and Management" in the Proxy Statement is hereby incorporated herein by reference in partial response to this Item 12.

## Equity Compensation Plan Information

The following table gives information as of December 26, 2015 about the Garmin common shares that may be issued under all of the Company's existing equity compensation plans, as adjusted for stock splits.

|  | A | B | C |
| :--- | :--- | :--- | :--- |
| Plan Category | Number of securities to <br> be issued upon exercise <br> of outstanding options, <br> warrants and rights | Weighted-average <br> exercise price of <br> outstanding options, <br> warrants and rights | remaining available for <br> future issuance under equity |
| (excluding securities |  |  |  |
| (extected in column A) |  |  |  |


| Equity compensation plans approved by <br> shareholders | $5,717,171$ | $\$$ | 66.80 | $6,294,678$ |
| :--- | :--- | :--- | :--- | :--- |
| Equity compensation plans not <br> approved <br> by shareholders | - | - | - |  |
| Total | $5,717,171$ | $\$ 66.80$ | $6,294,678$ |  |

Table consists of the Garmin Ltd. 2005 Equity Incentive Plan (as Amended and Restated Effective June 5, 2010), the Garmin Ltd. 2000 Equity Incentive Plan, the Garmin Ltd. Amended and Restated 2000 Non-Employee Directors' Option Plan, effective June 5, 2010, the Garmin Ltd. Amended and Restated Employee Stock Purchase Plan, effective January 1, 2010 and the Garmin Ltd. 2011 Non-Employee Directors Equity Incentive Plan, effective June 3, 2011. The weighted-average exercise price does not reflect the shares that will be issued upon the payment of outstanding awards of RSUs.

The Company has no knowledge of any arrangement, the operation of which may at a subsequent date result in a change in control of the Company.

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

The information set forth in response to Item 404 of Regulation S-K under the heading "Compensation Committee Interlocks and Insider Participation; Certain Relationships" in the Proxy Statement is incorporated herein by reference in partial response to this Item 13.

The information set forth in response to Item 407(a) of Regulation S-K under the headings "Proposal One- Election of Two Directors" and "The Board of Directors" in the Proxy Statement is hereby incorporated herein by reference in partial response to this Item 13.

## Item 14. Principal Accounting Fees and Services

The information set forth under the headings "Audit Matters - Independent Registered Public Accounting Firm Fees" and "Pre-Approval of Services Provided by the Independent Auditor" in the Proxy Statement is hereby incorporated by reference in response to this Item 14.

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## PART IV

## Item 15. Exhibits, and Financial Statement Schedules

(a)

# List of Documents filed as part of this Report 

Consolidated Financial Statements

The consolidated financial statements and related notes, together with the reports of Ernst \& Young LLP, appear in Part II, Item 8 "Financial Statements and Supplementary Data" of this Form 10-K.

Schedule II Valuation and Qualifying Accounts

All other schedules have been omitted because they are not applicable, are insignificant or the required information is shown in the consolidated financial statements or notes thereto.
(3) Exhibits - The following exhibits are filed as part of, or incorporated by reference into, this Annual Report on Form
$10-\mathrm{K}:$

## EXHIBIT

NUMBER DESCRIPTION
Articles of Association of Garmin Ltd., as amended and restated on June 6, 2014 (incorporated by reference to Exhibit 3.1 of the Registrant's Quarterly Report on Form 10-Q filed on July 29, 2015).

Organizational Regulations of Garmin Ltd., as amended on February 14, 2014(incorporated by reference to Exhibit 3.2 of the Registrant's Annual Report on Form 10-K filed on February 19, 2014).

Garmin Ltd. 2000 Equity Incentive Plan (incorporated by reference to Exhibit 10.1 of the Registrant's Registration Statement on Form S-1 filed December 6, 2000 (Commission File No. 333-45514)).

Form of Stock Option Agreement pursuant to the Garmin Ltd. 2000 Equity Incentive Plan for Employees of Garmin International, Inc. (incorporated by reference to Exhibit 10.1 of the Registrant's Current Report on Form 8-K filed on September 7, 2004).

