

TITLE V BLOCK GRANT APPLICATION
FORMS (2-21)
STATE: MO
APPLICATION YEAR: 2013

- [FORM 2 - MCH BUDGET DETAILS](#)
- [FORM 3 - STATE MCH FUNDING PROFILE](#)
- [FORM 4 - BUDGET DETAILS BY TYPES OF INDIVIDUALS SERVED AND SOURCES OF FEDERAL FUNDS](#)
- [FORM 5 - STATE TITLE V PROGRAM BUDGET AND EXPENDITURES BY TYPES OF SERVICES](#)
- [FORM 6 - NUMBER AND PERCENTAGE OF NEWBORN AND OTHERS SCREENED, CASE CONFIRMED, AND TREATED](#)
- [FORM 7 - NUMBER OF INDIVIDUALS SERVED \(UNDUPLICATED\) UNDER TITLE V](#)
- [FORM 8 - DELIVERIES AND INFANTS SERVED BY TITLE V AND ENTITLED TO BENEFITS UNDER TITLE XIX](#)
- [FORM 9 - STATE MCH TOLL-FREE TELEPHONE LINE DATA](#)
- [FORM 10 - TITLE V MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT STATE PROFILE FOR FY 2013](#)
- [FORM 11 - NATIONAL AND STATE PERFORMANCE MEASURES](#)
- [FORM 12 - NATIONAL AND STATE OUTCOME MEASURES](#)
- [FORM 13 - CHARACTERISTICS DOCUMENTING FAMILY PARTICIPATION IN CHILDREN WITH SPECIAL HEALTH CARE NEEDS](#)
- [FORM 14 - LIST OF MCH PRIORITY NEEDS](#)
- [FORM 15 - TECHNICAL ASSISTANCE \(TA\) REQUEST AND TRACKING](#)
- [FORM 16 - STATE PERFORMANCE/OUTCOME MEASURE DETAIL SHEETS](#)
- [FORM 17 - HEALTH SYSTEM CAPACITY INDICATORS \(01 THROUGH 04,07,08\) - MULTI-YEAR DATA](#)
- [FORM 18](#)
 - [MEDICAID AND NON-MEDICAID COMPARISON](#)
 - [MEDICAID ELIGIBILITY LEVEL \(HSCI 06\)](#)
 - [SCHIP ELIGIBILITY LEVEL \(HSCI 06\)](#)
- [FORM 19](#)
 - [GENERAL MCH DATA CAPACITY \(HSCI 09A\)](#)
 - [ADOLESCENT TOBACCO USE DATA CAPACITY \(HSCI 09B\)](#)
- [FORM 20 - HEALTH STATUS INDICATORS 01-05 - MULTI-YEAR DATA](#)
- [FORM 21](#)
 - [POPULATION DEMOGRAPHICS DATA \(HSI 06\)](#)
 - [LIVE BIRTH DEMOGRAPHICS DATA \(HSI 07\)](#)
 - [INFANT AND CHILDREN MORTALITY DATA \(HSI 08\)](#)
 - [MISCELLANEOUS DEMOGRAPHICS DATA \(HSI 09\)](#)
 - [GEOGRAPHIC LIVING AREA DEMOGRAPHIC DATA \(HSI 10\)](#)
 - [POVERTY LEVEL DEMOGRAPHIC DATA \(HSI 11\)](#)
 - [POVERTY LEVEL FOR CHILDREN DEMOGRAPHICS DATA \(HSI 12\)](#)

FORM 2
MCH BUDGET DETAILS FOR FY 2013
[Secs. 504 (d) and 505(a)(3)(4)]
STATE: MO

1. FEDERAL ALLOCATION		\$	<u>11,726,020</u>
	(Item 15a of the Application Face Sheet [SF 424])		
	Of the Federal Allocation (1 above), the amount earmarked for:		
	A. Preventive and primary care for children:		
	\$ <u>3,558,517</u> (<u>30.35</u> %)		
	B. Children with special health care needs:		
	\$ <u>3,665,769</u> (<u>31.26</u> %)		
	(If either A or B is less than 30%, a waiver request must accompany the application)[Sec. 505(a)(3)]		
	C. Title V administrative costs:		
	\$ <u>1,139,847</u> (<u>9.72</u> %)		
	(The above figure cannot be more than 10%)[Sec. 504(d)]		
2. UNOBLIGATED BALANCE	(Item 15b of SF 424)	\$	<u>0</u>
3. STATE MCH FUNDS	(Item 15c of the SF 424)	\$	<u>12,843,247</u>
4. LOCAL MCH FUNDS	(Item 15d of SF 424)	\$	<u>0</u>
5. OTHER FUNDS	(Item 15e of SF 424)	\$	<u>8,000</u>
6. PROGRAM INCOME	(Item 15f of SF 424)	\$	<u>0</u>
7. TOTAL STATE MATCH	(Lines 3 through 6)	\$	<u>12,851,247</u>
	(Below is your State's FY 1989 Maintenance of Effort Amount)		
	\$ <u>9,987,230</u>		
8. FEDERAL-STATE TITLE V BLOCK GRANT PARTNERSHIP (SUBTOTAL)		\$	<u>24,577,267</u>
	(Total lines 1 through 6. Same as line 15g of SF 424)		
9. OTHER FEDERAL FUNDS			
	(Funds under the control of the person responsible for the administration of the Title V program)		
a. SPRANS:	\$ <u>0</u>		
b. SSDI:	\$ <u>65,357</u>		
c. CISS:	\$ <u>0</u>		
d. Abstinence Education:	\$ <u>0</u>		
e. Healthy Start:	\$ <u>0</u>		
f. EMSC:	\$ <u>0</u>		
g. WIC:	\$ <u>103,589,773</u>		
h. AIDS:	\$ <u>0</u>		
i. CDC:	\$ <u>10,987,873</u>		
j. Education:	\$ <u>0</u>		
k. Home Visiting:	\$ <u>0</u>		
l. Other:	\$ <u>0</u>		
<u>Early Childhood</u>	\$ <u>150,000</u>		
<u>Newborn Hearing</u>	\$ <u>270,000</u>		
<u>Other USDA Grants</u>	\$ <u>62,034,218</u>		
<u>Personal Resp. Edu</u>	\$ <u>997,141</u>		
<u>Traumatic Brain Inj</u>	\$ <u>250,000</u>		
10. OTHER FEDERAL FUNDS (SUBTOTAL of all Funds under item 9)		\$	<u>178,344,362</u>
11. STATE MCH BUDGET TOTAL		\$	<u>202,921,629</u>
	(Partnership subtotal + Other Federal MCH Funds subtotal)		

FORM NOTES FOR FORM 2

None

FIELD LEVEL NOTES

None

FORM 3
STATE MCH FUNDING PROFILE
[Secs. 505(a) and 506(a)(1-3)]
STATE: MO

	FY 2008		FY 2009		FY 2010	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
1. Federal Allocation <i>(Line1, Form2)</i>	\$ 13,406,174	\$ 12,739,380	\$ 14,185,831	\$ 13,021,865	\$ 13,024,136	\$ 12,256,784
2. Unobligated Balance <i>(Line2, Form2)</i>	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3. State Funds <i>(Line3, Form2)</i>	\$ 10,019,631	\$ 9,978,402	\$ 10,614,374	\$ 13,249,895	\$ 9,680,697	\$ 12,114,706
4. Local MCH Funds <i>(Line4, Form2)</i>	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
5. Other Funds <i>(Line5, Form2)</i>	\$ 35,000	\$ 0	\$ 25,000	\$ 4,726	\$ 35,000	\$ 31,364
6. Program Income <i>(Line6, Form2)</i>	\$ 1,000,000	\$ 1,142,624	\$ 1,000,000	\$ 0	\$ 1,000,000	\$ 0
7. Subtotal	\$ 24,460,805	\$ 23,860,406	\$ 25,825,205	\$ 26,276,486	\$ 23,739,833	\$ 24,402,854
(THE FEDERAL-STATE TITLE BLOCK GRANT PARTNERSHIP)						
8. Other Federal Funds <i>(Line10, Form2)</i>	\$ 120,627,916	\$ 129,713,630	\$ 120,774,626	\$ 90,296,396	\$ 141,276,145	\$ 97,925,855
9. Total <i>(Line11, Form2)</i>	\$ 145,088,721	\$ 153,574,036	\$ 146,599,831	\$ 116,572,882	\$ 165,015,978	\$ 122,328,709
(STATE MCH BUDGET TOTAL)						

FORM 3
STATE MCH FUNDING PROFILE
[Secs. 505(a) and 506(a)(1-3)]
STATE: MO

	FY 2011		FY 2012		FY 2013	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
1. Federal Allocation <i>(Line1, Form2)</i>	\$ 13,236,586	\$ 10,743,435	\$ 11,718,061	\$	\$ 11,726,020	\$
2. Unobligated Balance <i>(Line2, Form2)</i>	\$ 0	\$ 0	\$ 0	\$	\$ 0	\$
3. State Funds <i>(Line3, Form2)</i>	\$ 12,036,562	\$ 5,916,543	\$ 12,292,784	\$	\$ 12,843,247	\$
4. Local MCH Funds <i>(Line4, Form2)</i>	\$ 0	\$ 0	\$ 0	\$	\$ 0	\$
5. Other Funds <i>(Line5, Form2)</i>	\$ 4,000	\$ 0	\$ 6,500	\$	\$ 8,000	\$
6. Program Income <i>(Line6, Form2)</i>	\$ 0	\$ 0	\$ 0	\$	\$ 0	\$
7. Subtotal	\$ 25,277,148	\$ 16,659,978	\$ 24,017,345	\$ 0	\$ 24,577,267	\$ 0
(THE FEDERAL-STATE TITLE BLOCK GRANT PARTNERSHIP)						
8. Other Federal Funds <i>(Line10, Form2)</i>	\$ 177,154,471	\$ 171,738,239	\$ 175,233,681	\$	\$ 178,344,362	\$
9. Total <i>(Line11, Form2)</i>	\$ 202,431,619	\$ 188,398,217	\$ 199,251,026	\$ 0	\$ 202,921,629	\$ 0
(STATE MCH BUDGET TOTAL)						

FORM NOTES FOR FORM 3

None

FIELD LEVEL NOTES

1. **Section Number:** Form3_Main
Field Name: FedAllocExpended
Row Name: Federal Allocation
Column Name: Expended
Year: 2011
Field Note:
Due to decreases in state funding, positions were held vacant to ensure that we have adequate funding to fill positions.
2. **Section Number:** Form3_Main
Field Name: StateMCHFundsExpended
Row Name: State Funds
Column Name: Expended
Year: 2011
Field Note:
Due to decreases in state funding and the elimination of the School Health Contracts (\$4,560,612 cut), alternative sources for State match were used. Positions were held vacant to ensure that we have adequate funding.
3. **Section Number:** Form3_Main
Field Name: StateMCHFundsExpended
Row Name: State Funds
Column Name: Expended
Year: 2010
Field Note:
Due to change in how match funding is reported, additional match expenses were able to be included that haven't in years past.
4. **Section Number:** Form3_Main
Field Name: OtherFundsExpended
Row Name: Other Funds
Column Name: Expended
Year: 2011
Field Note:
During the FFY2011, the Smith Memorial fund did not receive any donation.
5. **Section Number:** Form3_Main
Field Name: OtherFundsExpended
Row Name: Other Funds
Column Name: Expended
Year: 2010
Field Note:
Other funds are restricted. Only used what was needed for FFY10.
6. **Section Number:** Form3_Main
Field Name: ProgramIncomeExpended
Row Name: Program Income
Column Name: Expended
Year: 2010
Field Note:
Due to the changes in how match funding is reported, this item is no longer included.
7. **Section Number:** Form3_Main
Field Name: OtherFedFundsExpended
Row Name: Other Federal Funds
Column Name: Expended
Year: 2010
Field Note:
Upon review of past years, it was determined that WMC Formula rebates had been included in the budget, but should not have been as they are not federal dollars. The difference is reflected in the expenditures.

FORM 4
BUDGET DETAILS BY TYPES OF INDIVIDUALS SERVED (I) AND SOURCES OF OTHER FEDERAL FUNDS (II)
[Secs 506(2)(2)(iv)]
STATE: MO

	FY 2008		FY 2009		FY 2010	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
I. Federal-State MCH Block Grant Partnership						
a. Pregnant Women	\$ 1,474,115	\$ 1,351,286	\$ 1,782,078	\$ 2,113,335	\$ 1,486,073	\$ 2,549,775
b. Infants < 1 year old	\$ 1,902,356	\$ 1,609,223	\$ 1,950,833	\$ 1,889,647	\$ 1,749,461	\$ 1,790,736
c. Children 1 to 22 years old	\$ 8,510,783	\$ 9,139,637	\$ 9,365,476	\$ 10,541,095	\$ 8,812,755	\$ 9,695,982
d. Children with Special Healthcare Needs	\$ 8,203,383	\$ 7,437,351	\$ 8,252,474	\$ 7,573,072	\$ 7,418,103	\$ 6,391,616
e. Others	\$ 3,029,671	\$ 3,065,582	\$ 3,075,226	\$ 2,882,131	\$ 2,996,275	\$ 2,791,841
f. Administration	\$ 1,340,497	\$ 1,257,327	\$ 1,399,118	\$ 1,277,206	\$ 1,277,166	\$ 1,182,904
g. SUBTOTAL	\$ 24,460,805	\$ 23,860,406	\$ 25,825,205	\$ 26,276,486	\$ 23,739,833	\$ 24,402,854
II. Other Federal Funds (under the control of the person responsible for administration of the Title V program).						
a. SPRANS	\$ 0		\$ 0		\$ 0	
b. SSDI	\$ 100,000		\$ 100,000		\$ 100,000	
c. CISS	\$ 0		\$ 0		\$ 0	
d. Abstinence Education	\$ 0		\$ 885,593		\$ 885,593	
e. Healthy Start	\$ 0		\$ 0		\$ 0	
f. EMSC	\$ 0		\$ 0		\$ 0	
g. WIC	\$ 115,030,890		\$ 113,846,133		\$ 134,825,574	
h. AIDS	\$ 0		\$ 0		\$ 0	
i. CDC	\$ 5,057,026		\$ 5,502,544		\$ 5,074,020	
j. Education	\$ 0		\$ 0		\$ 0	
k. Home Visiting	\$ 0		\$ 0		\$ 0	
l. Other						
Early Childhood	\$ 140,000		\$ 140,356		\$ 105,000	
Newborn Screening	\$ 150,000		\$ 150,000		\$ 150,000	
Traumatic Brain Inj	\$ 150,000		\$ 150,000		\$ 135,958	
III. SUBTOTAL	\$ 120,627,916		\$ 120,774,626		\$ 141,276,145	

FORM 4
BUDGET DETAILS BY TYPES OF INDIVIDUALS SERVED (I) AND SOURCES OF OTHER FEDERAL FUNDS (II)
 [Secs 506(2)(2)(iv)]
 STATE: MO

	FY 2011		FY 2012		FY 2013	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
I. Federal-State MCH Block Grant Partnership						
a. Pregnant Women	\$ 3,114,394	\$ 1,967,367	\$ 2,930,073	\$	\$ 1,825,466	\$
b. Infants < 1 year old	\$ 3,503,169	\$ 2,453,857	\$ 2,870,315	\$	\$ 2,900,353	\$
c. Children 1 to 22 years old	\$ 10,259,805	\$ 4,790,069	\$ 4,525,547	\$	\$ 4,435,334	\$
d. Children with Special Healthcare Needs	\$ 6,360,423	\$ 6,161,504	\$ 5,367,657	\$	\$ 6,958,520	\$
e. Others	\$ 742,171	\$ 449,858	\$ 7,155,073	\$	\$ 7,317,748	\$
f. Administration	\$ 1,297,186	\$ 837,323	\$ 1,168,680	\$	\$ 1,139,847	\$
g. SUBTOTAL	\$ 25,277,148	\$ 16,669,978	\$ 24,017,345	\$ 0	\$ 24,577,267	\$ 0
II. Other Federal Funds (under the control of the person responsible for administration of the Title V program).						
a. SPRANS	\$ 0		\$ 0		\$ 0	
b. SSDI	\$ 93,713		\$ 127,128		\$ 65,357	
c. CISS	\$ 0		\$ 0		\$ 0	
d. Abstinence Education	\$ 0		\$ 952,204		\$ 0	
e. Healthy Start	\$ 0		\$ 0		\$ 0	
f. EMSC	\$ 0		\$ 0		\$ 0	
g. WIC	\$ 99,699,355		\$ 97,197,188		\$ 103,589,773	
h. AIDS	\$ 0		\$ 0		\$ 0	
i. CDC	\$ 16,573,096		\$ 14,178,396		\$ 10,967,873	
j. Education	\$ 0		\$ 0		\$ 0	
k. Home Visiting	\$ 0		\$ 0		\$ 0	
l. Other						
Early Childhood	\$ 140,000		\$ 140,000		\$ 150,000	
Newborn Hearing	\$ 0		\$ 0		\$ 270,000	
Other USDA Grants	\$ 58,556,096		\$ 58,955,098		\$ 62,034,218	
Personal Resp. Edu	\$ 0		\$ 0		\$ 997,141	
Traumatic Brain Inj	\$ 0		\$ 313,805		\$ 250,000	
First Time Motherhood	\$ 0		\$ 499,572		\$ 0	
Home Visiting Grant	\$ 0		\$ 1,578,617		\$ 0	
Newborn Hearing	\$ 298,937		\$ 300,000		\$ 0	
Pers Respons Educ	\$ 0		\$ 991,673		\$ 0	
Primary Care Offices	\$ 222,727		\$ 0		\$ 0	
Rural Acces to Emer	\$ 100,000		\$ 0		\$ 0	
Rural Hspital Flex	\$ 494,547		\$ 0		\$ 0	
Sm Rur Hbsp Improv	\$ 396,000		\$ 0		\$ 0	
State Loan Repayment	\$ 150,000		\$ 0		\$ 0	
State Office of Rur	\$ 180,000		\$ 0		\$ 0	
Traumatic Brain Inju	\$ 250,000		\$ 0		\$ 0	
III. SUBTOTAL	\$ 177,154,471		\$ 175,233,681		\$ 178,344,362	

FORM NOTES FOR FORM 4

None

FIELD LEVEL NOTES

1. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
Field Name: PregWomenBudgeted
Row Name: Pregnant Women
Column Name: Budgeted
Year: 2013
Field Note:
Due to decreases in state funding, alternative sources for State match were used. The state budget issue has also caused a shift in the allocation of some Title V funds. Activities funded were evaluated and placed in the most appropriate category.
2. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
Field Name: PregWomenExpended
Row Name: Pregnant Women
Column Name: Expended
Year: 2011
Field Note:
Due to decreases in state funding, alternative sources for State match were used. The state budget issue has also caused a shift in the allocation of some Title V funds. Activities funded were evaluated and placed in the most appropriate category.
3. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
Field Name: PregWomenExpended
Row Name: Pregnant Women
Column Name: Expended
Year: 2010
Field Note:
Expenditures for the state-funded Alternatives to Abortion Program were higher than budgeted, due to a change in how match expenditures are being reported.
4. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
Field Name: Children_0_1Expended
Row Name: Infants <1 year old
Column Name: Expended
Year: 2011
Field Note:
Due to decreases in state funding, alternative sources for State match were used.
5. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
Field Name: Children_1_22Expended
Row Name: Children 1 to 22 years old
Column Name: Expended
Year: 2011
Field Note:
Due to decreases in state funding and the elimination of the School Health Contracts (\$4,560,612 cut), alternative sources for State match were used.
6. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
Field Name: Children_1_22Expended
Row Name: Children 1 to 22 years old
Column Name: Expended
Year: 2010
Field Note:
Expenditures for the state-funded School Health Program were higher than budgeted, due to a change in how match expenditures are being reported.
7. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
Field Name: CSHCNBudgeted
Row Name: CSHCN
Column Name: Budgeted
Year: 2013
Field Note:
Due to decreases in state funding, alternative sources for State match were used. The state budget issue has also caused a shift in the allocation of some Title V funds. Activities funded were evaluated and placed in the most appropriate category.
8. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
Field Name: CSHCNExpended
Row Name: CSHCN
Column Name: Expended
Year: 2011
Field Note:
Due to decreases in state funding, alternative sources for State match were used. The state budget issue has also caused a shift in the allocation of some Title V funds. Activities funded were evaluated and placed in the most appropriate category.
9. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
Field Name: CSHCNExpended
Row Name: CSHCN
Column Name: Expended
Year: 2010
Field Note:
Expenditures for the Children and Youth with Special Health Care Needs Program were lower than budgeted, due to a re-evaluation of how match expenditures are being reported.
10. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
Field Name: AllOthersExpended
Row Name: All Others
Column Name: Expended
Year: 2011
Field Note:
Due to decreases in state funding, alternative sources for State match were used.
11. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
Field Name: AdminExpended

Row Name: Administration

Column Name: Expended

Year: 2011

Field Note:

Due to decreases in state funding, alternative sources for State match were used.

FORM 5
STATE TITLE V PROGRAM BUDGET AND EXPENDITURES BY TYPES OF SERVICES
[Secs. 505(a)(2)(A-B) and 506(a)(1)(A-D)]
STATE: MO

TYPE OF SERVICE	FY 2008		FY 2009		FY 2010	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
I. Direct Health Care Services (Basic Health Services and Health Services for CSHCN.)	\$ 1,101,043	\$ 1,073,747	\$ 1,028,275	\$ 1,206,994	\$ 565,107	\$ 618,750
II. Enabling Services (Transportation, Translation, Outreach, Respite Care, Health Education, Family Support Services, Purchase of Health Insurance, Case Management, and Coordination with Medicaid, WIC, and Education.)	\$ 6,009,197	\$ 5,556,297	\$ 6,407,900	\$ 5,530,142	\$ 5,899,004	\$ 5,534,483
III. Population-Based Services (Newborn Screening, Lead Screening, Immunization, Sudden Infant Death Syndrome Counseling, Oral Health, Injury Prevention, Nutrition, and Outreach/Public Education.)	\$ 9,533,332	\$ 9,639,311	\$ 9,555,345	\$ 11,569,777	\$ 8,875,575	\$ 10,566,031
IV. Infrastructure Building Services (Needs Assessment, Evaluation, Planning, Policy Development, Coordination, Quality Assurance, Standards Development, Monitoring, Training, Applied Research, Systems of Care, and Information Systems.)	\$ 7,817,233	\$ 7,591,051	\$ 8,833,685	\$ 7,969,573	\$ 8,400,147	\$ 7,683,590
V. Federal-State Title V Block Grant Partnership Total (Federal-State Partnership only. Item 15g of SF 42r. For the "Budget" columns this is the same figure that appears in Line 8, Form 2, and in the "Budgeted" columns of Line 7 Form 3. For the "Expended" columns this is the same figure that appears in the "Expended" columns of Line 7, Form 3.)	\$ 24,460,805	\$ 23,860,406	\$ 25,825,205	\$ 26,276,486	\$ 23,739,833	\$ 24,402,854

FORM 5
STATE TITLE V PROGRAM BUDGET AND EXPENDITURES BY TYPES OF SERVICES
[Secs. 505(a)(2)(A-B) and 506(a)(1)(A-D)]
STATE: MO

TYPE OF SERVICE	FY 2011		FY 2012		FY 2013	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
I. Direct Health Care Services (Basic Health Services and Health Services for CSHCN.)	\$ 972,624	\$ 904,140	\$ 7,965,990	\$	\$ 7,914,894	\$
II. Enabling Services (Transportation, Translation, Outreach, Respite Care, Health Education, Family Support Services, Purchase of Health Insurance, Case Management, and Coordination with Medicaid, WIC, and Education.)	\$ 6,185,659	\$ 5,172,286	\$ 5,663,786	\$	\$ 4,151,293	\$
III. Population-Based Services (Newborn Screening, Lead Screening, Immunization, Sudden Infant Death Syndrome Counseling, Oral Health, Injury Prevention, Nutrition, and Outreach/Public Education.)	\$ 12,003,245	\$ 6,000,773	\$ 5,032,238	\$	\$ 7,105,469	\$
IV. Infrastructure Building Services (Needs Assessment, Evaluation, Planning, Policy Development, Coordination, Quality Assurance, Standards Development, Monitoring, Training, Applied Research, Systems of Care, and Information Systems.)	\$ 6,115,620	\$ 4,582,779	\$ 5,355,331	\$	\$ 5,405,611	\$
V. Federal-State Title V Block Grant Partnership Total (Federal-State Partnership only. Item 15g of SF 42r. For the "Budget" columns this is the same figure that appears in Line 8, Form 2, and in the "Budgeted" columns of Line 7 Form 3. For the "Expended" columns this is the same figure that appears in the "Expended" columns of Line 7, Form 3.)	\$ 25,277,148	\$ 16,659,978	\$ 24,017,345	\$ 0	\$ 24,577,267	\$ 0

FORM NOTES FOR FORM 5

None

FIELD LEVEL NOTES

1. **Section Number:** Form5_Main
Field Name: DirectHCBudgeted
Row Name: Direct Health Care Services
Column Name: Budgeted
Year: 2013
Field Note:
Due to decreases in state funding, alternative sources for State match were used. The state budget issue has also caused a shift in the allocation of some Title V funds. Activities funded were evaluated and placed in the most appropriate pyramid section.
2. **Section Number:** Form5_Main
Field Name: EnablingBudgeted
Row Name: Enabling Services
Column Name: Budgeted
Year: 2013
Field Note:
Due to decreases in state funding, alternative sources for State match were used. The state budget issue has also caused a shift in the allocation of some Title V funds. Activities funded were evaluated and placed in the most appropriate pyramid section.
3. **Section Number:** Form5_Main
Field Name: EnablingExpended
Row Name: Enabling Services
Column Name: Expended
Year: 2011
Field Note:
Due to decreases in state funding, alternative sources for State match were used. The state budget issue has also caused a shift in the allocation of some Title V funds. Activities funded were evaluated and placed in the most appropriate pyramid section.
4. **Section Number:** Form5_Main
Field Name: PopBasedExpended
Row Name: Population-Based Services
Column Name: Expended
Year: 2011
Field Note:
Due to decreases in state funding and the elimination of the School Health Contracts (\$4,560,612 cut), alternative sources for State match were used. The state budget issue has also caused a shift in the allocation of some Title V funds. Activities funded were evaluated and placed in the most appropriate pyramid section.
5. **Section Number:** Form5_Main
Field Name: PopBasedExpended
Row Name: Population-Based Services
Column Name: Expended
Year: 2010
Field Note:
Expenditures for the state-funded School Health Program were higher than budgeted, due to a change in how match expenditures are being reported.
6. **Section Number:** Form5_Main
Field Name: InfrastrBuildExpended
Row Name: Infrastructure Building Services
Column Name: Expended
Year: 2011
Field Note:
Due to significant decreases in state funding, alternative sources for State match were used.

FORM 6

NUMBER AND PERCENTAGE OF NEWBORNS AND OTHERS SCREENED, CASES CONFIRMED, AND TREATED

Sect. 506(a)(2)(B)(iii)

STATE: MO

Total Births by Occurrence: 73,397

Reporting Year: 2011

Type of Screening Tests	(A) Receiving at least one Screen (1)		(B) No. of Presumptive Positive Screens	(C) No. Confirmed Cases (2)	(D) Needing Treatment that Received Treatment (3)	
	No.	%			No.	%
Phenylketonuria	75,974	103.5	13	9	9	100
Congenital Hypothyroidism	75,974	103.5	52	43	43	100
Galactosemia	75,974	103.5	16	2	2	100
Sickle Cell Disease	75,974	103.5	27	20	20	100

Other Screening (Specify)						
Biotinidase Deficiency	75,974	103.5	15	8	8	100
Cystic Fibrosis	75,974	103.5	112	16	16	100
Organic Acid Disorders	75,974	103.5	25	7	7	100
Amino Acid Disorders (excluding PKU)	75,974	103.5	10	2	2	100
Fatty acid Disorders	75,974	103.5	41	16	15	93.8
21-Hydroxylase Deficient Congenital Adrenal Hyperplasia	75,974	103.5	23	7	7	100

Screening Programs for Older Children & Women (Specify Tests by name)

(1) Use occurrent births as denominator.
 (2) Report only those from resident births.
 (3) Use number of confirmed cases as denominator.

FORM NOTES FOR FORM 6

Source: DHSS, Bureau of Genetics and Healthy Childhood. Provisional calendar year 2011 data.

