Social Media Use among Winery Tasting Room Visitors

By

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ABSTRACT

This study investigated the utilization of internet platforms, applications, and various computing devices by visitors to winery tasting rooms when planning their trips. The research drew upon the theoretical foundations of Consumer Behavior Theory and the Consumer Purchase Decision Model. An online survey was administered to tasting room visitors at 20 wineries located in the American Southwest. The findings were categorized into three distinct phases of tourism planning: pre-travel, during-travel, and post-travel. The results revealed that tasting room visitors relied extensively on smartphones, nearly at par with laptops/desktop computers, for their travel planning and booking needs.

Introduction

The rural population of the United States has been steadily declining in recent years due to the diminishing traditional industries such as manufacturing, mining, forestry, fishing, and

agriculture production, as indicated by the U.S. Census Bureau in 2015. Over the past halfcentury, a significant portion of this population has migrated from rural areas to metropolitan centers, as highlighted in the 2010 U.S. Census. This demographic shift has resulted in economic challenges for many rural communities, compelling them to explore novel approaches to stimulate their economies, enhance community attractiveness, and attract both business owners and young families to settle in rural regions, as discussed by Dimitri et al. in 2005. One promising solution that has emerged is the development of agricultural tourism.

The growth of agricultural tourism can play a pivotal role in fostering economic development within these communities by promoting the consumption of local products and the provision of various services, as noted by Wargenau and Che in 2006. Specifically, wineries that offer on-site tasting rooms can serve as valuable tourist destinations, as suggested by Carmichael in 2005. In emerging wine regions, many wineries rely heavily on revenue generated from tourists visiting their tasting rooms.

The significance of this research lies in its focus on wineries and their pivotal role as destinations for agricultural tourism. A winery's tasting room serves as a distinctive agricultural tourism attraction, generating employment opportunities through the provision of services and the sale of products. The stronger and more sustainable wineries become, the greater their capacity to contribute to the local economy's growth. Wine tourism can serve as a catalyst for economic expansion within communities, as wine tourists often explore other local attractions in addition to visiting tasting rooms, as emphasized by Wargenau and Che in 2006.

Increased tourism visitation increases social opportunities for visitors as well as regional consumers through social and/or cultural experiences, personal development, and interactivity

(Anwar & Sohail, 2004). Consequently, it is necessary for winery owners and destination marketers to enhance existing traditional marketing strategies (brochures, billboards, and advertisements) to encourage on-site tasting room sales to consumers (Lynch & Horton, 2002). More importantly, winery owners should examine and develop online technology based marketing plans, to further promote their business.

In the past fifteen years, the number of people using the Internet has increased from 122 million users to over 300 million users in the United States (World Bank, 2015). Rapid technological advances continue to influence consumers, including their travel planning (Lou et al., 2005). Online marketing is an ever present force that lures, informs, and often pressures people when making their travel choices. When approximately 95% of Internet users rely on information from the web as part of their travel information search process, according to Cox, et al. (2009), it becomes extremely important for destination marketers and business owners to understand how mobile technology and the devices used impact travelers.

The results of this study may assist winery owners to more effectively market winery tasting rooms to a wider population. This will in turn enhance local agriculture tourism visitation, increase economic development, and create more employment opportunities for young people and families in rural areas. Additionally, improved tourism attendance will increase social opportunities for both the visitor as well as the local residents (Anwar & Sohail, 2004).

The consumer process of selecting destinations and planning travel is typically based on the fivestage consumer purchase model (Engel et al., 1968), which includes: need recognition; information search; evaluation of alternatives; purchase decision; and post-purchase behavior. In a tourism context, these stages are often classified into pre-travel, during travel, and post-travel phases (Cox et al., 2009). Recent research by Karanasios, Sellitto, & Burgess, (2015) illustrates tourism research specifically focused on use of mobile technology, which further demonstrates the planning process of tourists using technology during the three stages of trip planning (Figure 1.).

Tourist Planning Stages		
Pre-trip	During-trip	Post- trip
Aligned Mobile Information Services		
Information Search Access/retrieval of information Tourism Products Book— flights, car-hire and accommodation. Manage pre-trip bookings.	Information Search Access/retrieval of information (in-situ) Tourism Products Bookings- flights, accommodation, car-hire (in-situ) Community Capture/recording of experiences through reviews and commentary in real-time and/or close to time-of-experience. Context— location-based Foreign language translators Multimedia presentations of tourism activities Mapping of emergency contacts Information associated with tourist micro-moments Context— individual-based Personalised recommendations associated with tours, accommodation, restaurants & transport.	Community Capture/recording of experiences (reflection).