Form of Stock Option Agreement pursuant to the Garmin Ltd. 2000 Equity Incentive Plan for Employees of Garmin Corporation (incorporated by reference to Exhibit 10.3 of the Registrant's Current Report on Form 8-K filed on September 7, 2004).

Form of Stock Option Agreement pursuant to the Garmin Ltd. 2000 Equity Incentive Plan for

Form of Stock Option Agreement pursuant to the Garmin Ltd. 2000 Equity Incentive Plan for Non UK-Approved Stock Options for Employees of Garmin (Europe) Ltd. (incorporated by reference to Exhibit 10.5 of the Registrant's Current Report on Form 8-K filed on September 7, 2004).

Garmin Ltd. 2000 Non-Employee Directors' Option Plan (incorporated by reference to Exhibit 10.2 of the Registrant's Registration Statement on Form S-1 filed December 6, 2000 (Commission File No. 333-45514)).

Form of Stock Option Agreement pursuant to the Garmin Ltd. Non-Employee Directors' Option Plan for
10.7 Non-Employee Directors of Garmin Ltd. (incorporated by reference to Exhibit 10.2 of the Registrant's Current Report on Form 8-K filed on September 7, 2004).

Garmin Ltd. Amended and Restated Employee Stock Purchase Plan (incorporated by reference to Exhibit 10.1 of the Registrant's Quarterly Report on Form 10-Q filed August 9, 2006).

First Amendment to Garmin Ltd. Employee Stock Purchase Plan (incorporated by reference to Exhibit 10.4 of the Registrant's Annual Report on Form 10-K filed on March 27, 2002).
10.10 Second Amendment to Garmin Ltd. Employee Stock Purchase Plan (incorporated by reference to Exhibit 10.1 of the Registrant's Quarterly Report on Form 10-Q filed on August 13, 2003).
10.11

Garmin Ltd. 2005 Equity Incentive Plan (incorporated by reference to Exhibit 10.1 of the Registrant's Current Report on Form 8-K filed on June 7, 2005).
10.12 Form of Stock Option Agreement pursuant to the Garmin Ltd. 2005 Equity Incentive Plan (incorporated by reference to Exhibit 10.2 of the Registrant's Current Report on Form 8-K filed on June 7, 2005).

Form of Stock Appreciation Rights Agreement pursuant to the Garmin Ltd. 2005 Equity Incentive Plan
10.13 (incorporated by reference to Exhibit 10.1 of the Registrant's Quarterly Report on Form 10-Q filed on May 8, 2007).

Form of Stock Appreciation Rights Agreement pursuant to the Garmin Ltd. 2000 Equity Incentive Plan 10.14 (incorporated by reference to Exhibit 10.4 of the Registrant's Current Report on Form 8-K filed on June 7, 2005).
10.15

Amended and Restated Garmin Ltd. Employee Stock Purchase Plan effective January 1, 2008 (incorporated by reference to Exhibit 10.15 of the Registrant's Annual Report on Form 10-K filed on February 26, 2008).

Form of Time Vested Restricted Stock Unit Award Agreement under the Garmin Ltd. 2005 Equity Incentive
10.16 Plan (incorporated by reference to Exhibit 10.1 of the Registrant's Current Report on Form 8-K filed on December 17, 2008).

Form of Performance Shares Award Agreement under the Garmin Ltd. 2005 Equity Incentive Plan
10.17 (incorporated by reference to Exhibit 10.2 of the Registrant's Current Report on Form 8-K filed on December 17, 2008).

Garmin Ltd. 2009 Cash Incentive Bonus Plan (incorporated by reference to Exhibit 10.18 of the Registrant's Annual Report on Form 10-K filed on February 25, 2009
10.19 Amended and Restated Garmin Ltd. Employee Stock Purchase Plan, effective January 1, 2010 (incorporated by reference to Exhibit 10.22 of the Registrant's Annual Report on Form 10-K filed on February 24, 2010).

Form of Time Vested Restricted Stock Unit Award Agreement under the Garmin Ltd. 2005 Equity Incentive 10.20 Plan, as revised by the Registrant's Board of Directors on December 11, 2009 (incorporated by reference to Exhibit 10.23 of the Registrant's Annual Report on Form 10-K filed on February 24, 2010).

