Insights with Impact October 2020

Too Big to Ignore: Boomers Are an Ideal Market for the Self-Care Products Sector

A strategic perspective for product developers, manufacturers, and marketers



CHPA Insights with Impact, October 2020

Too Big to Ignore: Boomers Are and Ideal Market for the Self-Care Products Sector

A strategic perspective for product developmers, manufacturers and developers

Abstract: There are few concepts in the \$3.7 trillion U.S. healthcare industry as important to its future and widely misunderstood as self-care. Self-care varies in definition and can range from yoga and facials to clinical evidence-based at-home treatments to manage a chronic condition. Regardless, self-care spans across generations and is a market largely defined by consumer health products.

Today's generation of baby boomers, born between 1946 and 1964, are concerned with self-care and healthiness more than previous generations. Boomers are a diverse demographic with different health needs, preferences, and shopping behaviors. The demand for holistic products that enable self-care make boomers ripe for engagement and highlight an opportunity for the self-care products industry.

Jody Holtzman, SVP of Thought Leadership AARP

Highlights

Baby boomers are a large and influential consumer group for the healthcare products industry. Consider common characteristics and behaviors of the 55-plus demographic – Boomers as consumers are:

- Concerned with living an active and healthy lifestyle.
- Motivated to purchase self-care products that inspire healthiness and the ability to age in place.
- Major purchasers of nutritional supplements and technologies that empower independence.
- Shopping online just as much as Millennials and have more disposable income and purchasing power.
- Holding \$2.6 trillion in buying power in the U.S.
- Consuming products that feature customization, value, experience, simplicity, and convenience.

Background

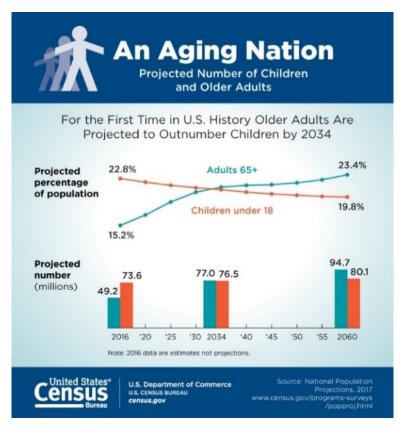
There are approximately 74 million baby boomers in the U.S. 10,000 of them reach retirement age every day. The U.S. Census Bureau projections show this upward trend is expected to continue through 2030. By 2035, the United States will — for the first time ever — be a country comprised of more adults over 65 than of children. The Census Bureau projects there will be 78 million people age 65 and over compared to 76.4 million under the age of 18.

Boomers are not just living longer — they are living healthier.^{ix} More than eight in 10 specified they are "taking more responsibility for their health" compared to a decade ago.^x The prime motivations driving them to be proactive include "a desire to be in their best mental health, to remain independent, to be in their best physical health and to live a long life."^{xi} Products that promote healthy aging and independence trump price for many boomers – 77 percent will purchase a premium product that delivers value over a discounted item.^{xii}

The concept of self-care, although not novel, has re-emerged as a way of life for baby boomers. Products that address personal health - at home treatment, management, and prevention, are the priority. Boomers are open to new types of OTC products and technologies that enable a proactive approach to their health. Eight key characteristics and behaviors make boomers worthy of investment:

- Sizable. There are approximately 74 million baby boomers in the U.S. By 2050, there will be 161 million 55-plus consumers a 63 percent increase over 2010 (U.S. Census Bureau).
- Wealthy. Making up approximately one-quarter of the U.S. population, boomers comprised 35 percent of all net worth. People over 55 have \$2.4 trillion in annual income in the U.S., which comprised 80 percent of all disposable income (Bureau of Labor Statistics; Congressional Budget Office).
- Spenders. Over the next 20 years, spending by people 55-plus is expected to increase by 58 percent to \$4.74 trillion, while spending by Americans aged 25- 54 will grow by only 24 percent (AARP/Oxford Economics).
 older demographic has been exhibit a sharp uptick in tech/device owner over the past year, according a Pew Research Center survey.
 Social. 82 percent of baby boomers belong to at least once social.
- Digital. The 55-plussers spent \$7 billion per year online - \$400 million more online last year than the younger generations (Marketing Insider).

