

# TAX LOSS CARRYBACKS AND TAX-RELATED CASH FLOW POLICIES IN PERIODS OF FINANCIAL RECESSIONS

Stavroula Kourdoumpalou<sup>\*</sup>, Evangelos Chytis<sup>\*\*</sup>

<sup>\*</sup> University of Macedonia, Thessaloniki, Greece

<sup>\*\*</sup> University of Ioannina, Ioannina, Greece



**How to cite:** Kourdoumpalou, S., & Chytis, E. (2025). Tax loss carrybacks and tax-related cash flow policies in periods of financial recessions. In M. Pazarskis, A. Kostyuk, V. Santolamazza, & P. Capuano (Eds.), *Corporate governance: Scholarly research and practice* (pp. 101–103). Virtus Interpress.  
<https://doi.org/10.22495/cgsrapp19>

Copyright © 2025 The Authors

**Received:** 18.10.2024  
**Accepted:** 01.11.2024  
**Keywords:** Corporate Taxation, Tax Asymmetry, Tax Loss Carrybacks, Tax Loss Carryforwards, Tax Loss Offset  
**JEL Classification:** H21, H25, M41  
**DOI:** 10.22495/cgsrapp19

---

## Abstract

The asymmetric treatment of tax losses is an attribute common to almost all corporate income tax systems. This is most evident in times of financial recession when the liquidity, financial health, and even the survival of the companies are threatened. Tax loss carrybacks have been repeatedly used in the United States as a fiscal stimulus measure during recessionary conditions. Specifically, during the 2001 recession and the 2007–2009 recession the United States extended the tax loss carry-back period from two years to five years in order to improve firms' financial position and lower bankruptcy risk. In a similar vein, during the COVID-19 pandemic, the European Commission issued Recommendation 2021/801 which recommended the carry-back of losses for the small and medium-sized enterprises that were hit by the pandemic (European Commission, 2021). The measure would lead to an increase in the cash flow helping healthy businesses to survive.

A number of European Union Member States adopted this recommendation whereas some countries had already allowed the carry back of losses before the outbreak of the COVID-19 crisis. Specifically, in response to the COVID-19 crisis, three countries introduced a temporary acceleration of corporation tax loss relief whereas one country increased the loss carry-back amount that can be offset. There are also four

countries that adopted a temporal measure only for the years affected by the pandemic whereas one country incorporated a permanent 2-year loss carry-back period in its Tax Code. Greece is among the countries that did not adopt the recommendation. Undoubtedly, these divergent rules for the treatment of losses created an uneven playing field.

The purpose of this paper is to examine the liquidity and the financial position of the Greek companies three years after the pandemic and try to estimate whether the application of Commission Recommendation 2021/801 would have affected their cash holdings and to what extent (European Commission, 2021). First, we present analytical data regarding the impact that a tax loss carryback would have both on the cash flows of the firms and on public revenue. Then, we examine whether firms were able to offset their losses with profits in the following years or whether they did not recover from the economic recession. We believe that our findings will provide significant insight into the impact of tax asymmetries under the current corporate income tax law.

**Acknowledgements:** This work is part of a project that has received funding from the Research Fund of the University of Macedonia under the research funding programme in specific research areas.

## REFERENCES

- Albring, S. M., Dhaliwal, D. S., Khurana, I. K., & Pereira, R. (2011). Short-term incentive effects of a reduction in the NOL carryback period. *Journal of the American Taxation Association*, 33(2), 67–88. <https://doi.org/10.2308/atax-10138>
- Asen, E. (2021, June 23). *Net operating loss policies in the OECD*. Tax Foundation. <https://taxfoundation.org/data/all/global/net-operating-loss-policies-oecd/>
- Badenhorst, W. M., & Ferreira, P. H. (2016). The financial crisis and the value-relevance of recognized deferred tax assets. *Australian Accounting Review*, 26(3), 291–300. <https://doi.org/10.1111/auar.12101>
- Bethmann, I., Jacob, M., & Müller, M. A. (2018). Tax loss carrybacks: investment stimulus versus misallocation. *The Accounting Review*, 93(4), 101–125. <https://doi.org/10.2308/accr-51956>
- Cooper, M., & Knitte, M. (2006). Partial loss refundability: How are corporate tax losses used? *National Tax Journal*, 59(3), 651–663. <https://doi.org/10.17310/ntj.2006.3.16>
- Dobridge, C. L. (2021). Tax loss carrybacks as firm fiscal stimulus a tale of two recessions. *The Accounting Review*, 96(6), 153–181. <https://doi.org/10.2308/TAR-2019-0371>
- Dörr, J. O., Licht, G., & Murmann, S. (2022). Small firms and the COVID-19 insolvency gap. *Small Business Economic*, 58, 887–917. <https://doi.org/10.1007/s11187-021-00514-4>
- Ebeke, C. H., Jovanovic, N., Valderrama, L., & Jing, Z. (2021). Corporate liquidity and solvency in Europe during COVID-19: The role of policies. *IMF Working Papers*, 2021(056). <https://doi.org/10.5089/9781513570914.001>

- Erickson, M. M., Heitzman, S. M., & Zhang, X. F. (2013). Tax-motivated loss shifting. *The Accounting Review*, 88(5), 1657–1682. <https://doi.org/10.2308/accr-50496>
- European Commission. (2021). Commission Recommendation 2021/801 of 18 May 2021 on the tax treatment of losses during the COVID-19 crisis. <https://shorturl.at/7k4Kf>
- Goncharov, I., & Jacob, M. (2014). Why do countries mandate accrual accounting for tax purposes? *Journal of Accounting Research*, 52(5), 1127–1163. <https://doi.org/10.1111/1475-679X.12061>
- Graham, J., & Kim, H. (2009). The effects of the length of the tax-loss carryback period on tax receipts and corporate marginal tax rates. *National Tax Journal*, 62(3), 413–427. <https://doi.org/10.17310/ntj.2009.3.04>
- Hanappi, T. (2018). *Loss carryover provisions: Measuring effects on tax symmetry and automatic stabilisation* (OECD Taxation Working Paper No. 35). OECD Publishing. <https://doi.org/10.1787/bfbcd0db-en>
- Hanlon, M., & Heitzman, S. (2010). A review of tax research. *Journal of Accounting and Economics*, 50(2–3), 127–178. <https://doi.org/10.1016/j.jacceco.2010.09.002>
- Heitzman, S., & Lester, R. (2022). Net operating loss carryforwards and corporate savings policies. *The Accounting Review*, 97(2), 267–289. <https://doi.org/10.2308/TAR-2019-0085>
- Law No. 4172/2013, Income tax, urgent implementation measures of Law 4046/2012, Law 4093/2012 and Law 4127/2013 and other provisions. *Government Gazette A' 167*. Kantas. <https://www.kantas.eu/en/income-tax-4172-2013>
- Majd, S., & Myers, S. C. (1986). Tax asymmetries and corporate tax reform. In M. Feldstein (Ed.), *The effects of taxation on capital accumulation* (pp. 93–96). UCP. <https://www.nber.org/system/files/chapters/c7694/c7694.pdf>