More screens than provisional births is most likely a result of newborn screens being counted as an initial screen when they should have been counted as a repeat and thus are not linked. However, these situations can occur due to a combination of one or more of the following:

- name changes to the baby and/or mother or changes in the mother's address
- babies who have been adopted and have an initial newborn screen under the new adoptive name when the screen should have been counted as a repeat;
- the baby being born in late December 2010 and the newborn screen was received in the lab in January 2011 and thus counted as an initial NBS for 2011; and
- babies born in a bordering state and are transferred for medical care to a Missouri hospital where they will often have a newborn screen in Missouri even though they were not born in Missouri.

FIELD LEVEL NOTES**1. Section Number:** Form6_Main

Field Name: BirthOccurence

Row Name: Total Births By Occurence

Column Name: Total Births By Occurence

Year: 2013

Field Note:

Number of live births of Missouri residents. 2011 provisional data as of March 2012. Source: DHSS Vital Statistics. Final birth number will be available in early 2013.

2. Section Number: Form6_Main

Field Name: Phenylketonuria_OneScreenNo

Row Name: Phenylketonuria

Column Name: Receiving at least one screen

Year: 2013

Field Note:

Thirteen with presumptive positive screens. Nine were confirmed and treated.

Source: DHSS, Bureau of Genetics and Healthy Childhood. Provisional calendar year 2011 data.

3. Section Number: Form6_Main

Field Name: Congenital_OneScreenNo

Row Name: Congenital

Column Name: Receiving at least one screen

Year: 2013

Field Note:

Fifty two with presumptive positive screens. Forty three were confirmed and treated.

Source: DHSS, Bureau of Genetics and Healthy Childhood. Provisional calendar year 2011 data.

4. Section Number: Form6_Main

Field Name: Galactosemia_OneScreenNo

Row Name: Galactosemia

Column Name: Receiving at least one screen

Year: 2013

Field Note:

Sixteen with presumptive positive screens. Two were confirmed and treated.

Source: DHSS, Bureau of Genetics and Healthy Childhood. Provisional calendar year 2011 data.

5. Section Number: Form6_Main

Field Name: SickleCellDisease_OneScreenNo

Row Name: SickleCellDisease

Column Name: Receiving at least one screen

Year: 2013

Field Note:

Twenty seven with presumptive positive screens. Twenty were confirmed and treated.

Source: DHSS, Bureau of Genetics and Healthy Childhood. Provisional calendar year 2011 data.

6. Section Number: Form6_Other Screening Types

Field Name: Other

Row Name: All Rows

Column Name: All Columns

Year: 2013

Field Note:

One case of Fatty Acid Disorder not receiving treatment: baby died prior to treatment.

Source: DHSS, Bureau of Genetics and Healthy Childhood. Provisional calendar year 2011 data.

FORM 7
NUMBER OF INDIVIDUALS SERVED (UNDUPLICATED) UNDER TITLE V
(By CLASS OF INDIVIDUALS AND PERCENT OF HEALTH COVERAGE)

[Sec. 506(a)(2)(A)(i-ii)]

STATE: MO

Number of Individuals Served - Historical Data by Annual Report Year					
Types of Individuals Served	2006	2007	2008	2009	2010
Pregnant Women	39,947	43,136	43,198	44,243	45,397
Infants < 1 year old	80,891	81,100	80,753	78,881	76,309
Children 1 to 22 years old	162,624	184,331	394,484	422,500	354,745
Children with Special Healthcare Needs	10,963	4,568	4,366	3,872	3,587
Others	15,898	20,164	17,991	21,775	20,259
Total	310,323	333,299	540,752	571,271	500,297

Reporting Year: 2011

Types of Individuals Served	TITLE V	PRIMARY SOURCES OF COVERAGE				
	(A) Total Served	(B) Title XIX %	(C) Title XXI %	(D) Private/Other %	(E) None %	(F) Unknown %
Pregnant Women	35,104	100.0				
Infants < 1 year old	75,974	43.4		48.7	8.0	
Children 1 to 22 years old	177,665	26.4		61.8	11.9	
Children with Special Healthcare Needs	3,180	89.0		4.0	7.0	
Others	12,090	9.9		71.3	18.8	
TOTAL	304,013					

FORM NOTES FOR FORM 7

None

FIELD LEVEL NOTES

1. **Section Number:** Form7_Main
Field Name: PregWbmen_TS
Row Name: Pregnant Women
Column Name: Title V Total Served
Year: 2013
Field Note:
Mothers served Home Visiting, FFY 2011 : 546 MCBHV
Mothers receiving home visiting services thru Building Blocks of Mo program 475 FFY 2011
Number of women receiving prenatal care through community health centers, Provisional CY 2011 9,888(duplicates possible);
Alternatives to Abortion, SFY 2011: 1,525;
Healthy Babies (BYB) – Baby Your Baby Keepsake Books distributed: 22,670
Total: 35,104 (duplicates possible)
2. **Section Number:** Form7_Main
Field Name: PregWbmen_XIX
Row Name: Pregnant Women
Column Name: Title XIX %
Year: 2013
Field Note:
Percent of Title XIX is assumed to be 100% of all Title V pregnant women served in 2011.
3. **Section Number:** Form7_Main
Field Name: Children_0_1_TS
Row Name: Infants <1 year of age
Column Name: Title V Total Served
Year: 2013
Field Note:
Infants served Home Visiting, FFY 2011: 192 MCBHV + 432 Building Blocks;
Metabolic Screenings, CY 2011: 75,974;
Newborn Hearing Screening, CY 2011 (provisional): 74,790;
Alternatives to Abortion births, SFY 2011: 460;
Total: 75,974 (duplicates possible)
4. **Section Number:** Form7_Main
Field Name: Children_0_1_XIX
Row Name: Infants <1 year of age
Column Name: Title XIX %
Year: 2013
Field Note:
Percent of Medicaid infants <1 year old is estimate by a surrogate measure of 'no insurance' from U.S. Census Bureau. Current Population Survey 2011, Annual Social & Economic Supplement, 2011
5. **Section Number:** Form7_Main
Field Name: Children_0_1_Private
Row Name: Infants <1 year of age
Column Name: Private/Other %
Year: 2013
Field Note:
Percent of private/other health insurance coverage is estimated by a surrogate measure "Medicaid coverage status for ages 0-1 years", plus no insurance for ages 0-1' subtracted from 100% obtained from the U.S. Census Bureau. Current Population Survey 2011, Annual Social & Economic Supplement, 2011.
6. **Section Number:** Form7_Main
Field Name: Children_0_1_None
Row Name: Infants <1 year of age
Column Name: None %
Year: 2013
Field Note:
Percent of uninsured health coverage for infants <1 year old is estimate by a surrogate measure of 'no insurance' from U.S. Census Bureau. Current Population Survey 2011, Annual Social & Economic Supplement, 2011.
7. **Section Number:** Form7_Main
Field Name: Children_1_22_TS
Row Name: Children 1 to 22 years of age
Column Name: Title V Total Served
Year: 2013
Field Note:
Teen Outreach Program (age 11-15), FFY 2011: 327;
Safe Kids, FFY 2011: 174,881;
SAFE-exams reported to DHSS, FFY 2011: 2,085
Adolescent Health Abstinence FFY 2011: 372
Total: 177,665 (duplicates possible).
8. **Section Number:** Form7_Main
Field Name: Children_1_22_XIX
Row Name: Children 1 to 22 years of age
Column Name: Title XIX %
Year: 2013
Field Note:
Percent of Title XIX coverage is estimated by a surrogate measure "Medicaid coverage status for ages 1-22", obtained from the U.S. Census Bureau. Current Population Survey 2011, Annual Social & Economic Supplement, 2011.
9. **Section Number:** Form7_Main
Field Name: Children_1_22_Private
Row Name: Children 1 to 22 years of age
Column Name: Private/Other %

Year: 2013

Field Note:

Percent of private/other health insurance coverage is estimated by a surrogate measure "Medicaid coverage status for ages 1-22 years", plus no insurance for ages 1-22' subtracted from 100% obtained from the U.S. Census Bureau. Current Population Survey 2011, Annual Social & Economic Supplement, 2011.

10. Section Number: Form7_Main

Field Name: Children_1_22_None

Row Name: Children 1 to 22 years of age

Column Name: None %

Year: 2013

Field Note:

Percent of uninsured health coverage for ages 1-22 years old is estimate by a surrogate measure of 'no insurance' from U.S. Census Bureau. Current Population Survey 2011, Annual Social & Economic Supplement, 2011.

11. Section Number: Form7_Main

Field Name: CSHCN_TS

Row Name: Children with Special Health Care Needs

Column Name: Title V Total Served

Year: 2013

Field Note:

Children with Special Health Care Needs Hope (CSHCN/Youth), SFY 2011: 712
Children with Special Health Care Needs (Service Coordination Only), SFY 2011: 82,
Children with Special Health Care Needs (Healthy Children and Youth), SFY 2011: 2386;
Total: 3,180(duplicate possible).
Children w/Special Health Care Needs (Community Services CSHSN, Breau of Special Health Care Needs) SFY 2011: 30,383
Children w/ Special Health Care Needs (Community Services, CYSHCN), SFY 2011: 14,597,
Children w/Special Health Care Needs (Community Services, AHI), SFY 2011 6,239.
Children w/Special Health Care Needs /SHCN Web Inquiries Provisional SFY 2011: 309,022
Children w/Special Health Care Needs (Healthy Children and Youth), Non Accepted Referrals SFY 2011: 50

12. Section Number: Form7_Main

Field Name: CSHCN_XIX

Row Name: Children with Special Health Care Needs

Column Name: Title XIX %

Year: 2013

Field Note:

Percent of Title XIX children with special health care needs provided by Bureau of Special Health Care Needs, DHSS.

13. Section Number: Form7_Main

Field Name: CSHCN_Private

Row Name: Children with Special Health Care Needs

Column Name: Private/Other %

Year: 2013

Field Note:

Percent of private/other health care coverage for children with special health care needs provided by Bureau of Special Health Care Needs, DHSS.

14. Section Number: Form7_Main

Field Name: CSHCN_None

Row Name: Children with Special Health Care Needs

Column Name: None %

Year: 2013

Field Note:

Percent of children with special health care needs with no insurance coverage in 2011 provided by Bureau of Special Health Care Needs, DHSS.

15. Section Number: Form7_Main

Field Name: AllOthers_TS

Row Name: Others

Column Name: Title V Total Served

Year: 2013

Field Note:

Nurse Training Programs, FFY 2011: 740
Trained in Home Visiting Training programs, FFY 2011: 39
Health care providers, foster parents, professionals receiving training on "Current Adolescent Health Issues" and healthy youth development, FFY 2011: 797
Health care providers, school personnel, and other youth serving professionals receiving the "Adolescent Shorts" newsletter, FFY 2011: 6,000
Childcare providers receiving training on inclusion services for children with special needs, FFY 2011: 971
Number of parents receiving technical assistance for:
Children with special needs, FFY 2011: 162
Community request for education on special needs, FFY 2011: 1,078
Direct contacts made during community awareness activities, FFY 2011: 1,584
Number of families receiving special health care needs publications, FFY 2011: 437
On site inclusion technical assistance visits with child care providers FFY
2011: 282
Total: 12,090

16. Section Number: Form7_Main

Field Name: AllOthers_XIX

Row Name: Others

Column Name: Title XIX %

Year: 2013

Field Note:

Percent of Title XIX coverage is estimated by a surrogate measure "Medicaid coverage status for ages 18-64", obtained from the U.S. Census Bureau. Current Population Survey 2011, Annual Social & Economic Supplement, 2011.

17. Section Number: Form7_Main

Field Name: AllOthers_Private

Row Name: Others

Column Name: Private/Other %

Year: 2013

Field Note:

Percent of private/other health insurance coverage is estimated by a surrogate measure "Medicaid coverage status for ages 18-64", plus no insurance' subtracted from 100% obtained from the U.S. Census Bureau. Current Population Survey 2011, Annual Social & Economic Supplement, 2011.

18. Section Number: Form7_Main

Field Name: AllOthers_None

Row Name: Others

Column Name: None %

Year: 2013

Field Note:

Percent of no health insurance coverage is estimated by a surrogate measure "No insurance coverage status for ages 18-64", obtained from the U.S. Census Bureau. Current Population Survey 2011, Annual Social & Economic Supplement, 2011.

FORM 8
DELIVERIES AND INFANTS SERVED BY TITLE V AND ENTITLED TO BENEFITS UNDER TITLE XIX
(By RACE AND ETHNICITY)
[Sec. 506(a)(2)(C-D)]
STATE: MO

Reporting Year: 2011

I. UNDUPLICATED COUNT BY RACE

	(A) Total All Races	(B) White	(C) Black or African American	(D) American Indian or Native Alaskan	(E) Asian	(F) Native Hawaiian or Other Pacific Islander	(G) More than one race reported	(H) Other and Unknown
DELIVERIES								
Total Deliveries in State	73,687	56,856	10,783	192	1,586	136	2,138	1,996
Title V Served	73,687	56,856	10,783	192	1,586	136	2,138	1,996
Eligible for Title XIX	32,601	21,443	8,172	118	355	80	1,267	1,166
INFANTS								
Total Infants in State	73,378	56,635	10,723	192	1,582	133	2,130	1,983
Title V Served	73,378	56,635	10,723	192	1,582	133	2,130	1,983
Eligible for Title XIX	32,464	21,356	8,134	118	355	79	1,260	1,162

II. UNDUPLICATED COUNT BY ETHNICITY

	(A) Total NOT Hispanic or Latino	(B) Total Hispanic or Latino	(C) Ethnicity Not Reported	HISPANIC OR LATINO (Sub-categories by country or area of origin)				
				(B.1) Mexican	(B.2) Cuban	(B.3) Puerto Rican	(B.4) Central and South American	(B.5) Other and Unknown
DELIVERIES								
Total Deliveries in State	69,148	4,014	525	2,730	75	152	731	326
Title V Served	69,148	4,014	525	2,730	75	152	731	326
Eligible for Title XIX	30,025	2,280	296	1,597	46	69	392	176
INFANTS								
Total Infants in State	68,859	3,999	520	2,721	74	152	728	324
Title V Served	68,859	3,999	520	2,721	74	152	728	324
Eligible for Title XIX	29,896	2,275	293	1,595	45	69	391	175

FORM NOTES FOR FORM 8

Source: DHSS Vital Statistics. Provisional 2011 total births as of March 2012. Final numbers will be available in early 2013.

FIELD LEVEL NOTES

1. **Section Number:** Form8_I. Unduplicated Count By Race
Field Name: DeliveriesTotal_All
Row Name: Total Deliveries in State
Column Name: Total All Races
Year: 2013
Field Note:
DHSS Vital Statistics. Provisional 2011 total deliveries as of March 2012. Final numbers will be available in early 2013.
2. **Section Number:** Form8_I. Unduplicated Count By Race
Field Name: InfantsTotal_All
Row Name: Total Infants in State
Column Name: Total All Races
Year: 2013
Field Note:
DHSS Vital Statistics. Provisional 2011 total live births as of March 2012. Final numbers will be available in early 2013.
3. **Section Number:** Form8_II. Unduplicated Count by Ethnicity
Field Name: DeliveriesTotal_TotalNotHispanic
Row Name: Total Deliveries in State
Column Name: Total Not Hispanic or Latino
Year: 2013
Field Note:
DHSS Vital Statistics. Provisional 2011 total deliveries as of March 2012. Final numbers will be available in early 2013.
4. **Section Number:** Form8_II. Unduplicated Count by Ethnicity
Field Name: InfantsTotal_TotalNotHispanic
Row Name: Total Infants in State
Column Name: Total Not Hispanic or Latino
Year: 2013
Field Note:
DHSS Vital Statistics. Provisional 2011 total live births as of March 2012. Final numbers will be available in early 2013.

FORM 9
STATE MCH TOLL-FREE TELEPHONE LINE DATA FORM (OPTIONAL)
[SECS. 505(a)(E) AND 509(a)(8)]
STATE: MO

	FY 2013	FY 2012	FY 2011	FY 2010	FY 2009
1. State MCH Toll-Free "Hotline" Telephone Number					
2. State MCH Toll-Free "Hotline" Name					
3. Name of Contact Person for State MCH "Hotline"					
4. Contact Person's Telephone Number					
5. Contact Person's Email					
6. Number of calls received on the State MCH "Hotline" this reporting period	0	0	0	0	0

FORM 9
STATE MCH TOLL-FREE TELEPHONE LINE DATA FORM
[SECS. 505(a)(E) AND 509(a)(8)]
STATE: MO

	FY 2013	FY 2012	FY 2011	FY 2010	FY 2009
1. State MCH Toll-Free "Hotline" Telephone Number	(800) 835-5465	(800) 835-5465	(800) 835-5465	(800) 835-5465	(800) 835-5465
2. State MCH Toll-Free "Hotline" Name	TEL-LINK	TEL-LINK	TEL-LINK	TEL-LINK	TEL-LINK
3. Name of Contact Person for State MCH "Hotline"	Peggy Henderson	Peggy Henderson	Peggy Henderson	Peggy Henderson	Peggy Henderson
4. Contact Person's Telephone Number	(573)884-8906	(573)884-8906	(573)884-8906	(573)884-8906	(573) 522-2891
5. Contact Person's Email	Peggy.Henderson@health.mo.gov	Peggy.Henderson@health.mo.gov	Peggy.Henderson@dhss.mo.gov	Peggy.Henderson@dhss.mo.gov	
6. Number of calls received on the State MCH "Hotline" this reporting period	0	0	3042	2741	2785

FORM NOTES FOR FORM 9

None

FIELD LEVEL NOTES

1. **Section Number:** Form9_Main
Field Name: hnumber_2
Row Name: State MCH toll-free hotline telephone number
Column Name: FY
Year: 2013
Field Note:
Total number of calls received in SFY 2011: 3,042
Total Website hits CY 2011: 6,300
2. **Section Number:** Form9_Main
Field Name: hnumber_2
Row Name: State MCH toll-free hotline telephone number
Column Name: FY
Year: 2011
Field Note:
Field Note:
Total calls received in SFY 2009: 2,785
Total Website hits CY 2009: 8,985
3. **Section Number:** Form9_Main
Field Name: calls_2
Row Name: Number of calls received On the State MCH Hbtline This reporting period
Column Name: FY
Year: 2011
Field Note:
Total number of calls received in SFY 2011: 3,042
Total Website hits CY 2011: 6,300

FORM 10
TITLE V MATERNAL & CHILD HEALTH SERVICES BLOCK GRANT
STATE PROFILE FOR FY 2013
[Sec. 506(a)(1)]
STATE: MO

1. State MCH Administration:
(max 2500 characters)

The Title V Maternal and Child Health (MCH) agency in Missouri is the Department of Health and Senior Services (DHSS), Division of Community and Public Health (DCPH). The Deputy Division Director, Melinda Sanders, MSN, RN, serves as the Title V Director. Principal bureaus for serving the MCH population located within the division are; Genetics and Healthy Childhood (GHC), Bureau of Immunization Assessment and Assurance (BIAA), Bureau of Special Health Care Needs (SHCN), Bureau of Health Promotions (BHP) and Bureau of WIC and Nutrition Services (WCNS). GHC implements prevention and intervention strategies to optimize health and environment from pre-pregnancy through adulthood. Related activities include: Newborn Blood Spot Screening; Newborn Hearing Screening; Sickle Cell Anemia; Alternatives to Abortion; Breastfeeding Program; Fetal and Infant Mortality Review, Folic Acid Program; MCH Home Visiting Programs; Newborn Health Program; and TEL-LINK. BIAA provides education and guidance to promote immunization against vaccine preventable diseases. The program receives federal grant funding to administer the federal entitlement Vaccines for Children Program. BIAA also provides education and immunization record assessments for health care providers to increase coverage rates; develops and maintains a central immunization registry; tracks immunizations mandatory for school and day care; forecasts need; and gives technical assistance to providers and the general public regarding recommendations, vaccine safety, schedules, and other general vaccine information. BHP includes activities related to Tobacco Control, Obesity, Adolescent Health Program, Injury/Violence Prevention, and the School Health Program. SHCN provides statewide health care support services, including service coordination, for children and adults with disabilities, chronic illness and birth defects. SHCN administers multiple programs and initiatives including: the Children and Youth with Special Health Care Needs Program, Healthy Children and Youth Program, Physical Disabilities Waiver Program, and the Family Partnership. WCNS focuses on educating participants about the health benefits of breastfeeding and providing nutrition education to WIC participants that result in positive health outcomes. Bureau programs focus on assuring that those Missourians found to be "nutritionally at-risk" to receive nutritious food supplements through local grocery vendors according to federal guidelines.

Block Grant Funds

2. Federal Allocation (Line 1, Form 2)	\$ 11,726,020
3. Unobligated balance (Line 2, Form 2)	\$ 0
4. State Funds (Line 3, Form 2)	\$ 12,843,247
5. Local MCH Funds (Line 4, Form 2)	\$ 0
6. Other Funds (Line 5, Form 2)	\$ 8,000
7. Program Income (Line 6, Form 2)	\$ 0
8. Total Federal-State Partnership (Line 8, Form 2)	\$ 24,577,267

9. Most significant providers receiving MCH funds

<u>Local Public Health Agencies</u>
<u>Home Visiting Agencies</u>
<u>Bureau of SHCN Service Coordination Contracts</u>
<u>Health Promotion Contracts</u>

10. Individuals served by the Title V Program (Col. A, Form 7)

a. Pregnant Women	35,104
b. Infants < 1 year old	75,974
c. Children 1 to 22 years old	177,665
d. CSHCN	3,180
e. Others	12,090

11. Statewide Initiatives and Partnerships:

a. Direct Medical Care and Enabling Services:
(max 2500 characters)

Direct and enabling services either partially or completely funded and/or coordinated by Title V included: Fluoride Varnish Applications: Over 60,000 children were provided fluoride varnish application during the 2011-2012 school year. Assistive Technology Contracts: The SHCN Assistive Technology contract improved access and independence of children and youth with special health care needs by providing modification projects such as: ramps, bathroom modifications, vehicle modifications, stair lifts, hearing/FM systems, etc. Children with Special Health Care Needs Program Contracts: Services include specialty and sub-specialty care on an outpatient or in-patient basis, medication, lab, x-ray, therapies and surgical care. Service Coordination: Special Health Care Needs (SHCN) provided service coordination for program participants/families. Service Coordinators completed Service Coordination Assessments (SCA), Service Plans and Transition Plans through collaboration with participants/families. Home Visiting Programs: The Building Blocks of Missouri (Missouri's Nurse Family Partnership) Nurse Home Visiting Program and the Missouri Community-Based Home Visiting Program provided services to pregnant women and children regarding healthy behaviors and referrals for needed care.

b. Population-Based Services:
(max 2500 characters)

Population-based services either partially or completely funded and/or coordinated by Title V included: Local Public Health Agency Contracts: The MCH program provides funding through contracts with the local public health agencies (LPHAs) to deliver maternal and child health related programs and services to improve the health of families within their jurisdictional area. LPHAs across the state work collaboratively with the local Family Support Division offices, schools, child care providers, WIC, community organizations, private physicians, and others. Newborn Blood Spot Screening: Missouri has met the goal of screening for all 29 core conditions (including hearing) recommended by the American College of Medical Genetics, the March of Dimes and the Missouri Genetic Advisory Committee. When considering secondary conditions, a total of 67 disorders can now be detected through Missouri's newborn screening program. The Missouri Newborn Hearing Screening Program (MNHSP): MNHSP collaborated with Missouri State University (MSU) to design and implement the MOHear Program consisting of: 1) service coordination for families of newborns diagnosed with severe to profound permanent hearing loss and 2) hearing rescreening for infants who failed or missed the initial hearing screening. Adolescent Health: Teen Outreach Program (TOP) contracts support local efforts to promote healthy youth development, improve academic outcomes, and reduce teen pregnancy. Trained 20 new Teen Outreach Programs (TOP) facilitators and offered the first TOP coordinators technical assistance training. Injury Prevention: Funds contracts with 8 SAFE KIDS coalitions to identify the injury prevention needs in their areas, conduct interventions to address those needs, and conduct program evaluation.

c. Infrastructure Building Services:
(max 2500 characters)

Early Childhood Comprehensive Systems (ECCS): The ECCS grant resides within the Title V agency in Missouri. The focus is a statewide early childhood comprehensive system that supports families and communities in their development of children that are healthy and ready to learn at school entry. Serving as the guiding body is the ECCS Steering Team which includes representatives of DHSS, Department of Social Services, Department of Elementary and Secondary Education, Department of Mental Health, Head Start Collaboration Office, Children's Trust Fund, and the United Way among others. Infant Mortality: The Infant Mortality Workgroup convened by the Section for Healthy Families and Youth finalized a Multi-Systems Logic Model to use as a guide for planning purposes. Through this process, the group decided to align these efforts with work currently being done by the Office of Minority Health in the city

of St. Louis' 27th ward, home to one of the state's highest infant mortality rates. Partnering with the St. Louis Department of Health, St. Louis Maternal, Child and Family Health Coalition, Nurses for Newborns, Federally Qualified Health Centers (FQHCs), St. Louis University, Service Corps Volunteers, SIDS Resources, and several Medicaid Managed Care Plans, the Steering Committee is developing an infant mortality outreach initiative, called the TRIUMPH Campaign, designed to increase access to affordable pregnancy tests for low-income women, provide them with information on resources in the area, and utilize minority service entities to assist with infant mortality reduction. The Title V Director serves on the newly created Governor's Task Force on Prematurity and Infant Mortality. Currently, this Task Force is preparing a plan to improve birth outcomes throughout the state.

12. The primary Title V Program contact person:

Name Melinda Sanders, MSN, RN
 Title Title V Director
 Address DCPH, MO Dept of Health and Senior Services
 City Jefferson City
 State MO
 Zip 65109
 Phone 573-751-6252
 Fax 573-526-5348
 Email Melinda.Sanders@health.mo.gov
 Web _____

13. The children with special health care needs (CSHCN) contact person:

Name Steve Cramer, MA
 Title SHCN Director
 Address SHCN, DCPH, MO Dept of Health and Senior Services
 City Jefferson City
 State MO
 Zip 65109
 Phone 573-751-6241
 Fax 573-751-6237
 Email Steve.Cramer@health.mo.gov
 Web _____

FORM NOTES FOR FORM 10

None

FIELD LEVEL NOTES

None

FORM 11
TRACKING PERFORMANCE MEASURES
[SECS 485 (2)(2)(B)(ii) AND 486 (A)(2)(A)(ii)]
STATE: MO

Form Level Notes for Form 11

None

PERFORMANCE MEASURE # 01

The percent of screen positive newborns who received timely follow up to definitive diagnosis and clinical management for condition(s) mandated by their State-sponsored newborn screening programs.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	100	100	100	100	100
Annual Indicator	96.2	98.6	100.0	94.2	100.0
Numerator	101	139	165	146	129
Denominator	105	141	165	155	129
Data Source		DHSS Bureau of Genetics and Healthy Childhood.			
<p>Check this box if you cannot report the numerator because</p> <p>1. There are fewer than 5 events over the last year, and</p> <p>2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. <i>(Explain data in a year note. See Guidance, Appendix IX.)</i></p>					
Is the Data Provisional or Final?				Final	Final
	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	100	100	100	100	100
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #1
Field Name: PM01
Row Name:
Column Name:
Year: 2011
Field Note:
 MO DHSS Bureau of Genetics and Healthy Childhood. Final calendar year 2011 data.
2. **Section Number:** Form11_Performance Measure #1
Field Name: PM01
Row Name:
Column Name:
Year: 2010
Field Note:
 Source: MO DHSS Bureau of Genetics and Healthy Childhood. Final calendar year 2010 data.
3. **Section Number:** Form11_Performance Measure #1
Field Name: PM01
Row Name:
Column Name:
Year: 2009
Field Note:
 Source: MO DHSS Bureau of Genetics and Healthy Childhood. Final calendar year.

PERFORMANCE MEASURE # 02

The percent of children with special health care needs age 0 to 18 years whose families partner in decision making at all levels and are satisfied with the services they receive. (CSHCN survey)

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	57.2	64.5	64.7	64.9	65.1
Annual Indicator	64.1	64.1	72.5	72.5	72.5
Numerator					
Denominator					
Data Source		NS-CSHCN	NS-CSHCN	NS-CSHCN	NS-CSHCN

Check this box if you cannot report the numerator because

- 1. There are fewer than 5 events over the last year, and
- 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final Final

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	72.7	72.7	72.9	72.9	72.9
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #2

Field Name: PM02

Row Name:

Column Name:

Year: 2011

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010. This survey was first conducted in 2001. The same questions were used to generate this indicator for both the 2001 and the 2005-06 CSHCN survey. However, in 2009-2010 there were wording changes and additions to the questions used to generate this indicator. The data for 2009-2010 are NOT comparable to earlier versions of the survey.