- Adventurous. Boomers are interested in new products that align with their expectations: "Exceptional customer service, a true value proposition, and prioritize simplicity"; brand loyalty is also predicated on upholding those values (Performance Marketing).
- Connected. 83 percent of boomers went online to search for product and device information, according to Pew.
- Tech-savvy. 38 percent of boomers owned tablets, and 36 percent owned a smartphone as of 2015. The 55 and older demographic has been exhibiting a sharp uptick in tech/device ownership over the past year, according a Pew Research Center survey.
- Social. 82 percent of baby boomers belong to at least once social networking site; and 50 percent have used their smartphone to access social networking sites (AARP).



Redefining Aging

According to Total Retail Report, a market intelligence research firm, baby boomers outspend every other generation by \$400 billion each year, accounting for more than 50 percent of U.S. consumption.xv

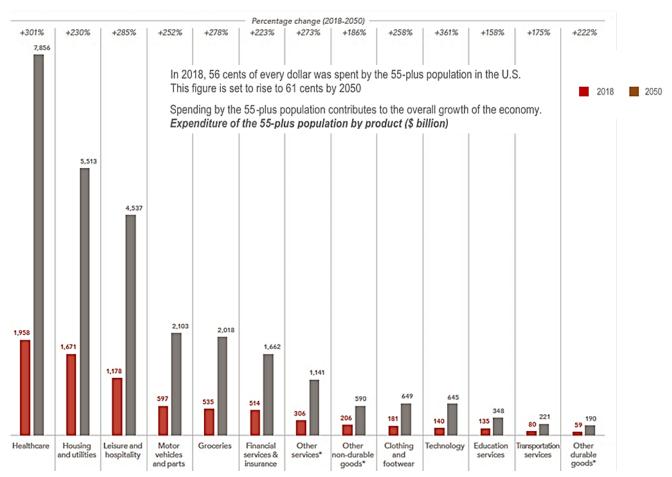
Over the past decade, new marketing measures and budget increases allocated to the boomer population have evolved with changes in boomer consumption patterns.*VI The lack of marketing can sometimes result in "low awareness of cutting-edge solutions" by many 55-plus consumers."xvII

Since boomers spend more across product categories, marketers are targeting boomers through various media channels including social media, Instagram and basic email advertising.**viii

Some surveys show that boomers still feel overlooked and unappreciated by product manufacturers and retailers, according to a survey from ICLP.^{xix} The survey found that less than 40 percent of boomers who consider themselves "regular customers" feel valued by those brands. And, just 12 percent anticipate brands will "spend the time to get to know them and understand what they want." More than three out of four respondents feel they are not rewarded with tailored offers. Boomers also recognize the importance of "profit with purpose" brands and are willing to pay more for those products over a similar product from a competitor.^{xxi}

Overall, consumer spending contributes nearly 70 percent of GDP.^{xxii} But, the 55-plus population comprises an especially high share of this expenditure: direct spending by this demographic amounted to \$7.6 trillion of the total \$13.5 trillion in 2018, so for every dollar spent by households, 56 cents was attributed from the 55-plus population, and their impact will increase by 2050.^{xxiii} This population is forecast to spend \$27.5 trillion (61 percent of total spending).^{xxiv} AARP outlines the consumer spending patterns by product categories for this demographic (Figure 2).

Figure 2



Notes: "Other services include professional services, personal care and clothing services, social services and religious activities, postal and delivery services. "Other durable goods include jewelry and watches, luggage, and similar personal items. Education services include spending on education across all members living in the same household (consumption expenditures are recorded at the household level). "Other non-durable goods include food furnished to employees (including military), household supplies, personal care products, tobacco, food produced and consumed on farms, and net excenditures abroad by U.S. residents.

Source: The Economist Intelligence Unit, Bureau of Labor Statistics, Bureau of Economic Analysis, REMI.

Preferences and Spending Trends

The dynamics of healthy aging are being reconceptualized requiring companies to prepare for variations and unpredictability in (1) spending patterns; (2) specificity around health needs and desires – changes in the likes/dislikes of certain products; (3) changing technology demands and future needs (e.g., new or expanded set-up/maintenance for certain consumer medical devices); and (4) the wide-reaching implications of aging in place (technology-driven solutions to shifting market demands of cohorts within the generation).xxv

The top categories of spending include healthcare products, pharmacy, household goods, wine, books/e-books, and skin care and cosmetics. **xvi* These products are purchased both in-store and increasingly online.**xvii* Approximately 92 percent of boomers shop online and spend \$203 on average per transaction.**xviii

"While the millennials are sharing stuff, boomers are buying stuff. If you are a brand, you are in business to make money, and a tweet or share or laugh online doesn't translate into actual bottom-line dollars. Boomers are an audiencde that's worth pursuing in virtually every category."

