Title V Block Grant Application
Forms (2-21)
State: MO
Application Year: 2010

- 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 2004
- 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 2010

[Secs. 504 (d) and 505(a)(3)(4)]

STATE: MO

1. FEDERAL ALLOCATION $ 13,024,136
(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:

$ 4,430,442 (34.02 %)

B.Children with special health care needs:

$ 4,861,387 (37.33 %)

(If either A or B is less than 30%, a waiver request must accompany the application)[Sec. 505(a)(3)]

C.Title V admininstrative costs:

$ 1,277,166 (9.81 %)

(The above figure cannot be more than 10%)[Sec. 504(d)]

2. UNOBLIGATED BALANCE (Item 15b of SF 424) $ 0

3. STATE MCH FUNDS (Item 15c of the SF 424) $ 9,680,697

4. LOCAL MCH FUNDS (Item 15d of SF 424) $ 0

5. OTHER FUNDS (Item 15e of SF 424) $ 35,000

6. PROGRAM INCOME (Item 15f of SF 424) $ 1,000,000

7. TOTAL STATE MATCH (Lines 3 through 6) $ 10,715,697
(Below is your State's FY 1989 Maintainence of Effort Amount)
$ 9,987,230

8. FEDERAL-STATE TITLE V BLOCK GRANT PARTNERSHIP (SUBTOTAL) $ 23,739,833
(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:	$ 0
b. SSDI:	$ 100,000
c. CISS:	$ 0
d. Abstinence Education:	$ 885,593
e. Healthy Start:	$ 0
f. EMSC:	$ 0
g. WIC:	$ 134,825,574
h. AIDS:	$ 0
i. CDC:	$ 5,074,020
j. Education:	$ 0
k. Other:	
Early Childhood	$ 105,000
Newborn Screening	$ 150,000
Traumatic Brain Inj	$ 135,958

10. OTHER FEDERAL FUNDS (SUBTOTAL of all Funds under item 9) $ 141,276,145

11. STATE MCH BUDGET TOTAL $ 165,015,978
(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)(I-3)]

STATE: MO

	FY 2005		FY 2006		FY 2007	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
1. Federal Allocation *(Line1, Form 2)*	$ 16,873,203	$ 15,424,344	$ 14,575,000	$ 13,498,620	$ 13,999,710	$ 12,016,312
2. Unobligated Balance *(Line2, Form 2)*	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
3. State Funds *(Line3, Form 2)*	$ 12,619,902	$ 12,270,795	$ 10,915,250	$ 10,472,763	$ 10,483,783	$ 10,094,959
4. Local MCH Funds *(Line4, Form 2)*	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
5. Other Funds *(Line5, Form 2)*	$ 35,000	$ 0	$ 16,000	$ 11,700	$ 16,000	$ 34,563
6. Program Income *(Line6, Form 2)*	$ 1,000,000	$ 1,256,511	$ 1,000,000	$ 1,210,790	$ 1,000,000	$ 1,301,478
7. Subtotal *(Line8, Form 2)*	$ 30,528,105	$ 28,951,650	$ 26,506,250	$ 25,193,873	$ 25,499,493	$ 23,447,312
	(THE FEDERAL-STATE TITLE BLOCK GRANT PARTNERSHIP)					
8. Other Federal Funds *(Line10, Form 2)*	$ 86,904,809	$ 103,397,806	$ 115,854,535	$ 105,324,359	$ 119,525,914	$ 117,127,747
9. Total *(Line11, Form 2)*	$ 117,432,914	$ 132,349,456	$ 142,360,785	$ 130,518,232	$ 145,025,407	$ 140,575,059
	(STATE MCH BUDGET TOTAL)					

FORM 3

STATE MCH FUNDING PROFILE

[Secs. 505(a) and 506((a)(I-3)]

STATE: MO

	FY 2008		FY 2009		FY 2010	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
1. Federal Allocation *(Line1, Form 2)*	$ 13,406,174	$ 12,739,380	$ 14,185,831	$	$ 13,024,136	$
2. Unobligated Balance *(Line2, Form 2)*	$ 0	$ 0	$ 0	$	$ 0	$
3. State Funds *(Line3, Form 2)*	$ 10,019,631	$ 9,978,402	$ 10,614,374	$	$ 9,680,697	$
4. Local MCH Funds *(Line4, Form 2)*	$ 0	$ 0	$ 0	$	$ 0	$
5. Other Funds *(Line5, Form 2)*	$ 35,000	$ 0	$ 25,000	$	$ 35,000	$
6. Program Income *(Line6, Form 2)*	$ 1,000,000	$ 1,142,624	$ 1,000,000	$	$ 1,000,000	$
7. Subtotal *(Line8, Form 2)*	$ 24,460,805	$ 23,860,406	$ 25,825,205	$ 0	$ 23,739,833	$ 0
	(THE FEDERAL-STATE TITLE BLOCK GRANT PARTNERSHIP)					
8. Other Federal Funds *(Line10, Form 2)*	$ 120,627,916	$ 129,713,630	$ 120,774,626	$	$ 141,276,145	$
9. Total *(Line11, Form 2)*	$ 145,088,721	$ 153,574,036	$ 146,599,831	$ 0	$ 165,015,978	$ 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: 2007
   Field Note:
   See budget narrative V.A. Expenditures

2. **Section Number:** Form3_Main
   Field Name: StateMCHFundsExpended
   Row Name: State Funds
   Column Name: Expended
   Year: 2007
   Field Note:
   See budget narrative V.A. Expenditures

3. **Section Number:** Form3_Main
   Field Name: OtherFundsExpended
   Row Name: Other Funds
   Column Name: Expended
   Year: 2008
   Field Note:
   Expenditures from the Smith Memorial Funds for direct care services were less than anticipated.

4. **Section Number:** Form3_Main
   Field Name: OtherFundsExpended
   Row Name: Other Funds
   Column Name: Expended
   Year: 2007
   Field Note:
   Increased budget for Smith Memorial, Additional funds expended.

5. **Section Number:** Form3_Main
   Field Name: ProgramIncomeExpended
   Row Name: Program Income
   Column Name: Expended
   Year: 2008
   Field Note:
   Medicaid program income for the HCY program was greater than budgeted.

6. **Section Number:** Form3_Main
   Field Name: ProgramIncomeExpended
   Row Name: Program Income
   Column Name: Expended
   Year: 2007
   Field Note:
   Increased budget for Medicaid Program Income

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 2005		FY 2006		FY 2007	
I. Federal-State MCH Block Grant Partnership	**BUDGETED**	**EXPENDED**	**BUDGETED**	**EXPENDED**	**BUDGETED**	**EXPENDED**
a. Pregnant Women	$ 1,714,004	$ 1,452,834	$ 1,452,883	$ 1,282,321	$ 1,391,213	$ 1,328,130
b. Infants < 1 year old	$ 3,857,992	$ 3,584,403	$ 2,207,612	$ 2,309,845	$ 1,988,269	$ 1,743,700
c. Children 1 to 22 years old	$ 10,894,027	$ 10,432,049	$ 9,423,913	$ 9,165,123	$ 9,286,759	$ 8,653,658
d. Children with Special Healthcare Needs	$ 8,879,170	$ 8,393,530	$ 8,459,227	$ 8,102,039	$ 8,081,268	$ 7,591,866
e. Others	$ 3,858,592	$ 3,636,030	$ 3,505,115	$ 3,070,898	$ 3,352,026	$ 2,941,804
f. Administration	$ 1,324,320	$ 1,452,804	$ 1,457,500	$ 1,263,647	$ 1,399,958	$ 1,188,154
g. SUBTOTAL	$ 30,528,105	$ 28,951,650	$ 26,506,250	$ 25,193,873	$ 25,499,493	$ 23,447,312
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	$ 904,531		$ 904,531		$ 885,593	
e. Healthy Start	$ 0		$ 0		$ 0	
f. EMSC	$ 0		$ 0		$ 0	
g. WIC	$ 84,282,004		$ 113,262,676		$ 111,804,230	
h. AIDS	$ 0		$ 0		$ 1,170,399	
i. CDC	$ 1,002,720		$ 1,246,328		$ 5,388,192	
j. Education	$ 0		$ 0		$ 0	
k.Other						
Newborn Screening	$ 0		$ 150,000		$ 112,500	
Oral Healthcare	$ 0		$ 65,000		$ 65,000	
Early Childhood	$ 0		$ 126,000		$ 0	
HRSA Newborn Hearing	$ 521,994		$ 0		$ 0	
HRSA Women Health	$ 93,560		$ 0		$ 0	
III. SUBTOTAL	$ 86,904,809		$ 115,854,535		$ 119,525,914	

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	
I. Federal-State MCH Block Grant Partnership	**BUDGETED**	**EXPENDED**	**BUDGETED**	**EXPENDED**	**BUDGETED**	**EXPENDED**
a. Pregnant Women	$ 1,474,115	$ 1,351,286	$ 1,782,078	$	$ 1,486,073	$
b. Infants < 1 year old	$ 1,902,356	$ 1,609,223	$ 1,950,833	$	$ 1,749,461	$
c. Children 1 to 22 years old	$ 8,510,783	$ 9,139,637	$ 9,365,476	$	$ 8,812,755	$
d. Children with Special Healthcare Needs	$ 8,203,383	$ 7,437,351	$ 8,252,474	$	$ 7,418,103	$
e. Others	$ 3,029,671	$ 3,065,582	$ 3,075,226	$	$ 2,996,275	$
f. Administration	$ 1,340,497	$ 1,257,327	$ 1,399,118	$	$ 1,277,166	$
g. SUBTOTAL	$ 24,460,805	$ 23,860,406	$ 25,825,205	$ 0	$ 23,739,833	$ 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	$ 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.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 NOTES FOR FORM 4

Lab expenditures not utilized due to completion of system. Reduction in PS, fringe, and allocations due to vacancies.

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: 2009
   Field Note:
   Additional funds budgeted for Alternatives to Abortion

2. **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: 2008
   Field Note:
   Lab expenditures not utilized due to completion of system. Reduction in PS, fringe, and allocations due to vacancies.

3. **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: 2007
   Field Note:
   Match funds originally budgeted for Expanded NBS Lab not expended

4. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
   Field Name: Children_1_22Budgeted
   Row Name: Children 1 to 22 years old
   Column Name: Budgeted
   Year: 2009
   Field Note:
   Additional funds for SAFE CARE Network. Increase in personnel expenditures and related fringe benefits due to reorganization and realignment of duties.

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: 2007
   Field Note:
   More funds budgeted for School Health than expended

6. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
   Field Name: CSHCNExpended
   Row Name: CSHCN
   Column Name: Expended
   Year: 2007
   Field Note:
   Delays in filling positions and realignment of job duties due to reorganization resulted in reduced personnel expenditures and associated fringe benefits.

7. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
   Field Name: AllOthersExpended
   Row Name: All Others
   Column Name: Expended
   Year: 2007
   Field Note:
   Delays in filling positions and realignment of job duties due to reorganization resulted in reduced personnel expenditures and associated fringe benefits.

8. **Section Number:** Form4_I. Federal-State MCH Block Grant Partnership
   Field Name: AdminExpended
   Row Name: Administration
   Column Name: Expended
   Year: 2007
   Field Note:
   Budgeted funds not fully expended resulted in less Administration costs applicable

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 2005		FY 2006		FY 2007	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
I. Direct Health Care Services (Basic Health Services and Health Services for CSHCN.)	$ 1,120,982	$ 1,177,798	$ 1,080,232	$ 1,035,249	$ 1,169,430	$ 1,134,222
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.)	$ 6,162,498	$ 5,784,137	$ 5,990,192	$ 5,898,765	$ 5,978,322	$ 5,893,707
III. Population-Based Services (Newborn Screening, Lead Screening, Immunization, Sudden Infant Death Syndrome Counseling, Oral Health, Injury Prevention, Nutrition, and Outreach/Public Education.)	$ 13,829,028	$ 13,206,333	$ 11,085,485	$ 10,966,078	$ 10,197,736	$ 9,166,234
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.)	$ 9,415,597	$ 8,783,382	$ 8,350,341	$ 7,293,781	$ 8,154,005	$ 7,253,149
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.)	$ 30,528,105	$ 28,951,650	$ 26,506,250	$ 25,193,873	$ 25,499,493	$ 23,447,312

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	$	$ 565,107	$
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	$	$ 5,899,004	$
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	$	$ 8,875,575	$
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	$	$ 8,400,147	$
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	$ 0	$ 23,739,833	$ 0

FORM NOTES FOR FORM 5

None

FIELD LEVEL NOTES

1. **Section Number:** Form5_Main
   Field Name: PopBasedExpended
   Row Name: Population-Based Services
   Column Name: Expended
   Year: 2007
   Field Note:
   Reduced expenditures for Genetic Tertiary Centers adn MCH Contracts

2. **Section Number:** Form5_Main
   Field Name: InfrastrBuildBudgeted
   Row Name: Infrastructure Building Services
   Column Name: Budgeted
   Year: 2009
   Field Note:
   Additional funds budgeted for SAFE CARE Network. Additional funds budgeted due to increase in personnel costs and related fringe benefits.

3. **Section Number:** Form5_Main
   Field Name: InfrastrBuildExpended
   Row Name: Infrastructure Building Services
   Column Name: Expended
   Year: 2007
   Field Note:
   Delays in filling positions and realignment of job duties due to reorganization resulted in reduced personnel expenditures and associated fringe benefits.

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: 80,868

Reporting Year: 2008

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	80,753	99.9	5	5	5	100
Congenital Hypothyroidism	80,753	99.9	64	35	35	100
Galactosemia	80,753	99.9	28	0	0	
Sickle Cell Disease	80,753	99.9	35	35	34	97.1
Other Screening (Specify)						
Congenital Adrenal Hyperplasia	80,753	99.9	107	5	5	100
Cystic Fibrosis	80,753	99.9	78	25	25	100
Organic Acid Disorders	80,753	99.9	21	9	9	100
Amino Acid Disorders (excluding PKU)	80,753	99.9	29	6	6	100
Fatty acid Disorders	80,753	99.9	38	21	20	95.2
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

Total receiving at least one screen (Column A) is total born and screened in 2008.

Fatty Acid Disorders - an infant who had a positive newborn screen for MCAD died from complications of MCAD soon after confirmation.

FIELD LEVEL NOTES

1. **Section Number:** Form6_Main
   Field Name: BirthOccurence
   Row Name: Total Births By Occurence
   Column Name: Total Births By Occurence
   Year: 2010
   Field Note:
   Number of live births of Missouri residents. 2008 provisional data as of April, 2009.Source:DHSS Vital Statistics. Final birth number available October, 2009.

2. **Section Number:** Form6_Main
   Field Name: Phenylketonuria_Presumptive
   Row Name: Phenylketonuria
   Column Name: Presumptive positive screens
   Year: 2010
   Field Note:
   Five with presumptive positive screens were all confirmed.

3. **Section Number:** Form6_Main
   Field Name: SickleCellDisease_Presumptive
   Row Name: SickleCellDisease
   Column Name: Presumptive positive screens
   Year: 2010
   Field Note:
   Thirty five with presumptive positive screens were all confirmed.