The 2009-2010 percentage 72.5% in Missouri was close to the 60th percentile state level and slightly higher than the national figure of 70.3%.

All estimates from the National Survey of CSHCN are subject to sampling variability, as well as survey design flaws, respondent classification and reporting errors, and data processing mistakes

2. **Section Number:** Form11_Performance Measure #2

Field Name: PM02

Row Name:

Column Name:

Year: 2010

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010.

3. **Section Number:** Form11_Performance Measure #2

Field Name: PM02

Row Name:

Column Name:

Year: 2009

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010.

PERFORMANCE MEASURE # 03

The percent of children with special health care needs age 0 to 18 who receive coordinated, ongoing, comprehensive care within a medical home. (CSHCN Survey)

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	61.6	52.2	52.4	52.6	52.8
Annual Indicator	51.8	51.8	44.9	44.9	44.9
Numerator					
Denominator					
Data Source		NS-CSHCN	NS-CSHCN	NS-CSHCN	NS-CSHCN

Check this box if you cannot report the numerator because

- 1. There are fewer than 5 events over the last year, and
- 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final Final

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	47	47	50	50	50
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #3

Field Name: PM03

Row Name:

Column Name:

Year: 2011

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010. Compared to the 2001 CSHCN survey, there were wording changes, skip pattern revisions, and additions to the questions used to generate this indicator for the 2005-06 CSHCN survey. The data for the 2001 and 2005-2006 surveys are not comparable for NPM 3. However, the same questions were used to generate the NPM 3 indicator for both the 2005-2006 and 2009-2010, therefore these two surveys are comparable.

The 2009-2010 percentage 44.9% in Missouri was close to the 60th percentile state level and slightly higher than the national figure of 43.0%.

All estimates from the National Survey of CSHCN are subject to sampling variability, as well as survey design flaws, respondent classification and reporting errors, and data processing mistakes

2. **Section Number:** Form11_Performance Measure #3

Field Name: PM03

Row Name:

Column Name:

Year: 2010

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010.

3. **Section Number:** Form11_Performance Measure #3

Field Name: PM03

Row Name:

Column Name:

Year: 2009

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010.

PERFORMANCE MEASURE # 04

The percent of children with special health care needs age 0 to 18 whose families have adequate private and/or public insurance to pay for the services they need. (CSHCN Survey)

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	69	64.8	64.8	64.9	65
Annual Indicator	64.8	64.8	62.7	62.7	62.7
Numerator					
Denominator					
Data Source		NS-CSHCN	NS-CSHCN	NS-CSHCN	NS-CSHCN

Check this box if you cannot report the numerator because

- 1. There are fewer than 5 events over the last year, and
- 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(*Explain data in a year note. See Guidance, Appendix IX.*)

Is the Data Provisional or Final?

Final Final

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	64	64	65	65	66
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #4

Field Name: PM04

Row Name:

Column Name:

Year: 2011

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010. This survey was first conducted in 2001. The same questions were used to generate the NPM 4 indicator for the 2001, 2005-06, and 2009-2010 CSHCN surveys.

The 2009-2010 percentage 62.7% in Missouri was close to the 65th percentile state level and slightly higher than the national figure of 60.6%.

All estimates from the National Survey of CSHCN are subject to sampling variability, as well as survey design flaws, respondent classification and reporting errors, and data processing mistakes.

2. **Section Number:** Form11_Performance Measure #4

Field Name: PM04

Row Name:

Column Name:

Year: 2010

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010.

3. **Section Number:** Form11_Performance Measure #4

Field Name: PM04

Row Name:

Column Name:

Year: 2009

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (CSHCN), conducted by HRSA and CDC, 2009-2010.

PERFORMANCE MEASURE # 05

Percent of children with special health care needs age 0 to 18 whose families report the community-based service systems are organized so they can use them easily. (CSHCN Survey)

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	83.2	90.5	90.7	90.9	91.1
Annual Indicator	90.1	90.1	65.5	65.5	65.5
Numerator					
Denominator					
Data Source		NS-CSHCN	NS-CSHCN	NS-CSHCN	NS-CSHCN

Check this box if you cannot report the numerator because

- 1. There are fewer than 5 events over the last year, and
- 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final Final

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	65.7	65.7	65.9	65.9	65.9
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #5

Field Name: PM05

Row Name:

Column Name:

Year: 2011

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010. Compared to the 2001 CSHCN survey, there were revisions to the wording, order, and number of questions used to generate this indicator for the 2005-06 CSHCN survey. The questions were also revised extensively for the 2009-2010 CSHCN survey. Therefore, none of the three rounds of the surveys are comparable.

The 2009-2010 percentage 65.5% in Missouri was close to the 55th percentile state level and slightly higher than the national figure of 65.1%.

All estimates from the National Survey of CSHCN are subject to sampling variability, as well as survey design flaws, respondent classification and reporting errors, and data processing mistakes.

2. **Section Number:** Form11_Performance Measure #5

Field Name: PM05

Row Name:

Column Name:

Year: 2010

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010.

3. **Section Number:** Form11_Performance Measure #5

Field Name: PM05

Row Name:

Column Name:

Year: 2009

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS_CSHCN), conducted by HRSA and CDC, 2009-2010.

PERFORMANCE MEASURE # 06

The percentage of youth with special health care needs who received the services necessary to make transitions to all aspects of adult life, including adult health care, work, and independence.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	<u>7</u>	<u>54.4</u>	<u>54.4</u>	<u>54.5</u>	<u>54.6</u>
Annual Indicator	<u>54.4</u>	<u>54.4</u>	<u>40.3</u>	<u>40.3</u>	<u>40.3</u>
Numerator	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Denominator	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Data Source		NS-CSHCN	NS-CSHCN	NS-CSHCN	NS-CSHCN

Check this box if you cannot report the numerator because
 1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
 (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final Final

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	<u>42</u>	<u>42</u>	<u>43</u>	<u>43</u>	<u>44</u>
Annual Indicator	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Numerator	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Denominator	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Field Level Notes

1. Section Number: Form11_Performance Measure #6

Field Name: PM06

Row Name:

Column Name:

Year: 2011

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010. Compared to the 2001 CSHCN survey, there were wording changes, skip pattern revisions, and additions to the questions used to generate this indicator for the 2005-06 CSHCN survey. There were also issues around the reliability of the 2001 data because of the sample size. The data for the two surveys are not comparable for NPM 6, and findings from the 2005-06 survey may be considered baseline data. However, the same questions were used to generate the NPM 6 indicator for the 2009-2010 survey. Therefore, the 2005-2006 and 2009-2010 surveys can be comparable.

The 2009-2010 percentage 40.3% in Missouri was close to the 40th percentile state level and slightly higher than the national figure of 40.0%.

All estimates from the National Survey of CSHCN are subject to sampling variability, as well as survey design flaws, respondent classification and reporting errors, and data processing mistakes.

2. Section Number: Form11_Performance Measure #6

Field Name: PM06

Row Name:

Column Name:

Year: 2010

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010.

3. Section Number: Form11_Performance Measure #6

Field Name: PM06

Row Name:

Column Name:

Year: 2009

Field Note:

Indicator data comes from the National Survey of Children with Special Health Care Needs (NS-CSHCN), conducted by HRSA and CDC, 2009-2010.

PERFORMANCE MEASURE # 07

Percent of 19 to 35 month olds who have received full schedule of age appropriate immunizations against Measles, Mumps, Rubella, Polio, Diphtheria, Tetanus, Pertussis, Haemophilus Influenza, and Hepatitis B.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	82.3	82.9	80.4	72.3	66
Annual Indicator	82.1	71.1	71.8	73.8	73.8
Numerator	64,487	57,842	58,791	59,737	58,191
Denominator	78,547	81,353	81,883	80,944	78,849
Data Source		National Immunization Survey	National Immunization Survey	National Immunization Survey	National Immunization Survey

Check this box if you cannot report the numerator because

- 1. There are fewer than 5 events over the last year, and
- 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	74.5	75.3	76	76.8	77.5
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. Section Number: Fom11_Performance Measure #7

Field Name: PM07

Row Name:

Column Name:

Year: 2011

Field Note:

Estimated Vaccination Coverage with 4:3:1:3:3 Among Children 19-35 Months of Age - US, National Immunization Survey. Data is unavailable for 2011. 2010 data used as a proxy for 2011. Population of infants <1 year of age in 2009 used as denominator estimate of 19-35 month olds in 2011. We also updated 2008, 2009 and 2010 data with series 4:3:1:3:3. Population Source: DHSS Missouri Information for Community Assessment (MICA)-Population.

It is not recommended for comparison to years prior to 2009 because of the changes made in the way the Hib vaccine is now measured and the vaccine shortage that affected a large percent of children that were included in the 2009 and 2010 samples. 2008 and previous years remember though that the estimates are not directly comparable since they do not consider the brand type where some children may be counted as up to date with 3 doses but may require 4 doses to be up to date.

2. Section Number: Fom11_Performance Measure #7

Field Name: PM07

Row Name:

Column Name:

Year: 2010

Field Note:

CDC no longer reports immunization rate for series 4:3:1:3:3. 2010 data based on 4:3:1:3:3:1 Series, US, National Immunization Survey, Q3/2009-Q2/2010. Population of infants <1 year of age in 2008 used as denominator estimate of 19-35 month olds in 2010. Population Source: DHSS Missouri Information for Community Assessment (MICA)-Population.

We also updated 2008 and 2009 data with new series 4:3:1:3:3:1. Both MO and the nation have seen a decrease in the rate of childhood vaccination coverage for three consecutive years 2008-2010. Prior to 2008, MO's rates were generally comparable with the national rates; MO's rates have tended to be lower than the national rates since 2008.

The MO DHSS Immunization Program has been adding more health care providers to the Vaccines for Children program. However, many private health care providers have declined carrying vaccines in their practice due to cost and they refer these patients to local public health agencies, community health centers, etc.

An annual increase of 0.5% was set up for objectives 2011-2015, based on discussions with the MO DHSS Immunization Program.

3. Section Number: Fom11_Performance Measure #7

Field Name: PM07

Row Name:

Column Name:

Year: 2009

Field Note:

Data is for the 4:3:1:3:3 Series, US, National Immunization Survey, Q3/2008-Q2/2009. Population of infants <1 year of age in 2007 used as denominator estimate of 19-35 month olds in 2009. Population Source: DHSS Missouri Information for Community Assessment (MICA)-Population.

Both MO and the nation have seen a decrease in the rate of childhood vaccination coverage for two consecutive years 2008-2009. Prior to 2008, MO's rates were generally comparable with the national rates; MO's rates had tended to be lower than the national rates since 2008 though the difference was not statistically significant.

The MO DHSS Immunization Program has been adding more health care providers to the Vaccines for Children program. However, many private health care providers have declined carrying vaccines in their practice due to cost and they refer these patients to local public health agencies, community health centers, etc.

The Hib vaccine supply has been re-established and health care providers are able to re-call children to receive their full immunization. However, it is harder to accomplish the re-call for immunization than taking advantage of an already scheduled visit during which time the vaccine would have been provided.

An annual increase of 0.5% was set up for objectives 2010-2014, based on discussions with the MO DHSS Immunization Program.

PERFORMANCE MEASURE # 08

The rate of birth (per 1,000) for teenagers aged 15 through 17 years

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	17.2	21.4	21	19.2	18.7
Annual Indicator	21.4	21.6	19.5	17.0	15.4
Numerator	2,685	2,662	2,371	2,047	1,850
Denominator	125,231	123,266	121,535	120,445	120,445
Data Source		MO DHSS. Vital Statistics			

Check this box if you cannot report the numerator because
 1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
 (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	15.1	14.8	14.5	14.2	13.9
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. Section Number: Fom11_Performance Measure #8

Field Name: PM08

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS Vital Statistics-Birth data, U.S. Census Bureau, 2010 Population estimates. Numerator is provisional 2011 births to women age 15-17 years as of March 2012. Final data will be available in early 2013. Denominator is 2010 population number being used as proxy for 2011. Numerator and denominator for 2010 are updated with 2010 final birth number and 2010 population respectively.

The birth rate among girls 15-17 years of age in MO was 15.4 per 1,000 in 2011 (provisional), which decreased for three consecutive years 2009-2011. A slight decrease of 0.3 per 1,000 is anticipated for 2012-2016, based on trend analysis and discussions with the Bureau of Health Promotion and Section for Healthy Families and Youth.

2. Section Number: Fom11_Performance Measure #8

Field Name: PM08

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Births, DHSS Vital Statistics, MICA-Population. MO started using the 2003 revision of birth certificate in 2010. Numerator is provisional 2010 birth number to women age 15-17 years as of March 2011. Final data will be available early 2012. Denominator is 2009 population number being used as proxy for 2010. Final population data will be available in November 2011.

Numerator and denominator for 2009 are updated with 2009 final birth number and 2009 population estimate respectively.

The birth rate among girls 15-17 years of age in MO was 19.0 per 1,000 in 2010 (provisional), which decreased for two consecutive years 2009-2010. 2011-2015 objectives based on trend analysis and discussions with the Section for Healthy Families and Youth.

3. Section Number: Fom11_Performance Measure #8

Field Name: PM08

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Births, DHSS Vital Statistics, MICA-Population. Numerator is provisional 2009 birth number to women age 15-17 years as of April 2010. Final data will be available November 2010. Denominator is 2008 population number being used as proxy for 2009. Final population data will be available November 2010.

Numerator and denominator for 2008 are updated with 2008 final birth number and 2008 population estimate respectively.

The birth rate among girls 15-17 years of age in MO was 19.2 per 1,000 in 2009 (provisional), which decreased by 11.1% compared with the rate in 2008 (21.6 per 1,000).

The Adolescent Health Program, MO DHSS is in the process of applying for several federal funded teen pregnancy prevention grants. Other organizations across the state are also planning for applying grants that support evidence-based teen pregnancy prevention initiatives and strategies to reach teens. Considering these efforts, MO expects to see a gradual decrease in teen birth rate in the next few years especially since the implementation of the potential programs in 2011.

PERFORMANCE MEASURE # 09

Percent of third grade children who have received protective sealants on at least one permanent molar tooth.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	35	31.6	32.6	29.1	25.1
Annual Indicator	28.6	28.6	24.4	24.4	24.4
Numerator	19,355	19,252	16,675	16,603	16,406
Denominator	67,677	67,314	68,340	68,047	67,239
Data Source		Missouri Oral Health Survey			
Check this box if you cannot report the numerator because					
1. There are fewer than 5 events over the last year, and					
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.					
(Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	24.4	24.4	25.4	25.4	25.4
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. Section Number: Form11_Performance Measure #9

Field Name: PM09

Row Name:

Column Name:

Year: 2011

Field Note:

Source: Missouri Oral Health Survey conducted every five years. The most recent data from Missouri Oral Health Survey 2009-2010 is used as proxy for 2011. Denominator is 3rd grade fall enrollment figure for 2010-2011 school year, from the Missouri Department of Elementary & Secondary Education. Numerator is estimated based on the 2009-2010 percentage.

2. Section Number: Form11_Performance Measure #9

Field Name: PM09

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Oral Health Survey 2009-2010. Denominator is 3rd grade Fall enrollment figure for 2009-2010 school year, from the Missouri Department of Elementary & Secondary Education. Numerator is estimated based on the 2009-2010 percentage.

The Office of Primary Care and Rural Health (OPCRH) does not have a dental sealant program. The OPCRH currently funds a fluoride varnish treatment program (Preventive Services Program) and has funded a fluoride mouth rinse program in previous years. The OPCRH promotes the benefits of dental sealants through its oral health education program.

The Oral Health Program anticipates gradual improvement in the percent of third grade children receiving protective sealants on at least one permanent molar tooth.

3. Section Number: Form11_Performance Measure #9

Field Name: PM09

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Oral Health Survey 2009-2010. Denominator is 3rd grade Fall enrollment figure for 2008-2009 school year, from the Missouri Department of Elementary & Secondary Education. Numerator is estimated based on the 2009-2010 percentage.

The Missouri Oral Health Survey 2009-2010 encountered low rate of school participation due to the H1N1 flu severely impacting school attendance. A convenience sample of 15 schools participating in the Missouri Oral Health Program were added to the sampling frame. Therefore, the 2009-2010 data may not be generalizable to all third grade children in Missouri.

There has been a decrease in school based dental sealant programs in Missouri because of funding constraints. A slight increase of 0.1% per year based on 2005 data was chosen to create future objectives for 2010-2014, with consideration of both past performance and discussions with the DHSS Oral Health Program.

PERFORMANCE MEASURE # 10

The rate of deaths to children aged 14 years and younger caused by motor vehicle crashes per 100,000 children.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	3.5	3.5	3.1	2.7	1.8
Annual Indicator	3.6	3.1	2.8	1.8	3.1
Numerator	42	36	33	21	37
Denominator	1,169,228	1,170,036	1,182,542	1,177,625	1,177,625
Data Source		MO DHSS. Vital Statistics			
Check this box if you cannot report the numerator because					
1. There are fewer than 5 events over the last year, and					
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.					
(Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Provisional	Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	2.9	2.9	2.7	2.7	2.5
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. Section Number: Form11_Performance Measure #10

Field Name: PM10

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS Vital Statistics-Deaths. 2010 and 2011 are provisional death data as of March 2012. Final 2011 death data will be available in early 2013. U.S. Census Bureau, 2010 final Population estimates used as a proxy for 2011 denominator.

A slight decrease of 0.2 per 100,000 every two years is anticipated for objectives 2012-2016, based on a combination of trend analysis on data 2007-2011, and discussions with the Office of Epidemiology, Bureau of Health Promotion and Section for Healthy Families and Youth, MO DHSS.

2. Section Number: Form11_Performance Measure #10

Field Name: PM10

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Information for Community Assessment (MICA) - Death, Missouri Vital Statistics, MO DHSS. MO started using the 2003 revision of death certificate in 2010. 2010 provisional death data as of April 2011. 2010 final death data will be available in early 2012. 2009 population estimate is used as a proxy for 2010. The 2010 population estimate for specific age groups will be available in November 2011.

Numerator and denominator for 2009 are updated with 2009 final death number and 2009 population estimate.

The death rate due to MVC among children under 15 in MO further decreased from 2.7 in 2009 to 1.8 per 100,000 in 2010 (provisional). A gradual decrease of 0.1 per 100,000 for every two years was chosen to create objectives 2011-2015, based on a combination of trend analysis on data 1999-2010, and discussions with the Section for Healthy Families and Youth, MO DHSS.

3. Section Number: Form11_Performance Measure #10

Field Name: PM10

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Information for Community Assessment (MICA) - Death, Missouri Vital Statistics, MO DHSS. 2009 provisional death data as of April 2010. 2009 final death data will be available in November 2010. 2008 population estimate is used as a proxy for 2009. The 2009 population estimate for specific age groups will be available in November 2010.

Numerator and denominator for 2008 are updated with 2008 final death number and 2008 population estimate.

The death rate due to MVC among children under 15 in MO further decreased from 3.1 in 2008 to 2.7 per 100,000 in 2009 (provisional), though the decrease was not statistically significant. A gradual decrease of 0.1 per 100,000 for every two years was chosen to create objectives 2010-2014, based on a combination of trend analysis on data 1999-2009, and discussions with the Section of Healthy Families and Youth, MO DHSS.

PERFORMANCE MEASURE # 11

The percent of mothers who breastfed their infants at 6 months of age.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	34	34.9	35.1	36.4	36.6
Annual Indicator	30.5	33.0	38.2	35.1	35.1
Numerator	23,957	26,846	31,279	28,411	27,675
Denominator	78,547	81,353	81,883	80,944	78,849
Data Source		National Immunization Survey	National Immunization Survey	National Immunization Survey	National Immunization Survey
Check this box if you cannot report the numerator because					
1. There are fewer than 5 events over the last year, and					
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.					
(Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Provisional	Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	35.3	35.7	35.9	36.1	36.3
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. Section Number: Form11_Performance Measure #11

Field Name: PM11

Row Name:

Column Name:

Year: 2011

Field Note:

Source: Breastfeeding percentage is from CDC's National Immunization Survey. 2010 data used as a proxy for 2011. 2011 (2009 birth cohort) final data will be updated in summer of 2013. The 2011 denominator is number of 2009 births in Missouri from DHSS Missouri Information for Community Assessment (MICA)-Births, MO Vital Statistics.

Objectives 2012-2016 were based on a combination of trend analysis of data 2003-2010 and discussions with the Section for Healthy Families and Youth, MO DHSS.

2. Section Number: Form11_Performance Measure #11

Field Name: PM11

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Breastfeeding percentage is from CDC's National Immunization Survey. 2009 Final data is used as a proxy for 2010. 2010 (2008 birth cohort) final data will be updated in summer of 2012. The 2010 denominator is number of 2008 births in Missouri from DHSS Missouri Information for Community Assessment (MICA)-Births, MO Vital Statistics.

The percent of mothers who breastfed their infants at 6 months of age in Missouri increased from 31.8% in 2003 to 38.2% in 2009 (provisional). Objectives 2011-2015 were based on a combination of trend analysis of data 2003-2009 and discussions with the Section for Healthy Families and Youth, MO DHSS.

3. Section Number: Form11_Performance Measure #11

Field Name: PM11

Row Name:

Column Name:

Year: 2009

Field Note:

Breastfeeding percentage is from CDC's National Immunization Survey. 2009 Final data (2007 birth cohort). The 2009 denominator is number of 2007 births in Missouri from DHSS Missouri Information for Community Assessment (MICA)-Births, MO Vital Statistics. 2008 data (2006 birth cohort) is updated with final number.

The percent of mothers who breastfed their infants at 6 months of age in Missouri increased from 31.8% in 2003 to 38.2% in 2009. Objectives 2010-2014 were based on a combination of trend analysis of data 2003-2009 and discussions with the Section of Healthy Families and Youth, MO DHSS.

PERFORMANCE MEASURE # 12

Percentage of newborns who have been screened for hearing before hospital discharge.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	99	99	99	99	92.9
Annual Indicator	97.2	96.8	92.9	93.3	96.2
Numerator	79,580	78,375	73,230	71,586	73,867
Denominator	81,883	80,944	78,849	76,718	76,785
Data Source		Missouri Newborn Hearing Screening Program			
Check this box if you cannot report the numerator because					
1. There are fewer than 5 events over the last year, and					
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	100	100	100	100	100
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. Section Number: Form11_Performance Measure #12

Field Name: PM12

Row Name:

Column Name:

Year: 2011

Field Note:

Source: Missouri Newborn Hearing Screening Program, DHSS Bureau of Genetics and Healthy Childhood. Numerator is provisional number of newborns screened before hospital discharge. Denominator is number of 2011 provisional recorded births as of April 2012 from DHSS Vital Statistics-Births. Final numbers for 2011 will be available in early 2013.

Numerator and denominator for 2010 are updated with final 2010 data.

2. Section Number: Form11_Performance Measure #12

Field Name: PM12

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Newborn Hearing Screening Program, DHSS Bureau of Genetics and Healthy Childhood. Final 2010 data for number screened will be available January 2012.

Numerator is provisional number of newborns screened before discharge. Denominator is number of 2010 provisional live births as of March 2011 from Birth data, DHSS Vital Statistics. Final birth number for 2010 will be available in early 2012.

Numerator and denominator for 2009 are updated with final 2009 data.

To be counted for "screened prior to discharge", the hospital must mark the box that states "screened prior to discharge." It is possible that some programs skip that step when filling out the result form. It should be noted that 73,905 MO infants or 97.1% were screened prior to one month of age in 2010 (provisional) - the standard indicator that all state EHDI programs report to CDC.

3. Section Number: Form11_Performance Measure #12

Field Name: PM12

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Newborn Hearing Screening Program, DHSS Bureau of Genetics and Healthy Childhood. Final 2009 data for number screened will be available January 2011.

Numerator is provisional number of newborns screened before discharge. Denominator is number of 2009 provisional live births as of April 2010 from Birth data, DHSS Vital Statistics. Final birth number for 2009 will be available November 2010.

Numerator and denominator for 2008 are updated with final 2008 data.

The difference between 2008 and 2009 stems from the lack of a specific MOHSAIC report that counted those result forms marked "screened before discharge" in 2009. To be counted, the hospital must mark the box that states "screened prior to discharge." It is possible that some programs skip that step when filling out the result form. It should be noted that 76,618 MO infants or 97.2% were screened prior to one month of age in 2009 - the standard indicator that all state EHDI programs report to CDC.

PERFORMANCE MEASURE # 13

Percent of children without health insurance.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	7.9	10.5	10.4	6.7	9.2
Annual Indicator	10.4	6.8	9.5	8.9	8.9
Numerator	150,454	96,051	136,574	124,482	124,482
Denominator	1,441,898	1,413,974	1,433,930	1,393,977	1,393,977
Data Source		US Census Bureau. Current Population Survey			

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
 (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	8.7	8.6	8.5	8.4	8.3
Annual Indicator					
Numerator					
Denominator					

Field Level Notes**1. Section Number:** Form11_Performance Measure #13**Field Name:** PM13**Row Name:****Column Name:****Year:** 2011**Field Note:**

Source: US Census Bureau. Current Population Survey (CPS), Annual Social & Economic Supplement (ASES), 2011. The 2011 survey reflects insurance coverage in 2010. This measure is for children <18 years of age.

Data from the CPS, ASES, 2012 will be updated in summer of 2013.

Annual indicator, numerator and denominator for 2010 are updated with 2010 insurance coverage data from the CPS, ASES, 2011.

The percent of children without health insurance in Missouri in 2010(8.9%) was significantly lower than the nation figure (9.8%). Objectives 2012-2016 were based on a combination of trend analysis on data 2007-2010, and discussions with the Section for Healthy Families and Youth, MO DHSS.

2. Section Number: Form11_Performance Measure #13**Field Name:** PM13**Row Name:****Column Name:****Year:** 2010**Field Note:**

Source: US Census Bureau. Current Population Survey (CPS), Annual Social & Economic Supplement (ASES), 2010. The 2010 survey reflects insurance coverage in 2009. This measure is for children <18 years of age.

Data from the CPS, ASES, 2011 will be updated in summer of 2012.

Annual indicator, numerator and denominator for 2009 are updated with 2009 insurance coverage data from the CPS, ASES, 2010.

The percent of children without health insurance in Missouri in 2009(9.7%) was slightly lower than the nation figure (10%). Objectives 2011-2015 were based on considerations of potential impact of health care reform and discussions with the Section for Healthy Families and Youth, MO DHSS.

3. Section Number: Form11_Performance Measure #13**Field Name:** PM13**Row Name:****Column Name:****Year:** 2009**Field Note:**

Source: US Census Bureau. Current Population Survey (CPS), Annual Social & Economic Supplement (ASES), 2009. The 2009 survey reflects insurance coverage in 2008. This measure is for children <18 years of age.

Data from the CPS, ASES, 2010 will be available at the end of September 2010.

Annual indicator, numerator and denominator for 2008 are updated with 2008 insurance coverage data from the CPS, ASES, 2009

The percent of children without health insurance in Missouri showed a gradual increasing trend from 2001 to 2007. However, the percentage decreased from 10.4% in 2007 to 6.8% in 2008. A slight decrease of 0.1% per year was set up for objectives 2010-2014, with considerations of potential policy changes and discussions with the Section of Healthy Families and Youth, MO DHSS.

PERFORMANCE MEASURE # 14

Percentage of children, ages 2 to 5 years, receiving WIC services with a Body Mass Index (BMI) at or above the 85th percentile.

	2007	2008	2009	2010	2011
Annual Performance Objective	30	30	30.7	30.6	29.6
Annual Indicator	30.3	30.7	30.3	29.8	28.9
Numerator	16,665	18,699	18,226	20,129	19,610
Denominator	55,001	60,908	60,150	67,547	67,853
Data Source		Pediatric Nutritional Surveillance System			
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

	2012	2013	2014	2015	2016
Annual Performance Objective	28.9	28.6	28.4	28.2	28
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

- Section Number:** Fom11_Performance Measure #14
Field Name: PM14
Row Name:
Column Name:
Year: 2011
Field Note:
 Source: CDC data tables from 2011 Pediatric Nutritional Surveillance System.
- Section Number:** Fom11_Performance Measure #14
Field Name: PM14
Row Name:
Column Name:
Year: 2010
Field Note:
 Source: CDC data tables from 2010 Pediatric Nutritional Surveillance System.