- Robert Passikoff, President of Brand Keys, Inc.

Digital Health and Consumer Medical Devices

"The new frontier for consumer medical devides is in digital health technology."

— Barbara Kochanowski, PhD, Senior Vice President, Regulatory and Scientific Affairs and Head of CHPA's Consumer Medical Device Council

The key to achieving independence for an aging population is technology. **xix* Studies have shown that boomers are already embracing digital health technologies to monitor various aspects of their health, maintain consistency with medication management, and track activity (e.g., wearables). **X* Those boomers who are not yet fully using digital health tools are willing to quickly adopt. **X*X* The new frontier for consumer medical devices is in digital health technology.

Startups are realizing the opportunity to capitalize on this population's needs. Consumer medical devices, apps, and digital health tools are being designed as "more user-friendly, more intuitive and more in tune"xxxiii with boomer preferences in mind.xxxiii A new design strategy includes a shift from the utility approach that "fixates on function, adaptability, accessibility, and cost, to a "values approach" that addresses needs, wants, perceptions, desires, and form."xxxiiv Manufacturers and designers see the competitive edge in devising smart products with an intelligent design aspect driven by user expectations.

This advanced design structure is particularly important in the consumer medical device industry. Designers serving the medical device industry are thinking strategically about a new "aesthetic positioning" while keeping cost in mind. Boomers have "the money to make designers listen." Tanaka Kapec Design Group, a design consulting firm, describes the new technique to meet user expectations:

As devices continue to improve and develop, areas of opportunity exist for better customization, technology usability, and data management and privacy. The future state of health technology and devices will evolve, breaking down barriers to implementation^{xxxvi} (Figure 3).

Figure

Senior Healthcare Technology – Where We're Headed

Digital Health & Medical Devices	Present state	Future state
Digital health and RPM	MD resistance and limited reimbursement	CMS reimbursement and expansion mHealth
Voice First technology	Smart speakers	Voice-enabled interfaces
Hearing technology (Hearables)	Expensive and sold by provider	Hearables, DTC, lower cost, retail, self-serv
Tech-Caregivers/home monitor	Checklists and reporting; PERS	In-home supp to care, voice tech/sensors
Fall detection technology	On person/body and self-private pay	In-room monitoring/sensing with payment
Virtual Reality in senior care	Testing, trials and pilots	Senior living and Caregiver communication
Technology product support	Fragmented and varied	Standardized – retail and online

Source: Aging in Place Technology Watch

The pre-conditioned aesthetic of medical products as a necessary evil will have to be replaced with products that feature smart design and are fun and exciting. Boomers don't want products that stigmatize them for their disability. The mundane tub seat placed in the bathtub for security and safety will have to be reconfigured into something elegant, beautiful, and desirable. It will have to be more like a fancy, folding teak shower seat found on a high-end yacht rather than the aluminum and plastic products that consumers reluctantly purchase for their parents or themselves out of necessity.

Nutrition and Dietary Supplements

"Interest in personalized healthcare practices for preventive health is at an all-time high for the boomer consumer. Given the influential role that nutrition plays in underlying health issues and immune response, the role of dietary supplements as part of a daily health regimen is more important than ever." — John Troup, PhD, Vice President for Scientific Affairs and Dietary Supplements and Head of CHPA's Nutrition and Dietary Supplements Council

Baby boomers make up a major consumer group in the dietary/nutritional supplements market.**xxvii Both improved lifespan and "health-span"xxxviii of boomers has driven high demand for products considered to reduce the "risks and inconveniences of age-related health conditions."**xxxix** Boomers have been instrumental to the thriving dietary supplements market, which is forecast to reach \$220 billion by 2021 and \$252 billion in 2025 (from \$133.1 billion in 2016).**I

A recent study conducted by Vitafoods Insights showed nutraceuticals, a sector of dietary supplements made from whole foods to augment health, industry executives chose baby boomers (72 percent of survey respondents) as the most important age group impacting their businesses.^{xli} Survey results show that this generation will continue to "set the agenda" in the industry for at least the next 10 years.^{xlii}

