

COMMITTEE ON LEGISLATIVE RESEARCH  
OVERSIGHT DIVISION

**FISCAL NOTE**

L.R. No.: 0845-11  
Bill No.: HCS for SS for SCS for SB 167  
Subject: Insurance - Medical; Health Care Professionals  
Type: Original  
Date: May 4, 2009

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Bill Summary: Requires health carriers to provide coverage for the diagnosis and treatment of autism spectrum disorders under certain conditions.

**FISCAL SUMMARY**

<b>ESTIMATED NET EFFECT ON GENERAL REVENUE FUND</b>			
<b>FUND AFFECTED</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
General Revenue	(Unknown could exceed \$1,965,780)	(Unknown could exceed \$3,931,560)	(Unknown could exceed \$3,931,560)
<b>Total Estimated Net Effect on General Revenue Fund</b>	<b>(Unknown could exceed \$1,965,780)</b>	<b>(Unknown could exceed \$3,931,560)</b>	<b>(Unknown could exceed \$3,931,560)</b>

<b>ESTIMATED NET EFFECT ON OTHER STATE FUNDS</b>			
<b>FUND AFFECTED</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
Insurance Dedicated	Up to \$5,600	\$0	\$0
Conservation Commission	(Unknown greater than \$50,000)	(Unknown greater than \$100,000)	(Unknown greater than \$100,000)
Road	(Unknown greater than \$50,000)	(Unknown greater than \$100,000)	(Unknown greater than \$100,000)
Other	(Could exceed \$352,080)	(Could exceed \$704,160)	(Could exceed \$704,160)
<b>Total Estimated Net Effect on <u>Other</u> State Funds</b>	<b>(Could exceed \$452,080)</b>	<b>(Could exceed \$904,160)</b>	<b>(Could exceed \$904,160)</b>

Numbers within parentheses: ( ) indicate costs or losses.  
This fiscal note contains 10 pages.

ESTIMATED NET EFFECT ON FEDERAL FUNDS			
FUND AFFECTED	FY 2010	FY 2011	FY 2012
Federal	(Could exceed \$616,140)	(Could exceed \$1,232,280)	(Could exceed \$1,232,280)
<b>Total Estimated Net Effect on <u>All</u> Federal Funds</b>	<b>(Could exceed \$616,140)</b>	<b>(Could exceed \$1,232,280)</b>	<b>(Could exceed \$1,232,280)</b>

ESTIMATED NET EFFECT ON FULL TIME EQUIVALENT (FTE)			
FUND AFFECTED	FY 2010	FY 2011	FY 2012
<b>Total Estimated Net Effect on FTE</b>	<b>0</b>	<b>0</b>	<b>0</b>

☒ Estimated Total Net Effect on All funds expected to exceed \$100,000 savings or (cost).

☐ Estimated Net Effect on General Revenue Fund expected to exceed \$100,000 (cost).

ESTIMATED NET EFFECT ON LOCAL FUNDS			
FUND AFFECTED	FY 2010	FY 2011	FY 2012
<b>Local Government</b>	<b>(Could exceed \$18,000)</b>	<b>(Could exceed \$36,000)</b>	<b>(Could exceed \$36,000)</b>

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## **FISCAL ANALYSIS**

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### **ASSUMPTION**

Officials from the **Department of Elementary and Secondary Education (DES)** assume the proposal will have no fiscal impact on their department, but state there will be increased costs to all insurance patrons, including self-insured school districts. DES officials state there is not way to estimate the increase in costs.

Officials from the **Department of Mental Health (DMH)** state the Division of Developmental Disabilities (DD) does not have data available on the number of individuals receiving autism services who also have insurance coverage. If this proposal passes, DD contract providers would consider the insurance carrier as any other payer. The insurance carrier would be billed for covered autism services. For services currently funded by DD, this will allow DD to make services available to individuals on the autism waiting list who would have otherwise not received services until some other source of funding was available. Therefore, it is assumed the proposal will have no fiscal impact on the DMH.

Officials from the **Department of Public Safety (DPS) - Directors' Office** state they are unable to determine the fiscal impact of the proposal and defer to the Missouri Consolidated Health Care Plan for response regarding the potential fiscal impact.

Officials from the **DPS - Missouri State Highway Patrol (MHP)** defer to the Missouri Department of Transportation for response regarding the potential fiscal impact of this proposal on their organization.

Officials from the **Department of Insurance, Financial Institutions and Professional Registration (DIFP)** estimate up to 112 insurers could be required to submit amendments to their policies to comply with the legislation. Policy amendments must be submitted to the department for review along with a \$50 filing fee. One-time additional revenues to the Insurance Dedicated Fund are estimated to be up to \$5,600 (112 insurers X \$50).

Additional staff and expenses are not being requested with this single proposal, but if multiple proposals pass during the legislative session which require policy form reviews, the DIFP will need to request additional staff to handle the increase in workload.

Officials from the **Missouri Department of Conservation (MDC)** state the proposed legislation would have a fiscal impact on MDC funds. The exact amount of the impact is unknown, but is expected to exceed \$100,000 annually.