WIC anticipates further decrease in percent of overweight/obesity among WIC children in the next five years.
- Section Number:** Fom11_Performance Measure #14
Field Name: PM14
Row Name:
Column Name:
Year: 2009
Field Note:
 Source: CDC data tables from 2008 Pediatric Nutritional Surveillance System. 2008 numbers being used as a proxy for 2009. The 2009 numbers will not be available until Fall 2010.

WIC has implemented the new WIC food package since October 2009. We anticipate a gradual decrease in the overweight rate among WIC children.

PERFORMANCE MEASURE # 15

Percentage of women who smoke in the last three months of pregnancy.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	19	19.6	18	20.5	18.7
Annual Indicator	18.4	21.8	18.9	16.7	16.7
Numerator	15,066	16,538	13,985	11,879	11,879
Denominator	81,883	76,034	73,863	70,959	70,959
Data Source		Missouri PRAMS	Missouri PRAMS	Missouri PRAMS	Missouri PRAMS

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
 (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	16.5	16.5	16.3	16.3	16.1
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #15

Field Name: PM15

Row Name:

Column Name:

Year: 2011

Field Note:

The 2011 estimated percentage of maternal smoking during the last 3 months of pregnancy is not available yet. The 2010 data based on the 2010 Missouri PRAMS survey response is used as proxy for 2011. 2011 PRAMS data will be available January 2013. Numerator and Denominator based on weighted PRAMS data.

A gradual decrease in maternal smoking rate during the last 3 months of pregnancy was set up for objectives 2012-2016, based on discussions with the Section for Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_Performance Measure #15

Field Name: PM15

Row Name:

Column Name:

Year: 2010

Field Note:

The 2010 estimated percentage of maternal smoking during the last 3 months of pregnancy is not available yet. The 2009 data based on the 2009 Missouri PRAMS survey response is used as proxy for 2010. 2010 PRAMS data will be available January 2012. Numerator and Denominator based on weighted PRAMS data.

A gradual decrease in maternal smoking rate during the last 3 months of pregnancy was set up for objectives 2011-2015, based on discussions with the Section for Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_Performance Measure #15

Field Name: PM15

Row Name:

Column Name:

Year: 2009

Field Note:

Source: The 2009 estimated percentage of maternal smoking during the last 3 months of pregnancy from 2009 PRAMS survey. Numerator and Denominator based on weighted PRAMS data.

PERFORMANCE MEASURE # 16

The rate (per 100,000) of suicide deaths among youths aged 15 through 19.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	5.3	8	9.5	8	7.8
Annual Indicator	8.5	11.6	7.9	7.8	8.5
Numerator	35	48	33	33	36
Denominator	414,182	412,660	418,341	423,786	423,786
Data Source		MO DHSS. Vital Statistics			

Check this box if you cannot report the numerator because
 1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5
 and therefore a 3-year moving average cannot be applied.
 (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Provisional Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	7.8	7.7	7.6	7.5	7.4
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. Section Number: Form11_Performance Measure #16

Field Name: PM16

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS Vital Statistics-Deaths. Numerator is provisional 2011 death number of persons age 15 through 19 years as of March 2012. Final number will be available in early 2013. The 2010 population estimate of persons age 15-19 years is used as a proxy for 2011.

Objectives for 2012-2016 were based on trend analysis of data 2007-2011 and discussions with the Bureau of Health Promotion and Section for Healthy Families and Youth, MO DHSS.

2. Section Number: Form11_Performance Measure #16

Field Name: PM16

Row Name:

Column Name:

Year: 2010

Field Note:

Source: DHSS Vital Statistics. Numerator is provisional 2010 death number of persons age 15 through 19 years as of March 2011. Final number will be available in early 2012. The 2009 population estimate of persons age 15-19 years is used as proxy for 2010. The 2010 population number will be available November 2011.

MO started using the 2003 revision of death certificate in 2010. Objectives for 2011-2015 were based on trend analysis of data 1999-2010 and discussions with the Section For Healthy Families and Youth, MO DHSS.

3. Section Number: Form11_Performance Measure #16

Field Name: PM16

Row Name:

Column Name:

Year: 2009

Field Note:

Source: DHSS Vital Statistics. Numerator is provisional 2009 death number of persons age 15 through 19 years as of April 2010. Final number will be available November 2010. The 2008 population estimate of persons age 15-19 years is used as proxy for 2009. The 2009 population number will be available November 2010.

The increase in MO's teen suicide rate observed in 2008 did not continue in 2009. The teen suicide rate decreased from 11.6 per 100,000 in 2008 to 8 per 100,000 in 2009 (provisional). Objectives for 2010-2014 were based on trend analysis of data 1999-2009 and discussions with the Section of Healthy Families and Youth, MO DHSS.

PERFORMANCE MEASURE # 17

Percent of very low birth weight infants delivered at facilities for high-risk deliveries and neonates.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	80.9	77	78.5	79.2	78.1
Annual Indicator	76.2	81.1	78.7	76.6	78.9
Numerator	893	886	909	860	770
Denominator	1,172	1,092	1,155	1,110	976
Data Source		MO DHSS. Vital Statistics			
Check this box if you cannot report the numerator because					
1. There are fewer than 5 events over the last year, and					
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	79.1	79.1	80.1	80.1	80.3
Annual Indicator					
Numerator					
Denominator					

Field Level Notes**1. Section Number:** Fom11_Performance Measure #17**Field Name:** PM17**Row Name:****Column Name:****Year:** 2011**Field Note:**

Source: MO DHSS Vital Statistics-Births. Denominator is very low birth weight (VLBW) infants born to Missouri residents and delivered in Missouri, provisional data as of March 2012.

Numerator is VLBW infants delivered at Level III Missouri hospitals. Final 2011 numbers will be available in early 2013. Very low birth weight (VLBW) defined as less than 1500 grams birth weight.

Numerator and denominator for 2010 are updated with 2010 final data.

2. Section Number: Fom11_Performance Measure #17**Field Name:** PM17**Row Name:****Column Name:****Year:** 2010**Field Note:**

Source: DHSS Vital Statistics. MO started using the 2003 revision of birth certificate in 2010. Denominator is very low birth weight (VLBW) infants born to Missouri residents and delivered in Missouri, provisional data as of March 2011. Numerator is VLBW infants delivered at Level III Missouri hospitals. Final 2010 numbers will be available early 2012. Very low birth weight (VLBW) defined as less than 1500 grams birth weight.

Numerator and denominator for 2009 are updated with 2009 final data.

There are multiple factors at play in this indicator such as competitive admission practices among hospitals and inappropriate admission based on insurance status. A modest improvement of 0.2% in this measure is set up for objectives 2011-2015, based on discussions with the Bureau of Health Informatics and the Section for Healthy Families and Youth, MO DHSS.

3. Section Number: Fom11_Performance Measure #17**Field Name:** PM17**Row Name:****Column Name:****Year:** 2009**Field Note:**

Source: DHSS Vital Statistics. Denominator is very low birth weight (VLBW) infants born to Missouri residents and delivered in Missouri, provisional data as of May 2010. Numerator is VLBW infants delivered at Level III Missouri hospitals. Final 2009 numbers will be available November 2010. Very low birth weight (VLBW) defined as less than 1500 grams birth weight.

Numerator and denominator for 2008 are updated with 2008 final data.

There are multiple factors at play in this indicator such as competitive admission practices among hospitals and inappropriate admission based on insurance status. A modest improvement of 0.5% in this measure is set up for objectives 2010-2014, based on discussions with the Bureau of Health Informatics and the Section of Healthy Families and Youth, MO DHSS.

PERFORMANCE MEASURE # 18

Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	87.3	84.6	84	84.4	76.4
Annual Indicator	84.1	83.8	84.5	76.6	75.6
Numerator	68,863	67,844	66,665	55,783	52,489
Denominator	81,883	80,944	78,849	72,860	69,412
Data Source		MO DHSS. Vital Statistics			

Check this box if you cannot report the numerator because
 1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
 (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	75.8	76	76.2	76.4	76.6
Annual Indicator					
Numerator					
Denominator					

Field Level Notes

1. Section Number: Fom11_Performance Measure #18

Field Name: PM18

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS Vital Statistics-Births. Provisional 2011 data as of March 2012. Final 2011 data will be available in early 2013.

To be consistent with the definition used by MICA, starting from 2010 data, the denominator has been changed from including total live births to only including live births with known prenatal care status.

An annual increase of 0.2% is anticipated for objectives 2012-2016, based on trend analysis and discussions with the Bureau of Health Promotion and Section for Healthy Families and Youth.

2. Section Number: Fom11_Performance Measure #18

Field Name: PM18

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Births, DHSS Vital Statistics. Provisional 2010 data as of March 2011. Final 2010 data will be available in early 2012.

To be consistent with the definition used by MICA, starting from 2010 data, the denominator has been changed from including total live births to only including live births with known prenatal care status.

In addition, MO started using the 2003 revision of Birth Certificate in 2010. The percentage of early prenatal care from the 2003 revision is not comparable to that collected using the earlier revision due to a change in how prenatal care is reported in the 2003 revision. A decline in the percentage of early prenatal care has been reported in states following the implementation of the 2003 revision.

An annual increase of 0.2% is used to create objectives 2011-2015, based on discussions with the Section For Healthy Families and Youth, MO DHSS.

3. Section Number: Fom11_Performance Measure #18

Field Name: PM18

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Births, DHSS Vital Statistics. Provisional 2009 data as of April 2010. Final 2009 data will be available November 2010.

Numerator and denominator for 2008 are updated with 2008 final data. The proportion of early prenatal care in Missouri has been consistently above the national level. Mirroring the national trend, the percentage in this indicator in Missouri had shown a small but noticeable decline for three consecutive years 2006-08. However, MO's 2009 provisional data showed a slight increase compared with the 2008 data. Hopefully this is the start of further improvement in this measure.

An annual increase of 0.2% is used to create objectives 2010-2014, based on the general increasing trend 1990-2009 and discussions with the Section of Healthy Families and Youth, MO DHSS.

FORM 11
TRACKING PERFORMANCE MEASURES
[SECS 485 (2)(2)(B)(ii) AND 486 (A)(2)(A)(ii)]
STATE: MO

Form Level Notes for Form 11

None

STATE PERFORMANCE MEASURE # 1 - REPORTING YEAR

Percentage of women aged 18-44 years who are current cigarette smokers

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	_____	_____	_____	24.4	24.6
Annual Indicator	_____	28.4	24.5	24.7	28.6
Numerator	_____	304,229	261,195	261,882	302,016
Denominator	_____	1,072,890	1,066,101	1,060,251	1,057,845
Data Source		MO Behavioral Risk Factor Surveillance System			
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	28.4	28.2	28	27.8	27.6
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
Numerator					
Denominator					

Field Level Notes

1. Section Number: Form11_State Performance Measure #1

Field Name: SM1

Row Name:

Column Name:

Year: 2011

Field Note:

Source: Missouri Behavioral Risk Factor Surveillance System (BRFSS).

The percentage of current smoking among women 18-44 years of age increased from 2010 (24.7%) to 2011 (28.6%).

There is no cause for alarm as this jump is primarily due to NEW Weighting methodology adopted this year.

In 2011, the BRFSS used raking as the only source of data weighting. Raking represents an enhancement over previous post stratification weighting procedures.

2. Section Number: Form11_State Performance Measure #1

Field Name: SM1

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Behavioral Risk Factor Surveillance System (BRFSS). The percentage of current smoking among women 18-44 years of age decreased from 2008 (28.4%) to 2009 (24.5%), and essentially unchanged in 2010 (24.7%).

A slight decrease of 0.1% per year since 2010 was chosen for objectives 2011-2015, with considerations of the trend data and discussions with the Section for Healthy Families and Youth, MO DHSS.

3. Section Number: Form11_State Performance Measure #1

Field Name: SM1

Row Name:

Column Name:

Year: 2009

Field Note:

The percentage of current smoking among women 18-44 years of age has been consistently higher in MO than in the US (24.5% vs. 18.4% in 2009). The percentage in MO decreased for four consecutive years from 31.6% in 2001 to 26.7% in 2005. Unlike the continuing declining trend in the nation since then, MO had seen a slight increase in this measure from 2005 to 2008 (28.4%). Although MO's 2009 percentage of 24.5% showed a noticeable decrease compared with the 2008 figure, it is too early to say if this is the one-year data fluctuation or indicates a further decline in this measure.

A slight decrease of 0.1% per year since 2010 was chosen for objectives 2010-2014, with considerations of the trend data and discussions with the Section of Healthy Families and Youth, MO DHSS.

STATE PERFORMANCE MEASURE # 2 - REPORTING YEAR

Percent of cigarette smoking among high school students

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	17.4	23.3	22.8	18.7	18.5
Annual Indicator	23.8	23.8	18.9	18.9	18.9
Numerator	68,127	67,789	53,275	52,767	52,767
Denominator	286,247	284,830	281,879	279,188	279,188
Data Source		Missouri Youth Risk Behavioral Survey			
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	18.3	18.1	17.9	17.7	17.5
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
Numerator					
Denominator					

Field Level Notes

- Section Number:** Form11_State Performance Measure #2

Field Name: SM2

Row Name:

Column Name:

Year: 2011

Field Note:

Source: YRBS is conducted biannually. MO did participate in YRBS, but do not achieve a high enough overall response rate to receive weighted results. Therefore, their results are not posted on the CDC web site and CDC does not distribute their data. Annual indicator is percentage from 2009 CDC's YRBS data used as a proxy for 2011.

- Section Number:** Form11_State Performance Measure #2

Field Name: SM2

Row Name:

Column Name:

Year: 2010

Field Note:

Source: YRBS is conducted biannually. Annual indicator is percentage from 2009 CDC's Youth Risk Behavioral Survey (YRBS) "Percentage of high school students who smoked cigarettes on one or more of the past 30 days. Denominator is estimate using number of fall enrollment grades 9-12 for school year 2009-2010 obtained from the MO Dept. of Elementary & Secondary Education. Numerator is based on percentage and denominator.

An annual decrease of 0.2% was chosen for objectives 2011-2015, based on trend data 1995-2009 and discussions with the Section for Healthy Families and Youth, MO DHSS.

- Section Number:** Form11_State Performance Measure #2

Field Name: SM2

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Annual indicator is percentage from 2009 CDC's Youth Risk Behavioral Survey "Percentage of high school students who smoked cigarettes on one or more of the past 30 days. Numerator is based on percentage. Denominator is estimate using number of fall enrollment grades 9-12 for school year 2008-2009 obtained from the MO Dept. of Elementary & Secondary Education.

An annual decrease of 0.2% was chosen for objectives 2010-2014, based on trend data 1995-2009 and discussions with the Section of Healthy Families and Youth, MO DHSS.

STATE PERFORMANCE MEASURE # 3 - REPORTING YEAR

Percentage of live births to women who are prepregnancy overweight or obese

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	_____	_____	_____	47.7	47.4
Annual Indicator	_____	47.2	47.9	47.5	47.9
Numerator	_____	35,897	35,368	35,738	34,515
Denominator	_____	76,010	73,910	75,247	72,034
Data Source		MO Birth Data	MO Birth Data	MO Birth Data	MO DHSS.Vital Statistics-Birth Data
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	47.4	47.3	47.2	47.1	47
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
Numerator					
Denominator					

Field Level Notes

- Section Number:** Form11_State Performance Measure #3

Field Name: SM3

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS Vital statistics-Births

Numerator and Denominator is provisional 2011 data as of March 2012. Final data will be available in early 2013.

Numerator and denominator for 2010 updated with 2010 final data.

Objectives 2012-2016 based on trend analysis and discussions with the Section for Healthy Families and Youth, MO, DHSS.

- Section Number:** Form11_State Performance Measure #3

Field Name: SM3

Row Name:

Column Name:

Year: 2010

Field Note:

Source: MO DHSS. Birth data, Missouri Vital statistics

MO started using the 2003 revision of birth certificate in 2010. Numerator and Denominator is provisional 2010 data as of March 2011. Final data will be available in early 2012.

Numerator and denominator for 2009 updated with 2009 final data.

The percentage of births to women with prepregnancy overweight or obesity had been around 47.5% in the past three years from 2008 to 2010 (provisional data). An annual decrease of 0.1% has been chosen for objectives 2011-2015, based on discussions with the Section for Healthy Families and Youth, MO DHSS.

- Section Number:** Form11_State Performance Measure #3

Field Name: SM3

Row Name:

Column Name:

Year: 2009

Field Note:

Source: MO DHSS. Birth data, Missouri Vital statistics

The percentage of births to women with prepregnancy overweight or obesity had gradually increased from 41% in 1999 to 47.8% in 2009 (provisional data). An annual decrease of 0.1% has been chosen for objectives 2010-2014, based on discussions with the Section of Healthy Families and Youth, MO DHSS.

STATE PERFORMANCE MEASURE # 4 - REPORTING YEAR

Percent of high school students who met currently recommended levels of physical activity.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	72.8	44.5	45.5	49.3	50.3
Annual Indicator	43.5	43.5	48.3	48.3	48.3
Numerator	124,517	123,901	136,144	134,848	134,848
Denominator	286,247	284,830	281,871	279,188	279,188
Data Source		Missouri Youth Risk Behavioral Survey			
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	50.3	50.3	51.3	52.3	53.3
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
Numerator					
Denominator					

Field Level Notes

1. Section Number: Form11_State Performance Measure #4

Field Name: SM4

Row Name:

Column Name:

Year: 2011

Field Note:

Source: YRBS conducted biannually. Annual indicator is percentage from CDC's Youth Risk Behavioral Survey 2009 data used as a proxy for 2011.

MO did participate in YRBS, but do not achieve a high enough overall response rate to receive weighted results. Therefore, their results are not posted on the CDC web site and CDC does not distribute their data.

2. Section Number: Form11_State Performance Measure #4

Field Name: SM4

Row Name:

Column Name:

Year: 2010

Field Note:

Source: YRBS conducted biannually. Annual indicator is percentage from CDC's Youth Risk Behavioral Survey 2009.

A response of 5 or more days to the survey item "During the past 7 days, on how many days were you physically active for a total of at least 60 minutes per day?" (Add up all the time you spend on any kind of physical activity that increases your heart rate and makes you breathe hard part of the time). Denominator is the number of enrollment of grades 9-12 during the 2009-2010 school year, obtained from the MO Department of Elementary and Secondary Education.

An annual increase of 1% was chosen for objectives 2011-2015, based on data 2005-2009 and discussions with the Section for Healthy Families and Youth, MO DHSS.

3. Section Number: Form11_State Performance Measure #4

Field Name: SM4

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Youth Risk Behavioral Survey (YRBS) 2009

A response of 5 or more days to the survey item "During the past 7 days, on how many days were you physically active for a total of at least 60 minutes per day?" (Add up all the time you spend on any kind of physical activity that increases your heart rate and makes you breathe hard part of the time). Denominator is the number of enrollment of grades 9-12 during the 2008-2009 school year, obtained from the MO Department of Elementary and Secondary Education.

An annual increase of 1% was chosen for objectives 2010-2014, based on data 2005-2009 and discussions with the Section of Healthy Families and Youth, MO DHSS.

STATE PERFORMANCE MEASURE # 5 - REPORTING YEAR

Birth rate (per 1,000) among teenage girls aged 15-19 years

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	_____	_____	_____	42.1	37
Annual Indicator	_____	45.4	41.6	37.0	33.1
Numerator	_____	9,154	8,496	7,663	6,845
Denominator	_____	201,433	204,220	206,847	206,847
Data Source		MO DHSS. Vital Statistics			
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	32.9	32.6	32.3	32	31.7
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
Numerator					
Denominator					

Field Level Notes

1. Section Number: Form11_State Performance Measure #5

Field Name: SM5

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS Vital Statistics-Birth data, U.S. Census Bureau, 2010 Population estimates. Numerator is provisional 2011 birth number to women age 15-19 years as of March 2012. Final data will be available early 2013. Denominator is 2010 population number being used as proxy for 2011. Numerator and denominator for 2010 are updated with 2010 final birth number and 2010 population respectively.

The birth rate among girls 15-19 years of age in MO decreased from 37.0% in 2010 to 33.1 per 1,000 in 2011 (provisional), which decreased for three consecutive years 2009-2011. An annual decrease of 0.3 per 1,000 is anticipated for objectives 2012-2016, based on trend analysis and discussions with the Bureau of Health Promotion and Section For Healthy Families and Youth.

2. Section Number: Form11_State Performance Measure #5

Field Name: SM5

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Births, DHSS Vital Statistics, MICA-Population. MO started using the 2003 revision of birth certificate in 2010. Numerator is provisional 2010 birth number to women age 15-19 years as of March 2011. Final data will be available in early 2012. Denominator is 2009 population number being used as proxy for 2010. Final population data will be available in November 2011.

Numerator and denominator for 2009 are updated with 2009 final birth number and 2009 population estimate respectively.

The birth rate among girls 10-14 years of age in MO also slightly decreased from 0.5 per 1,000 in 2008 to 0.4 per 1,000 in 2010 (provisional).

The birth rate among girls 15-19 years of age in MO decreased from 41.6% in 2009 to 37.3 per 1,000 in 2010 (provisional), which decreased for three consecutive years 2008-2010. 2011-2015 objectives based on trend analysis and discussions with the Section For Healthy Families and Youth.

3. Section Number: Form11_State Performance Measure #5

Field Name: SM5

Row Name:

Column Name:

Year: 2009

Field Note:

The birth rate among girls 15-19 years of age in MO was 42.1 per 1,000 in 2009 (provisional), which decreased by 7.3% compared with the rate in 2008 (45.4 per 1,000).

The Adolescent Health Program, MO DHSS is in the process of applying for several federal funded teen pregnancy prevention grants. Other organizations across the state are also planning for applying grants that support evidence-based teen pregnancy prevention initiatives and strategies to reach teens. Considering these efforts, MO expects to see a gradual decrease in teen birth rate in the next few years especially since the implementation of the potential programs in 2011.

STATE PERFORMANCE MEASURE # 6 - REPORTING YEAR

Percentage of women aged 18-44 years who visited a dentist or a dental clinic for any reason within the past year

	Annual Objective and Performance Data				
	2007	2008	2009	2010	2011
Annual Performance Objective				64.4	65.1
Annual Indicator		64.2	64.2	65.1	65.1
Numerator		681,467	681,467	690,223	690,223
Denominator		1,061,625	1,061,625	1,060,251	1,060,251
Data Source		MO Behavioral Risk Factor Surveillance System			
Is the Data Provisional or Final?				Final	Final

	Annual Objective and Performance Data				
	2012	2013	2014	2015	2016
Annual Performance Objective	65.2	65.2	65.3	65.3	65.4
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
Numerator					
Denominator					

Field Level Notes

1. Section Number: Form11_State Performance Measure #6

Field Name: SM6

Row Name:

Column Name:

Year: 2011

Field Note:

Source: Missouri Behavioral Risk Factor Surveillance System (BRFSS).

Data is not collected in odd years. 2010 BRFSS data used as a proxy for 2011.

An annual decrease of 0.1% every two years was chosen for objectives 2012-2016, based on trend analysis and discussions with the Section for Healthy Families and Youth.

2. Section Number: Form11_State Performance Measure #6

Field Name: SM6

Row Name:

Column Name:

Year: 2010

Field Note:

Source: BRFSS 2010

MO had seen a slight increase in the percentage of access to dental care among women 18-44 years of age from 64.2% in 2008 to 65.1% in 2010.

Since 2005, MO Medicaid has limited dental services to adults. The only exception population is pregnant women who can receive preventive services through Medicaid. Increasing capacity of FQHC/Community Health Center dental services has been a priority in Missouri since 2008, and a slight increase in dental encounters is anticipated.

3. Section Number: Form11_State Performance Measure #6

Field Name: SM6

Row Name:

Column Name:

Year: 2009

Field Note:

Source: BRFSS

Mirroring the national trend, MO had seen a decline in the percentage of access to dental care in the past year among women 18-44 years of age from 70.7% in 2004 to 64.2% in 2008 (the most recent data).

Since 2005, MO Medicaid has limited dental services to adults. The only exception population is pregnant women who can receive preventive services through Medicaid. Increasing capacity of FQHC/Community Health Center dental services has been a priority in Missouri since 2008, and a slight increase in dental encounters is anticipated to start from 2010.

STATE PERFORMANCE MEASURE # 7 - REPORTING YEAR

Percentage of women with a recent live birth who reported taking a multivitamin or a prenatal vitamin four or more times per week in the month prior to pregnancy

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	_____	_____	_____	_____	36.3
Annual Indicator	_____	32.4	35.9	35.4	35.4
Numerator	_____	24,917	26,859	25,566	25,596
Denominator	_____	76,992	74,846	72,208	72,208
Data Source		MO Pregnancy Risk Assessment Monitoring System			
Is the Data Provisional or Final?				Final	Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	36.1	36.3	36.5	36.7	36.9
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
Numerator					
Denominator					

Field Level Notes

1. Section Number: Form11_State Performance Measure #7

Field Name: SM7

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO PRAMS Survey.

The 2011 estimated percentage of women with a recent live birth who reported taking a multivitamin or a prenatal vitamin four or more times per week in the month prior to pregnancy is not available yet. The 2010 data based on the 2010 Missouri PRAMS survey response is used as proxy for 2011. 2011 PRAMS data will be available January 2013. Numerator and Denominator based on weighted PRAMS data.

A gradual increase the percentage of taking a multivitamin prior to pregnancy was set up for objectives 2012-2016, based on discussions with the Section for Healthy Families and Youth, MO DHSS.

2. Section Number: Form11_State Performance Measure #7

Field Name: SM7

Row Name:

Column Name:

Year: 2010

Field Note:

The 2010 estimated percentage of women with a recent live birth who reported taking a multivitamin or a prenatal vitamin four or more times per week in the month prior to pregnancy is not available yet. The 2009 data based on the 2009 Missouri PRAMS survey response is used as proxy for 2010. 2010 PRAMS data will be available January 2012. Numerator and Denominator based on weighted PRAMS data.

A gradual increase the percentage of taking a multivitamin prior to pregnancy was set up for objectives 2011-2015, based on discussions with the Section for Healthy Families and Youth, MO DHSS.

3. Section Number: Form11_State Performance Measure #7

Field Name: SM7

Row Name:

Column Name:

Year: 2009

Field Note:

Source: 2009 PRAMS survey.

STATE PERFORMANCE MEASURE # 8 - REPORTING YEAR

Percentage of women with a recent live birth who reported frequent postpartum depressive symptoms

		<u>Annual Objective and Performance Data</u>				
		2007	2008	2009	2010	2011
Annual Performance Objective	_____					16.1
Annual Indicator	_____		12.2	16.5	13.8	13.8
Numerator	_____		9,279	12,266	9,820	9,820
Denominator	_____		75,749	74,186	71,181	71,181
Data Source			MO Pregnancy Risk Assessment Monitoring System			
Is the Data Provisional or Final?					Final	Provisional

		<u>Annual Objective and Performance Data</u>				
		2012	2013	2014	2015	2016
Annual Performance Objective	_____ 13.7	13.7		13.6	13.6	13.5
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.					
Numerator						
Denominator						

Field Level Notes

1. Section Number: Form11_State Performance Measure #8

Field Name: SM8

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO PRAMS Survey.

The 2011 estimated percentage of women with a recent live birth who reported frequent postpartum depressive symptoms is not available yet. The 2010 data based on the 2010 Missouri PRAMS survey response is used as proxy for 2011. 2011 PRAMS data will be available January 2013. Numerator and Denominator based on weighted PRAMS data.

A gradual decrease of the percentage of postpartum depression was set up for objectives 2012-2016, based on discussions with the Section for Healthy Families and Youth, MO DHSS.

2. Section Number: Form11_State Performance Measure #8

Field Name: SM8

Row Name:

Column Name:

Year: 2010

Field Note:

The 2010 estimated percentage of women with a recent live birth who reported frequent postpartum depressive symptoms is not available yet. The 2009 data based on the 2009 Missouri PRAMS survey response is used as proxy for 2010. 2010 PRAMS data will be available January 2012. Numerator and Denominator based on weighted PRAMS data.