According to a study conducted by SupplySide West & Food ingredients North America, a supplement brand "cannot assume one message or tactic works for all consumer ages and types—even though the product(s) could have efficacy across multiple age categories. Each age-specific user group relates to supplement products based on their own preferences, experiences and interests." Key findings include:

- Boomers want proven benefits and look for "products related to healthy aging."
- They prefer vitamins, natural supplements, and self-care condition-specific products.
- They avoid products with artificial ingredients, and with stated side effects.
- Influencers include individuals who personify healthy aging, with advice on diet, weight loss, and general health education.
- Interests in consumption for healthy aging focus on skin, muscle, joints, eye care, heart health, and digestion.
- Boomers spend more of their grocery budget on health and wellness products than other generations.
- Boomers are willing to spend more for functional foods like probiotics and nutritional supplements.^{xliv}

Industry Implications and Opportunities

Self-care is playing a larger role within healthcare. Products are "not simply supplemental items that only the rich can afford, they are essential to the health system by promoting preventative and proactive approaches to health."^{xlv}

A key strategy to entice this population is re-engagement. Companies would be well-advised to capitalize on opportunities by understanding the tendencies and health goals of boomers. Research shows that investments in specific areas of product design and development^{x|v|} are crucial to attract and retain boomers:

- Customization (understand boomer preferences, and design products to meet their unique needs).xlvii
- Value (the value of products is more important than markdowns or sales).xlviii
- Experience (consumer experience and satisfaction are particularly important in attracting and retaining consumers).**
- Simplicity (prioritize straightforward design and personalized features).1
- Convenience (the process of buying products online should be seamless; and instore shopping should be relaxing).

Potential opportunities for manufacturers of nutritional supplements, consumer medical devices, and over-the-counter self-care products to address senior health concerns that impact quality of life^{||||} include:

- Improving sleep quality
- Managing levels of stress
- Improving and strengthening immune responses
- Balancing glucose levels
- Lowering bad cholesterol levels
- Sustaining a healthy weight
- Keeping blood pressure in range
- Managing pain and inflammatory responses
- Detecting skin problems
- Maintaining good dental hygiene
- Vision and hearing loss

Conclusion

Boomers are core to the self-care products industry. Manufacturers will only stand to gain by plugging into the diverse market opportunities extended by the boomer generation. The businesses that make strategic investments in innovative self-care product development and device design specific to the boomer demographic will look forward to more than a decade of new and dedicated consumers. IIII

We want to know what keeps you up at night. To offer suggestions on topics and issue areas that impact your business, contact Marina Karp, mkarp@chpa.org

Easton KL. Defining the concept of self-care. Rehabil Nurs. 1993;18(6):384-387. doi:10.1002/j.2048-7940.1993.tb00794. "Self-care is a concept frequently referred to in both the theory and the clinical practice..."; World Health Organization defined self-care (in 1983, 1998 and 2009) 'Selfcare is what people do for themselves to establish and maintain health, and to prevent and deal with illness. It is a broad concept encompassing...'

[&]quot;CHPA 2020: CHPA defines and assesses the self-care industry according to three subsector components: over the counter (OTC) products; dietary & nutritional supplements; and consumer medical devices (CMDs).

Note: In response to the growing need for design solutions for the baby boomer market, the University of Cincinnati (UC) and Procter and Gamble (P&G) founded Live Well Collaborative (LWC). The Live Well Collaborative was established in 2007 as a non-profit organization located in Cincinnati. Ohio.

iii Schall, J. "Why CPG Brands Can't Afford to Ignore Baby boomers." OneSpace. December 2018.

Patrick Luchsinger, "Consumer Insight: Baby Boomers." FONA International. May 11, 2018.

America Counts Staff. "2020 Census Will Help Policymakers Prepare for the Incoming Wave of Aging Boomers." Census gov. December 10,

vi "Older People Projected to Outnumber Children for First Time in U.S. History." U.S. Census Bureau (Population Projections) March 13, 2018.

vii Vespa, J. "The Graying of America: More Older Adults Than Kids by 2035." U.S Census Bureau's Population Division. October 8, 2019.

[&]quot;Measuring America's People, Places, and Economy." U.S. Department of Commerce December 10, 2019

ix Dimock, M. "Defining generations: Where Millennials end and Generation Z begins." Pew Research Center. January 17, 2019; Milanez, I. "When it comes to food ingredients, health-oriented eaters have a list they avoid." Baby Boomers are more inclined to choose healthy and nutritious foods." FacTank News is Numbers by Pew. November 21, 2018.

