

## Chapter 9

# FINANCIAL LITERACY LITERATURE ON EMERGING ECONOMIES

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### Introduction

There is a heavy price in terms of the significant cost of financial ignorance. Research on financial literacy has indicated a general lack of requisite financial abilities leading to consistent poor financial decisions among certain pockets of the population which in turn portends an enormous social problem. Women, the less wealthy, the uneducated are among those habitually tied to poor financial decisions. Decisions regarding investment, retirement planning and general household savings are the main areas that have received repeated reviews with the conclusion remaining dire in most contexts. To remedy this, several studies have instituted and investigated the variety of ways through which courses on finance and economics could be handled to improve financial awareness of the masses. However, some still proffer that it is a lost cause since none of the training is capable of providing value for its money. They indicate that financial ability is a factor of cognitive and numerical abilities (Willis, 2009, p. 222), hence even the best-designed training may not achieve much.

As the study on Financial literacy gained momentum, it was established early that the developing world is financially illiterate. According to the results by most studies on the topic (Lusardi and Mitchell, 2007ab, 2008, 2011a), the following remain true; The whites, males, the well-educated and the wealthy are more financially sophisticated, and by this account, developing countries have been largely neglected in the study of FL. This is according to the following account from the review of 53 studies on the topic conducted between 2007 and 2017 and based on their reach as determined by the number of citations they have garnered. The impact of FL on financial decisions like retirement planning, wealth accumulation and participation in the stock market has been extensively covered especially with respect to the developed world with America appearing 28 times.

Financial literacy became a key component of academic research and a vital area of concern for policymakers in the dying years of the 20<sup>th</sup> century. The 1990s saw an influx of research in the area, mostly driven by the structural economic changes rising from the ongoing global economic liberalizations, the inundation of new widely available and complex financial products, the anticipation of the retirement

Bulte and Lensink, (2016, p. 1586) also found financial knowledge to positively influence the behavior of individuals through engagement in income-generating activities and saving more. These results echo those found in an American setting by Lusardi (2008) that lack of information and general financial ignorance hinders savings and retirement planning by individuals.

## **Summary and Conclusion**

The financial literacy literature is determined in proving the ills of ignorance and benefits of awareness. Planning for retirement proves to be the most important factor for most researchers as they seek to account for the amount of wealth that individuals accumulate in anticipation of old age. Investment and how individuals handle the stock market has also received a fair share of focus. Others include financial literacy education and general attitude and perception of consumers depending on their financial behavior. The financial narrative in most developing countries is still focused on access and awareness of the financial products. The other concepts indicated like retirement planning and stock market participation haven't taken root in these economies, at least, as far as the literature. Most developing countries lack national surveys on FL that are available in many of their developed peers. There is also a lack of a common, easily comparable instrument that could be used to evaluate the financial literacy level while being cognizant of the cultural and idiosyncratic differences of the various economies.

The studies in this review have pervasively considered various aspects of household financial behaviors and financial literacy. However, there is a clear lack of presentation of the developing world with regard to financial literacy despite so much going on in these countries regarding the topic. It is our belief that the situation in the emerging economies has not been understood well enough due to lack of exposure in research work. As indicated in this review, despite the lack of active participation in the formal financial systems, developing countries have their own complex idiosyncratic financial formats like savings, credits and even insurance that meet their financial needs. Hopefully, researchers will take up the challenge and exploit the role of financial literacy in building the financial systems of these countries.

Our study may have been limited by our search criteria that relied on Google Scholar and the number of citations to limit impact of the studies considered.