A gradual decrease of the percentage of postpartum depression was set up for objectives 2011-2015, based on discussions with the Section For Healthy Families and Youth, MO DHSS

3. Section Number: Form11_State Performance Measure #8

Field Name: SM8

Row Name:

Column Name:

Year: 2009

Field Note:

Source: 2009 PRAMS survey.

STATE PERFORMANCE MEASURE # 9 - REPORTING YEAR

Percent of infants with permanent hearing loss and enrolled in appropriate early intervention services that are enrolled in those services by 6 months of age.

	Annual Objective and Performance Data				
	2007	2008	2009	2010	2011
Annual Performance Objective				72	78
Annual Indicator		69.6	62.0	50.0	70.8
Numerator		32	44	41	80
Denominator		46	71	82	113
Data Source		Missouri Newborn Hearing Screening Program			
Is the Data Provisional or Final?				Final	Provisional

	Annual Objective and Performance Data				
	2012	2013	2014	2015	2016
Annual Performance Objective	72	72	72	73	73
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
Numerator					
Denominator					

Field Level Notes

1. Section Number: Form11_State Performance Measure #9

Field Name: SM9

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS. Missouri Newborn Hearing Screening Program.

The percentage of Missouri infants with permanent hearing loss and enrolled in intervention services that were enrolled by 6 months of age significantly increased from 50.0% in 2010 to 70.8 % in 2011 provisional. Final 2011 data will be available in January 2013. The 2011 number represents babies born in 2010. A slight increase of 1% for every three years is anticipated for 2012-2016, based on discussions with the Section for Healthy Families and Youth, MO DHSS.

2. Section Number: Form11_State Performance Measure #9

Field Name: SM9

Row Name:

Column Name:

Year: 2010

Field Note:

Source: MO DHSS. Missouri Newborn Hearing Screening Program.

The percentage of Missouri infants with permanent hearing loss and enrolled in intervention services that were enrolled by 6 months of age significantly increased from 62.0% in 2009 to 78.0 % in 2010 provisional. Final 2010 data will be available in January 2012. The 2010 number represents babies born in 2009. A slight increase of 1% for every two years is anticipated for 2011-2015, based on discussions with the Section for Healthy Families and Youth, MO DHSS.

3. Section Number: Form11_State Performance Measure #9

Field Name: SM9

Row Name:

Column Name:

Year: 2009

Field Note:

Source: MO DHSS. Missouri Newborn Hearing Screening Program.

The percentage of Missouri infants with permanent hearing loss and enrolled in intervention services that were enrolled by 6 months of age significantly increased from 37.5% in 2005 to 65.7% in 2007, and continued to increase to 69.6% in 2008 (the most recent data). An annual increase of about 1% since 2009 has been chosen to set up objectives 2010-2014, with considerations of trend data 2005-2008 and discussions with the Section of Healthy Families and Youth, MO DHSS.

STATE PERFORMANCE MEASURE # 10 - REPORTING YEAR

Percent of children ages 0-19 years old who received health care at a FQHC/CHC.

	Annual Objective and Performance Data				
	2007	2008	2009	2010	2011
Annual Performance Objective	7.5	8.2	8.8	9.6	10.6
Annual Indicator	7.8	8.4	9.1	9.4	10.0
Numerator	123,458	133,248	145,573	151,032	160,436
Denominator	1,583,410	1,582,696	1,600,883	1,601,411	1,601,411
Data Source		Missouri Primary Care Association			
Is the Data Provisional or Final?				Final	Final

	Annual Objective and Performance Data				
	2012	2013	2014	2015	2016
Annual Performance Objective	11.6	12.6	13.6	14.6	15.6
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
Numerator					
Denominator					

Field Level Notes

- Section Number:** Form11_State Performance Measure #10

Field Name: SM10

Row Name:

Column Name:

Year: 2011

Field Note:

Source: Missouri Primary Care Association(MPCA).

Numerator 2011 data from Missouri Primary Care Association. Denominator 2010 population estimates 0-19 from U.S. Census Bureau, used as a proxy for 2011. 2011 population estimates will be available in November 2012.

An annual increase of 1% was chosen for objectives 2012-2016 based on trend analysis and discussions with the Section for Healthy Families and Youth.

- Section Number:** Form11_State Performance Measure #10

Field Name: SM10

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Primary Care Association(MPCA).

2009 final data used as a proxy for 2010. 2010 data will be updated in summer of 2012. Denominator is 2009 population estimate 0-19 from DHSS Missouri Information for Community Assessment (MICA), as proxy for 2010. 2010 population estimate will be available in November 2011.

Considering federal health care initiatives to increase capacity of FQHC/CHC, an annual increase of 1% in the percentage of children receiving care through FQHC/CHC is anticipated.

- Section Number:** Form11_State Performance Measure #10

Field Name: SM10

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Numerator is 2009 data from Missouri Primary Care Association. Denominator is 2008 population estimate 0-19 from DHSS Missouri Information for Community Assessment (MICA), as proxy for 2009. 2009 population estimate will be available in November 2010.

Due to federal health care initiatives to increase capacity of FQHC/CHC, an annual increase of 1% in the percentage of children receiving care through FQHC/CHC is anticipated to start from 2011.

FORM 12
TRACKING HEALTH OUTCOME MEASURES
[SECS 505 (a)(2)(B)(ii) AND 506 (a)(2)(A)(ii)]
STATE: MO

Form Level Notes for Form 12

None

OUTCOME MEASURE # 01

The infant mortality rate per 1,000 live births.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	7.7	7.5	7	6.9	6.7
Annual Indicator	7.5	7.2	7.2	6.5	6.2
Numerator	613	583	564	496	452
Denominator	81,883	80,944	78,849	76,718	73,397
Data Source		DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics
<p>Check this box if you cannot report the numerator because</p> <p>1. There are fewer than 5 events over the last year, and</p> <p>2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. <i>(Explain data in a year note. See Guidance, Appendix IX.)</i></p>					
Is the Data Provisional or Final?				Provisional	Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	6.1	6.1	6	6	6
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

Field Level Notes

1. **Section Number:** Form12_Outcome Measure 1

Field Name: OM01

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS Vital Statistics-Deaths,Births. Numerator and denominator are provisional 2011: Infant deaths and live births as of March, 2012. Final data will be available in early, 2013.

The infant mortality rate (per 1,000) in Missouri decreased from 6.5 in 2010 to 6.2 in 2011 (provisional). A slight decrease of 0.1 per 1,000 every two years is anticipated for 2012-2016, based on general decreasing trend in data 2005-2011, and discussions with the Office of Epidemiology, the Bureau of Vital Statistics, and the Section for Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form12_Outcome Measure 1

Field Name: OM01

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Deaths, DHSS Vital Statistics.

MO started using the 2003 revision of Death and Birth certificate in 2010. Numerator and denominator are provisional 2010: infant deaths and live births as of March, 2011. Final data will be available in early, 2012.

Numerator and denominator for 2009 are updated with 2009 final data.

The infant mortality rate (per 1,000) in Missouri decreased from 7.2 in 2009 to 6.7 in 2010 (provisional). A slight decrease of 0.1 per 1,000 every three years is anticipated for 2011-2015, based on the general decreasing trend in data 1999-2010, and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section for Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form12_Outcome Measure 1

Field Name: OM01

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Deaths, DHSS Vital Statistics.

Numerator and denominator are provisional 2009: infant deaths and live births as April, 2010. Final data will be available October, 2010.

Numerator and denominator for 2008 are updated with 2008 final data.

The infant mortality rate in Missouri in 2009 (provisional) slightly decreased compared with that in 2008, though the decrease was not statistically significant. A gradual decrease is expected for the next five years, based on the general decreasing trend in data 1999-2009, and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

OUTCOME MEASURE # 02

The ratio of the black infant mortality rate to the white infant mortality rate.

	Annual Objective and Performance Data				
	2007	2008	2009	2010	2011
Annual Performance Objective	2.5	2.5	2.4	2.3	2.1
Annual Indicator	2.8	2.5	2.3	2.1	2.7
Numerator	16.3	15	13.8	11.8	13
Denominator	5.9	5.9	6.1	5.5	4.9
Data Source		DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
 (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Provisional Provisional

	Annual Objective and Performance Data				
	2012	2013	2014	2015	2016
Annual Performance Objective	2.5	2.3	2.3	2.2	2.1
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

Field Level Notes

1. **Section Number:** Form12_Outcome Measure 2

Field Name: OM02

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS Vital Statistics-Deaths, Births. Numerator and denominator are provisional 2011 data as of March, 2012. Final data will be available in early, 2013.

A slight decrease is anticipated for 2012-2016 objectives, based on the trends data 2005-2011, and discussions with the Office of Epidemiology, the Bureau of Vital Statistics, and the Section for Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form12_Outcome Measure 2

Field Name: OM02

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Information for Community Assessment (MICA) - Deaths, MICA - Births, DHSS Vital Statistics. MO started using the 2003 revision of Death and Birth certificate in 2010. 2010 provisional data as of March, 2011. 2010 final data will be available in early, 2012.

Numerator and denominator for 2009 are updated with 2009 final data.

The black/white infant mortality rate (IMR) ratio of 2.1 in 2010 (provisional) further decreased, compared with 2.3 in 2009. Compared with 2009 IMR, 2010 provisional IMR decreased among both African-Americans and whites. A slight decrease of 0.1 of the ratio for every three years is anticipated for 2011-2015, with considerations of trend analysis on data 1990-2010 and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section for Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form12_Outcome Measure 2

Field Name: OM02

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Information for Community Assessment (MICA) - Deaths, MICA - Births, DHSS Vital Statistics. 2009 provisional data as of April, 2010. 2009 final data will be available in October, 2010.

Numerator and denominator for 2008 are updated with 2008 final data.

The black/white infant mortality rate (IMR) ratio of 2.3 in 2009 (provisional) further decreased, compared with 2008 figure of 2.5. The decrease of the ratio in 2009 was due to the decrease of IMR in whites. A slight decrease of 0.1 of the ratio for every two years is anticipated for 2010-2014, with considerations of trend analysis on data 1990-2009 and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

OUTCOME MEASURE # 03

The neonatal mortality rate per 1,000 live births.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	4.4	5	4.4	4.4	4.2
Annual Indicator	5.0	4.4	4.5	4.1	3.9
Numerator	409	357	356	313	288
Denominator	81,883	80,944	78,849	76,718	73,397
Data Source		DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
 (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Provisional Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	3.8	3.8	3.7	3.7	3.6
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

Field Level Notes

1. Section Number: Form12_Outcome Measure 3

Field Name: OM03

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS Vital Statistics-Deaths, Births. Numerator and denominator are provisional 2011 data as of March, 2012. Final data will be available in early, 2013.

A slight decrease of 0.1 per 1,000 every two years is anticipated for 2012-2016, based on the general decreasing trends data 2007-2011, and discussions with the Office of Epidemiology, the Bureau of Vital Statistics, and the Section for Healthy Families and Youth, MO DHSS.

2. Section Number: Form12_Outcome Measure 3

Field Name: OM03

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Deaths, MICA-Births, DHSS Vital Statistics. 2010 provisional data as of March, 2011. 2010 final data will be available in early 2012.

MO started using the 2003 revision of Death and Birth certificate in 2010.

Numerator and denominator for 2009 are updated with 2009 final data.

The neonatal death rate of 4.2 per 1,000 in Missouri in 2010 (provisional) showed a slight decrease compared with the rate of 4.5 per 1,000 in 2009. A slight decrease is expected for the next five years 2011-2015, based on the general decreasing trend in data 1999-2010, and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section for Healthy Families and Youth, MO DHSS.

3. Section Number: Form12_Outcome Measure 3

Field Name: OM03

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Deaths, MICA-Births, DHSS Vital Statistics. 2009 provisional data as of April, 2010. 2009 final data will be available in October, 2010.

Numerator and denominator for 2008 are updated with 2008 final data.

The neonatal death rate of 4.5 per 1,000 in Missouri in 2009 (provisional) showed a slight increase compared with the rate of 4.4 per 1,000 in 2008. A gradual decrease is expected for the next five years 2010-2014, based on the general decreasing trend in data 1999-2009, and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

OUTCOME MEASURE # 04

The postneonatal mortality rate per 1,000 live births.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	2.6	2.5	2.6	2.5	2.5
Annual Indicator	2.5	2.8	2.6	2.4	2.2
Numerator	204	226	208	183	164
Denominator	81,883	80,944	78,849	76,718	73,397
Data Source		DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics

Check this box if you cannot report the numerator because

- 1. There are fewer than 5 events over the last year, and
- 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. *(Explain data in a year note. See Guidance, Appendix IX.)*

Is the Data Provisional or Final?

Provisional Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	2.1	2.1	2	2	1.9
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

Field Level Notes

1. **Section Number:** Form12_Outcome Measure 4

Field Name: OM04

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS Vital Statistics-Deaths, Births. Numerator and denominator are provisional 2011 data as of March, 2012. Final data will be available in early, 2013.

A slight decrease of 0.1 per 1,000 every two years is anticipated for 2012-2016, based on the general decreasing trends data 2007-2011, and discussions with the Office of Epidemiology, the Bureau of Vital Statistics, and the Section for Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form12_Outcome Measure 4

Field Name: OM04

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Deaths, MICA-Births, DHSS Vital Statistics. MO started using the 2003 revision of death and Birth certificate in 2010.

2010 provisional data as of March, 2011. 2010 final data will be available in early 2012. Numerator and denominator for 2009 are updated with 2009 final data.

The postneonatal death rate of 2.5 per 1,000 in 2010 (provisional)

slightly decreased compared with the rate of 2.6 per 1,000 in 2009.

A slight decrease is expected for the next five years, based on the overall trend data 1998-2010 and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section for Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form12_Outcome Measure 4

Field Name: OM04

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Deaths, MICA-Births, DHSS Vital Statistics. 2009 provisional data as of April, 2010. 2009 final data will be available in October, 2010.

Numerator and denominator for 2008 are updated with 2008 final data.

The postneonatal death rate of 2.6 per 1,000 in Missouri in 2009 (provisional) slightly decreased compared with the rate of 2.8 per 1,000 in 2008. A slight decrease is expected for the next five years, based on the overall trend data 1998-2009, and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

OUTCOME MEASURE # 05

The perinatal mortality rate per 1,000 live births plus fetal deaths.

	<u>Annual Objective and Performance Data</u>				
	2007	2008	2009	2010	2011
Annual Performance Objective	9.7	9.9	9.5	6.3	5.9
Annual Indicator	10.1	9.4	6.4	6.1	5.4
Numerator	833	768	508	466	394
Denominator	82,385	81,422	79,065	76,931	73,539
Data Source		DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics

Check this box if you cannot report the numerator because
 1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5
 and therefore a 3-year moving average cannot be applied.
 (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final? _____

Provisional Provisional

	<u>Annual Objective and Performance Data</u>				
	2012	2013	2014	2015	2016
Annual Performance Objective	5.2	5.2	5	5	4.8
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

Field Level Notes

1. Section Number: Form12_Outcome Measure 5

Field Name: OM05

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO DHSS Vital Statistics-Deaths, Births. Numerator and denominator are provisional 2011 data as of March, 2012. Final data will be available in early, 2013. Numerator is the number of fetal deaths >=28 weeks of gestation and early neonatal deaths under 7 days. Denominator is the number of live births plus the fetal deaths.

The perinatal death rate in Missouri slightly decreased from 6.1 per 1,000 in 2010 to 5.4 per 1,000 in 2011 (provisional). A slight decrease of 0.2 per 1,000 every two years is expected for the objectives 2012-2016, based on overall trend data 2007-2011 and discussions with the Office of Epidemiology, the Bureau of Vital Statistics, and the Section for Healthy Families and Youth, MO DHSS.

2. Section Number: Form12_Outcome Measure 5

Field Name: OM05

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Deaths, MICA-Births, DHSS Vital Statistics. MO started using the 2003 revision of Death and Birth certificates in 2010. Provisional 2010 data as of March 2011. Final data will be available in early 2012.

The definition of perinatal mortality is changed to Definition I recommended by the National Center for Health Statistics. Numerator is the number of fetal deaths >=28 weeks of gestation and early neonatal deaths under 7 days. Denominator is the number of live births plus the fetal deaths.

2009 numbers have been updated with 2009 final data by using Definition I.

The perinatal death rate in Missouri slightly decreased from 6.4 per 1,000 in 2009 to 6.0 per 1,000 in 2010 (provisional). A slight decrease of 0.1 per 1,000 is expected for the next five years, based on the overall trend data 1998-2010 and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section for Healthy Families and Youth, MO DHSS.

3. Section Number: Form12_Outcome Measure 5

Field Name: OM05

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Information for Community Assessment (MICA)-Deaths, MICA-Births, MICA-Pregnancies, DHSS Vital Statistics. Provisional 2009 data as of May 2009. Final data will be available October 2010.

Numerator is the number of fetal deaths (>=20 weeks of gestation or birth weight >=350 grams if gestational age is unknown) plus the number of infant deaths under 7 days. Denominator is the number of live births plus the fetal deaths.

Starting from next year - 2010 Report, the definition of perinatal mortality will be changed to Definition I recommended by the National Center for Health Statistics. Definition I is preferred for international and state-to-state comparisons due to differences among countries/states in completeness of reporting of fetal deaths of 20-27 weeks gestation.

For Definition I, perinatal deaths include fetal deaths >=28 weeks of gestation and early neonatal deaths under 7 days. By using Definition I, the perinatal death rate in Missouri slightly decreased from 6.5 per 1,000 in 2008 to 6.3 per 1,000 in 2009 (provisional). Objectives 2010-2014 were set up based on an overall decreasing trend in perinatal death rate from 1999 to 2009 by using Definition I.

OUTCOME MEASURE # 06

The child death rate per 100,000 children aged 1 through 14.

	Annual Objective and Performance Data				
	2007	2008	2009	2010	2011
Annual Performance Objective	22.5	21.6	19.5	20.1	16.3
Annual Indicator	22.5	19.6	20.4	16.4	19.5
Numerator	245	213	225	180	215
Denominator	1,087,345	1,089,092	1,103,693	1,100,907	1,100,907
Data Source		DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics	DHSS Vital Statistics

Check this box if you cannot report the numerator because
 1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5
 and therefore a 3-year moving average cannot be applied.
 (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final? _____

Provisional Provisional

	Annual Objective and Performance Data				
	2012	2013	2014	2015	2016
Annual Performance Objective	19	19	18.5	18.5	18
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

Field Level Notes

- Section Number:** Form12_Outcome Measure 6
Field Name: OM06
Row Name:
Column Name:
Year: 2011
Field Note:
 Source: MO DHSS Vital Statistics-Deaths. 2010 and 2011 are provisional death data as of March 2012. Final 2011 death data will be available in early 2013. U.S. Census Bureau, 2010 final Population estimates used as a proxy for 2011 denominator.

Objectives 2012-2016, based on a combination of trend analysis on data 2007-2011, and discussions with the Bureau of Health Promotion and Section for Healthy Families and Youth, MO DHSS.
- Section Number:** Form12_Outcome Measure 6
Field Name: OM06
Row Name:
Column Name:
Year: 2010
Field Note:
 Source: Missouri Information for Community Assessment (MICA)-Deaths & MICA-Population, DHSS Vital Statistics. MO started using the 2003 revision of Death certificate in 2010. Numerator is based on 2010 provisional death file as of March 2011. 2010 final death data will be available in early 2012. Numerator and denominator for 2009 are updated with 2009 final data. Objectives 2011-2015 were set up, based on a combination of trend analysis on data 1999-2010, and discussions with the Bureau of Health Informatics Section for Families and Youth, MO DHSS.
- Section Number:** Form12_Outcome Measure 6
Field Name: OM06
Row Name:
Column Name:
Year: 2009
Field Note:
 Source: Missouri Information for Community Assessment (MICA)-Deaths & MICA-Population, DHSS Vital Statistics. Numerator is based on 2009 provisional death file as of April 2010. 2009 final death data will be available October, 2010. Denominator is 2008 population estimate of children 1-14 years of age, The 2009 population estimate will be available November 2010.

Numerator and denominator for 2008 are updated with 2008 final data. Objectives 2010-2014 were set up, based on a combination of trend analysis on data 1999-2009, and discussions with the Section of Families and Youth, MO DHSS.

FORM 12
TRACKING HEALTH OUTCOME MEASURES
[SECS 505 (a)(2)(B)(ii) AND 506 (a)(2)(A)(ii)]
STATE: MO

Form Level Notes for Form 12

None

FORM 13
CHARACTERISTICS DOCUMENTING FAMILY PARTICIPATION IN CSHCN PROGRAMS
STATE: MO

1. Family members participate on advisory committee or task forces and are offering training, mentoring, and reimbursement, when appropriate.

_____ 3

2. Financial support (financial grants, technical assistance, travel, and child care) is offered for parent activities or parent groups.

_____ 3

3. Family members are involved in the Children with Special Health Care Needs elements of the MCH Block Grant Application process.

_____ 3

4. Family members are involved in service training of CSHCN staff and providers.

_____ 2

5. Family members hired as paid staff or consultants to the State CSHCN program (a family member is hired for his or her expertise as a family member).

_____ 3

6. Family members of diverse cultures are involved in all of the above activities.

_____ 2

Total Score: _____ 16

Rating Key

0 = Not Met

1 = Partially Met

2 = Mostly Met

3 = Completely Met

FORM NOTES FOR FORM 13

None

FIELD LEVEL NOTES

None

FORM 14
LIST OF MCH PRIORITY NEEDS

[Sec. 505(a)(5)]

STATE MO FY: 2013

Your State's 5-year Needs Assessment should identify the need for preventive and primary care services for pregnant women, mothers, and infants; preventive and primary care services for children and services for Children with Special Health Care Needs. With each year's Block Grant application, provide a list (whether or not the priority needs change) of the top maternal and child health needs in your state. Using simple sentence or phrase, list below your State's needs. Examples of such statements are: "To reduce the barriers to the delivery of care for pregnant women, " and "The infant mortality rate for minorities should be reduced."

MCHB will capture annually every State's top 7 to 10 priority needs in an information system for comparison, tracking, and reporting purposes; you must list at least 7 and no more than 10. Note that the numbers listed below are for computer tracking only and are not meant to indicate priority order. If your State wishes to report more than 10 priority needs, list additional priority needs in a note at the form level.

1. Improve Health Care Access for MCH populations
2. Prevent and Reduce Smoking Among Women and Adolescents
3. Reduce Obesity Among Women, Children and Adolescents
4. Improve the Mental Health Status of MCH Populations
5. Enhance Access to Oral Health Care Services for MCH populations
6. Improve Preconception Health among Women of Childbearing Age
7. Reduce the Rate of Teen Pregnancies and Births
8. Reduce Disparities in Adverse Birth and Pregnancy Outcomes
9. Reduce Intentional and Unintentional Injuries Among Women, Children, and Adolescents
10. Support Adequate Early Childhood Development and Education

FORM NOTES FOR FORM 14

None

FIELD LEVEL NOTES

None

FORM 15
TECHNICAL ASSISTANCE(TA) REQUEST

STATE: MO

APPLICATION YEAR: 2013

No.	Category of Technical Assistance Requested	Description of Technical Assistance Requested <i>(max 250 characters)</i>	Reason(s) Why Assistance Is Needed <i>(max 250 characters)</i>	What State, Organization or Individual Would You suggest Provide the TA (if known) <i>(max 250 characters)</i>
1.	General Systems Capacity Issues If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u> N/A </u>	Implementation of the "Lifecourse" Perspective	Research supports this philosophy as a means to improve health outcomes for pregnant women and children.	Unknown
2.	National Performance Measure Issues If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u> 3 </u>	Expansion of Medical Home	Improves health outcomes for all recipients and should be a benefit for all pregnant women and children.	Unknown
3.	Other If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u> N/A </u>	Healthy Birth Outcomes/Infant Mortality	Identify challenges in programs, agencies and/or policies to allow for corrective action and address Missouri 2015 Priority Needs of reducing: disparities in birth and pregnancy outcomes and intentional/unintentional injuries among infants.	Unknown
4.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			
5.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			
6.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			
7.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			
8.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			
9.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			
10.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			
11.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			
12.	If you selected State or National Performance Measure Issue categories above, identify the performance measure			

to which this issue pertains by entering
the measure number here: _____

FORM NOTES FOR FORM 15

None

FIELD LEVEL NOTES

None

FORM 16
STATE PERFORMANCE AND OUTCOME MEASURE DETAIL SHEET
STATE: MO

SP() # _____ 1

PERFORMANCE MEASURE:

Percentage of women aged 18-44 years who are current cigarette smokers

STATUS:

Active

GOAL:

To reduce cigarette smoking among women of childbearing age.

DEFINITION:

Percentage of women aged 18-44 years who are current cigarette smokers.

Numerator:

Weighted number of women aged 18-44 years who reported having smoked =100 cigarettes during their lifetime and currently smoked every day or some days

Denominator:

Weighted number of women population aged 18-44 years. Denominator includes all respondents except those with missing, don't know, and refused answers

Units: 100 **Text:** Percent

HEALTHY PEOPLE 2020 OBJECTIVE

Related to Obj. TU-1: Reduce cigarette smoking among adults aged 18 years and older to 12 percent
Baseline: 20.6 percent of adults aged 18 years and older were current cigarette smokers in 2008 (age adjusted to the year 2000 standard population).

DATA SOURCES AND DATA ISSUES

Missouri Behavioral Risk Factor Surveillance System (BRFSS).

SIGNIFICANCE

Maternal smoking is associated with a number of adverse perinatal outcomes. Health promotion before pregnancy and throughout a woman's lifespan is essential to achieve further improvement in maternal and child health outcomes. Only 20% of women successfully control tobacco dependence during pregnancy. Cessation of smoking before pregnancy is one of the preconception interventions that have proven to be effective in improving pregnancy outcomes. Cigarette smoking among women of childbearing age can be used to assess progress towards improving preconception health as well as women's health.

SP() # 2

PERFORMANCE MEASURE:

Percent of cigarette smoking among high school students.

STATUS:

Active

GOAL

To prevent and reduce tobacco use among adolescents in grades 9 through 12.

DEFINITION

Current cigarette smoking is defined as smoking cigarettes on one (1) or more of the thirty days preceding the Youth Behavioral Survey (YRBS).

Numerator:

Number of adolescents in grades 9 through 12 who reported smoking one or more of the thirty days preceding the survey.

Denominator:

Number of high school students.

Units: 100 **Text:** Percent

HEALTHY PEOPLE 2020 OBJECTIVE

Related to Obj. TU-2.2: Reduce cigarette use by adolescents to 16%.

Baseline: 19.5 percent of adolescents in grades 9 through 12 smoked cigarettes in the past 30 days in 2009.

DATA SOURCES AND DATA ISSUES

Sources: Youth Risk Behavioral Surveillance Survey conducted every two years; Missouri Department of Elementary and Secondary Education. There are at least two limitations: 1. The data only apply to adolescents who attend high school and does not cover adolescents not enrolled in a high school program; and 2. the extent of under reporting or over reporting in YRBS cannot be determined, although the survey questions demonstrate good test-retest reliability.

SIGNIFICANCE

The prevalence of cigarette smoking among adults in Missouri has been consistently higher than that in the nation (24.9% vs. 18.3% in 2008), the fourth highest among all states. Most adult smokers start smoking when they are teenagers. Tobacco use in adolescence is associated with many other health risk behaviors, including high-risk sexual behavior and use of alcohol or other drugs. Cigarette smoking among high-school students remained common in Missouri though there had been a significant decline during the past decade (32.8% in 1999 vs. 18.9% in 2009).

SP() # _____ 3

PERFORMANCE MEASURE:

Percentage of live births to women who are prepregnancy overweight or obese

STATUS:

Active

GOAL

To reduce the percentage of mothers who are overweight or obese during pre-pregnancy.

DEFINITION

Percentage of live births to women with prepregnancy body mass index (BMI) of 25 or more.

Numerator:

Resident live births to women whose prepregnancy BMI is equal to or greater than 25. The BMI is calculated by dividing weight (in kg) by the square of height (in meters).

Denominator:

Resident live births with known BMI in the calendar year.

Units: 100 **Text:** Percent

HEALTHY PEOPLE 2020 OBJECTIVE

Related to Obj. MICH-16.5: 53.4 percent of females delivering recent live birth were normal weight

Baseline: 48.5 percent of females delivering a recent live birth had a normal weight (i.e., a BMI of 18.5-24.9) prior to pregnancy as reported in 2007.