4. **Section Number:** Form6_Main
   Field Name: Phenylketonuria_Confirmed
   Row Name: Phenylketonuria
   Column Name: Confirmed Cases
   Year: 2010
   Field Note:
   Five with presumptive positive screens were all confirmed.

5. **Section Number:** Form6_Main
   Field Name: SickleCellDisease_Confirmed
   Row Name: SickleCellDisease
   Column Name: Confirmed Cases
   Year: 2010
   Field Note:
   Thirty five with presumptive positive screens were all confirmed.

6. **Section Number:** Form6_Other Screening Types
   Field Name: Other
   Row Name: All Rows
   Column Name: All Columns
   Year: 2010
   Field Note:
   Fatty Acid Disorders-an infant who had a positive newborn screen for MCAD died from complication to MCAD soon after confirmation.

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

Reporting Year: 2008

	TITLE V	PRIMARY SOURCES OF COVERAGE				
Types of Individuals Served	**(A) Total Served**	**(B) Title XIX %**	**(C) Title XXI %**	**(D) Private/Other %**	**(E) None %**	**(F) Unknown %**
Pregnant Women	43,158	100.0				
Infants < 1 year old	80,753	47.5		38.8	13.7	
Children 1 to 22 years old	394,484	27.0		60.6	12.4	
Children with Special Healthcare Needs	4,366	89.8		4.6	5.6	
Others	17,991	7.3		73.8	18.9	
TOTAL	540,752					

FORM NOTES FOR FORM 7

None

FIELD LEVEL NOTES

1. **Section Number:** Form7_Main
   Field Name: PregWomen_TS
   Row Name: Pregnant Women
   Column Name: Title V Total Served
   Year: 2010
   Field Note:
   Mothers served Home Visiting, FFY 2008 : 468 MCBHV
   Mothers receiving home visiting services thru Building Blocks of Mo program 378 MCBHV
   Number of women receiving prenatal care through community health centers, Final CY 2007 8,317(duplicates possible);
   Alternatives to Abortion, SFY 2008: 2,124;
   Healthy Babies (BYB) – Baby Your Baby Keepsake Books distributed: 31,871
   Total: 43,158 (duplicates possible)

2. **Section Number:** Form7_Main
   Field Name: PregWomen_XIX
   Row Name: Pregnant Women
   Column Name: Title XIX %
   Year: 2010
   Field Note:
   Percent of Title XIX is assumed to be 100% of all Title V pregnant women served in 2008.

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: 2010
   Field Note:
   Infants served Home Visiting, FFY 2008: 171 MCBHV + 250 Building Blocks;
   Metabolic Screenings, CY 2008: 80,753;
   Newborn Hearing Screening, CY 2008 (provisional): 79,725;
   Alternatives to Abortion births, SFY 2008: 621;
   Unduplicated Total: 80,753

   .

4. **Section Number:** Form7_Main
   Field Name: Children_0_1_XIX
   Row Name: Infants <1 year of age
   Column Name: Title XIX %
   Year: 2010
   Field Note:
   Percent of health coverage for infants <1 year old is estimated by a surrogate measure "Percent of live births to mothers with MoHealth Net coverage during pregnancy", obtained from provisional 2008 Birth File, Dept of Health & Senior Services, Vital Statistics.

5. **Section Number:** Form7_Main
   Field Name: Children_0_1_Private
   Row Name: Infants <1 year of age
   Column Name: Private/Other %
   Year: 2010
   Field Note:
   Percent of private/other health coverage for infants <1 year old is estimate of total minus (MoHealth Net coverage and those with no insurance)

6. **Section Number:** Form7_Main
   Field Name: Children_0_1_None
   Row Name: Infants <1 year of age
   Column Name: None %
   Year: 2010
   Field Note:
   Percent of uninsured health coverage for infants <1 year old is estimate by a surrogate measure of 'no insurance' from US Census Bureau. Current Population Survey 2008, Annual Social & Economic Supplement, 2008.

   .

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: 2010
   Field Note:
   Adolescent Health (age 12-17), FFY 2008: 7275;
   Teen Outreach Program (age 11-15), FFY 2008: 165;
   Safe Kids, FFY 2008: 94,230;
   Think First, FFY 2008: 17,197;
   School Health, FFY 2008: 272,859 (Increase from 2007 number due to MCH funded capacity building contract integrated into larger school health service contract serving additional school districts);
   Central Missouri Fetal Alcohol Syndrome Center, FFY 2008: 21 children evaluated;
   SAFE-exams reported to DHSS, FFY 2008: 2,737;
   Total: 394,484 (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: 2010
   Field Note:
   Percent of Title XIX coverage is estimated by a surrogate measure "MoHealth Net Health coverage status for ages 1-22", obtained from the US Census Bureau. Current Population Survey 2008, Annual Social & Economic Supplement, 2008.

9. **Section Number:** Form7_Main

Field Name: Children_1_22_XXI
Row Name: Children 1 to 22 years of age
Column Name: Title XXI %
Year: 2010
Field Note:
,

10. **Section Number:** Form7_Main
Field Name: Children_1_22_Private
Row Name: Children 1 to 22 years of age
Column Name: Private/Other %
Year: 2010
Field Note:
Percent of private/other health coverage for children age 1-22 is an estimate of total minus (MoHealth Net coverage and those with no insurance)

11. **Section Number:** Form7_Main
Field Name: Children_1_22_None
Row Name: Children 1 to 22 years of age
Column Name: None %
Year: 2010
Field Note:
Percent of uninsured health coverage for persons 1-22 years old is estimate by a surrogate measure of 'no insurance' from US Census Bureau. Current Population Survey 2008, Annual Social & Economic Supplement, 2008.

12. **Section Number:** Form7_Main
Field Name: CSHCN_TS
Row Name: Children with Special Health Care Needs
Column Name: Title V Total Served
Year: 2010
Field Note:
Children with Special Health Care Needs (CSHCN/Hope), SFY 2008: 808,
Children with Special Health Care Needs (Service Coordination Only), SFY 2008: 659,
Children with Special Health Care Needs (Healthy Children and Youth), SFY 2008: 2,899;
Total: 4,366(duplicate possible).

13. **Section Number:** Form7_Main
Field Name: CSHCN_XIX
Row Name: Children with Special Health Care Needs
Column Name: Title XIX %
Year: 2010
Field Note:
Percent of Title XIX children with special health care needs provided by Bureau of Special Health Care Needs, DHSS.

14. **Section Number:** Form7_Main
Field Name: CSHCN_Private
Row Name: Children with Special Health Care Needs
Column Name: Private/Other %
Year: 2010
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.

15. **Section Number:** Form7_Main
Field Name: CSHCN_None
Row Name: Children with Special Health Care Needs
Column Name: None %
Year: 2010
Field Note:
Percent of children with special health care needs with no insurance coverage in 2008 provided by Bureau of Special Health Care Needs, DHSS.

16. **Section Number:** Form7_Main
Field Name: AllOthers_TS
Row Name: Others
Column Name: Title V Total Served
Year: 2010
Field Note:
Nurse Training Programs, FFY 2008: 701;
Nurses Receiving Training Materials, FFY 2008: 169;
Trained in Home Visiting Training programs, FFY 2008: 65
Trained in FAS related training, FFY 2008: 20 (20 health care providers)
Health care providers who were introduced to smoking cessation information, CY 2008: 130;
Health care providers, foster parents, professionals receiving training on "Current Adolescent Health Issues" and healthy youth development, FFY 2008: 695;
Health care providers, school personnel, and other youth serving professionals receiving the "Adolescent Shorts" newsletter, FFY 2008: 6,000;
Childcare providers receiving training/consultation regarding CSHCN through MO Child Care Health Consultation Program, FFY 2008:
At least 1,501 attendees for group training
At least 43 receiving 1:1 consultation
56 receiving phone call consultation
Childcare providers receiving training on inclusion services for children with special needs, FFY 2008: 3,152
Number of parents receiving technical assistance for:
Children with special needs, FFY 2008: 366
MoHealthNet+ (for special needs), FFY 2008: 1063
Community request for education on special needs, FFY 2008: 157
Direct contacts made during community awareness activities, FFY 2008: 4,337
Number of families receiving special health care needs publications, FFY 2008: 1,295
On site inclusion technical assistance visits with child care providers FFY
2008: 816
Total: 17,991 (duplicate possible)

17. **Section Number:** Form7_Main
Field Name: AllOthers_XIX
Row Name: Others
Column Name: Title XIX %
Year: 2010
Field Note:
Percent of Title X1X coverage is estimated by a surrogate measure "MoHealth Net Health coverage status for ages 18-64", obtained from the US Census Bureau. Current Population Survey 2008, Annual Social & Economic Supplement, 2008.

18. **Section Number:** Form7_Main
Field Name: AllOthers_Private
Row Name: Others
Column Name: Private/Other %
Year: 2010
Field Note:
Percent of private/other health insurance coverage is estimated by a surrogate measure "MoHealth Net Health coverage status for ages 18-64", obtained from the US Census Bureau. Current Population Survey 2008, Annual Social & Economic Supplement, 2008.

19. **Section Number:** Form7_Main
Field Name: AllOthers_None
Row Name: Others
Column Name: None %
Year: 2010
Field Note:
Percent of no health insurance coverage is estimated by a surrogate measure "MoHealth Net Health coverage status for ages 18-64", obtained from the US Census Bureau. Current Population Survey 2008, Annual Social & Economic Supplement, 2008.

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: 2008

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	81,361	65,309	12,647	420	1,311	876	130	668
Title V Served	81,361	65,309	12,647	420	1,311	876	130	668
Eligible for Title XIX	38,209	27,833	8,977	269	343	291	74	422
INFANTS								
Total Infants in State	80,868	64,997	12,508	418	1,286	874	130	655
Title V Served	80,868	64,997	12,508	418	1,286	874	130	655
Eligible for Title XIX	37,989	27,698	8,907	269	332	290	74	419

II. UNDUPLICATED COUNT BY ETHNICITY

				HISPANIC OR LATINO (Sub-categories by country or area of origin)				
	(A) Total NOT Hispanic or Latino	(B) Total Hispanic or Latino	(C) Ethnicity Not Reported	(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	76,659	4,549	153					4,549
Title V Served	76,659	4,549	153					4,549
Eligible for Title XIX	35,342	2,831	36					2,831
INFANTS								
Total Infants in State	76,209	4,519	140					4,519
Title V Served	76,209	4,519	140					4,519
Eligible for Title XIX	35,142	2,816	31					2,816

FORM NOTES FOR FORM 8

None

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: 2010
   Field Note:
   Source: DHSS Vital Statistics. Provisional 2008 total births as of April, 2009. Final numbers will be available November, 2009.

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: 2010
   Field Note:
   Source: DHSS Vital Statistics. Provisional 2008 total live births as of April, 2009. Final numbers will be available November, 2009.

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

	FY 2010	FY 2009	FY 2008	FY 2007	FY 2006
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) 522-2891	(573) 522-2891	(573) 522-2891	(573) 751-6218
5. Contact Person's Email	Peggy.Henderson@dhss				
6. Number of calls received on the State MCH "Hotline" this reporting period	0	0	2,617	2,509	2,574

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

	FY 2010	FY 2009	FY 2008	FY 2007	FY 2006
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 NOTES FOR FORM 9

None

FIELD LEVEL NOTES

1. **Section Number:** Form9_Main
   Field Name: calls_2
   Row Name: Number of calls received On the State MCH Hotline This reporting period
   Column Name: FY
   Year: 2008
   Field Note:
   Total calls received in SFY 2008: 2,617
   Total Website hits CY 2008: 8,032

FORM 10
TITLE V MATERNAL & CHILD HEALTH SERVICES BLOCK GRANT
STATE PROFILE FOR FY 2010
[SEC. 506(A)(1)]
STATE: MO

1. State MCH Administration:
(max 2500 characters)

The administration of the MCH Block Grant is under the direction of the Administrator of the Section for Healthy Families and Youth (HFY), with oversight from the Director of the Division of Community and Public Health within the Missouri Department of Health and Senior Services. The Title V program supports needs assessment and activities designed to improve the health status of women, particularly mothers and women of reproductive age, and infants and children, including children with special health care needs. Funds are directed to supporting essential Maternal and Child Health services and prevention programs. Services under Title V administrative control include Missouri School Health Services Program, injury prevention activities, and the Adult Head Injury Services program. Numerous other programs and services funded through the MCH Block Grant, general revenue, and other funds are under the Title V Director's control and include Medicaid case management services, Elks Mobile Dental Unit, Chronic Disease Prevention, Environmental and Communicable Disease Control and others.

Block Grant Funds	
2. Federal Allocation (Line 1, Form 2)	$ 13,024,136
3. Unobligated balance (Line 2, Form 2)	$ 0
4. State Funds (Line 3, Form 2)	$ 9,680,697
5. Local MCH Funds (Line 4, Form 2)	$ 0
6. Other Funds (Line 5, Form 2)	$ 35,000
7. Program Income (Line 6, Form 2)	$ 1,000,000
8. Total Federal-State Partnership (Line 8, Form 2)	$ 23,739,833

9. Most significant providers receiving MCH funds:

Local Public Health Agencies
Home Visiting Agencies
Genetic Tertiary Centers

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

a. Pregnant Women	43,158
b. Infants < 1 year old	80,753
c. Children 1 to 22 years old	394,484
d. CSHCN	4,366
e. Others	17,991

11. Statewide Initiatives and Partnerships:

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

Children with Special Health Care Needs Programs contract with physicians and other health care professionals who provide local services to participants. Services include specialty and sub-specialty care on an outpatient or in-patient basis, medication, lab, x-ray, therapies and surgical care. The program is administered by the Bureau of Special Health Care Needs. Home Visiting Programs are implemented by community-based contractors who work collaboratively with other community resources to provide services to "at-risk" perinatal and early childhood families to improve parent and child outcomes.

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

Maternal and Child Health (MCH) Program: The MCH program provides funding through contract for 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 are working collaboratively with the local Family Support Division offices, schools, child care providers, WIC, community organizations, private physicians, and others to identify and refer uninsured children to Medicaid and children with special health care needs to services they need. Adolescent Health is addressed by the Department of Health and Senior Services working with the Council for Adolescent and School Health (CASH). Injury prevention is promoted by the Department through staff support of the State Injury Prevention Advisory Committee which consists of state agencies, regional groups, and local agencies who all support initiatives to prevent and reduce injuries in Missouri. Other Population-Based Services include Injury Prevention, Folic Acid and Healthy Babies Education.

c. Infrastructure Building Services:
(max 2500 characters)

Managed Care Plus Quality Assessment and Improvement (MC+ QA&I) is a committee composed of members from both public and private sectors formed to assure access to quality services within the Medicaid managed care plans in Missouri. This committee evaluates health indicators and best practices for intervention strategies to be implemented in the Medicaid managed care plans in Missouri. Infrastructure Building Services includes the SAFE KIDS coalition, the Early Childhood Comprehensive Systems (ECCS) Coalition, the Pregnancy Risk Assessment Monitoring System (PRAMS), and the Missouri Fetal Alcohol Syndrome Rural Awareness and Prevention Project (MOFASRAPP).