## **Reference**

- Abreu, M., & Mendes, V. (2010). Financial Literacy and Portfolio Diversification. *Quantitative Finance*, 10(5), 515-528.
- Almenberg, J., & Säve-Söderbergh, J. (2011). Financial Literacy and Retirement Planning in Sweden. *Journal of Pension Economics and Finance*, 10(4), 585-598.
- Atkinson, A., & Messy, F. A. (2011). Assessing Financial Literacy in 12 Countries: an OECD/INFE International Pilot Exercise. *Journal of Pension Economics & Finance*, 10(4), 657-665.
- Beck T, Asli D Ross L (2007). Bank Supervision and Corruption in Lending, *J. Monetary Econ.* 53: 2131-63
- Beck, T. (2007). Financing Constraints of SMEs in Developing Countries: Evidence, Determinants and Solutions. *In KDI 36th Anniversary International Conference* (pp. 26-27).

- Behrman, J. R., Mitchell, O. S., Soo, C. K., & Bravo, D. (2012). How Financial Literacy Affects Household Wealth Accumulation. *American Economic Review*, 102(3), 300-304.
- Behrman, J. R., Mitchell, O. S., Soo, C., & Bravo, D. (2010). *Financial Literacy, Schooling, and Wealth Accumulation* (No. w16452). National Bureau of Economic Research.
- Bucher-Koenen, T., & Lusardi, A. (2011). Financial Literacy and Retirement Planning in Germany. *Journal of Pension Economics & Finance*, 10(4), 565-584.
- Calcagno, R., & Monticone, C. (2015). Financial Literacy and the Demand for Financial Advice. *Journal of Banking & Finance*, 50, 363-380.
- Calvet, L. E., Campbell, J. Y., & Sodini, P. (2009). Measuring the Financial Sophistication of Households. *American Economic Review*, 99(2), 393-98.
- Carlin, B. I., & Robinson, D. T. (2012). What Does Financial Literacy Training Teach Us? *The Journal of Economic Education*, 43(3), 235-247.
- Carpene, F., Cole, S., Shapiro, J., & Zia, B. (2011). *Unpacking the Causal Chain of Financial Literacy*. The World Bank.
- Christelis, D., Jappelli, T., & Padula, M. (2010). Cognitive Abilities and Portfolio Choice. *European Economic Review*, 54(1), 18-38.
- Cohen, M., & Nelson, C. (2011). Financial Literacy: A Step for Clients Towards Financial Inclusion. *Global Microcredit Summit*, 1-34.
- Cole, S. A., & Shastry, G. K. (2009). *Smart Money: The Effect of Education, Cognitive Ability, and Financial Literacy on Financial Market Participation* (pp. 09-071). Boston, MA: Harvard Business School.
- Cole, S. A., Sampson, T. A., & Zia, B. H. (2009). *Financial Literacy, Financial Decisions, and the Demand for Financial Services: Evidence from India and Indonesia* (pp. 09-117). Cambridge, MA: Harvard Business School.
- Collins, J. M. (2012). Financial Advice: A Substitute for Financial Literacy? *Financial Services Review*, 21(4), 307-322.
- Disney, R., & Gathergood, J. (2013). Financial Literacy and Consumer Credit Portfolios. *Journal of Banking & Finance*, 37(7), 2246-2254.
- Fernandes, D., Lynch Jr, J. G., & Netemeyer, R. G. (2014). Financial Literacy, Financial Education, and Downstream Financial Behaviors. *Management Science*, 60(8), 1861-1883.
- Fornero, E., & Monticone, C. (2011). Financial Literacy and Pension Plan Participation in Italy. *Journal of Pension Economics and Finance*, 10(4), 547-564.
- Gathergood, J. (2012). Self-control, Financial Literacy and Consumer Over-Indebtedness. *Journal of Economic Psychology*, 33(3), 590-602.
- Gaudecker, H. M. V. (2015). How Does Household Portfolio Diversification Vary with Financial Literacy and Financial Advice? *The Journal of Finance*, 70(2), 489-507.
- Gerardi, K. (2010). *Financial Literacy and Subprime Mortgage Delinquency: Evidence from a Survey Matched to Administrative Data*. DIANE Publishing.
- Guiso, L., & Jappelli, T. (2008). "Financial Literacy and Portfolio Diversification," CSEF Working Papers 212, Centre for Studies in Economics and Finance (CSEF), University of Naples, Italy.
- Hassan Al-Tamimi, H. A., & Anood Bin Kalli, A. (2009). Financial Literacy and Investment Decisions of UAE Investors. *The Journal of Risk Finance*, 10(5), 500-516.
- Hastings, J. S., & Mitchell, O. S. (2011). *How Financial Literacy and Impatience Shape Retirement Wealth and Investment Behaviors* (No. w16740). National Bureau of Economic Research.
- Hastings, J. S., & Mitchell, O. S. (2011). *How Financial Literacy and Impatience Shape Retirement Wealth and Investment Behaviors* (No. w16740). National Bureau of Economic Research.
- Hastings, J. S., Madrian, B. C., & Skimmyhorn, W. L. (2013). Financial Literacy, Financial Education, and Economic Outcomes. *Annual Review of Economics* 2013 5:1, 347-373
- Holzmann, R. (2010). *Bringing Financial Literacy and Education to Low- and Middle-Income Countries: The Need to Review, Adjust, and Extend Current Wisdom*. World Bank.
- Huston, S. J. (2010). Measuring Financial Literacy. *Journal of Consumer Affairs*, 44(2), 296-316.
- Jappelli, T. (2010). Economic Literacy: An International Comparison. *The Economic Journal*, 120(548), F429-F451.
- Jappelli, T., & Padula, M. (2013). Investment in Financial Literacy and Saving Decisions. *Journal of Banking & Finance*, 37(8), 2779-2792.
- Jonubi, A., & Abad, S. (2013). The Impact of Financial Literacy on Individual Saving: An Exploratory Study in the Malaysian Context. *Transformations in Business & Economics*, 12(1), 28, 41-55.