DATA SOURCES AND DATA ISSUES

Missouri Birth Data maintained by the Bureau of Vital Statistics, Missouri Department of Health & Senior Services

SIGNIFICANCE

Maternal overweight or obesity is associated with adverse perinatal outcomes such as neural tube defects, preterm delivery, diabetes, cesarean section, and hypertensive and thromboembolic disease. Weight control before pregnancy is one of the preconception interventions that have proven to be effective in improving pregnancy outcomes.

SP() # _____ 4

PERFORMANCE MEASURE:

Percent of high school students who met currently recommended levels of physical activity.

STATUS:

Active

GOAL

Increase the percentage of high school students who met currently recommended levels of physical activity.

DEFINITION

Percentage of high school students who participated in any kind of physical activity that increased their heart rate and made them breathe hard some of the time for a total of at least 60 minutes per day on five or more of the seven days preceding the survey.

Numerator:

Number of high school students in grades 9 through 12 who participated in any kind of physical activity that increased their heart rate and made them breathe hard some of the time for a total of at least 60 minutes/day on >=5 of the 7 days preceding the survey.

Denominator:

Number of high school students.

Units: 100 **Text:** Percent

HEALTHY PEOPLE 2020 OBJECTIVE

Related to Obj. PA-3.1: 20.2 percent of adolescents will meet current physical activity guidelines

Baseline: 20.2 percent of adolescents met current physical activity guidelines for aerobic physical activity in 2009. The CDC currently recommends that adolescents get 60 minutes of aerobic physical activity each day, while Missouri uses the YRBS to measure physical activity of at least 60 minutes / five days per week

DATA SOURCES AND DATA ISSUES

Data source: CDC, NCCDPHP. Youth Risk Behavior Survey (YRBS). The YRBS is conducted by the Missouri Department of Elementary and Secondary Education every two years. YRBS has at least two limitations: 1. The data only apply to adolescents who attend high school and does not cover adolescents not enrolled in a high school program; and 2. Survey questions demonstrate good test-retest reliability and validity, although student's self-reports of physical activity are influenced substantially by cognitive factors and to a lesser degree by situational ones. In addition, as noted above, "current physical activity guidelines" may differ as measured by Missouri and as represented in Healthy People objective PA-3.1, target, and baseline. It should not be presumed that Missouri has necessarily met this target.

SIGNIFICANCE

Lack of physical activity is the main contributor to obesity in adolescents. Overweight (or obese) children are at a higher risk of developing Type II diabetes, high blood pressure, high cholesterol levels, and other harmful health conditions.

SP() # 5

PERFORMANCE MEASURE:

Birth rate (per 1,000) among teenage girls aged 15-19 years

STATUS:

Active

GOAL

To reduce birth rate among teenagers aged 15-19 years

DEFINITION

Number of live births per 1,000 teenage girls aged 15-19 years

Numerator:

Number of live births to teenage girls aged 15-19 years

Denominator:

Estimated number of female population aged 15-19 years in the calendar year.

Units: 1000 **Text:** Rate

HEALTHY PEOPLE 2020 OBJECTIVE

Related to Obj. FP-8.1: Reduce pregnancies among females aged 15-17 years to 36.2 percent
Baseline: 40.2 pregnancies per 1,000 females aged 15 to 17 years occurred in 2005.

DATA SOURCES AND DATA ISSUES

Number of live births is obtained from the Missouri Information for Community Assessment (MICA) – Birth (<http://health.mo.gov/data/mica/mica/birth.php>). Female population estimate is obtained from the MICA - Population (<http://health.mo.gov/data/mica/PopulationMICA/>).

SIGNIFICANCE

Teen pregnancy and childbearing are associated with a wide range of adverse health and social outcomes, and bring substantial economic costs through immediate and long-term impacts on teen parents and their children. This measure aims to provide an overall burden of teen births.

SP() # _____ 6

PERFORMANCE MEASURE:

Percentage of women aged 18-44 years who visited a dentist or a dental clinic for any reason within the past year

STATUS:

Active

GOAL

To increase the proportion of routine access to dental care services among women of childbearing age.

DEFINITION

Percentage of women aged 18-44 years who visited a dentist or a dental clinic for any reason within the past year.

Numerator:

Weighted number of women 18-44 years old who visited a dentist or a dental clinic for any reason, including visits to dental specialists, such as orthodontists within the past year.

Denominator:

Weighted number of women population aged 18-44 years. Denominator includes all respondents except those with missing, don't know, and refused answers.

Units: 100 **Text:** Percent

HEALTHY PEOPLE 2020 OBJECTIVE

Related to Obj. OH-7: 49.0 percent of persons will have used the oral health system in the past year
Baseline: 44.5 percent of persons aged 2 years and older had a dental visit in the past 12 months in 2007.

DATA SOURCES AND DATA ISSUES

Missouri Behavioral Risk Factor Surveillance System (BRFSS).

SIGNIFICANCE

Oral health problems are common in pregnant women. Routine access to dental care among women of childbearing age is important not only for overall health of women, but also for improving preconception health, which in turn contributes to improving oral health and general health of mothers and their children.

SP() # _____ 7

PERFORMANCE MEASURE:

Percentage of women with a recent live birth who reported taking a multivitamin or a prenatal vitamin four or more times per week in the month prior to pregnancy

STATUS:

Active

GOAL

To increase the proportion of preconceptional use of folic acid among women of childbearing age.

DEFINITION

Percentage of women with a recent live birth who reported taking a multivitamin or a prenatal vitamin four or more times per week in the month prior to pregnancy.

Numerator:

Weighted number of women with a recent live birth who reported taking a multivitamin or a prenatal vitamin four or more times per week in the month prior to pregnancy.

Denominator:

Weighted number of resident women population with a recent live birth. Denominator includes all respondents except those with missing, don't know, and refused answers.

Units: 100 **Text:** Percent

HEALTHY PEOPLE 2020 OBJECTIVE

Related to Obj. MICH-14: 26.2 percent of non-pregnant females aged 15 to 44 years will have taken 400 µg folic acid each day. Baseline: 23.8 percent of non-pregnant females aged 15 to 44 years reported a usual daily total intake of at least 400 µg of folic acid from fortified foods or dietary supplements in 2003–06

DATA SOURCES AND DATA ISSUES

Missouri Pregnancy Risk Assessment Monitoring System (PRAMS) – PONDER (PRAMS On-Line Data for Epidemiologic Research). Note that because Missouri measures multivitamin or a prenatal vitamin four or more times per week (rather than daily), reported data and targets will not be strictly comparable with Healthy People baseline and target.

SIGNIFICANCE

Birth defects are the leading cause of infant mortality. Neural tube defects (NTDs) are among the most common birth defects that contribute to perinatal and infant deaths and serious disability in children. Researches have indicated consumption of folic acid before conception and during the first trimester can reduce the occurrence of NTDs by 50%-70%.

SP() # 8

PERFORMANCE MEASURE:

Percentage of women with a recent live birth who reported frequent postpartum depressive symptoms

STATUS:

Active

GOAL

To decrease the proportion of postpartum depression among new mothers.

DEFINITION

Percentage of women with a recent live birth who reported frequent postpartum depressive symptoms; "frequent postpartum depressive symptoms" defined as a response of "Always" or "Often" to either or both of two Pregnancy Risk Assessment Monitoring System (PRAMS) survey questions "Since your new baby was born, how often have you felt down, depressed, or hopeless?" and "Since your new baby was born, how often have you had little interest or little pleasure in doing things?"

Numerator:

Weighted number of women with a recent live birth who reported frequent postpartum depressive symptoms.

Denominator:

Weighted number of resident women population with a recent live birth. Denominator includes all respondents except those with missing, don't know, and refused answers.

Units: 100 **Text:** Percent

HEALTHY PEOPLE 2020 OBJECTIVE

NA

There is no specific HP 2020 objective related to postpartum depression. Missouri previously related this performance measure to HP 2010 Objective 16-5C ("Reduce maternal illness and complications due to pregnancy including postpartum depression"), but the related HP 2020 objective, MICH-6, does not specifically reference postpartum depression and is further limited to "complications during hospitalized labor and delivery".

DATA SOURCES AND DATA ISSUES

The percentage of frequent postpartum depressive symptoms is obtained from the Pregnancy Risk Assessment Monitoring System (PRAMS) – PONDER (PRAMS On-Line Data for Epidemiologic Research).

SIGNIFICANCE

Postpartum depression (PPD) among new mothers is an important maternal and child health concern. According to Missouri RPAMS 2007 data, 16.3% of Missouri new mothers reported frequent postpartum depressive symptoms. PPD could occur within a year after delivery and has the potential to adversely impact the health and emotional wellbeing of both the mother and the child.

SP() # _____ 9

PERFORMANCE MEASURE:

Percent of infants with permanent hearing loss and enrolled in appropriate early intervention services that are enrolled in those services by 6 months of age.

STATUS:

Active

GOAL

To reduce the number of deaf or hard-of-hearing infants who do not receive appropriate early intervention services before 6 months of age.

DEFINITION

Percent of infants with permanent hearing loss and enrolled in appropriate intervention services that are enrolled in those services by 6 months of age; appropriate early intervention defined as Part C or other state approved intervention services.

Numerator:

Number of infants with a hearing loss who are enrolled in an intervention program before 6 months of age during one calendar year.

Denominator:

Number of infants born in the calendar year with a hearing loss who are enrolled in an intervention program.

Units: 100 **Text:** Percent

HEALTHY PEOPLE 2020 OBJECTIVE

Related to Obj. ENT-VSL-1.3: 55.0 percent of infants with confirmed hearing loss will be enrolled for intervention services by age 6 months. Baseline: 50.0 percent of infants aged 6 months and under with confirmed hearing loss were enrolled for intervention services in 2007.

DATA SOURCES AND DATA ISSUES

Centers for Disease Control and Prevention (CDC), Early Hearing Detection & Intervention (EHDI) Program Annual Screening and Follow-up Survey; sources include Missouri Health Strategic Architectures and Information Cooperative (MOHSAIC) and Missouri Department of Early and Secondary Education Part C program – First Steps – and applies to those infants for whom Missouri Department of Health and Senior Services has received audiologic diagnostic reports.

SIGNIFICANCE

Infants and children with mild-to-profound hearing loss who are identified in the first 6 months of life and provided with immediate and appropriate intervention have significantly better outcomes than later-identified infants and children in vocabulary development, receptive and expressive language, syntax, speech production and social-emotional development.

SP() # 10

PERFORMANCE MEASURE:

Percent of children ages 0-19 years old who received health care at a FQHC/CHC.

STATUS:

Active

GOAL

To increase the percent of children ages 0-19 years old who received health care at a FQHC/CHC.

DEFINITION

The percent of children ages 0-19 who received care at Federally Qualified Health Care Centers (FQHC)/Community Health Centers (CHC).

Numerator:

Number of children ages 0-19 years old who received health care at a FQHC.

Denominator:

Number of children ages 0-19 years old.

Units: 100 **Text:** Percent

HEALTHY PEOPLE 2020 OBJECTIVE

NA

DATA SOURCES AND DATA ISSUES

Uniform Data System data are obtained from Office of Primary care and Rural Health supported health centers.

SIGNIFICANCE

The avoidance of the health and financial costs of long-term disability is the goal of early health care visits and prevention-oriented services that provide early identification of conditions that can impede children's natural growth and development.

FORM NOTES FOR FORM 16

None

FIELD LEVEL NOTES

None

FORM 17
HEALTH SYSTEMS CAPACITY INDICATORS
 FORMS FOR HSCI 01 THROUGH 04, 07 & 08 - MULTI-YEAR DATA
 STATE: MO

Form Level Notes for Form 17

None

HEALTH SYSTEMS CAPACITY #01

The rate of children hospitalized for asthma (ICD-9 Codes: 493.0 -493.9) per 10,000 children less than five years of age.

	<u>Annual Indicator Data</u>				
	2007	2008	2009	2010	2011
Annual Indicator	31.6	35.0	34.4	33.4	33.4
Numerator	1,245	1,406	1,390	1,303	1,303
Denominator	393,940	401,845	403,529	390,237	390,237

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5
 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final Provisional

Field Level Notes

1. **Section Number:** Form17_Health Systems Capacity Indicator #01

Field Name: HSC01

Row Name:

Column Name:

Year: 2011

Field Note:

Source: Numerator is from DHSS patient abstract system, inpatient hospitalization data. 2010 data used as proxy for 2011. 2009 and 2010 hospital discharge data updated with final numbers.

Population estimate for 2010 is used as proxy for 2011 denominator, obtained from U.S. Census Bureau, 2010 US Census

2. **Section Number:** Form17_Health Systems Capacity Indicator #01

Field Name: HSC01

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Numerator is from DHSS patient abstract system, inpatient hospitalization data. 2009 data used as proxy for 2010. 2009 Final hospital discharge information will be updated in summer of 2012.

Population estimate for 2009 is used as proxy for 2010 denominator, obtained from Missouri Information for Community Assessment (MICA)-Population.

3. **Section Number:** Form17_Health Systems Capacity Indicator #01

Field Name: HSC01

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Numerator is from DHSS patient abstract system, inpatient hospitalization data. 2008 data used as proxy for 2009. 2009 Final hospital discharge information will be updated in summer of 2012.

Population estimate for 2008 is used as proxy for 2009 denominator, obtained from Missouri Information for Community Assessment (MICA)-Population. Final population information available November 2010.

HEALTH SYSTEMS CAPACITY #02

The percent Medicaid enrollees whose age is less than one year during the reporting year who received at least one initial periodic screen.

	2007	2008	Annual Indicator Data		
			2009	2010	2011
Annual Indicator	<u>90.8</u>	<u>90.7</u>	<u>91.3</u>	<u>95.7</u>	<u>95.7</u>
Numerator	<u>40,857</u>	<u>41,175</u>	<u>40,776</u>	<u>30,411</u>	<u>29,871</u>
Denominator	<u>44,982</u>	<u>45,389</u>	<u>44,674</u>	<u>31,775</u>	<u>31,197</u>

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
- (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

Field Level Notes

1. **Section Number:** Form17_Health Systems Capacity Indicator #02

Field Name: HSC02

Row Name:

Column Name:

Year: 2011

Field Note:

Source: Division of Medical Services, MO HealthNet, Department of Social Services

2. **Section Number:** Form17_Health Systems Capacity Indicator #02

Field Name: HSC02

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Division of Medical Services, MO HealthNet, Department of Social Services. CMS changed instructions on the 416 reporting requirements. The number of screenings is now taken from only those eligible for EPSDT services for a continuous 90 days rather than for all EPSDT eligible individuals.

3. **Section Number:** Form17_Health Systems Capacity Indicator #02

Field Name: HSC02

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Division of Medical Services, MO HealthNet, Department of Social Services. Numerator is number of Medicaid enrollees (including SCHIP) age less than one year in FFY 2009 who received at least 1 periodic screen. Denominator is number of Medicaid enrollees (including SCHIP) whose age is less than one year in FFY 2009.

HEALTH SYSTEMS CAPACITY #03

The percent State Childrens Health Insurance Program (SCHIP) enrollees whose age is less than one year during the reporting year who received at least one periodic screen.

	<u>Annual Indicator Data</u>				
	2007	2008	2009	2010	2011
Annual Indicator	<u>90.8</u>	<u>90.8</u>	<u>91.0</u>	<u>95.9</u>	<u>95.5</u>
Numerator	<u>433</u>	<u>442</u>	<u>537</u>	<u>117</u>	<u>149</u>
Denominator	<u>477</u>	<u>487</u>	<u>590</u>	<u>122</u>	<u>156</u>
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

Field Level Notes

- Section Number:** Form17_Health Systems Capacity Indicator #03

Field Name: HSC03

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO HealthNet Division, Department of Social Services.

- Section Number:** Form17_Health Systems Capacity Indicator #03

Field Name: HSC03

Row Name:

Column Name:

Year: 2010

Field Note:

Source: MO HealthNet Division, Department of Social Services.

CMS changed instructions on the 416 reporting requirements. The number of screenings is now taken from only those eligible for EPSDT services for a continuous 90 days rather than for all EPSDT eligible individuals.

- Section Number:** Form17_Health Systems Capacity Indicator #03

Field Name: HSC03

Row Name:

Column Name:

Year: 2009

Field Note:

Source: MO HealthNet Division, Department of Social Services. Denominator is final 2009 number of SCHIP enrollees <1 year of age in FFY 2009. Numerator is SCHIP enrollees under one year who received at least one periodic screen in FFY 2009.

HEALTH SYSTEMS CAPACITY #04

The percent of women (15 through 44) with a live birth during the reporting year whose observed to expected prenatal visits are greater than or equal to 80 percent on the Kotelchuck Index.

	Annual Indicator Data				
	2007	2008	2009	2010	2011
Annual Indicator	<u>75.2</u>	<u>74.3</u>	<u>75.8</u>	<u>78.7</u>	<u>77.6</u>
Numerator	<u>61,545</u>	<u>60,141</u>	<u>59,733</u>	<u>55,117</u>	<u>49,847</u>
Denominator	<u>81,883</u>	<u>80,944</u>	<u>78,849</u>	<u>70,014</u>	<u>64,268</u>

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

Field Level Notes

1. **Section Number:** Form17_Health Systems Capacity Indicator #04

Field Name: HSC04

Row Name:

Column Name:

Year: 2011

Field Note:

Source: Birth Data, DHSS Vital Statistics. 2011 provisional data as of March 2012. Final birth information will be available in early 2013. Numbers for 2010 are updated with 2010 final data

2. **Section Number:** Form17_Health Systems Capacity Indicator #04

Field Name: HSC04

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Birth Data, DHSS Vital Statistics. 2010 provisional data as of March 2011. Final birth information will be available in early 2012. Numbers for 2009 are updated with 2009 final data.

Starting from 2010 data, the denominator has been changed from including total live births to only including live births to women 15-44 with known adequacy of prenatal care status.

MO started using the 2003 revision of Birth Certificate in 2010. The percentage of adequate prenatal care from the 2003 revision is not comparable to that collected using the earlier revision due to a change in how prenatal care is reported in the 2003 revision.

3. **Section Number:** Form17_Health Systems Capacity Indicator #04

Field Name: HSC04

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Birth Data, DHSS Vital Statistics. 2009 provisional data as of April 2010. Final birth information will be available November 2010.

Numbers for 2008 are updated with 2008 final data.

Similar to the pattern observed for early prenatal care (PNC) in MO, the percentage of adequate PNC based on the Kotelchuck Index slightly increased in 2009 (provisional) compared with the figure in 2008.

HEALTH SYSTEMS CAPACITY #07A

Percent of potentially Medicaid-eligible children who have received a service paid by the Medicaid Program.

	2007	2008	Annual Indicator Data		
			2009	2010	2011
Annual Indicator	79.2	79.1	80.3	78.6	75.1
Numerator	361,000	412,000	354,000	419,000	344,000
Denominator	456,000	521,000	441,000	533,000	458,000

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

Field Level Notes

1. **Section Number:** Form17_Health Systems Capacity Indicator #07A

Field Name: HSC07A**Row Name:****Column Name:****Year:** 2011**Field Note:**

Accurate number of potentially Medicaid-eligible children is not available. Estimates of denominator and numerator are obtained from 2011 Current Population Survey Table Creator on the US Census Bureau website: http://www.census.gov/hhes/www/cpssc/cps_table_creator.html

Numerator = Number of kids ages 0-17, below 300% FPL, and on Medicaid. (we use this number as surrogate for Medicaid enrolled children who received service paid by Medicaid)

Denominator = Number of kids ages 0-17, below 300% FPL, and on Medicaid + Number of kids of ages 0-17, below 300% FPL, and not on Medicaid (uninsured).

Current Population Survey in 2011 represents 2010 data.

2. **Section Number:** Form17_Health Systems Capacity Indicator #07A

Field Name: HSC07A**Row Name:****Column Name:****Year:** 2010**Field Note:**

Accurate number of potentially Medicaid-eligible children is not available. Estimates of denominator and numerator are obtained from 2010 Current Population Survey Table Creator on the US Census Bureau website: http://www.census.gov/hhes/www/cpssc/cps_table_creator.html

Numerator = Number of kids ages 0-17, below 300% FPL, and on Medicaid. (we use this number as surrogate for Medicaid enrolled children who received service paid by Medicaid)

Denominator = Number of kids ages 0-17, below 300% FPL, and on Medicaid + Number of kids of ages 0-17, below 300% FPL, and not on Medicaid (uninsured).

Current Population Survey in 2010 represents 2009 data.

3. **Section Number:** Form17_Health Systems Capacity Indicator #07A

Field Name: HSC07A**Row Name:****Column Name:****Year:** 2009**Field Note:**

Accurate number of potentially Medicaid-eligible children is not available. Estimates of denominator and numerator are obtained from 2009 Current Population Survey Table Creator on the US Census Bureau website: http://www.census.gov/hhes/www/cpssc/cps_table_creator.html

Numerator = Number of kids ages 0-17, below 300% FPL, and on Medicaid.

Denominator = Number of kids ages 0-17, below 300% FPL, and on Medicaid + Number of kids of ages 0-17, below 300% FPL, and not on Medicaid (uninsured).

Current Population Survey in 2009 represents 2008 data.

HEALTH SYSTEMS CAPACITY #07B

The percent of EPSDT eligible children aged 6 through 9 years who have received any dental services during the year.

Annual Indicator Data

	2007	2008	2009	2010	2011
Annual Indicator	38.3	37.5	41.3	44.6	49.4
Numerator	47,818	47,298	54,115	60,826	65,908
Denominator	124,885	126,014	130,996	136,344	133,379

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

Field Level Notes

1. **Section Number:** Form17_Health Systems Capacity Indicator #07B

Field Name: HSC07B

Row Name:

Column Name:

Year: 2011

Field Note:

Source: MO HealthNet Division, Department of Social Services. Numerator is the number of EPSDT eligible children age 6-9 years receiving any dental services in FFY 2011. Denominator is the number of children age 6-9 years eligible for EPSDT in FFY 2011.

2. **Section Number:** Form17_Health Systems Capacity Indicator #07B

Field Name: HSC07B

Row Name:

Column Name:

Year: 2010

Field Note:

Source: MO HealthNet Division, Department of Social Services. Numerator is the number of EPSDT eligible children age 6-9 years receiving any dental services in FFY 2010. Denominator is the number of children age 6-9 years eligible for EPSDT in FFY 2010.

3. **Section Number:** Form17_Health Systems Capacity Indicator #07B

Field Name: HSC07B

Row Name:

Column Name:

Year: 2009

Field Note:

Source: MO HealthNet Division, Department of Social Services. Numerator is the number of EPSDT eligible children age 6-9 years receiving any dental services in FFY 2009. Denominator is the number of children age 6-9 years eligible for EPSDT in FFY 2009.

HEALTH SYSTEMS CAPACITY #08

The percent of State SSI beneficiaries less than 16 years old receiving rehabilitative services from the State Children with Special Health Care Needs (CSHCN) Program.

	2007	2008	Annual Indicator Data		2011
Annual Indicator	81.4	81.6	84.0	84.3	83.6
Numerator	14,421	14,668	15,588	16,497	16,987
Denominator	17,727	17,979	18,549	19,563	20,331

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

Field Level Notes

1. **Section Number:** Form17_Health Systems Capacity Indicator #08

Field Name: HSC08

Row Name:

Column Name:

Year: 2011

Field Note:

Denominator is number of Missouri SSI recipients under age 16 years as of December 2011. Source: Social Security Administration, Supplemental Security Record.
<http://childhealthdata.org/browse/titlev/state-ssi-data>

Numerator is the number of Missouri Medicaid enrollees referred for SSI supported rehab services as of December 2011 under age 16.

2. **Section Number:** Form17_Health Systems Capacity Indicator #08

Field Name: HSC08

Row Name:

Column Name:

Year: 2010

Field Note:

Denominator is number of Missouri SSI recipients under age 16 years as of December 2010. Source: Social Security Administration Supplemental Security Record.
<http://web.syntiro.org/hrtw/youth/data.html?n=hrtw/youth/data.html>

Numerator is the number of Missouri Medicaid enrollees referred for SSI supported rehab services as of December 2010 under age 16.

3. **Section Number:** Form17_Health Systems Capacity Indicator #08

Field Name: HSC08

Row Name:

Column Name:

Year: 2009

Field Note:

Denominator is number of Missouri SSI recipients under age 16 years as of December 2009. Source: Social Security Administration Supplemental Security Record.
<http://www.hrtw.org/youth/data>

Numerator is the number of Missouri Medicaid enrollees referred for SSI supported rehab services as of December 2009 under age 16.

FORM 18
 HEALTH SYSTEMS CAPACITY INDICATOR #05
 (MEDICAID AND NON-MEDICAID COMPARISON)
 STATE: MO

INDICATOR #05 <i>Comparison of health system capacity indicators for Medicaid, non-Medicaid, and all MCH populations in the State</i>	YEAR	DATA SOURCE	POPULATION		
			MEDICAID	NON-MEDICAID	ALL
a) <i>Percent of low birth weight (< 2,500 grams)</i>	2011	Payment source from birth certificate	9.6	6.3	7.8
b) <i>Infant deaths per 1,000 live births</i>	2011	Matching data files	8.9	3.7	6.2
c) <i>Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester</i>	2011	Payment source from birth certificate	63.5	85.9	75.6
d) <i>Percent of pregnant women with adequate prenatal care (observed to expected prenatal visits is greater than or equal to 80% [Kotelchuck Index])</i>	2011	Payment source from birth certificate	67.1	86	77.6

FORM 18
HEALTH SYSTEMS CAPACITY INDICATOR #06 (MEDICAID ELIGIBILITY LEVEL)
 STATE: MO

INDICATOR #06 <i>The percent of poverty level for eligibility in the State's Medicaid programs for infants (0 to 1), children, Medicaid and pregnant women.</i>	YEAR	PERCENT OF POVERTY LEVEL MEDICAID (Valid range: 100-300 percent)
a) <i>Infants (0 to 1)</i>	2011	185
b) <i>Medicaid Children</i> (Age range <u> 1 </u> to <u> 5 </u>) (Age range <u> 6 </u> to <u> 18 </u>) (Age range <u> </u> to <u> </u>)	2011	133 100
c) <i>Pregnant Women</i>	2011	185

FORM 18
HEALTH SYSTEMS CAPACITY INDICATOR #06(SCHIP ELIGIBILITY LEVEL)
 STATE: MO

INDICATOR #06 <i>The percent of poverty level for eligibility in the State's SCHIP programs for infants (0 to 1), children, SCHIP and pregnant women.</i>	YEAR	PERCENT OF POVERTY LEVEL SCHIP
a) <i>Infants (0 to 1)</i>	2011	_____300
b) <i>Medicaid Children</i> (Age range <u> 1 </u> to <u> 5 </u>) (Age range <u> 6 </u> to <u> 18 </u>) (Age range _____ to _____)	2011	_____300 _____300 _____
c) <i>Pregnant Women</i>		_____

FORM NOTES FOR FORM 18

None

FIELD LEVEL NOTES

1. **Section Number:** Form18_Indicator 06 - Medicaid
Field Name: Med_Infant
Row Name: Infants
Column Name:
Year: 2013
Field Note:
Source: Based on a national survey conducted by the Kaiser Commission on Medicaid and the Uninsured with the Georgetown University Center for Children and Families, 2012 and Missouri Medicaid Basics Report 2011.
2. **Section Number:** Form18_Indicator 06 - Medicaid
Field Name: Med_Children
Row Name: Medicaid Children
Column Name:
Year: 2013
Field Note:
Source: Based on a national survey conducted by the Kaiser Commission on Medicaid and the Uninsured with the Georgetown University Center for Children and Families, 2012 and Missouri Medicaid Basics Report 2011.
3. **Section Number:** Form18_Indicator 06 - Medicaid
Field Name: Med_Women
Row Name: Pregnant Women
Column Name:
Year: 2013
Field Note:
Source: Based on a national survey conducted by the Kaiser Commission on Medicaid and the Uninsured with the Georgetown University Center for Children and Families, 2012 and Missouri Medicaid Basics Report 2011.
4. **Section Number:** Form18_Indicator 06 - SCHIP
Field Name: SCHIP_Infant
Row Name: Infants
Column Name:
Year: 2013
Field Note:
Source: Based on a national survey conducted by the Kaiser Commission on Medicaid and the Uninsured with the Georgetown University Center for Children and Families, 2012 and Missouri Medicaid Basics Report 2011.
5. **Section Number:** Form18_Indicator 06 - SCHIP
Field Name: SCHIP_Children
Row Name: SCHIP Children
Column Name:
Year: 2013
Field Note:
Source: Based on a national survey conducted by the Kaiser Commission on Medicaid and the Uninsured with the Georgetown University Center for Children and Families, 2012 and Missouri Medicaid Basics Report 2011.
6. **Section Number:** Form18_Indicator 06 - SCHIP
Field Name: SCHIP_Women
Row Name: Pregnant Women
Column Name:
Year: 2013
Field Note:
Missouri currently does not have a waiver to cover pregnant women using SCHIP funds.
7. **Section Number:** Form18_Indicator 05
Field Name: LowBirthWeight
Row Name: Percent of ow birth weight (<2,500 grams)
Column Name:
Year: 2013
Field Note:
DHSS Vital Statistics-Births. Provisional 2011 birth data as of March 2012. Final numbers will be available in early 2013.
8. **Section Number:** Form18_Indicator 05
Field Name: InfantDeath
Row Name: Infant deaths per 1,000 live births
Column Name:
Year: 2013
Field Note:
DHSS Vital Statistics. Provisional 2011 birth/death data as of March 2012. Final numbers will be available in early 2013.
9. **Section Number:** Form18_Indicator 05
Field Name: CareFirstTrimester
Row Name: Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester
Column Name:
Year: 2013
Field Note:
DHSS Vital Statistics-Births. Provisional 2011 birth data as of March 2012. Final numbers will be available in early 2013.
10. **Section Number:** Form18_Indicator 05
Field Name: AdequateCare
Row Name: Percent of pregnant women with adequate prenatal care
Column Name:
Year: 2013
Field Note:
DHSS Vital Statistics-Births. Provisional 2011 birth data as of March 2012. Final numbers will be available in early 2013.