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

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

Name	Gary Harbison
Title	SHCN Director
Address	SHCN, DCPH, MO Dept of Health and Senior Services

City	Jefferson City	City	Jefferson City
State	Missouri	State	Missouri
Zip	65109	Zip	65109
Phone	573-751-6253	Phone	573-751-6246
Fax	573-751-6185	Fax	573-751-6237
Email	Melinda.Sanders@dhss.mo.gov	Email	Gary.Harbison@dhss.mo.gov
Web		Web	

FORM NOTES FOR FORM 10

None

FIELD LEVEL NOTES

None

FORM 11
TRACKING PERFORMANCE MEASURES
[SECS 485 (2)(2)(B)(III) AND 486 (A)(2)(A)(III)]
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.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	100	100	100	100	100
Annual Indicator	100.0	92.4	99.2	96.2	98.6
Numerator	73	85	127	101	139
Denominator	73	92	128	105	141
Data Source					DHSS Bureau of Genetics and Healthy Childhood.
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	100	100	100	100	100
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #1
   Field Name: PM01
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: MO DHSS Bureau of Genetics and Healthy Childhood. Fatty Acid disorder infant who had a positive newborn screen for MCAD died from complications to MCAD soon after confirmation.

2. **Section Number:** Form11_Performance Measure #1
   Field Name: PM01
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Decreasing percentages since 2005 are partially attributed to the increased number of conditions screened and the complexity of the follow up testing that leads to diagnosis which may require several months for completion.

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)

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	61.8	64.1	57.2	57.2	64.5
Annual Indicator	57.2	64.1	64.1	64.1	64.1
Numerator					
Denominator					
Data Source					National Survey of 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?				Provisional	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	64.7	64.9	65.1	65.3	65.5
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #2
   Field Name: PM02
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Indicator data comes from the National Survey of CSHCN conducted by HRSA and CDC, 2005-2006. The next National Survey of CSHCN 2010 data release is fall, 2011.

   The 2005-2006 percentage 64.1% in Missouri was close to the 90th percentile state level of 64.2%, and significantly higher than the national figure of 57.4%.

   Trend analysis cannot be done until future data becomes available. An annual increase of 0.2% was chosen to create 2009-2013 objectives, based on past performance 2001 and 2005-2006, comparisons to other states, and discussions with the Bureau of Special Health Care Needs, MO DHSS.

2. **Section Number:** Form11_Performance Measure #2
   Field Name: PM02
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Indicator data comes from the National Survey of CSHCN, conducted by HRSA and CDC, 2005-2006. The same questions were used to generate the NPM02 indicator for both the 2001 and the 2005-2006 CSHCN survey, and data were comparable across the two time periods

   Only two points of data are available, which prevent capacity of performing trend analysis. The 2005-2006 percentage in Missouri (64.1%) was close to the 90th percentile state level of 64.2%. An annual increase of 0.2% was chosen starting from 2006 to create 2008-2012 objectives, based on past performance 2001 and 2005-2006, comparisons to other states, and discussions with the Bureau of Special Health Care Needs, MO DHSS.

3. **Section Number:** Form11_Performance Measure #2
   Field Name: PM02
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   The data reported in 2006 are pre-populated with the data from 2005 for this performance measure. 2005-2006 data from the National Survey of Children with Special Health Care Needs will be available Fall of 2007.

   Updated field note as of May, 2008: The data in 2006 are updated with data from the National Survey of Children with Special Health Care Needs conducted by HRSA and CDC in 2005-2006.

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)

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	58.6	59.6	60.6	61.6	52.2
Annual Indicator	55.7	51.8	51.8	51.8	51.8
Numerator					
Denominator					
Data Source					National Survey of 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?				Provisional	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	52.4	52.6	52.8	53	53.2
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:** Form11_Performance Measure #3
   Field Name: PM03
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Indicator data comes from the National Survey of CSHCN conducted by HRSA and CDC, 2005-2006. The next National Survey of CSHCN 2010 data release is fall, 2011.

   The 2005-2006 percentage 51.8% in Missouri was close to the 75th percentile state level, and significantly higher than the national figure of 47.1%

   Trend analysis cannot be done until future data becomes available.
   An annual increase of 0.2% was chosen to create 2009-2013 objectives, based on data 2005-2006, comparisons to other states, and discussions with the Bureau of Special Health Care Needs, MO DHSS.

2. **Section Number:** Form11_Performance Measure #3
   Field Name: PM03
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Indicator data comes from the National Survey of CSHCN, conducted by HRSA and CDC, 2005-2006. Compared to the 2001 CSHCN survey, there were wording changes, skip pattern revisions and additions to the questions used to generate the NPM03 indicator for the 2005-2006 CSHCN survey. The data for the two surveys are not comparable for PM #03.

   Trend analysis cannot be conducted until we have future data available. The 2005-2006 percentage in Missouri (51.8%) was close to the 75th percentile state level of 51.6%. An annual increase of 0.2% was chosen starting from 2006 to create 2008-2012 objectives, based on comparisons to other states, and discussions with the Bureau of Special Health Care Needs, MO DHSS.

3. **Section Number:** Form11_Performance Measure #3
   Field Name: PM03
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   The data reported in 2006 are pre-populated with the data from 2005 for this performance measure. 2005-2006 data from the National Survey of Children with Special Health Care Needs will be available Fall of 2007.

   Updated field note as of May 2008: The data in 2005 are updated with data from the National Survey of Children with Special Health Care Needs conducted by HRSA and CDC, 2005-2006.

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)

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	67.2	67.8	68.4	69	64.8
Annual Indicator	66	64.8	64.8	64.8	64.8
Numerator					
Denominator					
Data Source					National Survey of 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?				Provisional	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	64.8	65	65	65	65.2
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #4
   Field Name: PM04
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Indicator data comes from the National Survey of CSHCN conducted by HRSA and CDC, 2005-2006. The next National Survey of CSHCN 2010 data release is fall, 2011.

   The percentage in Missouri in 2005-2006 (64.8%) was at the 65th percentile state level and slightly higher than the national level of 62%. Although there was a slight decrease in the measure from 2001 to 2005-06 in MO, the decrease was not statistically significant.

   Trend analysis cannot be done until future data becomes available. With consideration of the economic environment and potential policy changes, it is difficult to make predictions on this measure. 2009-2013 objectives were based on data 2005-2006 and 2001, comparisons to other states, and discussions with the Bureau of Special Health Care Needs, MO DHSS.

2. **Section Number:** Form11_Performance Measure #4
   Field Name: PM04
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Indicator data comes from the National Survey of CSHCN, conducted by HRSA and CDC, 2005-2006. The same questions were used to generate the NPM04 indicator for both the 2001 and the 2005-2006 CSHCN survey, and the data were comparable across the two time periods.

   Only two points of data are available, which prevent capacity of performing trend analysis. The 2005-06 percentage in Missouri (64.8%) was at the 65th percentile state level. In light of potential changes in policy and other environmental factors, it is difficult to make predictions on this measure. 2008-2012 objectives were chosen, based on comparisons to other states, and discussions with the Bureau of Special Health Care Needs, MO DHSS.

3. **Section Number:** Form11_Performance Measure #4
   Field Name: PM04
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   The data reported in 2006 are pre-populated with the data from 2005 for this performance measure. 2005-2006 data from the National Survey of Children with Special Health Care Needs will be available Fall of 2007.

   Updated field note as of May 2008: The data in 2005 are updated with data from the National Survey of Children with Special Health Care Needs conducted by HRSA and CDC, 2005-2006.

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)

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	78.4	80	81.6	83.2	90.5
Annual Indicator	75.2	90.1	90.1	90.1	90.1
Numerator					
Denominator					
Data Source					National Survey of 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?				Provisional	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	90.7	90.9	91.1	91.3	91.5
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #5
   Field Name: PM05
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Indicator data comes from the National Survey of CSHCN conducted by HRSA and CDC, 2005-2006. The next National Survey of CSHCN 2010 data release is fall 2011.

   The percentage in Missouri in 2005-2006 (90.1%) was close to the 75th percentile state level, and slightly higher than the national level of 89.1%.

   Trend analysis cannot be done until future data becomes available. An annual increase of 0.2% was chosen to create 2009-2013 objectives, based on data 2005-2006, comparisons to other states, and discussions with the Bureau of Special Health Care Needs, MO DHSS.

2. **Section Number:** Form11_Performance Measure #5
   Field Name: PM05
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Indicator data comes from the National Survey of CSHCN, conducted by HRSA and CDC, 2005-2006. Compared to the 2001 CSHCN survey, there were revisions to the wording, ordering and the number of the questions used to generate the NPM05 indicator for the 2005-2006 CSHCN survey. The data for the two surveys are not comparable for PM #05.

   Trend analysis cannot be conducted until we have future data available. The 2005-06 percentage in Missouri (90.1%) was close to the 75th percentile state level of 90.8%. An annual increase of 0.2% was chosen starting from 2006 to create 2008-2012 objectives, based on comparisons to other states, and discussions with the Bureau of Special Health Care Needs, MO DHSS.

3. **Section Number:** Form11_Performance Measure #5
   Field Name: PM05
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   The data reported in 2006 are pre-populated with the data from 2005 for this performance measure. 2005-2006 data from the National Survey of Children with Special Health Care Needs will be available Fall of 2007.

   Updated field note as of May 2008: The data in 2005 are updated with data from the National Survey of Children with Special Health Care Needs conducted by HRSA and CDC, 2005-2006.

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.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	9.4	6	6.5	7	54.4
Annual Indicator	5.8	54.4	54.4	54.4	54.4
Numerator					
Denominator					
Data Source					National Survey of 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?				Provisional	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	54.4	54.6	54.6	54.6	54.8
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #6
   Field Name: PM06
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Indicator data comes from the National Survey of CSHCN conducted by HRSA and CDC, 2005-2006. The next National Survey of CSHCN 2010 data release is fall 2011.

   Missouri had the highest percentage of receiving services for transition to adulthood among all states in 2005-2006 (54.4%, MO vs. 41.2%, US).

   Trend analysis cannot be done until future data becomes available. 2009-2013 objectives were chosen, based on data 2005-2006, comparisons to other states, and discussions with the Bureau of Special Health Care Needs, MO DHSS.

2. **Section Number:** Form11_Performance Measure #6
   Field Name: PM06
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Indicator data comes from the National Survey of CSHCN, conducted by HRSA and CDC, 2005-2006. Compared to the 2001 CSHCN survey, there were wording changes, skip pattern revisions, and additions to the questions used to generate the NPM06 indicator for the 2005-2006 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 PM #06 and the 2005-2006 may be considered baseline data.

   Trend analysis cannot be conducted until we have future data available. Missouri had the highest percentage in this measure among all states in 2005-2006. 2008-2012 objectives were chosen, based on comparisons to other states, and discussions with the Bureau of Special Health Care Needs, MO DHSS.

3. **Section Number:** Form11_Performance Measure #6
   Field Name: PM06
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   The data reported in 2006 are pre-populated with the data from 2005 for this performance measure. 2005-2006 data from the National Survey of Children with Special Health Care Needs will be available Fall of 2007.

   Updated field note as of May 2008: The data in 2005 are updated with data from the National Survey of Children with Special Health Care Needs conducted by HRSA and CDC, 2005-2006.

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.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	77.1	81.6	85.2	82.3	82.9
Annual Indicator	83.3	79.3	79.7	82.1	74.0
Numerator	62,614	61,029	61,934	64,487	60,201
Denominator	75,167	76,960	77,709	78,547	81,353
Data Source					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	Final

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	80.4	81	81.7	82.3	82.9
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #7
   Field Name: PM07
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Data is the 4:3:1:3:3 Series (4 DTP, 3 Polio, 1 MMR, 3 Hib, 3 HepB)
   CDC National Immunization Survey, Q3/2007-Q2/2008. July 2007-June 2008. Population of infants < 1 year of age in 2006 as denominator estimate of 19-35 months old in 2008.

   The immunization rate among children in Missouri had been gradually rising from 72.1% in 1999 to 82.1% in 2007, and comparable with the national figure. The percentage in Missouri in 2008 was lower than that in 2007 and the national estimate in 2008, though the difference was not statistically significant.

   MO encountered shortages and delays in Hib vaccine in 2008, which is expected to be resolved in 2009. Some private providers have either discontinued participation in the Vaccines for Children Program or stopped carrying vaccines altogether.

   Considering the overall increasing trend in the past 10 years and possible data fluctuation, it is too early to tell the drop in 2008 is a start of decline. Objectives 2009-2013 were based on a combination of trend analyses on data 1999-2008 and discussions with the DHSS Immunization Program.

2. **Section Number:** Form11_Performance Measure #7
   Field Name: PM07
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Data is for the 4:3:1:3:3 Series, US, National Immunization Survey, Q3/2006-Q2/2007. Population of infants <1 year of age in 2005 used as denominator estimate of 19-35 month olds in 2007.

   2008-2012 objectives are based on trend analysis on data 1998-2007, and discussions with the immunization program, MO DHSS.

3. **Section Number:** Form11_Performance Measure #7
   Field Name: PM07
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Data is for the 4:3:1:3:3 Series, US, National Immunization Survey, Q3/2005-Q2/2006. 2007-2011 annual performance objectives based on a logistic regression of 1999-2006 indicators. Population of infants <1 year of age in 2004 used as denominator estimate of 19-35 month olds in 2006.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

PERFORMANCE MEASURE # 08

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	19.1	19.6	18.4	17.2	21.4
Annual Indicator	21.9	20.8	22.6	21.4	21.2
Numerator	2,623	2,555	2,828	2,685	2,654
Denominator	119,611	123,065	124,936	125,231	125,231
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	21	20.8	20.6	20.4	20.2
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #8
   Field Name: PM08
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA)-Births,
   DHSS Vital Statistics, MICA-Population. Numerator is provisional 2008 birth number to women age 15-17 years as April 2009. Final data will be available October 2009. Denominator is 2007 population number being used as proxy for 2008. Final population data will be available November 2009.

   The increase in teen birth rate observed in both Missouri and the U.S. in 2006 did not continue in Missouri. Missouri had seen decline for two consecutive years 2007 and 2008 since 2006, and the decrease was across white, African-American, and Hispanic groups. The 2008 provisional teen birth rate in MO was highest in Hispanics (49.4 per 1,000), followed by African-Americans (41.4 per 1,000) and whites (17.2 per 1,000). An annual decrease of 0.2 per 1,000 was chosen to create 2009-2013 targets, based on data in the past two years, and discussions with the DHSS Section of Healthy Families and Youth.

