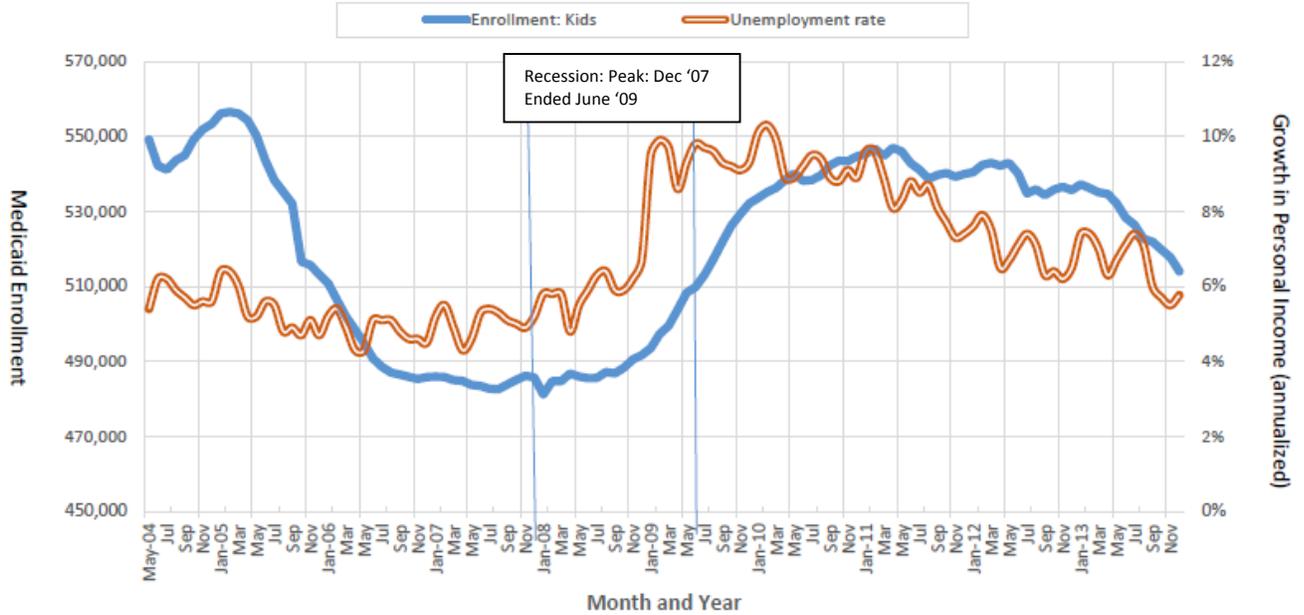


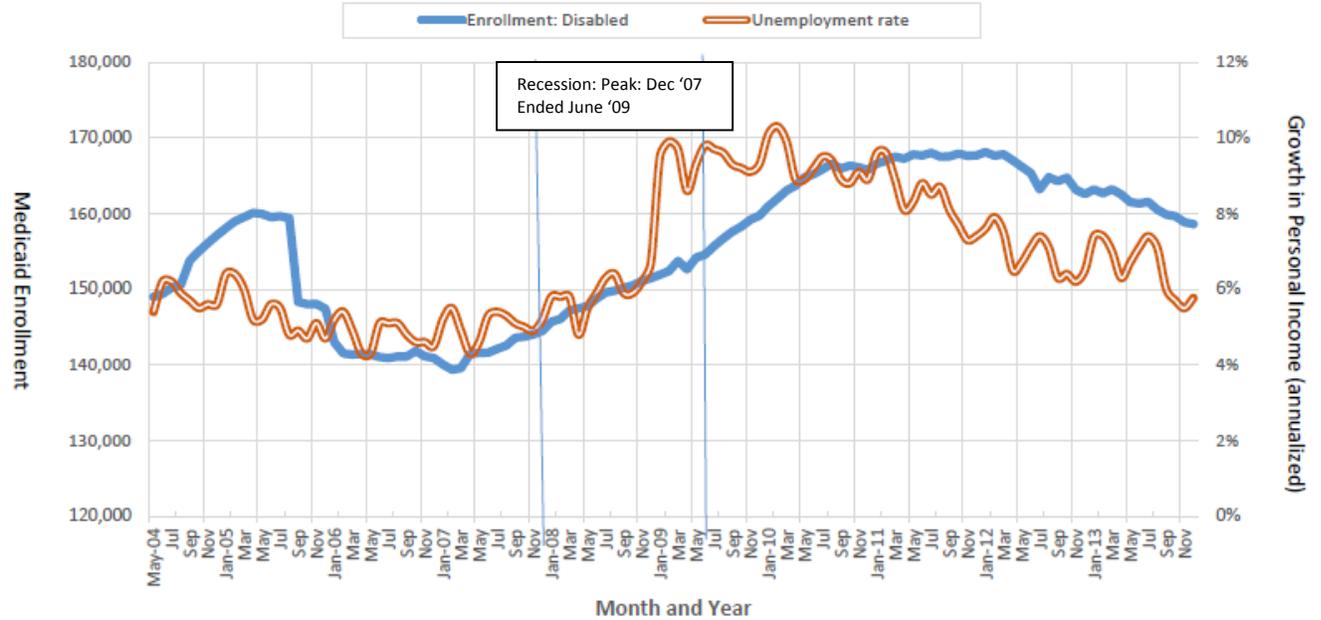
- Medicaid enrollment started rising appreciably later in 2008; officially recession started December 2007 in the U.S.
- In Missouri, unemployment rate rose appreciably late in 2008 and personal income also took a huge drop.
- Officially recession ended June 2009; but in Missouri unemployment rates stayed high (near 10% and personal income growth relatively low (about 2%) until late 2010.
- Medicaid enrollment started dropping when unemployment rate started dropping and personal income growth picked up in 2011, and has continued to drop until Dec. 2013.
- As next few graphs show, these patterns repeat mostly only for two categories of enrollees: children and the disabled (and to some extent pregnant women). However, enrollment of parents has been flat for years.