Form of Performance Shares Award Agreement under the Garmin Ltd. 2005 Equity Incentive Plan, as revised 10.21 by the Registrant's Board of Directors on December 11, 2009 (incorporated by reference to Exhibit 10.24 of the Registrant's Annual Report on Form 10-K filed on February 24, 2010).
10.22

Garmin Ltd. 2005 Equity Incentive Plan (as Amended and Restated Effective June 5, 2009) (incorporated by reference to Schedule 1 of the Registrant's Proxy Statement on Schedule 14A filed on April 21, 2009).

Garmin Ltd. Amended and Restated 2000 Non-Employee Directors' Option Plan, Effective June 5, 2010
10.23 (incorporated by reference to Schedule 2 of the Registrant's Proxy Statement on Schedule 14A filed on April 21, 2010).
10.24

Garmin Ltd. Amended and Restated 2000 Equity Incentive Plan (incorporated by reference to Exhibit 10.2 of the Registrant's Current Report on Form 8-K filed on June 28, 2010).
10.25

Garmin Ltd. Amended and Restated 2000 Non-Employee Directors' Option Plan (incorporated by reference to Exhibit 10.3 of the Registrant's Current Report on Form 8-K filed on June 28, 2010).
10.26 Garmin Ltd. Amended and Restated Employee Stock Purchase Plan (incorporated by reference to Exhibit 10.4 of the Registrant's Current Report on Form 8-K filed on June 28, 2010).
10.27 Garmin Ltd. Amended and Restated 2005 Equity Incentive Plan (incorporated by reference to Exhibit 10.5 of the Registrant's Current Report on Form 8-K filed on June 28, 2010).

Form of Stock Option Agreement pursuant to the Garmin Ltd. Amended and Restated 2000 Non-Employee
10.28 Directors' Option Plan (incorporated by reference to Exhibit 10.6 of the Registrant's Current Report on Form 8-K filed on June 28, 2010).

Form of Performance Shares Award Agreement pursuant to the Garmin Ltd. 2005 Equity Incentive Plan 10.29 (incorporated by reference to Exhibit 10.7 of the Registrant's Current Report on Form 8-K filed on June 28, 2010).

Form of Restricted Stock Unit Award Agreement pursuant to the Garmin Ltd. 2005 Equity Incentive Plan, for
10.30 Swiss residents (incorporated by reference to Exhibit 10.8 of the Registrant's Current Report on Form 8-K filed on June 28, 2010).

Form of Restricted Stock Unit Award Agreement pursuant to the Garmin Ltd. 2005 Equity Incentive Plan, for 10.31 non-Swiss residents (incorporated by reference to Exhibit 10.9 of the Registrant's Current Report on Form 8-K filed on June 28, 2010).

Transaction Agreement between Garmin Ltd., a Cayman Islands company, and the Registrant, dated as of May 10.32 21, 2010 (incorporated by reference to Exhibit 10.1 of the Registrant's Current Report on Form 8-K filed on June 28, 2010).

Form of Non-Qualified Stock Option Agreement pursuant to the Garmin Ltd. 2005 Equity Incentive Plan, as 10.33 amended and restated on June 27, 2010 (incorporated by reference to Exhibit 10.1 of the Registrant's Current Report on Form 8-K filed on December 29, 2011).

Garmin Ltd. 2011 Non-Employee Directors' Equity Incentive Plan (incorporated by reference to Schedule 1 of the Registrant's Definitive Proxy Statement on Form 14A filed on April 21, 2011).

Form of Restricted Stock Unit Award Agreement pursuant to the Garmin Ltd. 2011 Non-Employee Directors'
10.35 Equity Incentive Plan (incorporated by reference to Exhibit 10.2 of the Registrant's Current Report on Form 8-K filed on June 6, 2011).

Form of Restricted Stock Unit Award Agreement pursuant to the Garmin Ltd. 2005 Equity Incentive Plan, for
10.36 Swiss grantees (incorporated by reference to Exhibit 10.1 of the Registrant's Current Report on Form 8-K filed on December 10, 2012).