2. **Section Number:** Form11_Performance Measure #8
   Field Name: PM08
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) Birth, MICA Population, and Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final data of birth file will be available in October, 2008. 2007 denominator of population estimate for females 15-17 years of age is not available yet, and 2006 population estimate is used as a proxy for 2007. 2007 population estimate will be available in November, 2008.
   An annual decrease of 0.2 per 1,000 was set to create future objectives 2008-2012, with considerations of trend analyses on past performance 1998-2007, as well as the fact the teem birth rate rose in 2006 for the first time in the past 15 years in both Missouri and the nation.

3. **Section Number:** Form11_Performance Measure #8
   Field Name: PM08
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Data source is Missouri Information for Community Assessment (MICA).
   2006 provisional numbers used for denominator as of July 2, 2007.

   Annual performance objectives for 2007-2017 based on reasonable estimate of future indicators based on past performance.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

PERFORMANCE MEASURE # 09

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	14	14	30	35	31.6
Annual Indicator	14.0	28.6	28.6	28.6	28.6
Numerator	10,055	18,686	18,795	19,355	19,252
Denominator	71,823	65,337	65,718	67,677	67,314
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?				Provisional	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	32.6	33.6	34.6	35.6	36.6
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #9
   Field Name: PM09
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Oral Health Survey conducted every five years. The most recent data from the 2005 Missouri Oral Health Survey is used as proxy for 2008. Denominator is 3rd grade Fall enrollment figure for 2007-2008 school year, from the Missouri Dept of Elementary & Secondary Education. Numerator is estimated based on the 2005 percentage.

   An annual increase of 1% starting from 2005 was chosen to create future objectives for 2009-2013, with consideration of both past performance and discussions with the DHSS Oral Health Program.

2. **Section Number:** Form11_Performance Measure #9
   Field Name: PM09
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Missouri Oral Health Survey was conducted every five years. The most recent data from the 2005 Missouri Oral Health Survey is used as proxy for 2007. Denominator is 3rd grade Fall enrollment figure for 2006-2007 school year. Numerator is estimated based on the 2005 percent.

   An annual increase of 1% starting from 2005 was chosen to create future objectives for 2008-2012, with consideration of both past performance and discussions with staff from the Oral Health Program, Missouri Department of Health and Senior Services.

3. **Section Number:** Form11_Performance Measure #9
   Field Name: PM09
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Numerator estimate for 2006 is based on 2005 Missouri Oral Health Survey. Denominator is 3rd grade Fall enrollment figure for 2005-2006 school year.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

PERFORMANCE MEASURE # 10

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	3.9	3.3	3.7	3.5	3.5
Annual Indicator	4.4	3.7	3.6	3.6	3.1
Numerator	50	43	42	42	36
Denominator	1,141,490	1,162,408	1,161,417	1,169,228	1,169,228
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	3.1	3	3	2.9	2.9
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #10
   Field Name: PM10
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) Death, Missouri Vital Statistics, Bureau of Health Informatics, MO DHSS. 2008 provisional death data as of April, 2009. 2008 final death data will be available in November, 2009. 2008 denominator of population estimate under 15 years of age is not available yet, and 2007 population estimate is used as a proxy for 2008. 2008 population estimate for specific age groups will be available in November, 2009.

   The death rate due to MVC among children under 15 in MO decreased from 3.6 in 2007 to 3.1 per 100,000 in 2008, 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 2009-2013, based on a combination of trend analysis on data 1999-2008, and discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_Performance Measure #10
   Field Name: PM10
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) Death,
   and Bureau of Health Informatics, MO DHSS. 2007provisional death data as of April 28, 2008. 2007 final death data will be available in November, 2008. 2007 denominator of population estimate under 15 years of age is not available yet, and 2006 population estimate is used as a proxy for 2007. 2007 population estimate for specific age groups will be available in November, 2008.

   Future objectives 2008-2012 were based on trend analysis on data 1999-2007, and discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_Performance Measure #10
   Field Name: PM10
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Data source is Missouri Information for Community Assessment (MICA).
   2006 provisional numbers used for denominator as of July 2, 2007.

   Annual performance objectives for 2007-2011 based on logistic regression on 2001-2005 data. The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

PERFORMANCE MEASURE # 11

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective			32	34	34.9
Annual Indicator	29.9	29.9	34.7	30.5	30.5
Numerator	23,235	23,235	28,229	23,957	24,813
Denominator	77,709	77,709	81,353	78,547	81,353
Data Source					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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	35.1	35.3	35.5	35.7	35.9
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #11
   Field Name: PM11
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Breastfeeding percentage is from CDC's National Immunization Survey. 2008 data (2006 birth cohort) is not available yet, 2007 provisional data (2005 birth cohort) was used as proxy for 2008. 2007 final data will be available in August 2009. Denominator is number of 2006 births in Missouri from MICA-Births, MO vital statistics.

   The percent of mothers who breastfed their infants at 6 months of age in Missouri showed a gradual increase from 2003 to 2006. Although the 2007 provisional data showed a decrease compared with the 2006 data, the decrease was not statistically significant. Objectives 2009-2013 were based on a combination of final data 2003-2006 and discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_Performance Measure #11
   Field Name: PM11
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Breastfeeding percentage is from CDC's National Immunization Survey. 2007 final data are not available yet, and the data collected in 2006 (2004 birth cohort) were used as proxy for 2007 data. 2007 final data will be available in August 2009. Denominator is number of live births in Missouri in 2005.

   The percent of mothers who breastfed their infants at 6 months of age in Missouri showed a gradual increase from 2003 to 2006. An annual increase of 0.2% was set to create objectives 2008-2012 based on past performance and discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_Performance Measure #11
   Field Name: PM11
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Breastfeeding percentage of 32.6%, +/- 4.2%, is from CDC's National Immunization Survey in 2005. 2006 breastfeeding data not yet available. Denominator is number of live births in Missouri during 2006.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

PERFORMANCE MEASURE # 12

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	97	99	99	99	99
Annual Indicator	99.2	99.9	96.6	97.2	98.6
Numerator	77,084	78,487	78,576	79,580	79,725
Denominator	77,708	78,547	81,353	81,883	80,868
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	99	99	99	99	99
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #12
   Field Name: PM12
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Newborn Hearing Screening Program, DHSS Bureau of Genetics and Healthy Childhood. Final 2008 data for number screened will be available January, 2010. Numerator is provisional number of newborns screened before discharge. Denominator is number of 2008 provisional live births from DHSS Vital Statistics. Final birth number will be available October, 2008.

2. **Section Number:** Form11_Performance Measure #12
   Field Name: PM12
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Numerator number of newborns screened before discharge in 2007 is provisional data, and final data will be available by the end of December 2008. Denominator is number of live births in Missouri in 2007 (provisional data as of June 24, 2008). 2007 final birth data will be available in October 2008.

   2008-2012 performance objectives set at 99.0%. There may be annual variations in the percent of newborns who are screened (including indicators > 100.0%) since mothers delivering babies in MO or IL may have their babies screened in MO, or vice versa.

   The decrease in the percent of newborns screened prior to discharge since 2006 is due to upgrades implemented in the data management system that allow the system's reports to accurately reflect the actual number of infants screened prior to discharge.

3. **Section Number:** Form11_Performance Measure #12
   Field Name: PM12
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2007-2011 performance objectives set at 99.0%. There may be annual variations in the percent of newborns who are screened (including indicators > 100.0%) since mothers delivering babies in MO or IL may have their babies screened in MO, or vice versa.

   The decline of the % of newborns screened from 2005 to 2006 was due to a data retrieval problem with the MO Department of Health and Senior Service's computer system (MOHSAIC) that has now been fixed to accurately reflect the %of newborns screened.

PERFORMANCE MEASURE # 13

Percent of children without health insurance.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	4.7	8.1	8.2	7.9	10.5
Annual Indicator	7.4	7.7	9.1	10.5	10.5
Numerator	103,000	106,000	127,000	151,000	151,000
Denominator	1,386,910	1,378,232	1,398,000	1,442,000	1,442,000
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	10.4	10.4	10.3	10.3	10.2
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #13
   Field Name: PM13
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: US Census Bureau. Current Population Survey (CPS), Annual Social & Economic Supplement (ASES), 2008. The 2008 survey reflects insurance coverage in 2007. Denominator is population estimate of persons under 18 years of age.
   Data from the CPS, ASES, 2009 will be available at the end of September 2009.

   The percent of children without health insurance in Missouri showed a gradual increasing trend from 2001 to 2007. In light of potential policy changes and economic factors, it is difficult to make predictions on this measure. Objectives 2009-2013 were based on discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_Performance Measure #13
   Field Name: PM13
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplement, 2008, Table HI05. The 2008 survey reflects insurance coverage in 2007.

   The percent of children without health insurance in Missouri showed a gradual increasing trend from 2001 to 2007. In light of potential policy changes and various environmental factors, it is difficult to make predictions on this measure. Objectives 2008-2012 were set based on discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_Performance Measure #13
   Field Name: PM13
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2006 health insurance coverage data not available, yet - 2005 numbers from Health Insurance Coverage tables from Census Bureau's Current Population Survey used as proxy.
   http://pubdb3.census.gov/macro/032006/health/h05_000.htm

   The percent of uninsured kids is conservatively predicted to drop by 0.3% per year, based on the yearly change seen in past rates from Census Bureau data. However, in light of impending Medicaid reforms in Missouri, it is difficult to make accurate predictions of the percent of uninsured children.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

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.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective			30	30	30
Annual Indicator	30.4	30.4	30.2	30.3	30.7
Numerator	17,506	17,506	16,182	16,665	18,699
Denominator	57,587	57,587	53,585	55,001	60,908
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	30.7	30.6	30.6	30.5	30.5
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #14
   Field Name: PM14
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source:CDC data tables from 2008 Pediatric Nutritional Surveillance System.

   The 2008 data showed a slight increase in this measure compared with the 2007 data, though the increase was not statistically significant. Missouri WIC program has made some changes in the food package to provide healthier foods since 2002, and will implement the new WIC food package in October 2009. We expect to see a gradual decrease in the overweight rate among WIC children with our new food package and getting children more into physical activity.

2. **Section Number:** Form11_Performance Measure #14
   Field Name: PM14
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: CDC. Data Tables of the Pediatric Nutrition Surveillance System (PedNSS), Missouri.

   Although Missouri is being affected by the same social and demographic factors contributing to childhood obesity as the rest of the nation. As reducing obesity among children is a stated priority of the state, we intend to make every effort to make progress in this performance measure.

3. **Section Number:** Form11_Performance Measure #14
   Field Name: PM14
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Data obtained from Pediatric Nutrition Surveillance System (PedNSS).

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

PERFORMANCE MEASURE # 15

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective			17	19	19.6
Annual Indicator		17.7	20.4	18.4	18.4
Numerator		13,940	16,591	15,066	14,880
Denominator		78,549	81,353	81,883	80,868
Data Source					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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	18	17.8	17.6	17.4	17.2
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:** Form11_Performance Measure #15
   Field Name: PM15
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   The 2008 estimated percentage of maternal smoking during the last 3 months of pregnancy is not available yet. The 2007 estimate based on the 2007 Missouri PRAMS is used as proxy for 2008. 2008 PRAMS data will be available January 2010. Denominator is estimated using the number of live births in Missouri, provisional 2008, as of April 2009. 2008 final birth data will be available in October 2009.

   A gradual decrease in this measure over the next five years 2009-2013 is expected, with considerations of a slight decrease in smoking during pregnancy for two consecutive years 2007-2008 observed from the birth file, and discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_Performance Measure #15
   Field Name: PM15
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Missouri has participated in the Pregnancy Risk Assessment Monitoring System (PRAMS) since 2007. 2007 estimate of smoking during last 3 months of pregnancy from PRAMS is expected to be available by the end of December 2008. An estimated percent from the Missouri's pilot PRAMS survey (2005-2006 Missouri Pregnancy Related Assessment and Monitoring System, MoPRA) was used as a proxy for 2007. Denominator is estimated using the number of live births in Missouri in provisional 2007 as of April 28, 2008. 2007 final birth data will be available in October 2008.

   Despite limited funding for tobacco prevention and cessation programs in Missouri, we intend to make every effort to make progress in this measure. An annual decrease of 0.4% was used to create objectives 2008-2012, with consideration of trend analysis on the measure smoking during pregnancy from the birth file and discussions with the Section of Healthy Families and Youth, MO DHSS.

   UPDATE: 2007 data have been updated using the 2007 Missouri PRAMS data.

3. **Section Number:** Form11_Performance Measure #15
   Field Name: PM15
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2005 estimate of smoking during last 3 months of pregnancy is based on a stratified sample of 1,535 women (10 out of 12 batches) responding to the Missouri Pregnancy Related Assessment and Monitoring System (MoPRA), Missouri's pilot PRAMS survey.

   The 2006 estimate is based on all 12 batches of MoPRA, a sample of 1,789 women.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

PERFORMANCE MEASURE # 16

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	6.9	7.9	5.9	5.3	8
Annual Indicator	9.9	6.5	8.5	8.5	11.6
Numerator	41	27	35	35	48
Denominator	414,314	416,034	412,208	414,182	414,182
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	9.5	9.5	9	9	8.5
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #16
   Field Name: PM16
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: DHSS Vital Statistics. Numerator is provisional death number of persons age 15 through 19 years as of April, 2009. Final number will be available November, 2009. The 2007 population estimate of persons age 15-19 years is used as proxy for 2008. The 2008 population number will be available November, 2008.

   The teen suicide death rate increased in 2008 compared with that in 2007. However, this increase was not statistically significant. The teen suicide deaths were geographically dispersed. A majority of the deaths were among ages18-19 years, males, and whites. About half of the deaths were by discharge of firearms.

   Since 2004, there has been an ongoing controversy over whether antidepressant medications might reduce or increase suicide risk in children and adolescents. There is a wide range of factors that might lead to suicide. Considering the small number of deaths and possible fluctuation for one-year data, it is too early to say this is a start of a real increase. Objectives 2009-2013 were based on the three-year (2006-2008) average rate of 9.5 per 100,000 and discussions with the Section of Healthy Families and Youth, DHSS.

2. **Section Number:** Form11_Performance Measure #16
   Field Name: PM16
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) Death,
   and Bureau of Health Informatics, MO DHSS. 2007 provisional death data as of April 28, 2008. 2007 final death data will be available in November 2008. 2007 denominator of population estimate 15-19 years of age is not available yet, and 2006 population estimate is used as a proxy for 2007. 2007 population estimate for specific age groups will be available in November 2008.

   Future objectives 2008-2012 were based on trend analysis on data 1999-2007 and discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_Performance Measure #16
   Field Name: PM16
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2006 Missouri Information for Community Assessment (MICA) data was used for the numerator. A Census Bureau 2006 population estimate was used for the denominator.

   2007-2011 annual performance objectives based on a logistic regression of 2001-2005 indicators.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

PERFORMANCE MEASURE # 17

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	79.9	80.2	80.6	80.9	77
Annual Indicator	79.0	77.6	73.1	76.2	78.1
Numerator	886	880	825	893	854
Denominator	1,122	1,134	1,128	1,172	1,093
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	78.5	79	79.5	80	80.5
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #17
   Field Name: PM17
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information of Community Assessment (MICA). DHSS Vital Statistics. Denominator is very low birth weight (VLBW) infants born to Missouri residents and delivered in Missouri, provisional data as of April 2009. Numerator is VLBW infants delivered at Level III Missouri hospitals. Final numbers will be available November, 2009.