ASSUMPTION (continued)

Officials from the **Missouri Department of Transportation (DOT)** state that currently their plan excludes services and supplies for conditions related to autistic disease of childhood, milieu therapy, learning disabilities, mental retardation, or for inpatient admission for environmental change if the medical claims are recognized as services for autistic disease.

The actuary for the DOT/MHP (Highway Patrol) Medical Plan (Plan), Watson Wyatt Worldwide, has researched the fiscal impact if the Plan is required to provide this coverage. It is likely that the DOT is currently covering a substantial part of the costs for these claimants already, under the medical/prescription benefits of the Plan. The best source of data is a study performed by a Harvard School of Public Health professor. Assuming the DOT population has incidence similar to the estimate in the study (1.0 million to 1.5 million out of a total U.S. population of 300 million), that would suggest approximately 0.3% - 0.5% of DOT's and MHP's active membership, or about 48 - 80 members, an unknown number which would be children.

Using the average cost of \$29,000 for medical treatment as listed, the total cost for these individuals might be as high as \$2.3 million. However, costs are going to vary widely depending on the individual and the Plan may currently cover 75% or more of this cost under the plan. Therefore, although there will not be a fiscal impact to the Missouri Highway and Transportation Commission (MHTC), there would be a fiscal impact to the Plan. The impact cannot be determined, but is assumed to be greater than \$100,000 annually.

Officials from the **Department of Social Services (DOS) - MO HealthNet Division (MHD)** state this legislation does not revise Chapter 208, RSMo. Therefore it does not affect MO HealthNet eligibility or benefits.

This legislation does, however, revise Chapter 376, RSMo. The MHD assumes that since there is no specific exemption for contracts with the state, the legislation will pertain to HMOs that contract with the state to provide health benefits to MO HealthNet Managed Care participants.

The MHD recognizes there may be additional costs of doing business for HMOs if this legislation passes and that those costs may be passed on to the MHD. The MHD may incur additional costs for an actuarial analysis to determine if capitated rates should be adjusted for the additional costs incurred by the HMO.

If an actuarial analysis is needed, it will occur in the first year and is a one-time cost. The cost of the analysis will depend on the number of program changes that will need to be analyzed, as well as the complexity of those changes. This cost is unknown, but may be as high as \$100,000. Since this is an administrative costs, there will be a 50% federal match rate.

ASSUMPTION (continued)

If the HMOs are required to provide additional benefits and the MHD's current rates don't support those costs, the actuary may require an increase in capitated rates to ensure actuarial soundness. If this occurs, the cost to the MHD is unknown. These additional costs would occur in the second and third years.

Therefore, the MHD assumes FY 10 costs to be unknown less than \$100,000 (General Revenue unknown less than \$50,000) and FY 11 and FY 12 costs to be unknown exceeding \$100,000 annually.

**Oversight** notes program costs receive federal matching and will be split approximately 65% Federal/35% General Revenue for FY 11 and FY 12.

Officials from the **Missouri Consolidated Health Care Plan (HCP)** state this legislation would require health benefit plans to provide coverage for the treatment of Autism Spectrum Disorder (ASD). The proposal does define what specific treatments and/or therapies shall be covered: Psychiatric, Psychological, rehabilitative care, therapeutic care, and prescription medications are all currently covered by the plan. However, Applied Behavior Analysis Therapy is not a covered service. It should be noted that since Missouri has no specific standards for screening, diagnosis, assessment and treatment in place today, utilization and service costs may vary greatly from the estimates provided.

The Missouri Blue Ribbon Panel on Autism recently reported that 1 child out of 150 across all racial, ethnic and socioeconomic background is diagnosed with ASD. The HCP currently covers 24,416 members under the age of 15 and the Public Entity plan currently covers 216 members under the age of 15. Using these figures, the HCP assumes 163 HCP and 1 Public Entity covered members could be diagnosed with ASD.

The HCP's current benefit design allows up to 60 visits per incident per calendar year for Physical, Speech and Occupational Therapy services and rehabilitative care. Assuming these services are what would be included as part of the "medically necessary care", the annual cost would be, on average \$7,260 per diagnosed member. However, the proposal indicates that these services shall not be limited; therefore the costs for services "other than applied behavior analysis" may exceed \$7,260 per diagnosed child per year.

If the maximum benefit is met for "applied behavior analysis" for diagnosed children under the age of 15 as directed in the legislation and each diagnosed member receives these services, the HCP would incur an additional \$5,868,000 annually for State members and \$36,000 annually for Public Entity members. These costs would be passed directly to the plan and potentially to the members as a higher premium.

**Oversight** assumes coverage for autism services for state employees will be effective January 1, 2010.

FISCAL IMPACT - State Government

FY 2010  
(6 Mo.)