Figure 1. Conceptual Framework, Tourist Planning Stages (Karanasios, et al., 2015)

References

- Anwar, S. A., and Sohail, M. S. (2004). Festival tourism in the United Arab Emirates: First-time versus repeat visitor perceptions. *Journal of Vacation Marketing*, 10(2), 161–170. doi:10.1177/135676670401000206.
- Atton, C. (2002). Alternative media. Thousand Oaks, CA: Sage.
- Beri, G. C (2008). Marketing research (4th ed). Tata McGraw-Hill, New Delhi.
- Berkman, H. W., and Gilson, C. (1986). *Consumer behavior: Concepts and strategies*. Boston, MA: Kent Publishing Company.
- Bohn, R. and Short, J. (2012). Measuring consumer information. *International Journal of Communication*, *6*, 980-1000.

- CA Security Council (2015). 2015 Consumer Trust Survey: CASC Survey Report. Retrieved from: https://casecurity.org/wp-content/uploads/2015/04/CASC-Consumer-Survey-Report-2015.pdf.
- Campbell, G., and Guibert, N. (2006). Introduction: Old World strategies against New World competition in a globalising wine industry. British Food Journal, 108(4), 233-242.
- Choi, S. J., Lehto, X. Y., and O'Leary, J. T. (2007). What does the consumer want from a DMO website? A study of US and Canadian tourists' perspectives. International Journal of Tourism Research, 9, 59–72.
- Culbertson, M. J., McCole, D. T. & McNamara, P. E. (2014). Practical Challenges and Strategies for Randomized Control Trials in Agricultural Extension and Other Development Programs. *Journal of Development Effectiveness*, 6(3), 284-299. DOI: 10.1080/19439342.2014.919339
- Dimitri, C., Effland, A. B., and Conklin, N. C. (2005). *The 20th century transformation of US agriculture and farm policy* (Vol. 3). Washington, DC, USA: US Department of Agriculture, Economic Research Service.
- Dodd, Tim H. (1995). Opportunities and Pitfalls of Tourism in a Developing Wine Industry. *International Journal of Wine Marketing* 7.1: 5.
- Duarte Alonso, A., Bressan, A., O'Shea, M., and Krajsic, V. (2014). Educating winery visitors and consumers: An international perspective. *Current Issues in Tourism*, 17(6), 539-556. doi:10.1080/13683500.2012.746650.
- Edgell, D. L. Sr., and Linda Harbaugh (1993). "Tourism Development: An Economic Stimulus in the Heart of America." *Business America*, 114 (2): 17-18.
- Holecek, D., & McCole, D. T. (2015). Who are the consumers of cold-climate wines. Cornell University, *The Northern Grapes News*. Available at <u>https://ecommons.cornell.edu/bitstream/handle/1813/110104/2013-14-Y3-NB-Obj4-</u> <u>Consumers-Of-Cold-Climate-Wines.pdf?sequence=1</u>
- Engel, J. F., D. T. Kollat, and R. D. Blackwell. (1968). *Consumer Behavior*. New York: Holt, Rinehart and Winston.
- Gavalas, D., and Kenteris, M. (2011). A web-based pervasive recommendation system for mobile tourist guides. *Personal and Ubiquitous Computing*, *15*(7), 759-770.
- Getz, D., and Brown, G. (2006). Critical success factors for wine tourism regions: a demand analysis. *Tourism Management*, 27(1), 146–158. http://doi.org/10.1016/j.tourman.2004.08.002.
- Gomez, M., & Kelley, E. (2013). *The tasting room experience and winery customer satisfaction* (No. 186556). Cornell University, Department of Applied Economics and Management.
- Gretzel, U., Fesenmaier, D. R., and O'leary, J. T. (2006). The transformation of consumer behaviour. *Tourism business frontiers: Consumers, products and industry*, 9-18.
- Hwang, Y. (2011). "A Theory of Unplanned Travel Decisions: Implications for Modeling Onthe-Go Travelers." Information Technology and Tourism, 12: 283-96.
- McCole, D. T. & Holecek, D., & Popp, A. (2014). Understanding the travel behaviors of wine tourists in Michigan's Leelanau Peninsula. *The Northern Grapes News*, 3(3), pp. 3-6.
- Karanasios, S. (2015). Data from Victoria university advance knowledge in information technology (mobile devices and information patterns amongst tourists). *Information Technology Newsweekly*, 61.