^{* &}quot;Baby Boomer Spending Habits in 2020." Lexington Law. January 13, 2020.

xi "Older People Projected to Outnumber Children for First Time in U.S. History." The 2017 National Population Projections. March 13, 2018. Release Number CB18-41. (French, S. "Boomers Have Desire, Need for Healthy Products." Informa, 2017).

xii "Introducing Boomers: Marketing's Most Valuable Generation." The Nielsen Company & BoomAgers LLC. 2019 (3rd update).

Patrick Luchsinger, "Consumer Insight: Baby Boomers." FONA International. May 11, 2018.

[&]quot;Why Active Agers and not Boomers?" Age-of-Majority. 2018.

[&]quot;The Older Population in the United States: 2010 to 2050." U.S. Department of Commerce, 2010; Vogels, E. "Millennials stand out for their technology use, but older generations also embrace digital life." Pew Research Center. September 9, 2019; "The Longevity Economy: Generating economic growth and new opportunities for business." Briefing paper prepared by Oxford Economics for AARP. (2012-2032). 2010; Geller, G. "Baby Boomers Spend More Than Millennials -- Yet Are Ignored by Advertisers." Marketing Insider. May 22, 2019; Jafrey, I. "Social Media Matters for Baby Boomers." Forbes Technology Council. March 6, 2018; Moody, H. "Aging: Concepts and Controversies." Sage Publications. January 12, 2017; Montes, J. "CBO's Long-Term Projections of Labor Force Participation." Congressional Budget Office (CBO). January 13, 2017; and Bureau of Labor Statistics -- Consumer Expenditure Surveys — Branch of Information and Analysis. 2019-2020.

xv Casey, T. "Retailers: Don't Neglect Baby Boomers." TotalRetailReport. August 18, 2017.

Jody Holtzman, Senior Vice President, Thought Leadership, AARP National Venture Capital Association and Ernst & Young LLP. 2014; update: "The Longevity Economy: A New Investment Theme." AARP.

xvii Emsley, V. "Don't Underestimate the Market Power of the 50+ Crowd." Harvard Business Review. January 09, 2020.

xviii Geller, G. "Baby boomers Spend More Than Millennials -- Yet Are Ignored by Advertisers." MediaPost. May 22, 2019.

xix Survey Sampling International (SSI) 2018.

^{**} Retailers at risk of losing valuable baby boomers." GlobalAgingTimes.

xxi René Vader, Global Sector Leader, Consumer & Retail, KPMG International.

xxiii Amadeo, K. "Bureau of Economic Analysis, annualized GDP data." TheBalance. June 1, 2020; and The Longevity Economy Generating Economic Growth and New Opportunities for Business," Oxford Economics. February 2013. (Nielsen cited in Bedgood, L. "Generational Consumer Shopping Trends and Statistics." Business 2 Community. July 15, 2019).

xxiii Dennis, H. "Successful Aging: Seniors' positive effects on the economy." American Society on Aging. August 28, 2017.

xxiv Jaspen, B. "Baby Boomers to Push U.S. Health Spending To \$6 Trillion By 2027." Forbes. February 20, 2019.

[&]quot;What Do We Know About Healthy Aging?" The National Institute on Aging's Baltimore Longitudinal Study on Aging (BLSA). June 25, 2018.

[&]quot;Baby Boomer Spending Habits in 2020." National Venture Capital Association, Ernst & Young, and AARP. 2013. (See sources/citations referenced as retrospective view).

[&]quot;The Truth About Online Consumers: Global Online Consumer Report." KPMG. 2017.

[&]quot;The 2017 Global Online Consumer Report: Key Figures in E-Commerce Worldwide." (Posted by Grant, M.) May 8, 2017.

xxix CTA's 2019 Active Aging: "Consumer Perceptions and Attitudes study, commissioned by the CTA Foundation

xxx Japsen, B., "Wearable Fitness Devices Attract More Than the Young and Healthy" Forbes 2016. Health IT report on senior care 2018.

xxxi Park, A. "Nearly 30% of baby boomers use smartphones to manage, receive medical care: AARP report." Becker's Health IT. January 24,

u.s. Food and Drug Administration (FDA) RFI by Section 3060(b) of the 21st Century Cures Act. Request for Input. Digital Health Innovation Action Plan. September 2019. Digital Health:

