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# Service Productivity in U.S. Credit Unions

| Chapter

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## The Service Productivity and Quality Challenge

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## Abstract

Credit unions play an important role in the financial intermediation segment of the service sector of the U.S. economy. Most credit unions are minuscule relative to the commercial banks and other financial institutions with which they compete, yet in 1990 over 14, 000 credit unions provided deposit and loan services to some 61 million members. Their significance stems not from their diminutive size, however, but from their organizational structure and their legal status. They are not-for-profit cooperative enterprises, pursuing different objectives than other financial intermediaries, under different legal and institutional constraints. Since credit unions serve so many members, many of whom have little or no contact with other financial intermediaries, their competitive viability is a matter of no

small import. The financial condition of credit unions is monitored by the industry's main regulatory body, the National Credit Union Administration (NCUA). The NCUA uses as its criteria various financial ratios, and has the objective of ensuring the financial safety and soundness of the industry. The industry's trade association, the Credit Union National Association (CUNA), is currently seeking a way of monitoring the industry's performance on a different set of criteria: the ability of credit unions to provide their membership with a range of services that is of sufficient quantity and quality to ensure the continued competitive viability of the industry. Thus while NCUA's orientation is toward financial soundness, CUNA's orientation is toward service provision.

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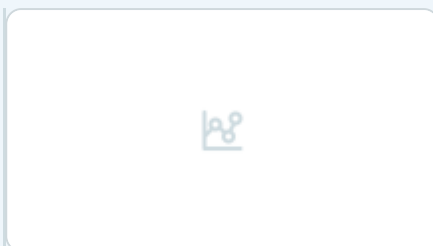
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## References

Banker, R.D., A. Charnes, and W.W. Cooper (1984). "Some models for estimating technical and scale inefficiencies in data envelopment analysis," *Management*

*Science* 30(9) (September), 1078–92.

[Article](#) [Google Scholar](#)

Bauer, P.W., A.N. Berger, and D.B. Humphrey (1993). “Efficiency and productivity growth in U.S. banking,” in H.O. Fried, C.A.K. Lovell, and S.S. Schmidt (eds.), *The Measurement of Productive Efficiency: Techniques and Applications* (Oxford University Press, New York), 386–413.

[Google Scholar](#)

Berger, A.N. (1993). “Distribution-free estimates of efficiency in the U.S. banking industry and tests of the standard distributional assumptions,” *Journal of Productivity Analysis* 4(3) (September), 261–92.

[Article](#) [Google Scholar](#)

Berger, A.N., and D.B. Humphrey (1991). “The dominance of inefficiencies over scale and product mix economies in banking,” *Journal of Monetary Economics* 28 (August), 117–48.

[Article](#) [Google Scholar](#)

Charnes, A., W.W. Cooper, and E. Rhodes (1981). “Evaluating program and managerial efficiency: an application of data envelopment analysis to program follow through,” *Management Science* 27(6) (June), 668–97.

[Article](#) [Google Scholar](#)

Deprins, D., L. Simar, and H. Tulkens (1984). “Measuring labor inefficiency in post offices,” in M. Marchand, P. Pestieau, and H. Tulkens (eds.), *The Performance of Public Enterprises: Concepts and Measurements* (North-Holland, Amsterdam), 243–67.

[Google Scholar](#)

Ferrier, G.D., and C.A.K. Lovell (1990). "Measuring cost efficiency in banking: econometric and linear programming evidence," *Journal of Econometrics* 46(1/2) (October/November), 229-45.

[Google Scholar](#)

Flannery, M.J. (1974). *An Economic Evaluation of Credit Unions in the United States* (Federal Reserve Bank of Boston, Boston, MA).

[Google Scholar](#)

Fried, H.O., C.A.K. Lovell, and P. Vanden Eeckaut (1993). "Evaluating the performance of U.S. credit unions," *Journal of Banking and Finance* 17, 251-65.

[Article](#) [Google Scholar](#)

Lovell, C.A.K., and P. Vanden Eeckaut (1993). "Frontier tales: DEA and FDH," in W.E. Diewert, K. Spremann and F. Stehling (eds.), *Mathematical Modelling in Economics* (Springer-Verlag, Berlin and New York).

[Google Scholar](#)

Overstreet, G., and G.M. Rubin (1991). *Blurred Vision: Challenges in Credit Union Research and Modelling* (The Filene Research Institute, Madison, WI).

[Google Scholar](#)

Smith, D.J. (1984). "A theoretic framework of the analysis of credit union decision making," *Journal of Finance* 39, 1155-68.

[Article](#) [Google Scholar](#)

— (1986). "A test for variant objective functions in credit unions," *Applied Economics* 18, 959-70.

[Article](#) [Google Scholar](#)

Tulkens, H., and P. Vanden Eeckaut (1993). "Non-parametric efficiency, progress and regress measures for panel data: methodological aspects," CORE Discussion Paper 9316, Center for Operations Research and Econometrics, Université Catholique de Louvain (Louvain-la-Neuve, Belgium) and *European Journal of Operational Research* 1995.

[Google Scholar](#)

Wolken, J.D., and F.J. Navratil (1984). "The valuation of subsidies in kind and their effects on costs," *Journal of Economics and Business* 36, 217–32.

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