   From 1990 to 2005, the percent of VLBW infants delivered at level III hospitals had fluctuated around 78%. There was a noticeable decrease from 77.6% in 2005 to 73.1% in 2006 (p=0.01), but the decrease did not continue in 2007. MO had seen an increase for two consecutive years 2007-2008. Several complex issues might limit improvement in this measure, including inappropriate admission based on insurance status or due to competitive admission among hospitals, and increase in Newborn Intensive Care Unit beds in both level II and III hospitals over years.

   An annual increase of about 0.5% was set to create objectives for 2009-2013, based on data in the last 3 years, long-term trend in the past 10 years and discussions with the Bureau of Health Informatics and the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_Performance Measure #17
   Field Name: PM17
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Bureau of Health Informatics, DHSS. Birth Data. Denominator is the number of VLBW infants to Missouri residents delivered in Missouri; numerator is the number of VLBW infants to Missouri residents delivered in Level III hospitals in Missouri. 2007 birth data are provisional, and 2007 final birth data will be available in October 2008.
   An annual increase of about 1% was set to create future objectives for 2008-2012, based on discussions with the Bureau of Health Informatics and the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_Performance Measure #17
   Field Name: PM17
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Data source is Missouri Information for Community Assessment (MICA).

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

PERFORMANCE MEASURE # 18

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	86.6	86.8	87	87.3	84.6
Annual Indicator	86.2	86.0	84.7	84.1	83.8
Numerator	66,980	67,571	68,919	68,863	67,788
Denominator	77,709	78,547	81,353	81,883	80,868
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	84	84.2	84.4	84.6	84.8
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_Performance Measure #18
Field Name: PM18
Row Name:
Column Name:
Year: 2008
Field Note:
Source: Missouri Information for Community Assessment (MICA)-Births. DHSS Vital Statistics. Provisional 2008 data as of April, 2009. Final data will be available, November, 2009.

The proportion of early prenatal care in Missouri has been consistently above the national level. Since 2006, the percentage in Missouri had shown a small but noticeable decline and the decline had continued for three consecutive years 2006-08. The decline was slightly larger in Medicaid population than in non-Medicaid population. A similar decline had been observed in the national data in 2005 and 2006.

More recent changes to welfare and Medicaid policy might limit further improvements in timely care. Some MO hospitals have shifted from using self-reported information by the mother to using electronic medical records to collect prenatal care information for the birth certificate. It was reported that there had been a decline in early prenatal care following the implementation of a revised birth certificate that uses electronic prenatal care records.

An annual increase of 0.2% is used to create objectives 2009-2013, based on general increasing trend 1990-2008 and discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_Performance Measure #18
Field Name: PM18
Row Name:
Column Name:
Year: 2007
Field Note:
Source: Missouri Information for Community Assessment (MICA) - Birth,
and Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final birth data will be available in October 2008.

There has been a slight decrease in the percent of prenatal care in the 1st trimester since 2006. It has been not clear why the number goes down. Some potential factors are speculated such as limited access to care and capacity of delivering doctors, and changes in prenatal care data collection from using self-reported information by the mother to using electronic medical records. An annual increase of 0.5% is used to create objectives 2008-2012, based on discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_Performance Measure #18
Field Name: PM18
Row Name:
Column Name:
Year: 2006
Field Note:
Data source is Missouri Information for Community Assessment (MICA).

The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

STATE PERFORMANCE MEASURE # 1

Percent of women who have reported smoking during pregnancy.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	17.7	17.5	16.3	14.4	16.5
Annual Indicator	18.1	18.2	18.4	17.7	17.6
Numerator	14,083	14,317	14,946	14,534	14,201
Denominator	77,709	78,547	81,353	81,883	80,868
Data Source					MO DHSS. Vital Statistics
Is the Data Provisional or Final?				Final	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	17.3	17.1	17	16.8	16.7
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_State Performance Measure #1
   Field Name: SM1
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA)-Births. DHSS Vital Statistics. Provisional 2008 live births number as of April, 2009. Final data will be available, November, 2009.

   Since 2007 MO had seen a small but continuing decrease in maternal smoking for two consecutive years 2007-2008. Objectives 2009-2013 were based on trend analysis on data 1994-2008, and discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_State Performance Measure #1
   Field Name: SM1
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA)- Births
   and the Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final birth data will be available in October 2008.

   Despite limited funding for tobacco prevention and cessation programs in Missouri, we intend to make every effort to make progress in this measure. Objectives 2008-2012 were set with considerations of trend analysis on data 1990-2007, and discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_State Performance Measure #1
   Field Name: SM1
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Data obtained from birth certificate records reported in MICA (Missouri Information for Community Assessment). 2005 numbers used, 2006 data not yet available as of July 2, 2007.

   Annual performance objectives for 2007-2011 are based on a regression analysis of the maternal smoking during pregnancy trend in Missouri during 1999-2005.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

STATE PERFORMANCE MEASURE # 2

Percent of cigarette smoking among children 14-18 years of age.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	30.5	30	19.4	17.4	23.3
Annual Indicator	24.8	21.3	21.3	23.8	23.8
Numerator	62,425	59,081	60,210	68,127	67,789
Denominator	251,713	277,374	282,678	286,247	284,830
Data Source					Missouri Youth Risk Behavioral Survey
Is the Data Provisional or Final?				Final	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	22.8	22.3	21.8	21.3	20.8
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_State Performance Measure #2
   Field Name: SM2
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Annual indicator is percentage from 2007 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 2007-2008 obtained from the MO Dept. of Elementary & Secondary Education.
   YRBS survey is conducted every 2 years. Next survey results will be available summer 2010.

   Objectives for 2009-2013 were set with considerations of trend analysis on MO YRBS data 1995-2007, and discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_State Performance Measure #2
   Field Name: SM2
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   The annual indicator is from the 2007 YRBS statistic "Percentage of high school students who smoked cigarettes on one or more of the past 30 days". The denominator is estimated using the number of fall enrollment, grades 9-12 for school year 2006-2007, obtained from the the MO Department of Elementary and Secondary Education.

   Objectives for 2008-2012 were set with considerations of trend analysis on MO YRBS data 1995-2007, and discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_State Performance Measure #2
   Field Name: SM2
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   YRBS not conducted during 2006. 2005 data is used as a proxy for 2006 since the YRBS is reported every two years. 2007 data available next year.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

STATE PERFORMANCE MEASURE # 3

Percent of mothers who are prepregnancy overweight by 20% or more.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective			35.2	34.7	36.8
Annual Indicator	36.2	36.5	36.7	36.9	37.5
Numerator	28,155	28,637	29,832	30,220	30,322
Denominator	77,709	78,547	81,353	81,883	80,868
Data Source					MO DHSS. Vital Statistics
Is the Data Provisional or Final?				Final	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	37.4	37.3	37.2	37.1	37
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_State Performance Measure #3
   Field Name: SM3
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA)-Births. DHSS Vital Statistics. Provisional 2008 live births number as of April, 2009. Final data will be available, November, 2009.

   The steady increasing trend in prepregnancy overweight in MO mirrors the secular trend in overweight and obesity among general women population in both MO and the U.S. Reducing obesity is a priority of the state. We intend to make every effort to make progress in this measure.
   An annual decrease of 0.1% was set to create objectives 2009-2013.

2. **Section Number:** Form11_State Performance Measure #3
   Field Name: SM3
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Birth
   and Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final birth data will be available in October 2008.

   The trend analysis on data 1990-2007 shows the increasing trend in prepregnancy overweight in Missouri has tended to slowdown since 2004 but not yet revsersed. A slight decrease from the current level would be an improvement. An annual decrease of 0.1% was set to create future objectives 2008-2012.

3. **Section Number:** Form11_State Performance Measure #3
   Field Name: SM3
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2005 numbers used, data not available for 2006 as of July 2, 2007. Data obtained from birth certificate records reported in MICA (Missouri Information for Community Assessment).

   Annual performance objectives for 2007-2011 are based on a regression analysis of data from 1990-2004.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

STATE PERFORMANCE MEASURE # 4

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective			71.2	72.8	44.5
Annual Indicator	66.6	36.0	36.0	43.5	43.5
Numerator	167,641	99,854	101,764	124,517	123,901
Denominator	251,713	277,374	282,678	286,247	284,830
Data Source					Missouri Youth Risk Behavioral Survey
Is the Data Provisional or Final?				Final	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	45.5	46.5	47.5	48.5	49.5
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_State Performance Measure #4
Field Name: SM4
Row Name:
Column Name:
Year: 2008
Field Note:
Source: Youth Risk Behavioral Survey (YRBS) 2007
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). The 2007 YRBS estimate is being used as a proxy for 2008 obtained from the Mo Dept of Elementary and Secondary Education. Denominator is the number of enrollment of grades 9-12 during the 2007-2008 school year.
YRBS survey is conducted every 2 years. Next survey results will be available summer 2010.

An annual increase of 1% on this measure was chosen to create objectives for 2009-2013, based on estimates of the indicator in 2005 and 2007, comparisons with other states, and discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_State Performance Measure #4
Field Name: SM4
Row Name:
Column Name:
Year: 2007
Field Note:
The question used to estimate the indicator SPM # 4 "percent of students who participated in vigorous physical activity" was discontinued in the 2007 YRBS questionnaire: "On how many of the past 7 days did you exercise or participate in physical activity for at least 20 minutes that made you sweat and breathe hard ?". Instead, to reflect the current physical activity recommendation for youth, defined as "participation 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", a new question has been added to YRBS since the 2005 survey: "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 in any kind of physical activity that increases your heart rate and makes you breathe hard some of the time.)"

2007 YRBS estimate was obtained from the Missouri Department of Elementary and Secondary Education. The 2007 data was based on the new indicator "percent of students who were physically active for a total of at least 60 minutes per day on >=5 of the past 7 days". The data reported for 2007 is comparable with the data for 2005 but not comparable with data before 2005, which reflect previously recommended physical activity for youth. Denominator is number of fall enrollment of grades 9-12 during school year 2006-2007 from the Missouri Department of Elementary and Secondary Education.

YRBS data for the new indicator were only available for two years 2005 and 2007, which prevented the ability to conduct trend analyses. An annual increase of 1% on the new indicator was chosen to create future objectives for 2008-2012, based on estimates of the new indicator in 2005 and 2007, comparisons with other states, and discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_State Performance Measure #4
Field Name: SM4
Row Name:
Column Name:
Year: 2006
Field Note:
Data is an estimate based on results from the YRBS statistic "Percentage of students who exercised or participated in physical activity that made them sweat and breathe hard for 20 minutes or more on three or more of the past seven days" and the summary of Fall enrollment, grades 9-12, during 2004-05 and 2002-03 from the Department of Elementary and Secondary Education.

YRBS survey not conducted in 2006. Since YRBS is conducted every two years, 2005 data is used as a proxy for 2006. 2007 YRBS numbers unavailable until next year.

Annual performance objectives for 2007-2011 are based on a regression analysis of YRBS data from Missouri during 1995-2005.

The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

UPDATED field note as of May 2008:
2005 YRBS data is used as a proxy for 2006. 2005 numbers are revised based on a newly added question in the 2005 YRBS survey to reflect the currently recommneded physical activity for youth: "participation 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". Therefore, data reported in 2005 and later are not comparable with data before 2005.

STATE PERFORMANCE MEASURE # 5

Percent of women who enrolled in WIC during first trimester of pregnancy.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective			51.9	52.1	42.3
Annual Indicator	50.8	42.0	41.6	40.2	40.2
Numerator	18,077	19,101	18,502	18,873	18,873
Denominator	35,601	45,478	44,477	46,948	46,948
Data Source					Missouri Pregnancy Nutrition Surveillance System
Is the Data Provisional or Final?				Final	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	41.6	41.8	42	42.2	42.4
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_State Performance Measure #5
Field Name: SM5
Row Name:
Column Name:
Year: 2008
Field Note:
Source: CDC. Data Tables of the Missouri Pregnancy Nutrition Surveillance System (PNSS). The 2008 numbers will be available in November 2009, 2007 numbers are used as proxy for 2008.

   This measure was selected as it reflects the ability of women to identify and access needed services such as applying for Medicaid, food stamps, TANF and accessing prenatal care.

   Missouri had the fifth highest percent WIC enrollment during the first trimester among 28 states participating in PNSS in 2007. In FFY 2008, MO WIC began providing additional funds to local WIC providers to increase WIC enrollment among pregnant women. Objectives 2009-2013 were based on a combination of trend analysis on data 1998-2007 and discussions with the WIC Program.

2. **Section Number:** Form11_State Performance Measure #5
Field Name: SM5
Row Name:
Column Name:
Year: 2007
Field Note:
Source: CDC. Data Tables of the Missouri Pregnancy Nutrition Surveillance System (PNSS). 2007 numbers will be available in November 2008. 2006 numbers are used as proxy for 2007.

   Missouri had the third highest percent of women enrolled in WIC during first trimester of pregnancy among 29 states/territories participating in the PNSS in 2006. Objectives for 2008-2012 were based on trend analysis using the CDC data table of Missouri PNSS 1997-2006, and discussions with the Section of Healthy Families and Youth, MO DHSS.

   Data source was changed from Birth certificate records in MICA and WIC Prenatal MICA to Data Tables of the Missouri Pregnancy Nutrition Surveillance System (PNSS) reported by CDC. The change aimed to 1) use the same data source for both numerator and denominator, 2) define the denominator as the number of women enrolled in WIC in either period during pregnancy or postpartum period instead of only the number enrolled in WIC during pregnancy, and 3) make the indicator comparable with other states/territories with PNSS.

   The measures in 2006 and 2005 were also revised based on data from the changed data source. Therefore, 2005 and 2006 numbers are not comparable with numbers reported in 2004 and earlier.

3. **Section Number:** Form11_State Performance Measure #5
Field Name: SM5
Row Name:
Column Name:
Year: 2006
Field Note:
2005 numbers used. 2006 numbers not available as of July 2, 2007. Data obtained from birth certificate records reported in MICA (Missouri Information for Community Assessmet).

   Annual performance objectives for 2007-2011 are based on a regression analysis of the trend in percent of women who enrolled in WIC during the first trimester of pregnancy in Missouri during 2000-2005. The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

   Updated field note as of May 2008:
Changed data source: CDC. Data Tables of the Missouri Pregnancy Nutrition Surveillance System (PNSS). The numbers for 2006 were revised based on the changed data source. The numerator is the number of women enrolled in WIC during first trimester of pregnancy in CY 2006; the denominator is the number of women enrolled in WIC (either during pregnancy or postpartum period) in CY 2006.

   Because of the change of data sources, 2006 and 2005 numbers are not comparable with numbers reported in 2004 and earlier.