FORM 19
HEALTH SYSTEMS CAPACITY INDICATOR - REPORTING AND TRACKING FORM
 STATE: MO

HEALTH SYSTEMS CAPACITY INDICATOR #09A (General MCH Data Capacity)
(The Ability of the State to Assure MCH Program Access to Policy and Program Relevant Information)

DATABASES OR SURVEYS	Does your MCH program have the ability to obtain data for program planning or policy purposes in a timely manner? (Select 1 - 3) *	Does your MCH program have Direct access to the electronic database for analysis? (Select Y/N)
ANNUAL DATA LINKAGES		
Annual linkage of infant birth and infant death certificates	3	Yes
Annual linkage of birth certificates and Medicaid Eligibility or Paid Claims Files	3	Yes
Annual linkage of birth certificates and WIC eligibility files	2	Yes
Annual linkage of birth certificates and newborn screening files	2	Yes
REGISTRIES AND SURVEYS		
Hospital discharge survey for at least 90% of in-State discharges	3	Yes
Annual birth defects surveillance system	2	Yes
Survey of recent mothers at least every two years (like PRAMS)	3	Yes

*Where:
 1 = No, the MCH agency does not have this ability.
 2 = Yes, the MCH agency sometimes has this ability, but not on a consistent basis.
 3 = Yes, the MCH agency always has this ability.

FORM 19
HEALTH SYSTEMS CAPACITY INDICATOR - REPORTING AND TRACKING FORM
 STATE: MO

DATA SOURCES	Does your state participate in the YRBS survey? (Select 1 - 3)*	Does your MCH program have direct access to the state YRBS database for analysis? (Select Y/N)
Youth Risk Behavior Survey (YRBS)	3	Yes
Other: Youth Tobacco Survey	3	Yes

*Where:
 1 = No
 2 = Yes, the State participates but the sample size is not large enough for valid statewide estimates for this age group.
 3 = Yes, the State participates and the sample size is large enough for valid statewide estimates for this age group.

Notes:
 1. HEALTH SYSTEMS CAPACITY INDICATOR #09B was formerly reported as Developmental Health Status Indicator #05.

FORM NOTES FOR FORM 19

None

FIELD LEVEL NOTES

1. **Section Number:** Form19_Indicator 09A
Field Name: BAD
Row Name: Annual linkage of infant birth and infant death certificates
Column Name:
Year: 2013
Field Note:
This linkage is performed continuously. Program staff and the public have access to data from the linked birth and infant death certificates through web-based data tools that are updated annually.
2. **Section Number:** Form19_Indicator 09A
Field Name: BAW
Row Name: Annual linkage of birth certificates and WIC eligibility files
Column Name:
Year: 2013
Field Note:
WIC eligibility and birth files for 2008 were linked in 2010. Missouri WIC, birth and Medicaid data for 2010-2011 will be linked in a national study.
3. **Section Number:** Form19_Indicator 09A
Field Name: BAN
Row Name: Annual linkage of birth certificates and newborn screening files
Column Name:
Year: 2013
Field Note:
Annual birth and newborn hearing screening files were last linked in 2008, using 2006 data. The program has direct access to some birth certificate data all the time for case management and annual reporting purposes.
4. **Section Number:** Form19_Indicator 09A
Field Name: Discharge
Row Name: Hospital discharge survey for at least 90% of in-State discharges
Column Name:
Year: 2013
Field Note:
Comprehensive information on hospital discharge data is available to program staff and the public on web-based data query and static data tools.
5. **Section Number:** Form19_Indicator 09A
Field Name: BirthDefects
Row Name: Annual birth defects surveillance system
Column Name:
Year: 2013
Field Note:
A Birth Defects Registry based on birth and hospital discharge linkage was in place through FFY 2004. Beginning in FFY 2005 the prior CDC grant was not awarded, but linkages continue for birth defects surveillance as time and resources allow.
6. **Section Number:** Form19_Indicator 09A
Field Name: RecentMother
Row Name: Survey of recent mothers at least every two years (like PRAMS)
Column Name:
Year: 2013
Field Note:
Missouri became a CDC PRAMS state in April 2006 and started data collection in May 2007. MO PRAMS weighted data sets for 2007-2010 are available for analysis. 2011 data collection is almost complete and will be available by December 2012 for analysis. A comprehensive MO PRAMS surveillance report using 2007 and 2008 data has been developed and is available on the MO DHSS web site.
7. **Section Number:** Form19_Indicator 09B
Field Name: YRBSS_09B
Row Name: Youth Risk Behavior Survey (YRBS)
Column Name:
Year: 2013
Field Note:
Starting 2012, the YRBS survey in Missouri will be conducted by Office of Epidemiology, MO DHSS.
8. **Section Number:** Form19_Indicator 09A
Field Name: BAM
Row Name: Annual linkage of birth certificates and Medicaid Eligibility or Paid Claims Files
Column Name:
Year: 2013
Field Note:
This linkage is performed annually to produce indicators based on Healthcare Effectiveness Data and Information Set (HEDIS) measures for Managed Care Organizations serving MoHealthNet populations.

FORM 20
HEALTH STATUS INDICATORS #01-#05
MULTI-YEAR DATA
STATE: MO

Form Level Notes for Form 20

None

HEALTH STATUS INDICATOR #01A

The percent of live births weighing less than 2,500 grams.

	<u>Annual Indicator Data</u>				
	2007	2008	2009	2010	2011
Annual Indicator	7.9	8.1	8.1	8.2	7.8
Numerator	6,456	6,585	6,402	6,300	5,753
Denominator	81,883	80,944	78,849	76,718	73,397

Check this box if you cannot report the numerator because
 1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5
 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

Field Level Notes

1. Section Number: Form20_Health Status Indicator #01A

Field Name: HSI01A

Row Name:

Column Name:

Year: 2011

Field Note:

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2011 provisional data as of March 2012. 2011 final birth data will be available in early 2013.

Numbers for 2010 are updated with 2010 final data.

2. Section Number: Form20_Health Status Indicator #01A

Field Name: HSI01A

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2010 provisional data as of March 2011. 2010 final birth data will be available in early 2012.

Numbers for 2009 are updated with 2009 final data.

3. Section Number: Form20_Health Status Indicator #01A

Field Name: HSI01A

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2009 provisional data as of April 2010. 2009 final birth data will be available in November 2010.

Numbers for 2008 are updated with 2008 final data.

HEALTH STATUS INDICATOR #01B

The percent of live singleton births weighing less than 2,500 grams.

Annual Indicator Data

	2007	2008	2009	2010	2011
Annual Indicator	6.2	6.4	6.3	6.4	6.2
Numerator	4,880	4,985	4,794	4,715	4,365
Denominator	79,204	78,162	76,148	73,863	70,846

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

Field Level Notes

1. **Section Number:** Form20_Health Status Indicator #01B

Field Name: HSI01B**Row Name:****Column Name:****Year:** 2011**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2011 provisional data as of March 2012. 2011 final birth data will be available in early 2013.

Numbers for 2010 are updated with 2010 final data.

2. **Section Number:** Form20_Health Status Indicator #01B

Field Name: HSI01B**Row Name:****Column Name:****Year:** 2010**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2010 provisional data as of March 2011. 2010 final birth data will be available in early 2012.

Numbers for 2009 are updated with final 2009 data.

3. **Section Number:** Form20_Health Status Indicator #01B

Field Name: HSI01B**Row Name:****Column Name:****Year:** 2009**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2009 provisional data as of April 2010. 2009 final birth data will be available in November 2010.

Numbers for 2008 are updated with final 2008 data.

HEALTH STATUS INDICATOR #02A

The percent of live births weighing less than 1,500 grams

	Annual Indicator Data				
	2007	2008	2009	2010	2011
Annual Indicator	1.5	1.4	1.6	1.4	1.3
Numerator	1,242	1,159	1,239	1,100	976
Denominator	81,883	80,944	78,849	76,718	73,397

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

Field Level Notes**1. Section Number:** Form20_Health Status Indicator #02A**Field Name:** HSI02A**Row Name:****Column Name:****Year:** 2011**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2011 provisional data as of March 2012. 2011 final birth data will be available in early 2013.

Numbers for 2010 are updated with 2010 final data.

2. Section Number: Form20_Health Status Indicator #02A**Field Name:** HSI02A**Row Name:****Column Name:****Year:** 2010**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2010 provisional data as of March 2011. 2010 final birth data will be available in early 2012.

Numbers for 2009 are updated with 2009 final data.

3. Section Number: Form20_Health Status Indicator #02A**Field Name:** HSI02A**Row Name:****Column Name:****Year:** 2009**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2009 provisional data as of April 2010. 2009 final birth data will be available in October 2010.

Numbers for 2008 are updated with 2008 final data.

HEALTH STATUS INDICATOR #02B

The percent of live singleton births weighing less than 1,500 grams.

Annual Indicator Data

	2007	2008	2009	2010	2011
Annual Indicator	1.1	1.1	1.2	1.1	1.0
Numerator	903	862	879	821	724
Denominator	79,204	78,162	76,148	73,863	70,846

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

Field Level Notes**1. Section Number:** Fom20_Health Status Indicator #02B**Field Name:** HSI02B**Row Name:****Column Name:****Year:** 2011**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2011 provisional data as of March 2012. 2011 final birth data will be available in early 2013.

Numbers for 2010 are updated with 2010 final data.

2. Section Number: Fom20_Health Status Indicator #02B**Field Name:** HSI02B**Row Name:****Column Name:****Year:** 2010**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2010 provisional data as of March 2011. Final birth data will be available in early 2012.

Numbers for 2009 are updated with 2009 final data.

3. Section Number: Fom20_Health Status Indicator #02B**Field Name:** HSI02B**Row Name:****Column Name:****Year:** 2009**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Births, DHSS Vital Statistics. 2009 provisional data as of April 2010. Final birth data will be available in November, 2010.

Numbers for 2008 are updated with 2008 final data.

HEALTH STATUS INDICATOR #03A

The death rate per 100,000 due to unintentional injuries among children aged 14 years and younger.

Annual Indicator Data

	2007	2008	2009	2010	2011
Annual Indicator	13.3	13.2	11.8	10.0	13.2
Numerator	155	155	140	118	155
Denominator	1,169,041	1,170,036	1,182,542	1,177,625	1,177,625

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Provisional

Provisional

Field Level Notes

1. **Section Number:** Fom20_Health Status Indicator #03A

Field Name: HSI03A**Row Name:****Column Name:****Year:** 2011**Field Note:**

Source: Missouri DHSS Vital Statistics-Deaths

Numerator includes motor vehicle accidents & all other unintentional injuries. 2011 provisional data as of March 2012. Final death data will be available in early 2013.

Denominator is population estimate from US Census Bureau, 2010 US Census used as a proxy for 2011.

2. **Section Number:** Fom20_Health Status Indicator #03A

Field Name: HSI03A**Row Name:****Column Name:****Year:** 2010**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Deaths. DHSS Vital Statistics. Numerator includes motor vehicle accidents & all other unintentional injuries. 2010 provisional data as of March 2011. Final death data will be available in early 2012.

Denominator is population estimate from MICA tables-population.

Numbers for 2009 are updated with 2009 final data.

3. **Section Number:** Fom20_Health Status Indicator #03A

Field Name: HSI03A**Row Name:****Column Name:****Year:** 2009**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Deaths. DHSS Vital Statistics. Numerator includes motor vehicle accidents & all other unintentional injuries. 2009 provisional data as of April 2010. Final death data will be available in November 2010.

Denominator is population estimate from MICA tables-population.

The 2008 population being used as proxy for 2009. 2009 final population data will be available November 2010.

Numbers for 2008 are updated with 2008 final data.

HEALTH STATUS INDICATOR #03B

The death rate per 100,000 for unintentional injuries among children aged 14 years and younger due to motor vehicle crashes.

Annual Indicator Data

	2007	2008	2009	2010	2011
Annual Indicator	3.7	3.1	2.8	1.8	3.1
Numerator	43	36	33	21	37
Denominator	1,169,041	1,170,036	1,182,542	1,177,625	1,177,625

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Provisional

Provisional

Field Level Notes

1. **Section Number:** Form20_Health Status Indicator #03B

Field Name: HSI03B**Row Name:****Column Name:****Year:** 2011**Field Note:**

Source: Missouri DHSS Vital Statistics-Deaths

Numerator includes deaths due to motor vehicle accidents. 2011 provisional data as of March 2012. Final death data will be available in early 2013.

Denominator is population estimates from US Census Bureau, 2010 US Census used as a proxy for 2011.

2. **Section Number:** Form20_Health Status Indicator #03B

Field Name: HSI03B**Row Name:****Column Name:****Year:** 2010**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Deaths. DHSS Vital Statistics. Numerator includes deaths due to motor vehicle accidents. 2010 provisional data as of March 2011. Final death data will be available in early 2012. Denominator is 2009 population estimate from MICA tables-population. 2009 being used as proxy for 2010. Numbers for 2009 are updated with 2009 final data.

3. **Section Number:** Form20_Health Status Indicator #03B

Field Name: HSI03B**Row Name:****Column Name:****Year:** 2009**Field Note:**

Source: Missouri Information for Community Assessment (MICA) - Deaths. DHSS Vital Statistics. Numerator includes deaths due to motor vehicle accidents. 2009 provisional data as of April 2010. Final death data will be available in November 2010. Denominator is 2008 population estimate from MICA tables-population. 2008 being used as proxy for 2009. The 2009 final population data will be available November 2010.

Numbers for 2008 are updated with 2008 final data.

HEALTH STATUS INDICATOR #03C

The death rate per 100,000 from unintentional injuries due to motor vehicle crashes among youth aged 15 through 24 years.

Annual Indicator Data

	2007	2008	2009	2010	2011
Annual Indicator	30.7	29.8	22.8	20.8	19.7
Numerator	250	242	192	174	165
Denominator	813,974	811,896	841,250	837,075	837,075

Check this box if you cannot report the numerator because

- 1. There are fewer than 5 events over the last year, and
 - 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
- (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Provisional

Provisional

Field Level Notes

1. **Section Number:** Form20_Health Status Indicator #03C

Field Name: HSI03C

Row Name:

Column Name:

Year: 2011

Field Note:

Source: Missouri DHSS Vital Statistics-Deaths

Numerator includes deaths due to motor vehicle accidents. 2011 provisional data as of March 2012. Final death data will be available in early 2013.

Denominator is population estimates from US Census Bureau, 2010 US Census used as a proxy for 2011.

2. **Section Number:** Form20_Health Status Indicator #03C

Field Name: HSI03C

Row Name:

Column Name:

Year: 2010

Field Note:

Source: Missouri Information for Community Assessment (MICA) - Deaths. DHSS Vital Statistics. Numerator includes deaths due to motor vehicle accidents. The 2010 provisional data as of March 2011. Final death data will be available in early 2012. Denominator is 2009 population estimate from MICA tables-population.

Numbers for 2009 are updated with 2009 final data.

3. **Section Number:** Form20_Health Status Indicator #03C

Field Name: HSI03C

Row Name:

Column Name:

Year: 2009

Field Note:

Source: Missouri Information for Community Assessment (MICA) - Deaths. DHSS Vital Statistics. Numerator includes deaths due to motor vehicle accidents. The 2009 provisional data as of April 2010. Final death data will be available in November 2010. Denominator is 2008 population estimate from MICA tables-population. 2009 population data will be available November 2010.

Numbers for 2008 are updated with 2008 final data.

HEALTH STATUS INDICATOR #04A

The rate per 100,000 of all nonfatal injuries among children aged 14 years and younger.

	2007	2008	Annual Indicator Data		
			2009	2010	2011
Annual Indicator	199.9	176.7	165.0	153.5	153.5
Numerator	2,337	2,067	1,951	1,808	1,808
Denominator	1,169,041	1,170,036	1,182,542	1,177,568	1,177,598

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

Field Level Notes

1. **Section Number:** Fom20_Health Status Indicator #04A

Field Name: HSI04A**Row Name:****Column Name:****Year:** 2011**Field Note:**

Source: DHSS. Injuries, Patient Abstract System(PAS) & U.S Census Bureau-Population. 2010 final injury data used as a proxy for 2011. Numbers for 2009, 2010 hospital data updated with final data. Denominator is 2010 population estimate of children aged 14 years & under, used as a proxy for 2011.

The numerator is estimated by taking number of inpatient hospitalizations for unintentional injuries minus the number died from the injuries among children aged <=14 years.

2. **Section Number:** Fom20_Health Status Indicator #04A

Field Name: HSI04A**Row Name:****Column Name:****Year:** 2010**Field Note:**

Source: DHSS. Missouri Information for Community Assessment (MICA) - Injuries, Hospital Patient Abstract System(PAS), & MICA-Population. Numerator is 2009 injury data used as a proxy for 2010. Final 2009, 2010 hospital data will be updated in summer of 2012. Denominator is 2009 population estimate of children aged 14 years & under, as a proxy for 2010. The 2010 Final population data will be available in November 2011.

The numerator is estimated by taking number of inpatient hospitalizations for unintentional injuries minus the number died from the injuries among children aged <=14 years.

3. **Section Number:** Fom20_Health Status Indicator #04A

Field Name: HSI04A**Row Name:****Column Name:****Year:** 2009**Field Note:**

Source: DHSS. Missouri Information for Community Assessment (MICA) - Injuries, Hospital Patient Abstract System(PAS), & MICA-Population. Numerator is 2008 injury data as a proxy for 2009. Final hospital data are available April 2011. Denominator is 2008 population estimate of children age 14 year & under, as a proxy for 2009. The 2009 population data will be available November 2010.

The numerator is estimated by taking number of inpatient hospitalizations for unintentional injuries minus the number died from the injuries among children aged <=14 years.

HEALTH STATUS INDICATOR #04B

The rate per 100,000 of nonfatal injuries due to motor vehicle crashes among children aged 14 years and younger.

Annual Indicator Data

	2007	2008	2009	2010	2011
Annual Indicator	47.2	41.5	38.1	34.9	34.9
Numerator	552	486	450	411	411
Denominator	1,169,228	1,170,036	1,182,542	1,177,568	1,177,598

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

Field Level Notes

1. Section Number: Form20_Health Status Indicator #04B

Field Name: HSI04B

Row Name:

Column Name:

Year: 2011

Field Note:

Source: DHSS. Injuries, Patient Abstract System(PAS) & U.S Census Bureau-Population. 2010 final injury data used as a proxy for 2011. Numbers for 2009, 2010 hospital data updated with final data. Denominator is 2010 population estimate of children aged 14 years & under, used as a proxy for 2011.

The numerator is estimated by taking number of inpatient hospitalizations for unintentional injuries due to motor vehicle traffic and non-traffic crashes minus the number died from the injuries among children aged <=14 years

2. Section Number: Form20_Health Status Indicator #04B

Field Name: HSI04B

Row Name:

Column Name:

Year: 2010

Field Note:

Source: DHSS. Missouri Information for Community Assessment (MICA) - Injuries, Hospital Patient Abstract System (PAS), & MICA-Population. Numerator is 2009 injury data as a proxy for 2010. Final 2009, 2010 PAS data will be updated in summer of 2012. Denominator is 2009 population estimate of children aged 14 years & under as a proxy for 2010. The 2010 Final population data will be available in November 2011.

The numerator is estimated by taking number of inpatient hospitalizations for unintentional injuries due to motor vehicle traffic and non-traffic crashes minus the number died from the injuries among children aged <=14 years

3. Section Number: Form20_Health Status Indicator #04B

Field Name: HSI04B

Row Name:

Column Name:

Year: 2009

Field Note:

Source: DHSS. Missouri Information for Community Assessment (MICA) - Injuries, Hospital Patient Abstract System (PAS), & MICA-Population. Numerator is 2008 injury data as a proxy for 2009. Final PAS data will be available on April 2011. Denominator is 2008 population estimate of children age 14 year & under as a proxy for 2009. The 2009 population data will be available November 2010.

The numerator is estimated by taking number of inpatient hospitalizations for unintentional injuries due to motor vehicle traffic and non-traffic crashes minus the number died from the injuries among children aged <=14 years

HEALTH STATUS INDICATOR #04C

The rate per 100,000 of nonfatal injuries due to motor vehicle crashes among youth aged 15 through 24 years

Annual Indicator Data

	2007	2008	2009	2010	2011
Annual Indicator	218.9	202.6	180.8	170.5	170.5
Numerator	1,777	1,645	1,521	1,427	1,427
Denominator	811,739	811,896	841,250	837,075	837,075

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

Field Level Notes

1. **Section Number:** Form20_Health Status Indicator #04C

Field Name: HSI04C**Row Name:****Column Name:****Year:** 2011**Field Note:**

Source: DHSS. Injuries, Patient Abstract System(PAS) & U.S Census Bureau-Population. 2010 final injury data used as a proxy for 2011. Numbers for 2009, 2010 hospital data updated with final data. Denominator is 2010 population estimate of youth aged 15-24 years used as a proxy for 2011.

The numerator is estimated by taking number of inpatient hospitalizations for unintentional injuries due to motor vehicle traffic and non-traffic crashes minus the number died from the injuries among youth aged 15-24 years.

2. **Section Number:** Form20_Health Status Indicator #04C

Field Name: HSI04C**Row Name:****Column Name:****Year:** 2010**Field Note:**

Source: DHSS. Missouri Information for Community Assessment (MICA) - Injuries, Hospital Patient Abstract System, & MICA-Population. Numerator is 2009 injury data used as a proxy for 2010. Final PAS 2009, 2010 data will be updated in summer of 2012. Denominator is 2009 population estimate of youth aged 15-24 as a proxy for 2010. The 2010 Final population data will be available in November 2011.

The numerator is estimated by taking number of inpatient hospitalizations for unintentional injuries due to motor vehicle traffic and non-traffic crashes minus the number died from the injuries among youth aged 15-24.

3. **Section Number:** Form20_Health Status Indicator #04C

Field Name: HSI04C**Row Name:****Column Name:****Year:** 2009**Field Note:**

Source: DHSS. Missouri Information for Community Assessment (MICA) - Injuries, Hospital Patient Abstract System, & MICA-Population. Numerator is 2008 injury data as a proxy for 2009. Final PAS data will be available April 2011. Denominator is 2008 population estimate of youth aged 15-24 as a proxy for 2009. The 2009 population data will be available November 2010.

The numerator is estimated by taking number of inpatient hospitalizations for unintentional injuries due to motor vehicle traffic and non-traffic crashes minus the number died from the injuries among youth aged 15-24.

HEALTH STATUS INDICATOR #05A

The rate per 1,000 women aged 15 through 19 years with a reported case of chlamydia.

	2007	2008	Annual Indicator Data		
			2009	2010	2011
Annual Indicator	34.8	37.5	38.8	37.6	37.9
Numerator	7,027	7,549	7,922	7,787	7,839
Denominator	201,706	201,433	204,220	206,847	206,847

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
- (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

Field Level Notes

1. **Section Number:** Form20_Health Status Indicator #05A

Field Name: HSI05A

Row Name:

Column Name:

Year: 2011

Field Note:

Source: DHSS Bureau of HIV, STD, & Hepatitis

2010 U.S. Census population estimate for women aged 15-19 years used as a proxy for 2011 denominator. Numerator is from the Epidemiologic Profiles of HIV/AIDS and STDs in Missouri. Numerator is the number of reported cases in women ages 15-19 years in 2011. It is not the number of women with chlamydia diagnosis.

2. **Section Number:** Form20_Health Status Indicator #05A

Field Name: HSI05A

Row Name:

Column Name:

Year: 2010

Field Note:

Source: DHSS Bureau of HIV, STD, & Hepatitis

2009 population estimate for women age 15-19 years is as proxy for 2010 denominator, obtained from MO DHSS (Missouri Information for Community Assessment) MICA-Population. Numerator is from the Epidemiologic Profiles of HIV/AIDS and STDs in Missouri. Numerator is the number of reported cases in women ages 15-19 years in 2010. It is not the number of women with chlamydia diagnosis.

3. **Section Number:** Form20_Health Status Indicator #05A

Field Name: HSI05A

Row Name:

Column Name:

Year: 2009

Field Note:

Source: DHSS Bureau of HIV, STD, & Hepatitis

Denominator is 2008 population estimate for women age 15-19 years, obtained from MO DHSS (Missouri Information for Community Assessment) MICA-Population. 2009 population estimate will be available in November 2010. Numerator is from the Epidemiologic Profiles of HIV/AIDS and STDs in Missouri. Numerator is the number of reported cases in women ages 15-19 years in 2009. It is not the number of women with chlamydia diagnosis.

Denominator for 2008 is updated with 2008 population estimate.

HEALTH STATUS INDICATOR #05B

The rate per 1,000 women aged 20 through 44 years with a reported case of chlamydia.

	2007	2008	Annual Indicator Data		
			2009	2010	2011
Annual Indicator	9.7	10.3	10.6	11.0	12.2
Numerator	9,625	10,126	10,494	10,686	11,839
Denominator	989,565	983,458	987,227	989,837	989,837

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.
- (Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

Field Level Notes

1. **Section Number:** Fom20_Health Status Indicator #05B

Field Name: HSI05B

Row Name:

Column Name:

Year: 2011

Field Note:

Source: DHSS Bureau of HIV, STD, & Hepatitis

2010 U.S. Census population estimates for women aged 20-44 years used as a proxy for 2011 denominator. Numerator is from the Epidemiologic Profiles of HIV/AIDS and STDs in Missouri. Numerator is the number of reported cases in women ages 20-24 years in 2011. It is not the number of women with chlamydia diagnosis.

2. **Section Number:** Fom20_Health Status Indicator #05B

Field Name: HSI05B

Row Name:

Column Name:

Year: 2010

Field Note:

Source: DHSS Bureau of HIV, STD, & Hepatitis

Denominator 2009 population estimate for women age 20-24 years is used as proxy for 2010, obtained from MO DHSS (Missouri Information for Community Assessment) MICA-Population. Numerator is from the Epidemiologic Profiles of HIV/AIDS and STDs in Missouri. Numerator is the number of reported cases in women ages 20-24 years in 2010. It is not the number of women with chlamydia diagnosis.

3. **Section Number:** Fom20_Health Status Indicator #05B

Field Name: HSI05B

Row Name:

Column Name:

Year: 2009

Field Note:

Source: DHSS Bureau of HIV, STD, & Hepatitis

Denominator is 2008 population estimate for women age 20-24 years, obtained from MO DHSS (Missouri Information for Community Assessment) MICA-Population. 2009 population estimate will be available in November 2010. Numerator is from the Epidemiologic Profiles of HIV/AIDS and STDs in Missouri. Numerator is the number of reported cases in women ages 20-24 years in 2009. It is not the number of women with chlamydia diagnosis.