Hagel, J., et al. "The future of manufacturing: Making things in a changing world." Deloitte Insights. 2020.

xxxiv Institute of Medicine (US) Committee on Diet and Health; Woteki CE, Thomas PR, editors. Eat for Life: The Food and Nutrition Board's Guide to Reducing Your Risk of Chronic Disease. Washington (DC): National Academies Press (US); 1992. Chapter 8, Vitamins, Minerals, And Chronic Diseases. Jefferson, R. "More Seniors Are Embracing Technology. But Can They Use It? UCSD Researchers Suggest Asking Them." Forbes. June 28, 2019.

xxxx Kapec, J., et al. "Baby Boomers driving new era of medical device chic: Who decided that affordable healthcare products had to be ugly, uninspired, and insensitive? For Boomers, that artificial hip better be, well ... hip." DesignFax Tech for OEM Engineers. 2009.
xxxvi "The Truth About Online Consumers," KPMG. Global Online Consumer Report 2017.

xxxxiii Watson, T. "Baby Boomers Make Up a Major Segment of the Nutritional Supplement Market" April4, 2017.

World's Fastest-Growing, Most Misunderstood Market. PublicAffairs (November 7, 2017). Dr. Coughlin describes "health-span" as: "As elders live longer and healthier lives, possibilities open to potentially turn longevity into an asset for society."; and Evidence-based Initiative Understanding that need, AARP is a primary sponsor of the National Academy of Medicine's (NAM) Global Roadmap for Healthy Longevity; and Accius, J., et al. "A Call to Action: The Global Roadmap for Health Longevity." AARP. October 31, 2019.

xxxix Miva. "Boomers' eCommerce Habits." Ecommerce News/Ecommerce Resources. June 13, 2019.

^{xl} "Dietary Supplements Market: Executive Summary." American National Standards Institute (ANSI). 2019.

The term "nutraceutical" is used to describe "dietary supplements as medicinally or nutritionally functional foods. Nutraceuticals, which have also been called medical foods, designer foods, phytochemicals, functional foods and nutritional supplements, include such everyday products as 'bio' yogurts and fortified breakfast cereals, as well as vitamins, herbal remedies and even genetically modified foods and supplements. Many different terms and definitions are used in different countries."; The term was coined in 1989 by Stephen De Felice, founder and chairman of the Foundation for Innovation in Medicine, an American organization, a medical health research group; Dr. Felice defined a nutraceutical as a "food, or parts of a food, that provide medical or health benefits, including the prevention and treatment of disease"; and according to the U.S. Food and Drug Administration (FDA), Food Labeling & Nutrition Terms such as "functional foods" or "nutraceuticals" are widely used in the marketplace. They are regulated by FDA under the authority of the Federal Food, Drug, and Cosmetic Act (DSHEA), even though they are not specifically defined by law. Cited in Bull, E., et al. "What defines a nutraceutical?" Pharmaceutical Journal. (2000).

xiii Prince, J., "Baby Boomers Still Driving Dietary Supplements." Vitafoods Industry Survey in Nutritional Outlook. April 23, 2018.

Daniells, S. "Generational preferences affect engagement with dietary supplement brands." Nutraingredients-usa.com. November 9, 2019.

xiiv "New Research from CBD Marketing Confirms How Generational Preferences Affect Consumer Engagement with Dietary Supplement Brands." CBD Marketing (Content Hub). November 8, 2019.

xiv Wallace, T. "2018 Omnichannel Buying Report, BigCommerce Ecommerce Research: The Global Omni-Channel Consumer Shopping Research Report." (2018).

xlvi Stone, J. "Simplicity wins with boomers." Engage: Boomers. September 5, 2017.

xlvii Ihid

xiviii Kelly, G. "The new model for consumer goods." McKinsey. April 23, 2018.

xiix Breuer, R. "What matters in customer-experience transformations." McKinsey. July 12, 2019.

Stone, "Simplicity wins with boomers."

Soo, B. "Cross-generation eCommerce: Catering to senior citizen shoppers." CommerceTools. February 13, 2020.

lii National Institute of Senior Centers (NCOA) Center for Healthy Aging, Healthy Aging Facts, chronic disease and falls prevention (2020).

Thomas, L. et al. "Start-ups are targeting baby boomers." CNBC. 2016.