STATE PERFORMANCE MEASURE # 6

The incidence of emergency room visits for diseases of teeth and jaw for children ages under 15 per 1,000 population.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective			0.9	0.9	0.9
Annual Indicator	1.1	1.0	2.0	1.9	1.9
Numerator	1,252	1,126	2,389	2,243	2,243
Denominator	1,139,446	1,162,408	1,169,209	1,169,228	1,169,228
Data Source					MO DHSS. Patient Abstract System
Is the Data Provisional or Final?				Provisional	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	1.7	1.6	1.5	1.4	1.3
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form11_State Performance Measure #6
   Field Name: SM6
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA)-Emergency Room, MICA-Population. 2008 data are not available yet, 2007 provisional data are used as proxy for 2008. Final 2008 data will be available in November, 2009.

   Numerator is the number of ER visits due to disorders of teeth and jaw. In previous reports, numerator for 2006 and earlier used the category-diseases of the mouth excluding dental. In this report, numerators for 2006 and later have been updated using the more related category - disorders of teeth and jaw. The number/rates of ER visits using the category - disorders of teeth and jaw for 2004 and 2005 should be 2,655/2.3 per 1,000 in and 2,468/2.1 per 1,000 respectively.

   Objectives 2009-2013 were created based on trend analysis on data 2004-2007, and discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_State Performance Measure #6
   Field Name: SM6
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Source: Missouri Information for Community Assessment (MICA) - Emergency Room, and the Bureau of Health Informatics, MO DHSS. 2007 data will be available in December 2008, and 2006 data is used as proxy for 2007.

   Objectives 2008-2012 were created based on trend analysis on data 1994-2006, and discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_State Performance Measure #6
   Field Name: SM6
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Data obtained from birth certificate records reported in MICA (Missouri Information for Community Assessment). 2005 data used in place of 2006 numbers until more current data is available.

   Annual performance objectives for 2007-2011 are based on a regression analysis of the trend of incidence of emergency room visits for diseases of teeth and jaw for children < 15 years per 1,000 in Missouri during 1994-2004.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

STATE PERFORMANCE MEASURE # 7

The incidence of domestic violence per 100,000 population.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective			666.4	661.4	660.9
Annual Indicator	683.6	672.3	685.5	633.5	578.2
Numerator	39,373	38,998	40,053	37,239	34,178
Denominator	5,759,532	5,800,310	5,842,713	5,878,415	5,911,605
Data Source					Missouri Highway Patrol
Is the Data Provisional or Final?				Final	Final

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	573	568	563	558	553
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form11_State Performance Measure #7
   Field Name: SM7
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Numerator is number of domestic violence incidents obtained from the 2008 report of the Uniform Crime Reporting Program (UCR), Missouri Highway Patrol. Denominator is 2008 population estimate from the US Census Bureau.

   Objectives 2009-2013 were based on past performance data 2004-2008, and discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_State Performance Measure #7
   Field Name: SM7
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Numerator is number of domestic violence incidents obtained from the 2007 report of the Uniform Crime Reporting Program (UCR) , Missouri State Highway Patrol. Denominator is the population estimate for 2007, obtained from the U.S. Census Bureau.

   Objectives 2008-2012 were based on trend analysis on data 2001-2007, and discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_State Performance Measure #7
   Field Name: SM7
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Domestic violence rates obtained from Uniform Crime Reporting Program operated by Missouri State Highway Patrol.

   Annual performance objectives for 2007-2011 are based on a regression analysis of UCR data from Missouri during 2001-2005.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

STATE PERFORMANCE MEASURE # 8

Percent of women 18-44 years of age who reported frequent mental distress (FDM) for fourteen or more days during the past thirty days their mental health was not good.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective			13	12.8	12.5
Annual Indicator	14.1	13.0	15.4	12.5	15.4
Numerator	307,312	284,935	165,284	133,682	164,228
Denominator	2,185,986	2,185,654	1,073,275	1,066,415	1,066,415
Data Source					MO Behavioral Risk Factor Surveillance System
Is the Data Provisional or Final?				Final	Final

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	15	14	13	12	11
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form11_State Performance Measure #8
   Field Name: SM8
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: "Percent of women 18-44 years of age reporting their mental health was not good =>14 days in the past thirty days" was obtained from the 2008 Behavioral Risk Factor Surveillance System Survey (BRFSS), Denominator is estimated from the 2007 population of women 18-44 years of age from Missouri Information for Community Assessment (MICA) population. The 2008 population number will be available November, 2009. Numerator is based on BRFSS percentage.

   This measure was selected as it reflects the mental health of all women of reproductive age, not merely those in the perinatal period. The results of this measure are applicable to all women in the pre-conception stage and reflect implications for care.

   The increase in the percentage from 2007 to 2008 was not statistically significant. Objectives 2009-2013 were based on measures in past years and discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_State Performance Measure #8
   Field Name: SM8
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Percent of women 18-44 years of age reporting their mental health not good>=14 days in the past 30 days was obtained from the 2007 BRFSS. Denominator was determined using population estimate of women 18-44 years of age for 2006, obtained from the Missouri Information for Community Assessment (MICA) - Population. 2007 population estimate for specific age groups will be available in November 2008.

   A decrease of 0.1% every two years was set to create objectives 2008-2012, based on measures in past years and discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_State Performance Measure #8
   Field Name: SM8
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Rates obtained from annual BRFSS survey data and MICA population data in denominator (2005 data used until more current numbers available).

   Annual performance objectives for 2007-2011 are based on a regression analysis of BRFSS data from Missouri during 2000-2004.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

STATE PERFORMANCE MEASURE # 9

Percent of special needs children ages 3-5 enrolled in public preschool programs.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective			5.9	6.2	5
Annual Indicator	4.8	4.8	4.8	4.9	4.7
Numerator	10,790	10,887	10,873	11,315	10,944
Denominator	224,535	226,072	228,356	232,099	232,099
Data Source					MO Dept. of Elementary & Secondary Education
Is the Data Provisional or Final?				Final	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	4.7	4.8	4.8	4.9	4.9
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form11_State Performance Measure #9
   Field Name: SM9
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Numerator from the Missouri Dept of Elementary & Secondary Education, Division of Special Education. Students with Disabilities Child count provisional 2008. Denominator is population 2007 estimate from U.S. Census used as proxy for 2008. Final numbers will be available November 2009.

   An increase of 0.1% every two years were set to create objectives 2009-2013, based on trend analysis on data 2002-2008 and discussions with the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form11_State Performance Measure #9
   Field Name: SM9
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source of numerator: Missouri Department of Elementary and Secondary Education, Division of Special Education. Students with Disabilities Child Count as of December 1, 2007.

   Denominator of the population estimate for children ages 3-5 in 2007 will be available in November 2008, and 2006 data is used as proxy for 2007.

   Objectives 2008-2012 were based on trend analysis on data 2001-2007 and discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form11_State Performance Measure #9
   Field Name: SM9
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Data obtained from Missouri Department of Elementary and Secondary Education.

   Annual performance objectives for 2007-2011 are based on a regression analysis of the trend of percent of special needs children ages 3-5 enrolled in public preschool programs during 2000-2004.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

STATE PERFORMANCE MEASURE # 10

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective			7.1	7.5	8.2
Annual Indicator	6.3	6.4	7.2	7.8	8.4
Numerator	98,456	98,456	113,777	123,458	133,248
Denominator	1,555,804	1,545,754	1,574,087	1,583,410	1,583,410
Data Source					Missouri Primary Care Association
Is the Data Provisional or Final?				Final	Provisional

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	8.8	9.2	9.6	10	10.4
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form11_State Performance Measure #10
   Field Name: SM10
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Numerator is 2008 data from Missouri Primary Care Association. Denominator is 2007 population estimate 0-19 from US Census used as proxy for 2008. 2008 population estimate will be available in November, 2009.

   Objectives 2009-2013 were based on trend analysis on data 2001-2008 and discussions with the Section of Healthy Families and Youth, MO DHSS and Missouri Primary Care Association.

2. **Section Number:** Form11_State Performance Measure #10
   Field Name: SM10
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Numerator is the number of children 0-19 years of age receiving health care at a FQHC in 2007, obtained from the Missouri Primary Care Association. The denominator of population estimate for children 0-19 for 2007 will be available in November 2008, and 2006 data is used as proxy for 2007.

   Objectives 2008-2012 were based on trend analysis on data 2001-2007 and discussions with the Section of Healthy Families and Youth, MO DHSS and Missouri Primary Care Association.

3. **Section Number:** Form11_State Performance Measure #10
   Field Name: SM10
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Numerator data obtained Uniform Data System Missouri Rollup Reports published by Bureau of Primary Health Care. Denominator obtained from MICA (Missouri Information for Community Assessment) population database.

   2006 data is not available for denominator, therefore 2005 data is used until more current numbers are available.

   2007-2011 annual performance objectives based on a regression analysis of 2001-2004 data from the Uniform Data System reports.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

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

Form Level Notes for Form 12

None

OUTCOME MEASURE # 01

The infant mortality rate per 1,000 live births.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	7.7	7.7	7.7	7.7	7.5
Annual Indicator	7.5	7.5	7.4	7.5	7.1
Numerator	583	588	599	613	571
Denominator	77,709	78,547	81,353	81,883	80,868
Data Source					
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	7	6.9	6.8	6.7	6.7
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form12_Outcome Measure 1
Field Name: OM01
Row Name:
Column Name:
Year: 2008
Field Note:
Source: Missouri Information for Community Assessment (MICA)-Deaths
DHSS Vital Statistics. Numerator and denominator is provisional 2008 infant deaths and live births as April, 2009. Final data will be available October, 2009.

The infant mortality rate in Missouri in 2008 decreased compared with that in 2007, though the decrease was not statistically significant. The decrease was largely attributed to decrease in infant deaths due to short gestation and low birth weight, and maternal complications. A gradual decrease is expected for the next five years, based on the general decreasing trend in data 1999-2008, and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form12_Outcome Measure 1
Field Name: OM01
Row Name:
Column Name:
Year: 2007
Field Note:
Source: Missouri Information for Community Assessment (MICA) - Deaths, MICA - Births, and the Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final data will be available in November 2008.

Trend analysis on data 1998-2007 shows an overall gradual decrease in infant mortality rate. A decrease of 0.2 per 1,000 every two years was chosen to create objectives 2008-2012, based on trend analysis on data 1998-2007 and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form12_Outcome Measure 1
Field Name: OM01
Row Name:
Column Name:
Year: 2006
Field Note:
The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

OUTCOME MEASURE # 02

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	2.4	2.3	2.2	2.5	2.5
Annual Indicator	2.3	2.3	2.5	2.8	2.5
Numerator	14.9	14.8	14.9	16.3	14.6
Denominator	6.4	6.3	6	5.9	5.9
Data Source					
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	2.4	2.4	2.3	2.3	2.2
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form12_Outcome Measure 2
   Field Name: OM02
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Deaths, MICA - Births, DHSS Vital Statistics. 2008 provisional data as of April, 2009. 2008 final data will be available in October, 2009.

   An increase in black/white infant mortality rate (IMR) ratio in 2007 did not continue in 2008. IMR ratio decreased from 2.8 in 2007 to 2.5 in 2008, due to decrease in IMR in African-Americans. Objectives 2009-2013 were created with consideration of trend analysis on data 1990-2008 and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form12_Outcome Measure 2
   Field Name: OM02
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Deaths, MICA - Births, and Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final data will be available in November 2008.

   Future objectives 2008-2012 were created with consideration of trend analysis on data 1990-2006 and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form12_Outcome Measure 2
   Field Name: OM02
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

OUTCOME MEASURE # 03

The neonatal mortality rate per 1,000 live births.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	5.1	5.1	4.5	4.4	5
Annual Indicator	4.8	4.7	4.9	5.0	4.4
Numerator	374	370	397	409	353
Denominator	77,709	78,547	81,353	81,883	80,868
Data Source					
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	4.4	4.4	4.3	4.3	4.3
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form12_Outcome Measure 3
   Field Name: OM03
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA)-Deaths, MICA-Births, DHSS Vital Statistics. 2008 provisional data as of April, 2009. 2008 final data will be available in October, 2009.

   The neonatal death rate in Missouri in 2008 showed a marginally significant decrease compared with that in 2007. A gradual decrease is expected for the next five years, based on the general decreasing trend in data 1999-2008, and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form12_Outcome Measure 3
   Field Name: OM03
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Vital Statistics Annual Reports, Missouri Information for Community Assessment (MICA) - Births, and the Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final data will be available in November 2008.

   Trend analysis based on data 1998-2007 shows an overall gradual decrease in neonatal mortality rate. A decrease of 0.1 per 1,000 every two years was chosen to create objectives 2008-2012, based on trend analysis on data 1998-2007 and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form12_Outcome Measure 3
   Field Name: OM03
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

OUTCOME MEASURE # 04

The postneonatal mortality rate per 1,000 live births.

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	2.6	2.6	2.6	2.6	2.5
Annual Indicator	2.7	2.8	2.5	2.5	2.7
Numerator	209	218	202	204	218
Denominator	77,709	78,547	81,353	81,883	80,868
Data Source					
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	2.6	2.5	2.5	2.4	2.4
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form12_Outcome Measure 4
   Field Name: OM04
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA)-Deaths, MICA-Births, DHSS Vital Statistics. 2008 provisional data as of April, 2009. 2008 final data will be available in October, 2009.

   The postneonatal death rate in Missouri in 2008 slightly increased compared with that in 2007, though the increase was not statistically significant. A gradual decrease is expected for the next five years, based on the overall decreasing trend in data 1998-2007, and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form12_Outcome Measure 4
   Field Name: OM04
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Vital Statistics Annual Reports, Missouri Information for Community Assessment (MICA) - Births, and the Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final data will be available in November 2008.

   Trend analysis based on data 1998-2007 shows an overall gradual decrease. A decrease of 0.1 per 1,000 every two years was chosen to create objectives 2008-2012, with consideration of trend analysis on data 1998-2007 and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form12_Outcome Measure 4
   Field Name: OM04
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

OUTCOME MEASURE # 05

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	10.9	10.9	10.2	9.7	9.9
Annual Indicator	10.7	9.6	9.8	10.1	9.5
Numerator	840	759	801	833	773
Denominator	78,175	79,008	81,814	82,385	81,361
Data Source					
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	9.5	9.4	9.4	9.3	9.3
Annual Indicator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Numerator					
Denominator					

Field Level Notes

1. **Section Number:** Form12_Outcome Measure 5
   Field Name: OM05
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA)-Deaths, MICA-Births, MICA-Pregnancies, DHSS Vital Statistics. Provisional 2008 data as April 2009. Final data will be available October 2009.

   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 fetal deaths.

   A gradual decrease of 0.1 per 1,000 for every two years is expected for the next five years, based on a combination of trend analysis on data 1999-2008, and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

2. **Section Number:** Form12_Outcome Measure 5
   Field Name: OM05
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Pregnancy, MICA Births, and the Bureau of Health Informatics, MO DHSS. 2007 provisional data as of April 28, 2008. 2007 final data will be available in November 2008.