	Correlation between Medicaid enrollment and:		Coefficient in regression
	All years, 2004-13	2007-2013	
Unemployment rate	.147	.638	0.288
Personal income	.035	-.100	insignificant

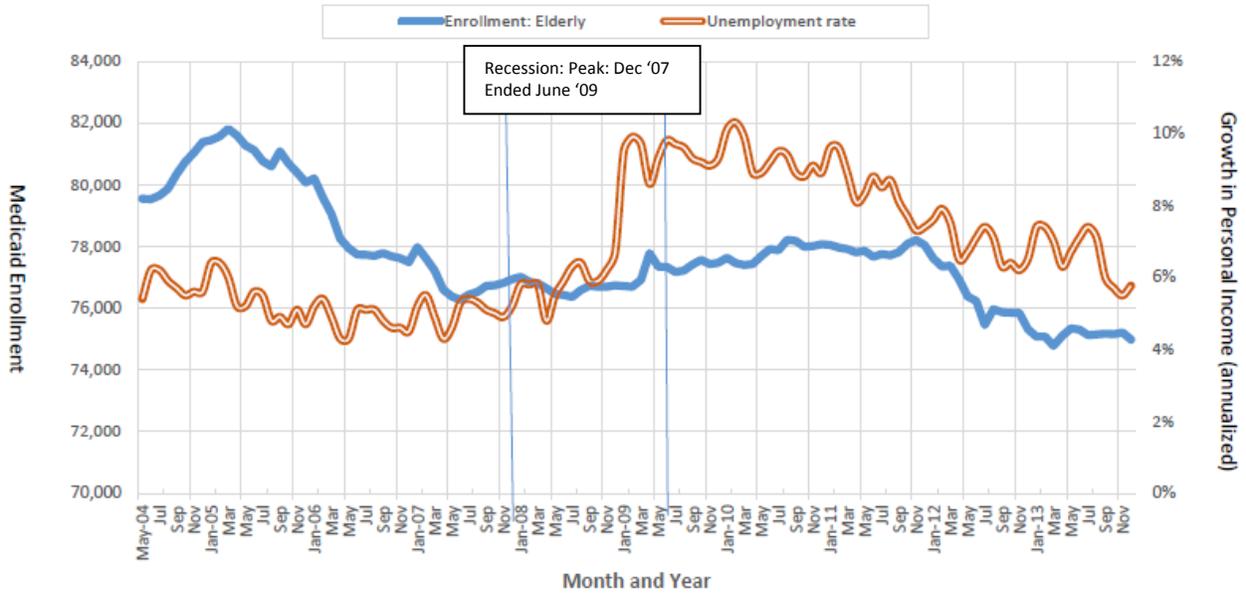
Missouri Medicaid Enrollment (Kids) and State Unemployment Rate, 2004-13



