

# Future Analysis

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A more definitive analysis of the interrelationships among Missouri Medicaid participant characteristics, service utilization, and expenditure levels is possible. However, hundreds of millions of claims records need to be organized and summarized before analyses can be completed. The extreme size and complexity of these files inhibits summarization and analysis. Consequently, it is difficult to assess the potential impact of policy or procedural changes to the Medicaid program.

Working with the Department of Social Services, our work group is organizing these Medicaid claims records in order to conduct further analyses of the important interrelationships in the program. For example, do expenditures vary in different parts of the state among categories of participants depending upon the health care that they receive? What participant characteristics are associated with higher service utilization and expenditure patterns? How would changes to eligibility or the mix of services affect expenditures?

Each monthly file of Missouri Medicaid claims includes about one million records. Over ten years of these data are being prepared for additional analyses. We look forward to the opportunity to produce additional public policy research from this important source.

# Data Notes

1. The major source for data in National Maps section of the Chart Book was the Henry Kaiser Foundation ([www.statefacts.org](http://www.statefacts.org)). The Kaiser reports are based on data from the Centers for Medicare and Medicaid Services (CMS). The Missouri Department of Social Services and the Department of Health and Senior Services are the primary sources for data for the Missouri Charts and Missouri Maps.
2. CMS uses data sources and measurement methodologies that differ from those used by Missouri DSS and Missouri DHSS. So, data in the Missouri Charts and Maps sections are not necessarily directly analogous to the data in the National Maps. Notwithstanding, the UMC Medicaid Work Group determined that the national level data are valuable in terms of understanding how Missouri Medicaid compares to other states. CMS data are considered the most accurately standardized, up-to-date national data for this purpose.
3. The UMC Medicaid Work Group created five broad groups of Missouri Medicaid Enrollees for some of the charts. These five groups are: Adults, Children, Blind and Disabled, Elderly and Other. These group titles are the same as those used by the Kaiser Foundation, but are not the same as those typically used in other reports generated by DSS.

# Data Sources

- Department of Social Services, *Quick Facts*, <http://www.dss.mo.gov/mis/cqfacts/> (Accessed July 20, 2005).
- *Missouri Information for Community Assessment: Medicaid Records, February 2002 through May 2005*. Missouri Department of Health and Senior Services. <http://www.health.state.mo.us/MedicaidMICA/medicaid.html> (Accessed July 25, 2005 and August 4, 2005).
- *Program Information on Medicaid & State Children's Health Insurance Program*, Centers for Medicare & Medicaid Services, Office of Research, Development, & Information, 2004 Edition.
- *Table 5, Medicaid Summary Files, FY1998 – FY2005*. Division of Medical Services, Missouri Department of Social Services.
- National maps were reproduced using the “natural breaks” of data obtained from: *The Kaiser Family Foundation, statehealthfacts.org. Medicaid and SCHIP Statistics*. Henry J Kaiser Foundation. <http://www.statehealthfacts.org/cgi-bin/healthfacts.cgi> (Accessed July 20, 2005).
- *SAIPE Population Estimates*, USDC, Bureau of the Census, July 1, 2003.
- *Proposed SFY-06 Governor Budget Recommended Medicaid Eligible Cuts by County with Estimated Savings*. Department of Social Services. Jefferson City: MO, 2005. <http://www.dss.mo.gov/mis/melgct06.pdf> (Accessed July 20, 2005).

# Missouri Medicaid Chart Book

The Missouri Medicaid Program:  
A Graphical Profile

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of Missouri--Columbia

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