- Karakurum-Ozdemir, K., Kokkizil, M., & Uysal, G. (2018). Financial Literacy in Developing Countries. *Social Indicators Research*, 1-29.
- Kefela, G. (2011). Implications of Financial Literacy in Developing Countries. *African Journal of Business Management*, 5(9), 3699-3705.
- Kefela, G. T. (2010). Promoting Access to Finance by Empowering Consumers-Financial Literacy in Developing Countries. *Educational Research and Reviews*, 5(5), 205-212.
- Klapper, L., & Panos, G. A. (2011). Financial Literacy and Retirement Planning: The Russian Case. *Journal of Pension Economics & Finance*, 10(4), 599-618.
- Klapper, L., Lusardi, A., & Panos, G. A. (2013). Financial Literacy and its Consequences: Evidence from Russia During the Financial Crisis. *Journal of Banking & Finance*, 37(10), 3904-3923.
- Kojo Oseifuah, E. (2010). Financial Literacy and Youth Entrepreneurship in South Africa. *African Journal of Economic and Management Studies*, 1(2), 164-182.
- Kojo Oseifuah, E. (2010). Financial Literacy and Youth Entrepreneurship in South Africa. *African Journal of Economic and Management Studies*, 1(2), 164-182.
- Kozup, J., & Hogarth, J. (2008). Financial Literacy, Public Policy, and Consumers' Self-Protection—More Questions, Fewer Answers. *The Journal of Consumer Affairs*, 42(2), 127-136.
- Lusardi, A. (2008a). *Household Saving Behavior: The Role of Financial Literacy, Information, and Financial Education Programs* (No. w13824). National Bureau of Economic Research.
- Lusardi, A. (2008b). *Financial Literacy: An Essential Tool for Informed Consumer Choice?* (No. w14084). National Bureau of Economic Research.
- Lusardi, A. (2012). *Numeracy, Financial Literacy, and Financial Decision-Making* (No. w17821). National Bureau of Economic Research.
- Lusardi, A., & Mitchell, O. (2007). *Financial Literacy and Retirement Planning: New Evidence from the Rand American Life Panel*. Michigan Retirement Research Center Research Paper No. WP 2007-157
- Lusardi, A., & Mitchell, O. (2008). "Planning and Financial Literacy: How Do Women Fare?" *American Economic Review*, 98(2):413-17.
- Lusardi, A., & Mitchell, O. (2009). *How Ordinary Consumers Make Complex Economic Decisions: Financial Literacy and Retirement Readiness* (No. w15350). National Bureau of Economic Research.
- Lusardi, A., & Mitchell, O. (2011a). Financial Literacy Around the World: An Overview. *Journal of Pension Economics and Finance*, 10(4), 497-508.
- Lusardi, A., & Mitchell, O. (2011b). *Financial Literacy and Planning: Implications for Retirement Well-being* (No. w17078). National Bureau of Economic Research.
- Lusardi, A., & Mitchell, O. (2014). The Economic Importance of Financial Literacy: Theory and Evidence. *Journal of Economic Literature*, 52(1), 5-44.