- Kidd, D. (2003). Indymedia.org: A new communications commons. In M. McCaughey and M. Ayers (Eds.), *Cyberactivism: Online activism in theory and practice* (pp. 47–70). New York: Routledge.
- Holecek, D., McCole, D. T., & Lee, J. (2016). Tasting Room Visitor Surveys: Experience with and Enjoyment of Cold-Hardy Wines. *The Northern Grapes News*, *5*(2), pp. 8-9.
- Kramer, R., Modsching, M., Hagen, K., & Gretzel, U. (2007). Behavioural impacts of mobile tour guides. Information and Communication Technologies in Tourism, 109-118.
- Kruger, S., Rootenberg, C., and Ellis, S. (2013). Examining the influence of the wine festival experience on tourists' quality of life. *Social Indicators Research*, *111*(2), 435-452. doi:10.1007/s11205-012-0013-0.
- Landow, G. (2006). *Hypertext 3.0: Critical theory and new media in an era of globalization*. Baltimore: Johns Hopkins University Press.
- Lee, J. .-H., McCole, D., Holecek, D. (2020). Exploring winery visitors in the emerging wine regions of the north central United States. *Sustainability*, 12(4), 1642. DOI: 10.3390/su12041642
- Leiper, N. (1979). The framework of tourism: Towards a definition of tourism, tourist, and the tourist industry. *Annals of tourism research*, *6*(4), 390-407.
- Malete, L., McCole, D., Tshepang, T., Ocansey, R., Mphela, T., Maro, C., Adamba, C., and Kazi, J. (2019). Effects of a multiport-sport PYD intervention program on life skills and entrepreneurship in youth athletes. *Journal of Sport & Exercise Psychology*, *41*(1), 77-88.
- Leung, D., Law, R., Hoof, H. v., and Buhalis, D. (2013). Social media in tourism and hospitality: A literature review. *Journal of Travel and Tourism Marketing*, *30*(1-2), 3.
- Li, X., and Wang, Y. C. (2011). China in the eyes of western travelers as represented in travel blogs. *Journal of Travel and Tourism Marketing*, 28(7), 689–719.
- Lockshin, L., and Corsi, A. M. (2012). Consumer behaviour for wine 2.0: A review since 2003 and future directions. *Wine Economics and Policy*, 1(1), 2-23.
- McCole, D. T., Holecek, D., Eustice, C., & Lee, J., (2018). Understanding wine tourists in emerging wine regions: An examination of tasting room visitors in the Great Lakes region of the U.S. Tourism Review International, 22(2), 153-168. DOI: 10.3727/154427218X1531928637230
- Luo, M., Feng, R., and Cai, L. A. (2005). Information search behavior and tourist characteristics: The internet vis-à-vis other information sources. *Journal of Travel and Tourism Marketing*, 17(2-3), 15-25.
- Lynch, P. and Horton, S. (2002), Web Style Guide: Basic Design Principles for Creating Web Sites, Yale University, New Haven, CT.
- McCole, D. T. & Joppe, M. (2014). The search for meaningful tourism indicators: The case of the International Upper Great Lakes Study. *Journal of Policy Research in Tourism, Leisure and Events*, 6(3), 248-263. DOI: 10.1080/19407963.2013.877471
- MediaBistro. (2014). Facebook, Twitter, Instagram, Pinterest, Vine, Snapchat Social Media Stats 2014 [INFOGRAPHIC].
- Morrison, A. M. (1989). Hospitality and tourism marketing. Albany, NY: Delmar.
- McCole, D. T., Bobilya, A., Holman, T., Lindley, B. (2019). Benefits of summer camp: What do parents value? *Journal of Outdoor Recreation, Education and Leadership, 11*, 239-247. DOI: 10.18666/JOREL-2019-V11-I3-9672