   Calculation of the numerator perinatal deaths was revised from taking 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 28 days to using the number of fetal deaths plus the number of infant deaths under 7 days. 2005-2007 data have been updated using the revised definition.

   Future objectives 2008-2012 were created based on trend analysis on data 1999-2007 and discussions with the Office of Epidemiology, the Bureau of Health Informatics, and the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form12_Outcome Measure 5
   Field Name: OM05
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

   Updated field notes as of May 2008:
   Numerator perinatal deaths in 2006 was revised from taking the number of fetal deaths (>=20 weeks of gestation) plus the number of infant deaths under 28 days to using the number of fetal deaths plus the number of infant deaths under 7 days.

OUTCOME MEASURE # 06

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

Annual Objective and Performance Data

	2004	2005	2006	2007	2008
Annual Performance Objective	23.4	23.1	22.8	22.5	21.6
Annual Indicator	25.7	20.9	21.1	22.5	19.5
Numerator	273	226	230	245	212
Denominator	1,063,781	1,083,861	1,087,856	1,087,345	1,087,345
Data Source					
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

Annual Objective and Performance Data

	2009	2010	2011	2012	2013
Annual Performance Objective	19.5	19.5	19.3	19.3	19.1
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

Field Level Notes

1. **Section Number:** Form12_Outcome Measure 6
   Field Name: OM06
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA)-Deaths & MICA-Population, DHSS Vital Statistics. Numerator is based on 2008 provisional death file as of April 2009. 2008 final death data will be available October, 2009. Denominator is 2007 population estimate of children 1-14 years of age, The 2008 population estimate will be available November, 2009.

   A decrease of 0.2 per 100,000 for every two years was used to create objectives 2009-2013, based on a combination of the overall decreasing trend in data 1999-2008, and discussions with the Section of Families and Youth, MO DHSS.

2. **Section Number:** Form12_Outcome Measure 6
   Field Name: OM06
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Deaths, MICA - Population, and the Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 denominator of population estimate for 1-14 years of age is not available yet, and 2006 population estimate is used as a proxy for 2007. 2007 final data will be available in November 2008.

   Future objectives 2008-2012 were based on trend analysis on data 1999-2007, and discussions with the Section of Healthy Families and Youth, MO DHSS.

3. **Section Number:** Form12_Outcome Measure 6
   Field Name: OM06
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2005 provisional numbers used for denominator until more current numbers available.

   The MO Department of Health and Senior Services is in the process of revising the annual performance objectives for next year.

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.

1

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.

1

Total Score: 14

Rating Key
0 = Not Met
1 = Partially Met
2 = Mostly Met
3 = Completely Met

FORM NOTES FOR FORM 13

Comments and Ratings based on data information from Family Partnership Initiative.

FIELD LEVEL NOTES

1. **Section Number:** Form13_Main
   Field Name: Question1
   Row Name: #1. Family members participate on advisory committee or task forces...
   Column Name:
   Year: 2010
   Field Note:
   The Family Partners provided training, information, referral, resource acquisition, and mentoring to family members throughout the state. Family Partners were reimbursed for expenses related to these activities. Family members received a stipend for participating in Family Partnership meetings. Family Partners and volunteer family members reviewed and provided feedback on SHCN materials and policy. Family members worked with SHCN staff and contractors, attending meetings and working individually with referrals and family support.

2. **Section Number:** Form13_Main
   Field Name: Question2
   Row Name: #2. Financial support (...) is offered for parent activities or parent groups.
   Column Name:
   Year: 2010
   Field Note:
   Title V MCH Block Grant funds were used to provide financial support to the Family Partnership. These funds included reimbursement for travel, time and other expenses for activities related to the Family Partnership, including stipends for family members to participate in meetings.

3. **Section Number:** Form13_Main
   Field Name: Question3
   Row Name: #3. Family members are involved in the Children with Special Health Care Needs...
   Column Name:
   Year: 2010
   Field Note:
   The Family Partners were given an opportunity to provide input regarding the TVBG application through the "Proposed Use of Funds." The process for obtaining public comments included placing the Proposed Use of Funds document on the Department's Web site and electronic notification of location of Proposed Use of Funds sent to key stakeholders including Family Partners, DHSS
   management and all 114 local public health agencies (LPHAs). An article was placed in a weekly electronic newsletter "Friday Facts" prepared by Center for Local Public Health Services. Responses were received from individuals and maternal and child health stakeholders throughout the state.

4. **Section Number:** Form13_Main
   Field Name: Question4
   Row Name: #4. Family members are involved in service training of CSHCN staff and providers.
   Column Name:
   Year: 2010
   Field Note:
   Family Partners presented an overview of the Family Partnership initiative at the annual statewide Service Coordinator meeting. Family Partners routinely gave updates and overviews on the Family Partnership Initiative at Regional Office meetings.

5. **Section Number:** Form13_Main
   Field Name: Question5
   Row Name: #5. Family members hired as paid staff or consultants to the State CSHCN program...
   Column Name:
   Year: 2010
   Field Note:
   SHCN had a contract with Miller County Health Center to hire Family Partners. The Scope of Work specifically stated that the contractor would hire parents of family members of an individual with a special health care need. All Family Partners were parents of individuals with a special health care need.

6. **Section Number:** Form13_Main
   Field Name: Question6
   Row Name: #6. Family members of diverse cultures are involved in all of the above activities
   Column Name:
   Year: 2010
   Field Note:
   The Family Partnership has reached out to minority groups in Missouri, but has achieved limited success in increasing sustained cultural diversity within the parents working with the Family Partnership on an ongoing basis.

FORM 14
LIST OF MCH PRIORITY NEEDS

[Sec. 505(a)(5)]

STATE: MO FY: 2010

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. Support Adequate Early Childhood Development and Education
2. Improve Mental Health Status of MCH Populations
3. Enhance Environmental Supports and Policy Planning/Development for Prevention of Chronic Disease
4. Reduce Interpersonal/Domestic Violence Among MCH Populations
5. Prevent and Reduce Smoking Among Adolescents and Women
6. Reduce Obesity Among Children, Adolescents, and Women
7. Reduce Disparities in Birth Outcomes
8. Reduce Intentional and Unintentional Injuries Among Infants, Children, and Adolescents
9. Improve Access to Care
10. Reduce and Prevent Oral Health Conditions Among MCH Populations

FORM NOTES FOR FORM 14

None

FIELD LEVEL NOTES

None

FORM 15
TECHNICAL ASSISTANCE(TA) REQUEST

STATE: MO **APPLICATION YEAR: 2010**

No.	Category of Technical Assistance Requested	Description of Technical Assistance Requested *(max 250 characters)*	Reason(s) Why Assistance Is Needed *(max 250 characters)*	What State, Organization or Individual Would You suggest Provide the TA (if known) *(max 250 characters)*
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: N/A	Evaluation of Missouri's MCH System	Current infrastructure is based on data and experience. Additional efficiencies and effectiveness is possible and should be maximized.	Unknown
2.	**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: N/A	Implementation of the "Lifecourse" perspective	Research supports this philosophy as a means to improve health outcomes for pregnant women and children.	Unknown
3.	**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: N/A	Health Literacy	Providing health information requires methods beyond the traditional paper methods. Newer communication tools exist which are more effective and efficient than current means.	Unknown
4.	**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: 3	Expansion of Medical Home	Improves health outcomes for all recipients and should be a benefit for all pregnant women and children.	Unknown
5.	**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: 8	Prevention of Teen Pregnancy	Assist in identifying areas or methods where additional programs/services may be targeted to reduce teen pregnancies.	Unknown
6.	**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: 13	Health Care Access	Identifying challenges which reduce health care access and population groups where the challenges are greatest.	Unknown
7.	**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: N/A	Healthy Birth Outcomes/Infant Mortality	Identifying challenges in programs, agencies and/or policies would allow for corrective action and address Missouri 2005 Priority Need "Reduce Disparities in Birth Outcomes".	Attempted to obtain TA, but no positive response has been received.
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:	Percent of women who have reported smoking during pregnancy.
STATUS:	Active
GOAL	To reduce the number of low birth weight babies.
DEFINITION	Percent of women who have reported smoking during pregnancy. **Numerator:** Number of women who report smoking during pregnancy at time of delivery. **Denominator:** Total number of women who delivered babies. **Units:** 100 **Text:** Percent
HEALTHY PEOPLE 2010 OBJECTIVE	16-17c. Increase abstinence from cigarettes among pregnant women to 99%.
DATA SOURCES AND DATA ISSUES	Prenatal drug prevalence studies conducted in 1993, 1997, and 2001 identified tobacco as the most prevalent substance used among Missouri pregnant women. Additionally, tested urine specimens revealed that smoking during pregnancy was alarmingly high among non-Hispanic white adolescents at 40.7 percent and rose dramatically among non-Hispanic black adolescents from 5.3 percent in 1997 to 15.4 percent in 2001. Smoking during pregnancy is the single most preventable cause of illness and death among mothers and infants. Cigarette smoking contributes to an estimated 10% of infant deaths and 30% of low birth weight infants. In 1996, smoking during pregnancy resulted in an estimated $10,000,000 in smoking-attributable neonatal expenditures in Missouri. In 2000, 26 infants died due to maternal smoking during pregnancy.
SIGNIFICANCE	Infants born to mothers who do not smoke are more likely to be born full-term, at the appropriate weight, and healthier.

SP # 2

PERFORMANCE MEASURE:	Percent of cigarette smoking among children 14-18 years of age.
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:** The number of adolescents completing the YRBS. **Units:** 100 **Text:** Percent
HEALTHY PEOPLE 2010 OBJECTIVE	27-2b. Reduce cigarette use by adolescents to 16%.
DATA SOURCES AND DATA ISSUES	The Youth Risk Behavioral survey conducted by the Department of Elementary and Secondary Education every two years. 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	Tobacco use among Missouri adults remained steady over the past decade with 27.2 percent reporting smoking in 2003, the third highest rate among all states. During the same decade, smoking among pregnant women in Missouri declined significantly by 26.6 percent, from 24.8 percent in 1990 to 18.2 percent in 2002, as determined by self-reported information on birth certificates. However, smoking among pregnant females aged 15-19 years remained high at 27.2 percent in 2001-2002, and overall smoking during pregnancy in Missouri ranked 8th highest among all states.

SP # 3

PERFORMANCE MEASURE:	Percent of mothers who are prepregnancy overweight by 20% or more.
STATUS:	Active
GOAL	Reduce the % of mothers who are overweight by 20% or more during pre-pregnancy.
DEFINITION	Percent of resident live births to women whose pre-pregnancy weight for height is equal to or greater than 20 percent over the desired weight for height according to the 1959 Metropolitan Life Insurance tables. **Numerator:** Resident live births to women whose pre-pregnancy weight for height is equal to or greater than 20 percent over the desired weight for height according to the 1959 Metropolitan Life Insurance tables. **Denominator:** Resident live births. **Units:** 100 **Text:** Percent
HEALTHY PEOPLE 2010 OBJECTIVE	N/A
DATA SOURCES AND DATA ISSUES	Missouri Information for Community Assessment (MICA)- Birth Data is maintained by the Bureau of Health Informatics.
SIGNIFICANCE	Missouri's percentage of mothers who are pre-pregnancy overweight by 20% or more has increased from 35.2% in 2000 to 36.9% in 2003. Overweight (or obese) women are at a higher risk of developing Type II diabetes, high blood pressure, high cholesterol levels, and other harmful health conditions.

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:** The number of adolescents completing the YRBS. **Units:** 100 **Text:** Percent
HEALTHY PEOPLE 2010 OBJECTIVE	There is no specific HP 2010 objective for the currently recommended levels of physical activity for There is HP 2010 objective for the previously recommended levels of physical activity for youth: 22-7. Increase the proportion of adolescents who engage in vigorous physical activity that promotes cardiorespiratory fitness 3 or more days per week for 20 or more minutes per occasion. Target: 85 percent. Baseline: 64 percent of students in grades 9 through 12 engaged in vigorous physical activity 3 or more days per week for 20 or more minutes per occasion in 1997. Data source: CDC, NCCDPHP. Youth Risk Behavior Survey (YRBS). The YRBS is conducted by the Department of Elementary and Secondary Education every two years.
DATA SOURCES AND DATA ISSUES	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. Data before 2005 reflect the previously recommend physical activity for youth: “participation in physical activity for at least 20 minutes that made them sweat and breathe hard on >=3 of the past seven days.” Data reported in 2005 and later reflect the current physical activity recommendation for youth: "participation 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". Therefore, the indicator data 2005 and later are not comparable with those before 2005.
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:	Percent of women who enrolled in WIC during first trimester of pregnancy.
STATUS:	Active
GOAL	To increase percent of women participating in WIC at first trimester of pregnancy.
DEFINITION	Percent of women who enrolled in WIC during 0-13 weeks in the gestation period in a given calendar year. **Numerator:** Number of women who enrolled in WIC during 0-13 weeks in the gestation period in a given calendar year. **Denominator:** Number of women enrolled in WIC in a given calendar year **Units:** 100 **Text:** Percent
HEALTHY PEOPLE 2010 OBJECTIVE	N/A
DATA SOURCES AND DATA ISSUES	Source: Centers for Disease Control and Prevention. Data Tables of the Pregnancy Nutrition Surveillance System (PNSS), Missouri. Limitations of the data: 1) an assumption that the majority of low-income women are at nutritional risk; 2) PNSS is a program-based surveillance system and limited to WIC population
SIGNIFICANCE	WIC enrollment in the first trimester is essential to ensure maximum impact on the health of mothers and infants. Early prenatal WIC participation is associated with improved birthweights, reduction in preterm delivery and small for gestational age deliveries, and increase in incidence of breastfeeding.