FY 2011

FY 2012

**GENERAL REVENUE FUND**

Costs - Missouri Consolidated Health  
Care Plan

Increase in state share of health insurance costs	(Could exceed \$1,965,780)	(Could exceed \$3,931,560)	(Could exceed \$3,931,560)
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Costs - DOS

Increase in program expenditures	(Unknown less than \$50,000)	(Unknown exceeding \$35,000)	(Unknown exceeding \$35,000)
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**ESTIMATED NET EFFECT ON  
GENERAL REVENUE FUND**

<u>(Could exceed \$1,965,780)</u>	<u>(Could exceed \$3,966,560)</u>	<u>(Could exceed \$3,966,560)</u>
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**INSURANCE DEDICATED**

Income - DIFP

Form filing fees	<u>Up to \$5,600</u>	<u>\$0</u>	<u>\$0</u>
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**ESTIMATED NET EFFECT ON  
INSURANCE DEDICATED FUND**

<u>Up to \$5,600</u>	<u>\$0</u>	<u>\$0</u>
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**CONSERVATION COMMISSION  
FUND**

Costs - Missouri Department of  
Conservation

Increase in state share of health insurance costs	(Unknown greater than \$50,000)	(Unknown greater than \$100,000)	(Unknown greater than \$100,000)
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**ESTIMATED NET EFFECT ON  
CONSERVATION COMMISSION  
FUND**

<u>(Unknown greater than \$50,000)</u>	<u>(Unknown greater than \$100,000)</u>	<u>(Unknown greater than \$100,000)</u>
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<u>FISCAL IMPACT - State Government</u>	FY 2010 (6 Mo.)	FY 2011	FY 2012
<b>ROAD FUND</b>			
<u>Costs - DOT</u>			
Increase in state share of health care premium costs	<u>(Unknown greater than \$50,000)</u>	<u>(Unknown greater than \$100,000)</u>	<u>(Unknown greater than \$100,000)</u>
<b>ESTIMATED NET EFFECT ON ROAD FUND</b>	<b><u>(Unknown greater than \$50,000)</u></b>	<b><u>(Unknown greater than \$100,000)</u></b>	<b><u>(Unknown greater than \$100,000)</u></b>
<b>OTHER STATE FUNDS</b>			
<u>Costs - Missouri Consolidated Health Care Plan</u>			
Increase in state share of health insurance premiums	<u>(Could exceed \$352,080)</u>	<u>(Could exceed \$704,160)</u>	<u>(Could exceed \$704,160)</u>
<b>ESTIMATED NET EFFECT ON OTHER STATE FUNDS</b>	<b><u>(Could exceed \$352,080)</u></b>	<b><u>(Could exceed \$704,160)</u></b>	<b><u>(Could exceed \$704,160)</u></b>

<u>FISCAL IMPACT - State Government</u>	FY 2010 (6 Mo.)	FY 2011	FY 2012
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**FEDERAL FUNDS**

Income - DOS

Increase in program reimbursements	Unknown less than \$50,000	Unknown greater than \$100,000	Unknown greater than \$100,000
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Costs - HCP

Increase in state share of health insurance costs	(Could exceed \$616,140)	(Could exceed \$1,232,280)	(Could exceed \$1,232,280)
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Costs - DOS

Increase in program expenditures	(Unknown less than \$50,000)	(Unknown greater than \$100,000)	(Unknown greater than \$100,000)
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**ESTIMATED NET EFFECT ON  
FEDERAL FUNDS**

<u>(Could exceed \$616,140)</u>	<u>(Could exceed \$1,332,280)</u>	<u>(Could exceed \$1,332,280)</u>
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<u>FISCAL IMPACT - Local Government</u>	FY 2010 (6 Mo.)	FY 2011	FY 2012
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**ALL LOCAL GOVERNMENTS**

Costs - All Local Governments

Increase in health insurance costs	(Could exceed \$18,000)	(Could exceed \$36,000)	(Could exceed \$36,000)
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**ESTIMATED NET EFFECT ON ALL  
LOCAL GOVERNMENTS**

<u>(Could exceed \$18,000)</u>	<u>(Could exceed \$36,000)</u>	<u>(Could exceed \$36,000)</u>
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### FISCAL IMPACT - Small Business

The proposal could directly impact small businesses that provide employees with health benefits if insurance premiums increase.

### FISCAL DESCRIPTION

Under this proposal, health carriers that issue or renew health benefit plans on or after January 1, 2010, must provide individuals less than 18 years of age coverage for the diagnosis and treatment of autism spectrum disorders.

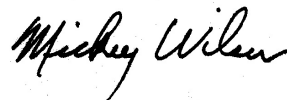
The proposal sets forth the coverage limits for autism spectrum disorders. The annual maximum benefit levels for behavior analysis is \$36,000 for children under age 15; no behavior analysis benefits are provided for children age 15 and older.

The annual maximum benefits for applied behavior analysis shall not be subject to any limits on the number of visits by an individual to an autism service provider for applied behavior analysis. Coverage under the proposal for services other than applied behavior analysis shall not be subject to any limits on the number of visits an individual may make to an autism service provider.

This legislation is not federally mandated, would not duplicate any other program and would not require additional capital improvements or rental space.

### SOURCES OF INFORMATION

Department of Insurance, Financial Institutions and Professional Registration  
Department of Mental Health  
Department of Social Services  
Missouri Department of Transportation  
Department of Public Safety -  
    Director's Office  
    Missouri State Highway Patrol  
Missouri Consolidated Health Care Plan  
Missouri Department of Conservation



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