- Nicholas, D., Clark, D., Rowlands, I. and Jamali, H. R. (2013). Information on the go: a case study of European mobile users. *Journal of the American Society for Information Science and Technology*, *64*(7), 1311-1322.
- Nielson Global (2014). <u>Under the Influence: Consumer Trust In Advertising</u>. Retrieved from: http://www.nielsen.com/us/en/insights/news/2013/under-the-influence-consumer-trust-inadvertising.html.
- Northern Grapes Project. (2014) Year 4 Progress Report September 2014 September 2015. Retrieved from: http://northerngrapesproject.org/wpcontent/uploads/2016/02/Year-4-Northern-Grapes-Project-Progress-Report.pdf.
- McCole, D. T. & Vogt, C., (2011). Informing sustainability decisions: The role of parks, recreation, and tourism scholars in addressing unsustainability. *Journal of Park and Recreation Administration*. 29(3), 38-54.
- Notarius, B., Nayak, D., Jani, A., Chan, K., Benati, P., & McNichol, A. (2001). U.S. Patent Application No. 09/929,214.
- Miao, L. (2014). Self-regulation and "other consumers" at service encounters: A sociometer perspective. International Journal of Hospitality Management, 39(May), 122-129. <u>https://doi.org/10.1016/j.ijhm.2014.02.014</u>
- Minnema, A., Bijmolt, T. H. A., Gensler, S., & Wiesel, T. (2016). To keep or not to keep: Effects of online customer reviews on product returns. Journal of Retailing, 92(3), 253-267. <u>https://doi.org/10.1016/j.jretai.2016.03.001</u>
- Montoya, A. K., & Hayes, A. F. (2017). Two-condition within-participant statistical mediation analysis: A path-analytic framework. Psychological Methods, 22(1), 6-27. <u>https://doi.org/10.1037/met0000086</u>
- Murphy, R. (2019, December 11). Local consumer review survey | online reviews, Statistics & trends. BrightLocal. https://www.brightlocal.com/research/local-consumer-reviewsurvey/ National Restaurant Association. (2019). 2019 Restaurant Industry Factbook. https:// www.restaurant.org/Downloads/PDFs/Research/SOI/restaurant_industry_fact_ sheet_2019.pdf
- Noone, B. M., & Mattila, A. S. (2010). Consumer goals and the service encounter: Evaluating goal importance and the moderating effect of goal progress on satisfaction formation. Journal of Hospitality & Tourism Research, 34(2), 247-268. https://doi. org/10.1177/1096348009350619
- Norman, G. (2010). Likert scales, levels of measurement and the "laws" of statistics. Advances in Health Sciences Education, 15(5), 625-632. https://doi.org/10.1007/ s10459-010-9222y
- Orús, C., Gurrea, R., & Flavián, C. (2017). Facilitating imaginations through online product presentation videos: Effects on imagery fluency, product attitude and purchase intention. Electronic Commerce Research, 17(4), 661-700. https://doi.org/10.1007/ s10660-016-9250-7
- Pham, M. T., & Avnet, T. (2004). Ideals and oughts and the reliance on affect versus substance in persuasion. Journal of Consumer Research, 30(4), 503-518. https://doi. org/10.1086/380285
- Ponnam, A., & Balaji, M. S. (2014). Matching visitation-motives and restaurant attributes in casual dining restaurants. International Journal of Hospitality Management, 37(February), 47-57. <u>https://doi.org/10.1016/j.ijhm.2013.10.004</u>