Form of Restricted Stock Unit Award Agreement pursuant to the Garmin Ltd. 2005 Equity Incentive Plan, for
10.37 Canadian grantees (incorporated by reference to Exhibit 10.2 of the Registrant's Current Report on Form 8-K filed on December 10, 2012).

Form of Restricted Stock Unit Award Agreement pursuant to the Garmin Ltd. 2005 Equity Incentive Plan, for 10.38 non-Swiss and non-Canadian grantees (incorporated by reference to Exhibit 10.3 of the Registrant's Current Report on Form 8-K filed on December 10, 2012).

Memorandum of Agreement dated March 14, 2013 between Garmin International, Inc. and Bombardier, Inc.
10.39 (incorporated by reference to Exhibit 10.1 of the Registrant's Quarterly Report on Form 10-Q filed on May 8, 2013).

Amendment dated December 6, 2013 to Memorandum of Agreement between Garmin International, Inc. and 10.40 Bombardier, Inc. (incorporated by reference to Exhibit 10.40 of the Registrant's Annual Report on Form 10-K filed on February 19, 2014).

Garmin Ltd. 2005 Equity Incentive Plan (as Amended and Restated Effective June 7, 2013) (incorporated by reference to Schedule 1 of the Registrant's Proxy Statement on Schedule 14A filed on April 22, 2013).

Director and Officer Indemnification Agreement dated August 4, 2014 between Garmin Ltd. and each of

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Form of Restricted Stock Unit Award Agreement pursuant to the Garmin Ltd. 2005 Equity Incentive Plan, for 10.43 awards of performance-based and time-based vesting restricted stock unit awards to grantees who are executive officers (incorporated by reference to Exhibit 10.1 of the Registrant's Current Report on Form 8-K filed on February 17, 2015).

| 10.44 | Form of Restricted Stock Unit Award Agreement pursuant to the Garmin Ltd. 2005 Equity Incentive Plan, for awards of performance-based and time-based vesting restricted stock unit awards to grantees who are not executive officers (incorporated by reference to Exhibit 10.2 of the Registrant's Current Report on Form 8-K filed on February 17, 2015). |
| :---: | :---: |
| 10.45 | Form of Restricted Stock Unit Award Agreement pursuant to the Garmin Ltd. 2011 Non-Employee Directors' Equity Incentive Plan (incorporated by reference to Exhibit 10.3 of the Registrant's Current Report on Form 8-K filed on February 16, 2014). |
| 10.47 | Garmin Ltd. Employee Stock Purchase Plan, as amended and restated on June 5, 2015 (incorporated by reference to Exhibit 10.1 of the Registrant's Current Report on Form 8-K filed on June 8, 2015). |
| 21.1 | List of subsidiaries |
| 23.1 | Consent of Ernst \& Young LLP |
| 24.1 | Power of Attorney (included in signature page) |
| 31.1 | Chief Executive Officer's Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. |
| 31.2 | Chief Financial Officer's Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. |
| 32.1 | Chief Executive Officer's Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |
| 32.2 | Chief Financial Officer's Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |

Exhibit 101.INS XBRL Instance Document
Exhibit 101.SCH XBRL Taxonomy Extension Schema
Exhibit 101.CAL XBRL Taxonomy Extension Calculation Linkbase
Exhibit 101.LAB XBRL Taxonomy Extension Label Linkbase
Exhibit 101.PRE XBRL Taxonomy Extension Presentation Linkbase
Exhibit 101.DEF XBRL Taxonomy Extension Definition Linkbase

## (b)

Exhibits.

The exhibits listed on the accompanying Exhibit Index in Item 15(a)(3) are filed as part of, or are incorporated by reference into, this Annual Report on Form 10-K.

Reference is made to Item 15(a)(2) above.