FORM 21
HEALTH STATUS INDICATORS
DEMOGRAPHIC DATA
STATE: MO

HSI #06A - Demographics (Total Population) *Infants and children aged 0 through 24 years enumerated by sub-populations of age group and race. (Demographics)*

For both parts A and B: Reporting Year: 2010 Is this data from a State Projection? No Is this data final or provisional? Final

CATEGORY TOTAL POPULATION BY RACE	Total All Races	White	Black or African American	American Indian or Native Alaskan	Asian	Native Hawaiian or Other Pacific Islander	More than one race reported	Other and Unknown
Infants 0 to 1	76,718	59,546	10,932	0	0	0	0	6,240
Children 1 through 4	313,519	235,761	42,805	0	0	0	0	34,953
Children 5 through 9	390,463	301,405	53,356	0	0	0	0	35,702
Children 10 through 14	396,925	316,738	56,349	0	0	0	0	23,838
Children 15 through 19	423,786	326,859	67,683	0	0	0	0	29,244
Children 20 through 24	413,289	332,990	58,103	0	0	0	0	22,196
Children 0 through 24	2,014,700	1,573,299	289,228	0	0	0	0	152,173

HSI #06B - Demographics (Total Population) *Infants and children aged 0 through 24 years enumerated by sub-populations of age group and ethnicity. (Demographics)*

CATEGORY TOTAL POPULATION BY HISPANIC ETHNICITY	Total NOT Hispanic or Latino	Total Hispanic or Latino	Ethnicity Not Reported
Infants 0 to 1	72,384	4,334	0
Children 1 through 4	291,048	22,471	0
Children 5 through 9	367,098	23,365	0
Children 10 through 14	377,382	19,543	0
Children 15 through 19	404,554	19,232	0
Children 20 through 24	393,453	19,836	0
Children 0 through 24	1,905,919	108,781	0

FORM 21
HEALTH STATUS INDICATORS
DEMOGRAPHIC DATA
STATE: MO

HSI #07A - Demographics (Total live births) *Live births to women (of all ages) enumerated by maternal age and race. (Demographics)*

For both parts A and B: Reporting Year: 2011 Is this data from a State Projection? No Is this data final or provisional? Provisional

CATEGORY TOTAL LIVE BIRTHS BY RACE	Total All Races	White	Black or African American	American Indian or Native Alaskan	Asian	Native Hawaiian or Other Pacific Islander	More than one race reported	Other and Unknown
Women < 15	60	32	22	0	0	0	3	3
Women 15 through 17	1,850	1,153	506	10	2	3	99	77
Women 18 through 19	4,995	3,419	1,168	14	12	9	239	134
Women 20 through 34	58,745	45,946	8,172	154	1,231	109	1,624	1,509
Women 35 or older	7,728	6,085	855	14	337	12	165	260
Women of all ages	73,378	56,635	10,723	192	1,582	133	2,130	1,983

HSI #07B - Demographics (Total live births) *Live births to women (of all ages) enumerated by maternal age and ethnicity. (Demographics)*

CATEGORY TOTAL LIVE BIRTHS BY HISPANIC ETHNICITY	Total NOT Hispanic or Latino	Total Hispanic or Latino	Ethnicity Not Reported
Women < 15	54	6	0
Women 15 through 17	1,672	161	17
Women 18 through 19	4,646	301	48
Women 20 through 34	55,334	3,036	375
Women 35 or older	7,153	495	80
Women of all ages	68,859	3,999	520

FORM 21
HEALTH STATUS INDICATORS
DEMOGRAPHIC DATA
STATE: MO

HSI #08A - Demographics (Total deaths) Deaths of Infants and children aged 0 through 24 years enumerated by age subgroup and race. (Demographics)

For both parts A and B: Reporting Year: 2011 Is this data from a State Projection? No Is this data final or provisional? Provisional

CATEGORY TOTAL DEATHS BY RACE	Total All Races	White	Black or African American	American Indian or Native Alaskan	Asian	Native Hawaiian or Other Pacific Islander	More than one race reported	Other and Unknown
Infants 0 to 1	452	277	139	0	6	1	9	20
Children 1 through 4	95	66	19	0	1	0	5	4
Children 5 through 9	43	30	10	0	0	0	2	1
Children 10 through 14	71	54	11	0	1	0	2	3
Children 15 through 19	248	188	51	0	3	0	1	5
Children 20 through 24	425	314	91	0	5	0	5	10
Children 0 through 24	1,334	929	321	0	16	1	24	43

HSI #08B - Demographics (Total deaths) Deaths of Infants and children aged 0 through 24 years enumerated by age subgroup and ethnicity. (Demographics)

CATEGORY TOTAL DEATHS BY HISPANIC ETHNICITY	Total NOT Hispanic or Latino	Total Hispanic or Latino	Ethnicity Not Reported
Infants 0 to 1	434	18	0
Children 1 through 4	91	4	0
Children 5 through 9	41	2	0
Children 10 through 14	68	3	0
Children 15 through 19	238	10	0
Children 20 through 24	414	11	0
Children 0 through 24	1,286	48	0

FORM 21
HEALTH STATUS INDICATORS
DEMOGRAPHIC DATA
STATE: MO

HSI #09A - Demographics (Miscellaneous Data) Infants and children aged 0 through 19 years in miscellaneous situations or enrolled in various State programs enumerated by race. (Demographics)

Is this data final or provisional? Provisional

CATEGORY Miscellaneous Data BY RACE	Total All Races	White	Black or African American	American Indian or Native Alaskan	Asian	Native Hawaiian or Other Pacific Islander	More than one race reported	Other and Unknown	Specific Reporting Year
All children 0 through 19	1,601,411	1,237,160	227,111	7,723	26,395	2,359	67,729	32,934	2010
Percent in household headed by single parent	35.0	29.0	69.0	0.0	14.0	0.0	0.0	0.0	2010
Percent in TANF (Grant) families	3.5	2.8	8.2	1.5	0.7	3.4	0.2	4.8	2011
Number enrolled in Medicaid	500,186	378,150	151,974	998	4,873	1,082	5,540	17,569	2011
Number enrolled in SCHIP	125,055	94,667	24,673	244	1,497	197	761	3,016	2011
Number living in foster home care	15,409	11,296	3,585	57	28	21	167	255	2011
Number enrolled in food stamp program	577,438	379,228	171,092	1,013	3,437	1,060	5,433	16,175	2011
Number enrolled in WIC	165,595	101,841	37,259	166	2,318	0	6,955	17,066	2011
Rate (per 100,000) of juvenile crime arrests	3,970.4	3,517.6	7,903.2	1,346.6	1,050.9	0.0	0.0	1.7	2010
Percentage of high school drop-outs (grade 9 through 12)	3.4	2.2	8.8	2.8	1.5	0.0	0.0	0.0	2011

HSI #09B - Demographics (Miscellaneous Data) Infants and children aged 0 through 19 years in miscellaneous situations or enrolled in various State programs enumerated by ethnicity. (Demographics)

CATEGORY Miscellaneous Data BY HISPANIC ETHNICITY	Total NOT Hispanic or Latino	Total Hispanic or Latino	Ethnicity Not Reported	Specific Reporting Year
All children 0 through 19	1,512,466	88,945	0	2010
Percent in household headed by single parent	35.0	37.0	0.0	2010
Percent in TANF (Grant) families	3.5	2.4	0.0	2011
Number enrolled in Medicaid	514,651	38,937	6,598	2011
Number enrolled in SCHIP	116,304	7,724	1,027	2011
Number living in foster home care	14,687	491	231	2011
Number enrolled in food stamp program	536,981	34,065	6,392	2011
Number enrolled in WIC	148,539	17,056	0	2011
Rate (per 100,000) of juvenile crime arrests	4,125.8	1,327.8	0.0	2010
Percentage of high school drop-outs (grade 9 through 12)	3.4	4.8	0.0	2011

FORM 21
HEALTH STATUS INDICATORS
DEMOGRAPHIC DATA
STATE: MO

HSI #10 - Demographics (Geographic Living Area) *Geographic living area for all resident children aged 0 through 19 years old. (Demographics)*
 Reporting Year: 2010 Is this data from a State Projection? No Is this data final or provisional? Final

GEOGRAPHIC LIVING AREAS	TOTAL
Living in metropolitan areas	1,186,483
Living in urban areas	1,120,968
Living in rural areas	480,423
Living in frontier areas	0
Total - all children 0 through 19	1,601,411

Note:
 The Total will be determined by adding reported numbers for urban, rural and frontier areas.

FORM 21
HEALTH STATUS INDICATORS
DEMOGRAPHIC DATA
STATE: MO

HSI #11 - Demographics (Poverty Levels) Percent of the State population at various levels of the federal poverty level. (Demographics)

Reporting Year: 2010 Is this data from a State Projection? No Is this data final or provisional? Final

POVERTY LEVELS	TOTAL
Total Population	5,996,629
Percent Below: 50% of poverty	6.2
100% of poverty	14.8
200% of poverty	31.8

FORM 21
HEALTH STATUS INDICATORS
DEMOGRAPHIC DATA
STATE: MO

HSI #12 - Demographics (Poverty Levels) *Percent of the State population aged 0 through 19 at various levels of the federal poverty level. (Demographics)*

Reporting Year: 2010 Is this data from a State Projection? No Is this data final or provisional? Final

POVERTY LEVELS	TOTAL
Children 0 through 19 years old	1,544,283
Percent Below: 50% of poverty	10.6
100% of poverty	21.6
200% of poverty	39.9

FORM NOTES FOR FORM 21

None

FIELD LEVEL NOTES

1. **Section Number:** Form21_Indicator 06A
Field Name: S06_Race_Infants
Row Name: Infants 0 to 1
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics. Estimate the under 1 counts applying the state percentage to each of the race groups.
2. **Section Number:** Form21_Indicator 06A
Field Name: S06_Race_Children1to4
Row Name: children 1 through 4
Column Name:
Year: 2013
Field Note:
Source: U.S.Census Bureau, 2010 Census of Population. The race groups use the white alone and black alone definitions.
3. **Section Number:** Form21_Indicator 06A
Field Name: S06_Race_Children5to9
Row Name: children 5 through 9
Column Name:
Year: 2013
Field Note:
Source: U.S. Census Bureau, 2010 Census of Population. The race groups use the white alone and black alone definitions.
4. **Section Number:** Form21_Indicator 06A
Field Name: S06_Race_Children10to14
Row Name: children 10 through 14
Column Name:
Year: 2013
Field Note:
Source: U.S. Census Bureau, 2010 Census of Population. The race groups use the white alone and black alone definitions.
5. **Section Number:** Form21_Indicator 06A
Field Name: S06_Race_Children15to19
Row Name: children 15 through 19
Column Name:
Year: 2013
Field Note:
Source: U.S. Census Bureau, 2010 Census of Population. The race groups use the white alone and black alone definitions.
6. **Section Number:** Form21_Indicator 06A
Field Name: S06_Race_Children20to24
Row Name: children 20 through 24
Column Name:
Year: 2013
Field Note:
Source: U.S. Census Bureau, 2010 Census of Population. The race groups use the white alone and black alone definitions.
7. **Section Number:** Form21_Indicator 06B
Field Name: S06_Ethnicity_Infants
Row Name: Infants 0 to 1
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics. Estimate the under 1 counts applying the state percentage to each of the ethnicity groups.
8. **Section Number:** Form21_Indicator 06B
Field Name: S06_Ethnicity_Children1to4
Row Name: children 1 through 4
Column Name:
Year: 2013
Field Note:
Source: U.S. Census Bureau, 2010 Census of Population.
9. **Section Number:** Form21_Indicator 06B
Field Name: S06_Ethnicity_Children5to9
Row Name: children 5 through 9
Column Name:
Year: 2013
Field Note:
Source: U.S. Census Bureau, 2010 Census of Population.
10. **Section Number:** Form21_Indicator 06B
Field Name: S06_Ethnicity_Children10to14
Row Name: children 10 through 14
Column Name:
Year: 2013
Field Note:
Source: U.S. Census Bureau, 2010 Census of Population.
11. **Section Number:** Form21_Indicator 06B
Field Name: S06_Ethnicity_Children15to19
Row Name: children 15 through 19
Column Name:
Year: 2013
Field Note:
Source: U.S. Census Bureau, 2010 Census of Population.

12. **Section Number:** Form21_Indicator 06B
Field Name: S06_Ethnicity_Children20to24
Row Name: children 20 through 24
Column Name:
Year: 2013
Field Note:
Source:U.S. Census Bureau, 2010 Census of Population.
13. **Section Number:** Form21_Indicator 07A
Field Name: Race_Women15
Row Name: Women < 15
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics Provisional live birth numbers as of March 2012. Final numbers will be available in early 2013.
- Row "women of all ages" does not include women with unknown age.
14. **Section Number:** Form21_Indicator 07A
Field Name: Race_Women15to17
Row Name: Women 15 through 17
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics Provisional live birth numbers as of March 2012. Final numbers will be available in early 2013.
- Row "women of all ages" does not include women with unknown age.
15. **Section Number:** Form21_Indicator 07A
Field Name: Race_Women18to19
Row Name: Women 18 through 19
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics Provisional live birth numbers as of March 2012. Final numbers will be available in early 2013.
- Row "women of all ages" does not include women with unknown age.
16. **Section Number:** Form21_Indicator 07A
Field Name: Race_Women20to34
Row Name: Women 20 through 34
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics Provisional live birth numbers as of March 2012. Final numbers will be available in early 2013.
- Row "women of all ages" does not include women with unknown age.
17. **Section Number:** Form21_Indicator 07A
Field Name: Race_Women35
Row Name: Women 35 or older
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics Provisional live birth numbers as of March 2012. Final numbers will be available in early 2013.
- Row "women of all ages" does not include women with unknown age.
18. **Section Number:** Form21_Indicator 07B
Field Name: Ethnicity_Women15
Row Name: Women < 15
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics Provisional live birth numbers as of March 2012. Final numbers will be available in early 2013.
- Row "women of all ages" does not include women with unknown age.
19. **Section Number:** Form21_Indicator 07B
Field Name: Ethnicity_Women15to17
Row Name: Women 15 through 17
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics Provisional live birth numbers as of March 2012. Final numbers will be available in early 2013.
- Row "women of all ages" does not include women with unknown age.
20. **Section Number:** Form21_Indicator 07B
Field Name: Ethnicity_Women18to19
Row Name: Women 18 through 19
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics Provisional live birth numbers as of March 2012. Final numbers will be available in early 2013.
- Row "women of all ages" does not include women with unknown age.
21. **Section Number:** Form21_Indicator 07B
Field Name: Ethnicity_Women20to34
Row Name: Women 20 through 34
Column Name:

Year: 2013

Field Note:

Source: DHSS Vital Statistics. Provisional live birth numbers as of March 2012. Final numbers will be available in early 2013.

Row "women of all ages" does not include women with unknown age.

22. Section Number: Form21_Indicator 07B

Field Name: Ethnicity_Women35

Row Name: Women 35 or older

Column Name:

Year: 2013

Field Note:

Source: DHSS Vital Statistics. Provisional live birth numbers as of March 2012. Final numbers will be available in early 2013.

Row "women of all ages" does not include women with unknown age.

23. Section Number: Form21_Indicator 08A

Field Name: S08_Race_Infants

Row Name: Infants 0 to 1

Column Name:

Year: 2013

Field Note:

Source: DHSS Vital Statistics. Provisional infant death numbers as of March 2012. Final numbers will be available in early 2013.

24. Section Number: Form21_Indicator 08A

Field Name: S08_Race_Children1to4

Row Name: children 1 through 4

Column Name:

Year: 2013

Field Note:

Source: DHSS Vital Statistics. Provisional death numbers as of March 2012. Final numbers will be available in early 2013.

25. Section Number: Form21_Indicator 08A

Field Name: S08_Race_Children5to9

Row Name: children 5 through 9

Column Name:

Year: 2013

Field Note:

Source: DHSS Vital Statistics. Provisional death numbers as of March 2012. Final numbers will be available in early 2013.

26. Section Number: Form21_Indicator 08A

Field Name: S08_Race_Children10to14

Row Name: children 10 through 14

Column Name:

Year: 2013

Field Note:

Source: DHSS Vital Statistics. Provisional death numbers as of March 2012. Final numbers will be available in early 2013.

27. Section Number: Form21_Indicator 08A

Field Name: S08_Race_Children15to19

Row Name: children 15 through 19

Column Name:

Year: 2013

Field Note:

Source: DHSS Vital Statistics. Provisional death numbers as of March 2012. Final numbers will be available in early 2013.

28. Section Number: Form21_Indicator 08A

Field Name: S08_Race_Children20to24

Row Name: children 20 through 24

Column Name:

Year: 2013

Field Note:

Source: DHSS Vital Statistics. Provisional death numbers as of March 2012. Final numbers will be available in early 2013.

29. Section Number: Form21_Indicator 08B

Field Name: S08_Ethnicity_Infants

Row Name: Infants 0 to 1

Column Name:

Year: 2013

Field Note:

Source: DHSS Vital Statistics. Provisional infant death numbers as of March 2012. Final numbers will be available in early 2013.

30. Section Number: Form21_Indicator 08B

Field Name: S08_Ethnicity_Children1to4

Row Name: children 1 through 4

Column Name:

Year: 2013

Field Note:

Source: DHSS Vital Statistics. Provisional death numbers as of March 2012. Final numbers will be available in early 2013.

31. Section Number: Form21_Indicator 08B

Field Name: S08_Ethnicity_Children5to9

Row Name: children 5 through 9

Column Name:

Year: 2013

Field Note:

Source: DHSS Vital Statistics. Provisional death numbers as of March 2012. Final numbers will be available in early 2013.

32. Section Number: Form21_Indicator 08B

Field Name: S08_Ethnicity_Children10to14

Row Name: children 10 through 14

Column Name:

Year: 2013

- Field Note:**
Source: DHSS Vital Statistics. Provisional death numbers as of March 2012. Final numbers will be available in early 2013.
33. **Section Number:** Form21_Indicator 08B
Field Name: S08_Ethnicity_Children15to19
Row Name: children 15 through 19
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics. Provisional death numbers as of March 2012. Final numbers will be available in early 2013.
34. **Section Number:** Form21_Indicator 08B
Field Name: S08_Ethnicity_Children20to24
Row Name: children 20 through 24
Column Name:
Year: 2013
Field Note:
Source: DHSS Vital Statistics. Provisional death numbers as of March 2012. Final numbers will be available in early 2013.
35. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_Children
Row Name: All children 0 through 19
Column Name:
Year: 2013
Field Note:
Source: Census Bureau, 2010 Census of Population.
36. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_SingleParentPercent
Row Name: Percent in household headed by single parent
Column Name:
Year: 2013
Field Note:
Source: US Census Bureau. American Community Survey 2010. Table B17010. The numerator was single parent households with children under 18 years of age and denominator was all households with children under 18 years of age.
37. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_TANFPercent
Row Name: Percent in TANF (Grant) families
Column Name:
Year: 2013
Field Note:
Number of TANF families aged 0-19 years served in State FY 2011 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.
38. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_MedicaidNo
Row Name: Number enrolled in Medicaid
Column Name:
Year: 2013
Field Note:
Non SCHIP Medicaid children 0-19 years of age served in State FY 2011: Missouri Department of Social Services, Research & Evaluation Unit.
39. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_SCHIPNo
Row Name: Number enrolled in SCHIP
Column Name:
Year: 2013
Field Note:
SCHIP Medicaid children 0-19 years of age served in State FY 2011: Missouri Department of Social Services, Research & Evaluation Unit.
40. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_FoodStampNo
Row Name: Number enrolled in food stamp program
Column Name:
Year: 2013
Field Note:
Number of food stamp recipients aged 0-19 years served in State FY 2011 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.
41. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_WICNo
Row Name: Number enrolled in WIC
Column Name:
Year: 2013
Field Note:
Number enrolled in WIC: Number of children aged <5 years enrolled in WIC in CY 2011. Data source: CDC. 2011 Pediatric Nutrition Surveillance System (PedNSS), Missouri - Summary of Demographic Indicators.
Race classifications defined for HSI # 9 are not completely comparable with those applied by the PedNSS data report. White category only included Non-Hispanic White; Black category only included Non-Hispanic Black; Asian category included Asian/Pacific Islander; Other and Unknown category (HSI#9A) included Hispanic and Other/Unknown categories.
42. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_JuvenileCrimeRate
Row Name: Rate (per 100,000) of juvenile crime arrests
Column Name:
Year: 2013
Field Note:
Source: Office of State Courts Administrator from calendar year 2010. Represents juvenile crime referrals only-not arrests.
43. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_DropOutPercent
Row Name: Percentage of high school drop-outs (grade 9 through 12)
Column Name:
Year: 2013
Field Note:

High school drop out rate is 2011 federal fiscal year (July 1, 2010-Sept 2011) from the Dept of Elementary & Secondary Education.

Highschool drop out rate is the number of dropouts divided by (September enrollment plus transfers in minus transfers out minus dropouts added to total September enrollment then divided by two).

44. **Section Number:** Form21_Indicator 09B
Field Name: HSIethnicity_Children
Row Name: All children 0 through 19
Column Name:
Year: 2013
Field Note:
Source:Census Bureau, 2010 Census of Population.
45. **Section Number:** Form21_Indicator 09B
Field Name: HSIethnicity_SingleParentPercent
Row Name: Percent in household headed by single parent
Column Name:
Year: 2013
Field Note:
Source: US Census Bureau. American Community Survey 2010. Table B17010. The numerator was single parent households with children under 18 years of age and denominator was all households with children under 18 years of age.
46. **Section Number:** Form21_Indicator 09B
Field Name: HSIethnicity_TANFPercent
Row Name: Percent in TANF (Grant) families
Column Name:
Year: 2013
Field Note:
Number of TANF recipients aged 0-19 years served in State FY 2011 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.
47. **Section Number:** Form21_Indicator 09B
Field Name: HSIethnicity_MedicaidNo
Row Name: Number enrolled in Medicaid
Column Name:
Year: 2013
Field Note:
Non SCHIP Medicaid children 0-19 years of age served in State FY 2011: Missouri Department of Social Services, Research & Evaluation Unit.
48. **Section Number:** Form21_Indicator 09B
Field Name: HSIethnicity_SCHIPNo
Row Name: Number enrolled in SCHIP
Column Name:
Year: 2013
Field Note:
SCHIP Medicaid children 0-19 years of age served in State FY 2011: Missouri Department of Social Services, Research & Evaluation Unit.
49. **Section Number:** Form21_Indicator 09B
Field Name: HSIethnicity_FoodStampNo
Row Name: Number enrolled in food stamp program
Column Name:
Year: 2013
Field Note:
Number of food stamp recipients aged 0-19 years served in State FY 2011 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.
50. **Section Number:** Form21_Indicator 09B
Field Name: HSIethnicity_WCNo
Row Name: Number enrolled in WC
Column Name:
Year: 2013
Field Note:
Number enrolled in WC: Number of children aged <5 years enrolled in WC in CY 2011. Data source: CDC. 2011 Pediatric Nutrition Surveillance System (PedNSS), Missouri - Summary of Demographic Indicators.
Race classifications defined for HSI # 9 are not completely comparable with those applied by the PedNSS data report. White category only included Non-Hispanic White; Black category only included Non-Hispanic Black; Asian category included Asian/Pacific Islander; Other and Unknown category (HSI#9A) included Hispanic and Other/Unknown categories.
51. **Section Number:** Form21_Indicator 09B
Field Name: HSIethnicity_JuvenileCrimeRate
Row Name: Rate (per 100,000) of juvenile crime arrests
Column Name:
Year: 2013
Field Note:
Source: Office of State Courts Administrator from calendar year 2010. Represents juvenile crime referrals only-not arrests.
52. **Section Number:** Form21_Indicator 09B
Field Name: HSIethnicity_DropOutPercent
Row Name: Percentage of high school drop-outs (grade 9 through 12)
Column Name:
Year: 2013
Field Note:
Hispanic/non-hispanic drop out rate is 2011 federal fiscal year (July 1, 2010-Sept 2011) from the Dept of Elementary & Secondary Education.

Highschool drop out rate is the number of dropouts divided by (September enrollment plus transfers in minus transfers out minus dropouts added to total September enrollment then divided by two).
53. **Section Number:** Form21_Indicator 10
Field Name: Metropolitan
Row Name: Living in metropolitan areas
Column Name:
Year: 2013
Field Note:
Source: U.S. Census, Population Estimate Branch. Metropolitan area is based on metropolitan statistical area counties in 2003.
54. **Section Number:** Form21_Indicator 10

Field Name: Urban
Row Name: Living in urban areas
Column Name:
Year: 2013
Field Note:
Source: U.S. Census Bureau. American Community Survey 2010.
The urban/rural number for 2010 was estimated using the 2010 population estimate and an estimated urban/rural split for 2010, which was extrapolated from the urban/rural splits for the 1990 and 2000 Census.

55. **Section Number:** Form21_Indicator 10

Field Name: Rural
Row Name: Living in rural areas
Column Name:
Year: 2013
Field Note:
Source: U.S. Census. American Community Survey 2010.

56. **Section Number:** Form21_Indicator 11

Field Name: S11_total
Row Name: Total Population
Column Name:
Year: 2013
Field Note:
Source: U.S. Census. Current Population Survey, Annual Social and Economic Supplement, 2011. Data represents 2010 population age 00-19
CPS Table Creator: <http://www.census.gov/cps/data/cpstablecreator.html>

57. **Section Number:** Form21_Indicator 11

Field Name: S11_50percent
Row Name: Percent Below: 50% of poverty
Column Name:
Year: 2013
Field Note:
Source: U.S. Census. Current Population Survey, Annual Social and Economic Supplement, 2011. Data represents 2010 population age 00-19
CPS Table Creator: <http://www.census.gov/cps/data/cpstablecreator.html>

58. **Section Number:** Form21_Indicator 11

Field Name: S11_100percent
Row Name: 100% of poverty
Column Name:
Year: 2013
Field Note:
Source: U.S. Census. Current Population Survey, Annual Social and Economic Supplement, 2011. Data represents 2010 population age 00-19
CPS Table Creator: <http://www.census.gov/cps/data/cpstablecreator.html>

59. **Section Number:** Form21_Indicator 11

Field Name: S11_200percent
Row Name: 200% of poverty
Column Name:
Year: 2013
Field Note:
Source: U.S. Census. Current Population Survey, Annual Social and Economic Supplement, 2011. Data represents 2010 population age 00-19
CPS Table Creator: <http://www.census.gov/cps/data/cpstablecreator.html>

60. **Section Number:** Form21_Indicator 12

Field Name: S12_Children
Row Name: Children 0 through 19 years old
Column Name:
Year: 2013
Field Note:
Source: U.S. Census. Current Population Survey, Annual Social and Economic Supplement, 2011. Data represents 2010 population age 00-19 in poverty universe.
CPS Table Creator: <http://www.census.gov/cps/data/cpstablecreator.html>

61. **Section Number:** Form21_Indicator 12

Field Name: S12_50percent
Row Name: Percent Below: 50% of poverty
Column Name:
Year: 2013
Field Note:
Source: U.S. Census. Current Population Survey, Annual Social and Economic Supplement, 2011. Data represents 2010 population age 00-19
CPS Table Creator: <http://www.census.gov/cps/data/cpstablecreator.html>

62. **Section Number:** Form21_Indicator 12

Field Name: S12_100percent
Row Name: 100% of poverty
Column Name:
Year: 2013
Field Note:
Source: U.S. Census. Current Population Survey, Annual Social and Economic Supplement, 2011. Data represents 2010 population age 00-19
CPS Table Creator: <http://www.census.gov/cps/data/cpstablecreator.html>

63. **Section Number:** Form21_Indicator 12

Field Name: S12_200percent
Row Name: 200% of poverty
Column Name:
Year: 2013
Field Note:
Source: U.S. Census. Current Population Survey, Annual Social and Economic Supplement, 2011. Data represents 2010 population age 00-19
CPS Table Creator: <http://www.census.gov/cps/data/cpstablecreator.html>

64. **Section Number:** Form21_Indicator 09A

Field Name: HSIRace_FosterCare
Row Name: Number living in foster home care
Column Name:

Year: 2013

Field Note:

Number of foster home care children aged 0-19 years served in State FY 2011 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.

65. Section Number: Form21_Indicator 09B

Field Name: HSIethnicity_FosterCare

Row Name: Number living in foster home care

Column Name:

Year: 2013

Field Note:

Number of foster home care children aged 0-19 years served in State FY 2011 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.