Missouri Medicaid Enrollment (Disabled) and State Unemployment Rate, 2004-13

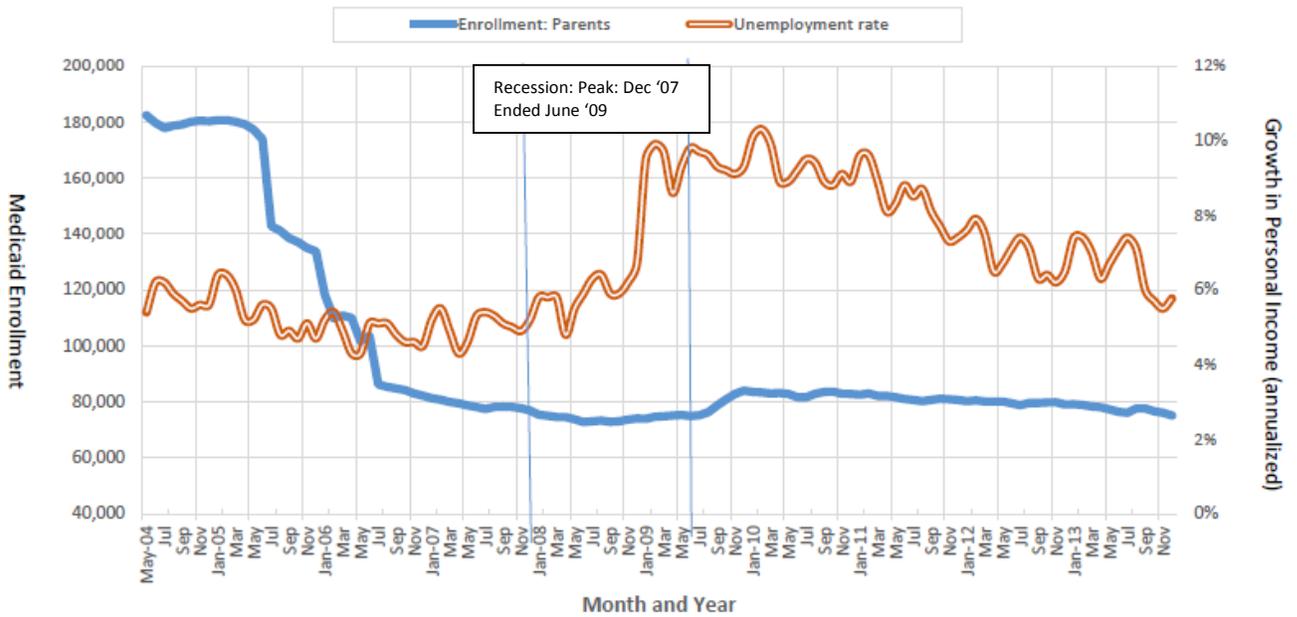


Missouri Medicaid Enrollment (Elderly) and State Unemployment Rate, 2004-13



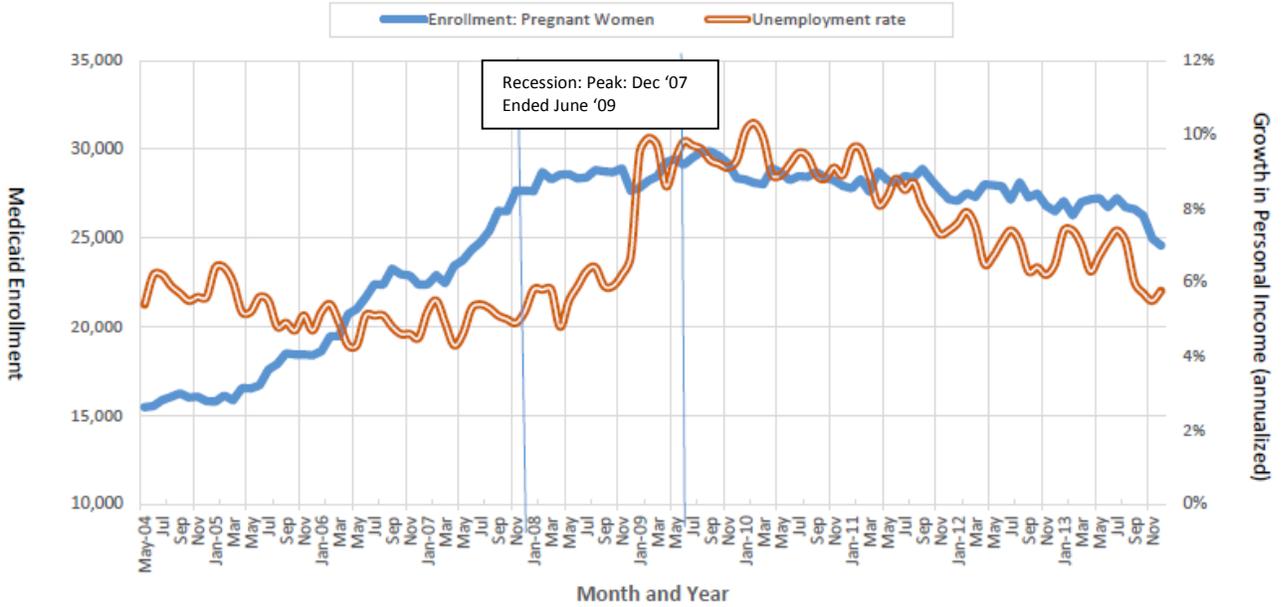
SOURCES: MOHealthNET enrollment data, Missouri Department of Social Services;
Unemployment data: U.S. Bureau of Labor Statistics.
Official dates for recessions: National Bureau of Economic Research.

Missouri Medicaid Enrollment (Parents) and State Unemployment Rate, 2004-13



SOURCES: MOHealthNET enrollment data, Missouri Department of Social Services;
Unemployment data: U.S. Bureau of Labor Statistics.
Official dates for recessions: National Bureau of Economic Research.

Missouri Medicaid Enrollment (Pregnant Women) and State Unemployment Rate, 2004-13



SOURCES: MOHealthNET enrollment data, Missouri Department of Social Services;
 Unemployment data: U.S. Bureau of Labor Statistics.
 Official dates for recessions: National Bureau of Economic Research.