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## SCHEDULE II - VALUATION AND QUALIFYING ACCOUNTS

## Garmin Ltd. and Subsidiaries

## (In thousands)

|  | Additions |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Balance <br> at | Charged to | Charged to |  | Balance <br> at |
|  | Beginning of | Costs and | Other |  | End of |
| Description | Period | Expenses | Accounts | Deductions | Period |
| Year Ended December 26, 2015: |  |  |  |  |  |
| Deducted from asset accounts |  |  |  |  |  |
| Allowance for doubtful accounts | \$18,330 | \$(2,521) |  | \$ (2,004 | ) $\$ 13,805$ |
| Inventory reserve | 37,135 | 23,257 | - | (14,321 | ) 46,071 |
| Deferred tax asset valuation allowance | 11,358 | 422 | - | (8,999 | ) 2,781 |
| Total | \$66,823 | \$21,158 | - | \$ (25,324 | \$62,657 |

Year Ended December 27, 2014:
Deducted from asset accounts

| Allowance for doubtful accounts | $\$ 20,367$ | $\$ 66$ | - | $\$(2,103$ | $)$ |
| :--- | :---: | :---: | :---: | ---: | ---: |
| Inventory reserve | 28,381 | 25,903 | - | $(17,149$ | $)$ |
| 37,135 |  |  |  |  |  |
| Deferred tax asset valuation allowance | 63,361 | 2,930 | - | $(54,933$ | 11,358 |
| Total | $\$ 112,109$ | $\$ 28,899$ | - | $\$(74,185)$ | $\$ 66,823$ |

Year Ended December 28, 2013:
Deducted from asset accounts

| Allowance for doubtful accounts | $\$ 20,582$ | $\$ 1,553$ | - | $\$(1,768$ | $)$ |
| :--- | ---: | :---: | :---: | :---: | :---: |
| Inventory reserve | 26,105 | 20,891 | - | $(18,615$ | $)$ |
| 28,387 |  |  |  |  |  |
| Deferred tax asset valuation allowance | 51,393 | 19,480 | - | $(7,512$ | $)$ |
| Total | $\$ 98,080$ | $\$ 41,924$ | - | $\$(27,895$ | $)$ |
| 112,109 |  |  |  |  |  |

## SIGNATURES

Pursuant to the requirements of Section 13 or 15(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.

GARMIN LTD.
By/s/ Clifton A. Pemble
Clifton A. Pemble
President and Chief Executive Officer

Dated: February 17, 2016

## POWER OF ATTORNEY

Know all persons by these presents, that each person whose signature appears below constitutes and appoints Clifton A. Pemble and Douglas G. Boessen and Andrew R. Etkind, and each of them, as his attorney-in-fact, with the power of substitution, for him in any and all capacities, to sign any amendments to this Annual Report on Form 10-K, and to file the same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, hereby ratifying and confirming all that said attorney-in-fact, or his substitute or substitutes, may do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Exchange Act of 1934, this report on Form 10-K has been signed below by the following persons on behalf of the registrant and in the capacities indicated on February 17, 2016.

$/ s /$ Clifton A. Pemble<br>Clifton A Pemble<br>Director, President and Chief Executive Officer<br>(Principal Executive Officer)<br>/s/ Douglas G. Boessen<br>Douglas G. Boessen<br>Chief Financial Officer and Treasurer<br>(Principal Financial Officer and Principal Accounting Officer)

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/s/ Min H. Kao
Min H. Kao
Executive Chairman
/s/Donald H. Eller
Donald H. Eller
Director
/s/ Charles W. Peffer
Charles W. Peffer
Director

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/s/ Joseph J. Hartnett
Joseph J. Hartnett
Director
/s/ Thomas P. Poberezny
Thomas P. Poberezny
Director

## Garmin Ltd.

## 2015 Form 10-K Annual Report

## Exhibit Index

The following exhibits are attached hereto. See Part IV of this Annual Report on Form 10-K for a complete list of exhibits.

## Exhibit

Number Document
21.1 List of subsidiaries
23.1 Consent of Ernst \& Young LLP
31.1 Chief Executive Officer's Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2 Chief Financial Officer's Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1 Chief Executive Officer's Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
32.2 Chief Financial Officer's Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

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Exhibit 101.LAB XBRL Taxonomy Extension Label Linkbase
Exhibit 101.PRE XBRL Taxonomy Extension Presentation Linkbase
Exhibit 101.DEF XBRL Taxonomy Extension Definition Linkbase


[^0]:    (1) Our fiscal year-end is the last Saturday of the calendar year and does not always fall on December 31. All years ${ }^{1)}$ presented contain 52 weeks excluding Fiscal 2011 which includes 53 weeks.
    (2)