- Lusardi, A., & Scheresberg, C. D. B. (2013). *Financial Literacy and High-Cost Borrowing in The United States* (No. w18969). National Bureau of Economic Research.
- Lusardi, A., Mitchell, O. S., & Curto, V. (2010). Financial Literacy Among the Young. *Journal of Consumer Affairs*, 44(2), 358-380.
- Mandell, L., & Klein, L. (2009). The Impact of Financial Literacy Education on Subsequent Financial Behavior. *Journal of Financial Counseling and Planning*, 20(1), 15-24.
- Mandell, L., & Klein, L. S. (2007). Motivation and Financial Literacy. *Financial Services Review*, 16(2), 105-116.
- Monticone, C. (2010). How Much Does Wealth Matter in the Acquisition of Financial Literacy? *Journal of Consumer Affairs*, 44(2), 403-422.
- Remund, D. L. (2010). Financial literacy explicated: The Case for a Clearer Definition in an Increasingly Complex Economy. *Journal of Consumer Affairs*, 44(2), 276-295.
- Sayinzoga, A., Bulte, E. H., & Lensink, R. (2016). Financial Literacy and Financial Behaviour: Experimental Evidence from Rural Rwanda. *The Economic Journal*, 126(594), 1571-1599.
- Schuchardt, J., Hanna, S., Hira, T. K., Lyons, A., Palmer, L., & Xiao, J. J. (2009). Financial Literacy and Education Research Priorities. *Journal of Financial Counseling and Planning*, 20(1)
- Sekita, S. (2011). *Financial Literacy and Retirement Planning in Japan*. Netspar Discussion Paper No. 01/2011-016.
- Van Rooij, M. C., Lusardi, A., & Alessie, R. (2011). Financial literacy and retirement planning in the Netherlands. *Journal of Economic Psychology*, 32(4), 593-608.
- Van Rooij, M. C., Lusardi, A., & Alessie, R. J. (2012). Financial Literacy, Retirement Planning and Household Wealth. *The Economic Journal*, 122(560), 449-478.

*Economic And Administrative Sciences Volume I*

- Van Rooij, M., Lusardi, A., & Alessie, R. (2007). *Financial Literacy and Stock Market Participation* (No. w13565). National Bureau of Economic Research.
- Van Rooij, M., Lusardi, A., & Alessie, R. (2011). Financial Literacy and Stock Market Participation. *Journal of Financial Economics*, 101(2), 449-472.
- Wachira, M. I., & Kihui, E. N. (2012). Impact of Financial Literacy on Access to Financial Services in Kenya. *International Journal of Business and Social Science*, 3(19), 42-50.
- Willis, L. E. (2008). Against Financial-Literacy Education. *Iowa L. Rev.*, 94, 197.
- Willis, L. E. (2009). Evidence and Ideology in Assessing the Effectiveness of Financial Literacy Education. *San Diego L. Rev.*, 46, 415, 1-45.
- Xu, L., & Zia, B. (2012). *Financial Literacy Around the World: An Overview of the Evidence with Practical Suggestions for the Way Forward*. The World Bank.