- Purnawirawan, N., Eisend, M., De Pelsmacker, P., & Dens, N. (2015). A meta-analytic investigation of the role of valence in online reviews. Journal of Interactive Marketing, 31(August), 17-27. https://doi.org/10.1016/j.intmar.2015.05.001 ReviewTracker. (2018). 2018 ReviewTrackers online reviews survey. https://www. reviewtrackers.com/reports/online-reviews-survey/
- Robberson, M. R., & Rogers, R. W. (1988). Beyond fear appeals: Negative and positive persuasive appeals to health and self-esteem. Journal of Applied Social Psychology, 18(3), 277-287. <u>https://doi.org/10.1111/j.1559-1816.1988.tb00017.x</u>
- Roberts, C., & Shea, L. J. (2017). Dining behaviors: Considering a foodservice theory of inhome, local community, and eating while traveling. Journal of Hospitality & Tourism Research, 41(4), 393-397. https://doi.org/10.1177/1096348017693053
- Oppermann, M. (1996). "Rural Tourism in Southern Germany." Annals of Tourism Research, 23 (1): 86-102.
- Pan, B., and Fesenmaier, D. R. (2006). Online information search: Vacation planning process. Annals of Tourism Research, 33, 809–832.
- Pantelidis, I. S. (2010). Electronic meal experience: A content analysis of online restaurant comments. *Cornell Hospitality Quarterly*.
- Popp, L. (2013). Understanding the push and pull motivations and itinerary patterns of wine tourists. Master's Thesis. Michigan State University
- Qian, F. (2015). Toward mobile-friendly web browsing. *IEEE Internet Computing*, 19(5), 72-76. doi:10.1109/MIC.2015.98
- Ramsaran-Fowdar, R., and Fowdar, S. (2013). The implications of Facebook marketing for organizations. *Contemporary Management Research*, 9(1), 73-83.
- Rasinger, J., M. Fuchs, and W. Hopken. (2007). "Information Search with Mobile Tourist Guides: A Survey of Usage Intention." Information Technology and Tourism, 9 (3-4): 177-94.
- Schuckert, M., Liu, X., and Law, R. (2015). Hospitality and tourism online reviews: Recent trends and future directions. *Journal of Travel and Tourism Marketing*, 32(5), 608. doi:10.1080/10548408.2014.933154.
- Sigala, M. (2007). WEB 2.0 in the tourism industry: A new tourism generation and new ebusiness models.
- Statista, 2016. People who use their cell phone for maps/GPS navigation (USA). (2016). Retrieved April 1, 2016, from http://www.statista.com/statistics/231615/people-who-use-their-cell-phone-for-maps-gps-navigation-usa/.
- Tussyadiah, I. P., and Wang, D. (2016). Tourists' Attitudes toward Proactive Smartphone Systems. *Journal of Travel Research*, *55*(4), 493–508. http://doi.org/10.1177/0047287514563168.
- U.S. Census Bureau. Bureau of Economic Analysis. (2015) 1950–2010: National Income and Product Accounts. http://www.bea.gov/National/index.htm.
- Vavoula, G., Pachler, N., and Kukulska-Hulme, A. (2011;2009;). *Researching mobile learning: Frameworks, tools and research designs.* GB: Peter Lang Ag.
- Vogt, C. A., and Fesenmaier, D. R. (1995). Tourists and retailers' perceptions of services. *Annals* of *Tourism Research*, 22(4), 763-780.
- Wang, D., Park, S., & Fesenmaier, D. R. (2012). Mobile technology, everyday experience and travel: A multi-stage model. TTRA 2012 International Annual Conference. Virginia Beach, Virginia, U.S., June 19-21.

- Wang, D., Park, S., and Fesenmaier, D. R. (2012;2011;). The role of smartphones in mediating the touristic experience. *Journal of Travel Research*, 51(4), 371-387. doi:10.1177/0047287511426341.
- Wang, D., Xiang, Z., & Fesenmaier, D. R. (2014). Adapting to the mobile world: A model of smartphone use. *Annals of Tourism Research*, 48, 11-26. doi:10.1016/j.annals.2014.04.008.
- Want, R. (2009). "When Cell Phones Become Computers." Pervasive Computing, IEEE, 8 (2): 2-5.
- Wargenau, A., and Che, D. (2006). Wine tourism development and marketing strategies in southwest Michigan. *International Journal of Wine Marketing*, 18(1), 45-60. doi:10.1108/09547540610657678.
- Williams, P. W., and Dossa, K. B. (2003). Non-resident wine tourist markets: Implications for British Columbia's emerging wine tourism industry. *Journal of Travel and Tourism Marketing*, 14(3-4), 1-34.
- Wilson, D., and Quinton, S. (2012). Let's talk about wine: does Twitter have value? *International Journal of Wine Business Research*, 24(4), 271-286.
- Wilson, S., Fesenmaier, D. R., Fesenmaier, J., & Van Es, J. C. (2001). Factors for success in rural tourism development. *Journal of Travel research*, 40(2), 132-138.
- World Bank. (2015). Number of internet users in the United States from 2000 to 2015 (in millions). Retrieved from http://www.statista.com/statistics/276445/number-of-internet-users-in-the-united-states/.
- Yang, Y., and Coffey, A. J. (2014). Audience valuation in the new media era: Interactivity, online engagement, and electronic word-of-mouth value. *International Journal on Media Management*, 16(2), 77-103. doi:10.1080/14241277.2014.943899.
- Yuan, J. J., Cai, L. A., Morrison, A. M., and Linton, S. (2005). An analysis of wine festival attendees' motivations: A synergy of wine, travel and special events? *Journal of Vacation Marketing*, 11(1), 41–58. http://doi.org/10.1177/1356766705050842.