SP # 6

PERFORMANCE MEASURE:	The incidence of emergency room visits for diseases of teeth and jaw for children ages under 15 per 1,000 population.
STATUS:	Active
GOAL	To reduce the incidence of emergency room visits for diseases of teeth and jaw for children ages under 15 per 1,000 population.
DEFINITION	Diagnoses and procedures associated with emergency room visits are classified in accordance with the Ninth Revision of the International Classification of Diseases (ICD-9). This classification is the result of close collaboration among many nations and non- governmental organizations, under the auspices of the World Health Organization. Its original use was to classify causes of mortality. Later, it was extended to include diagnoses in morbidity. For example, the "clinical modification" of the ICD is used in categorizing hospital diagnoses. In practice, the ICD has become the international standard diagnostic classification for all general epidemiological, as well as health management, purposes. The ninth revision of the ICD has been used to classify diseases and procedures for the Patient Abstract System since 1979. **Numerator:** Number of incidents reported through the Patient Abstract System. **Denominator:** State population estimate. **Units:** 1000 **Text:** Rate
HEALTHY PEOPLE 2010 OBJECTIVE	N/A
DATA SOURCES AND DATA ISSUES	The source of these data is the Patient Abstract System (PAS) data file maintained by the Bureau of Health Informatics, which is compiled from hospital discharges, emergency room visits, and outpatient surgery records that are reported to the Department of Health and Senior Services by state law. The reporting requirements for the PAS have been in place in Missouri continuously since 1993. In some instances, certain data values in the patient record are missing or miscoded. Visits with missing or miscoded data values are included in the statewide totals, but may not be included within the displayed categories of certain variables (e.g., race, county of residence). Thus, a total of all categories of a variable may not equal the statewide total for that variable. Patients with a missing state of residence were deleted from the analysis file. Those visit records identified as Missouri residents, but missing a county identifier, are included in the statewide totals only.
SIGNIFICANCE	Today most American children enjoy excellent oral health. Poor oral health is found primarily among children living in poverty, some racial/ethnic minority populations, disabled children, and children with HIV infection. Tooth decay remains one of the most common diseases of childhood – 5 times as common as asthma and 7 times as common as hay fever. More than half of children aged 5-9 have had at least one cavity or filling; 78 percent of 17-year-olds have experienced tooth decay. By age 17, more than 7 percent of children have lost at least one permanent tooth to decay. Injuries to children, intentional and non-intentional, often involve trauma to the head, neck, and mouth. The leading causes of oral and head injuries are sports, violence, falls, and motor vehicle crashes. One in four American children are born into poverty (annual income of $17,000 or less for a family of four). Children and adolescents living in poverty suffer twice as much tooth decay as their more affluent peers, and their disease is more likely to go untreated. Children from families without medical insurance are 2.5 times less likely than insured children to receive dental care. Children from families without dental insurance are 3 times more likely than insured children to have unmet dental needs. For every child without medical insurance, there are 2.6 who lack dental insurance.

SP # 7

PERFORMANCE MEASURE:	The incidence of domestic violence per 100,000 population.
STATUS:	Active
GOAL	To reduce the incidence of domestic violence per 100,000 population.
DEFINITION	Domestic violence incidents are reported whether or not an arrest is made and include any dispute arising between spouses, former spouses, persons with child(ren) in common regardless of whether they reside together, persons related by blood, persons related by marriage, non-married persons currently residing together, and non-married persons who have resided together in the past. Domestic violence incidents are reported when an officer believes a dispute crosses an abuse threshold as indicated by harassment, stalking, coercion, assault, sexual assault, battery, or unlawful imprisonment. Domestic violence incidents are reported by the highest ranked relationship between victim and offender, regardless of the number of persons or potential multiple relationships present during an incident. **Numerator:** Number of incidents reported through the Uniform Crime Reporting Program. **Denominator:** State population estimate. **Units:** 100000 **Text:** Rate
HEALTHY PEOPLE 2010 OBJECTIVE	N/A
DATA SOURCES AND DATA ISSUES	The Missouri Uniform Crime Reporting Program does not require law enforcement agencies to report victim / offender relationships in domestic violence incidents. For this reason, the sum of the victim / offender relationship may not equal total domestic violence incidents. This measure does not include incidents between persons who are or who have been in a continuing social relationship of a romantic nature with the victim.
SIGNIFICANCE	Domestic violence is now clearly recognized as criminal behavior, but is often minimized within the context of parenting. This impact is pervasive in nature and has both direct and indirect effects on women and children. Living with violence terrorizes children and presents a formidable barrier to women's resources and confidence to meet their children's needs. The dynamic of interpersonal violence contradicts the fundamental principles of mutual respect, trust, equality and cooperation required for effective co-parenting.

SP # 8

PERFORMANCE MEASURE:	Percent of women 18-44 years of age who reported frequent mental distress (FDM) for fourteen or more days during the past thirty days their mental health was not good.
STATUS:	Active
GOAL	To reduce the percent of women of childbearing age who report poor mental health.
DEFINITION	Poor mental health is defined as an individual's mental health, which includes stress, depression, and problems with emotions, reported as mental health not good on fourteen or more days during the past thirty days. (BRFSS) **Numerator:** Number of women 18-44 years of age who reported that on fourteen or more days during the past thirty days their mental health was not good. **Denominator:** Number of respondents who were women 18-44 years excluding respondents who were women 18-44 years with do not know/refused or with missing responses. **Units:** 100 **Text:** Percent
HEALTHY PEOPLE 2010 OBJECTIVE	N/A
DATA SOURCES AND DATA ISSUES	The Behavioral Risk Factor Surveillance System conducted by the Department of Health and Senior Services annually. The limitations of this data include bias introduced by the BRFSS methodology, and statistical issues related to sample sizes. BRFSS limitations include bias introduced by relying on telephone interviews (excluding households without telephones, individuals with hearing, speech, cognitive, or other communication impairments or who are institutionalized) (Hough, 1999) and the exclusion of persons < 18 years. All data collected by the BRFSS are based on self-reports from the respondents. By its nature, self-reported data may be subject to error for several reasons. An individual may have difficulty remembering events that occurred a long time ago or the frequency of certain behaviors. Some respondents may overreport socially desirable behaviors, while underreporting behaviors they perceive to be less acceptable.
SIGNIFICANCE	Providing continuous care and attention of children is a demanding task, and poor mental health in mothers might be expected to have adverse consequences on their children's health and development. Several studies in wealthy countries provide compelling evidence that postnatal depression is associated with long-term emotional, cognitive, and behavioral problems in children.

SP # 9

PERFORMANCE MEASURE:	Percent of special needs children ages 3-5 enrolled in public preschool programs.
STATUS:	Active
GOAL	Increase the percent of special needs children ages 3-5 who are enrolled in special public preschool programs.
DEFINITION	A special need child is defined as having been diagnosed with one of the following: mental retardation, autism, emotional disturbance, speech or language impairment, orthopedic impairment, visual impairment, hearing impairment, brain injuries, or specific learning disabilities. **Numerator:** The number of children ages 3-5 enrolled in public preschool programs during the specified year who are identified as having special needs. **Denominator:** Total resident population of children ages 3-5 during the specified school year (State population estimate). **Units:** 100 **Text:** Percent
HEALTHY PEOPLE 2010 OBJECTIVE	N/A
DATA SOURCES AND DATA ISSUES	The data is provided by the Missouri Department of Elementary and Secondary Education (DESE). The numerator includes children who are parentally placed in private schools who are receiving special education services through public schools. The denominator does not include these children. In districts with large number of private school kids, this inflates the incidence rate. DESE will probably change the formulation so that private school students are separated from the public school students with disabilities.
SIGNIFICANCE	During the past six school years (1998-2004), DESE has sponsored the Missouri Preschool Exit Assessment Project, in which public preschool teachers have assessed their exiting preschoolers using the School Entry Profile measurement instrument. This instrument consists of 65 items that reflect important entry-level skills, knowledge, behaviors, and dispositions, including symbolic development, communication, mathematical/physical knowledge, working with others, learning to learn, physical development, and conventional knowledge. The results of the project have consistently shown a significant improvement in physical and mental development among disabled and healthy children who were enrolled in preschool when compared to children entering kindergarten without preschool experience, using the same School Entry Profile instrument (Pfannenstiel 2002, 2003, 2004). Young children with disabilities benefit from enrollment in preschool during the critical early childhood years. The Missouri Department of Health and Senior Services will use an early childhood performance measure to ensure these children are receiving a proper education.

SP # 10

PERFORMANCE MEASURE:	Percent of children ages 0-19 years old who received health care at a FQHC.
STATUS:	Active
GOAL	To increase the percent of children ages 0-19 years old who received health care at a FQHC.
DEFINITION	The percent of children ages 0-19 who received care at Federally Qualified Health Care Centers (FQHC). **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 2010 OBJECTIVE	N/A
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 MEASURE # 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.

	Annual Indicator Data				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	39.3	34.6	36.4	31.7	31.7
Numerator	1,460	1,326	1,406	1,245	1,245
Denominator	371,829	383,096	386,752	393,177	393,177
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:** Form17_Health Systems Capacity Indicator #01
   Field Name: HSC01
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Numerator is from DHSS patient abstract system, inpatient hospitalization data. Provisional 2007 used as proxy for 2008. Final hospital discharge information & 2008 population will be available November, 2009.
   Population estimate for 2007 is used as proxy for 2008 denominator, obtained from Missouri Information for Community Assessment (MICA)-Population.

2. **Section Number:** Form17_Health Systems Capacity Indicator #01
   Field Name: HSC01
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Inpatient Hospitalization, and the Bureau of Health Informatics, MO DHSS. 2007 data will be available in December 2008, and 2006 data are used as proxy for 2007.

3. **Section Number:** Form17_Health Systems Capacity Indicator #01
   Field Name: HSC01
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   The data is from the Patient Abstract System. There is a one year lag time in receiving data from the reporting hospitals. Current 2006 data won't be available until Fall, 2007. 2005 estimate used for 2006 denominator until more current numbers available.

   The numerators and denominators have been revised to include only MO residents with an ICD-9 Code of 493.0 - 493.9.

HEALTH SYSTEMS CAPACITY MEASURE # 02

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

	Annual Indicator Data				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	89.2	91.9	92.8	90.8	90.7
Numerator	31,672	34,465	40,497	40,857	41,175
Denominator	35,517	37,488	43,619	44,982	45,389
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: 2008
   Field Note:
   Source: Division of Medical Services, Mo HealthNet, Dept of Social Services. Numerator is number of Mo HealthNet (Medicaid) enrollees (including SCHIP) age less than one year in FFY 2008 who received at least 1 periodic screen. Denominator is number of Mo HealthNet enrollees (including SCHIP) whose age is less than one year in FFY 2008.

2. **Section Number:** Form17_Health Systems Capacity Indicator #02
   Field Name: HSC02
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: MO HealthNet Division, Missouri Department of Social Services.

   Numerator is the number of Medicaid enrollees (including SCHIP) whose age is less than one year in FFY 2007 who received at least one initial or periodic screen. Denominator is the number of Medicaid enrollees (including SCHIP) whose age is less than one year in FFY 2007.

3. **Section Number:** Form17_Health Systems Capacity Indicator #02
   Field Name: HSC02
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Both numerator and denominator obtained from Division of Medical Services. Denominator = total eligibles < 1 year of age who should receive at least one initial or periodic screening in 2006 = 43619. Numerator = total eligibles < 1 year of age who received at least one initial or periodic screening in 2006 = 40,497. Numerator and denominator were then multiplied by the proportion of individuals 0-19 years of age enrolled in Medicaid (0.876, obtained from Form 21, HSI #09A) vs. those enrolled in SCHIP + Medicaid.

HEALTH SYSTEMS CAPACITY MEASURE # 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.

	Annual Indicator Data				
	2004	2005	2006	2007	2008
Annual Indicator	89.2	91.9	92.8	90.8	90.8
Numerator	5,336	4,879	582	433	442
Denominator	5,984	5,307	627	477	487
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 #03
   Field Name: HSC03
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Mo HealthNet Division, Dept of Social Services. Revised in 2006 to reflect more accurate percentage. Denominator is final 2008 number of SCHIP enrollees <1 year of age in FFY 2008. Mo HealthNet tracks only total (Mo HealthNet clients plus SCHIP)EPSDT numbers but does not track SCHIP EPSDT numbers for this age group. Numerator estimate is multiplication of the number of Mo HealthNet (including SCHIP) enrollees <1 year who received at least 1 screen (41,175) from HSI #2 by the percent of SCHIP enrollees under 1 year (487/45,389=0.0107. FFY 2008).

2. **Section Number:** Form17_Health Systems Capacity Indicator #03
   Field Name: HSC03
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: MO HealthNet Division, Missouri Department of Social Services.

   The method to determine denominator and numerator for this measure was revised to reflect more accurate information on SCHIP. The denominator is the number of SCHIP enrollees less than one year of age in FFY 2007. MO HealthNet only tracks total HealthNet (Medicaid including SCHIP) EPSDT numbers for children under one year of age, but does not track SCHIP EPSDT numbers for this age group. Therefore, the numerator is estimated by multiplying the number of Medicaid (including SCHIP) enrollees under one year of age who received at least one initial periodic screen (40,857 in FFY 2007, HSCI #2) by the proportion of SCHIP enrollees under one year of age among the total number of Medicaid (including SCHIP) enrollees under one year of age (477 / 44,982 = 0.0106, FFY 2007).

   2006 denominator and numerator were also changed based on the revised method.

3. **Section Number:** Form17_Health Systems Capacity Indicator #03
   Field Name: HSC03
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Both numerator and denominator obtained from Division of Medical Services. Numerator and denominator were obtained by multiplying the proportion of individuals 0-19 years of age enrolled in SCHIP (0.126, obtained from Form 21, HSI #09A) vs. those enrolled in SCHIP + Medicaid.

HEALTH SYSTEMS CAPACITY MEASURE # 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				
	2004	2005	2006	2007	2008
Annual Indicator	78.5	79.2	77.2	75.2	74.3
Numerator	61,010	62,177	62,764	61,545	60,103
Denominator	77,709	78,547	81,353	81,883	80,868
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: 2008
   Field Note:
   Source: Birth Data, DHSS Vital Statistics. 2008 provisional data as of April 2009. Final birth information will be available October 2009.

   MO experienced a slight but noticeable decline in this measure in the past three years 2006-08. The decline was slightly larger for Medicaid population than for non-Medicaid population. This decline is attributable to a lack of OB health care providers, especially in the southeast segment of the state and those willing to serve the Medicaid population. In addition, it appears that OB providers utilizing a software program for prenatal visits are transferring records to the anticipated birth hospitals earlier in the pregnancy (i.e.: 36 weeks) and fail to send subsequent visits giving the appearance an inadequate number of prenatal visits occurred. Adequate prenatal care (PNC) followed the similar pattern observed for early PNC. MO will continue to investigate the effect of this practice.

   As explained for the National Performance Measure #18 - early PNC, more recent changes to welfare and Medicaid policy might limit further improvements in adequate PNC. Change in reporting system might also be a factor.

2. **Section Number:** Form17_Health Systems Capacity Indicator #04
   Field Name: HSC04
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Births,
   and the Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final birth data will be available in October 2008.

HEALTH SYSTEMS CAPACITY MEASURE # 07A

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

	Annual Indicator Data				
	2004	2005	2006	2007	2008
Annual Indicator	81.8	80.0	79.7	79.2	79.1
Numerator	324,000	356,000	358,000	361,000	412,000
Denominator	396,000	445,000	449,000	456,000	521,000
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?				Provisional	Provisional

Field Level Notes

1. **Section Number:** Form17_Health Systems Capacity Indicator #07A
   Field Name: HSC07A
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Accurate number of potentially Mo HealthNet (Medicaid) eligible children is not available. Estimate of denominator and numerator are from US Census, Current Population Survey, Annual Social & Economic Supplement, 2008.
   Source: http://www.census.gov/cgi-bin/broker. Numerator is children age 17 years and under below 300% of FPL with Mo HealthNet coverage. Denominator is number of children age 0-17, below 300% FPL with Mo HealthNet coverage plus children age 0-17 below 300% FPL, and not covered by Mo HealthNet (uninsured).

2. **Section Number:** Form17_Health Systems Capacity Indicator #07A
   Field Name: HSC07A
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Accurate number of potentially Medicaid-eligible children is not available. Estimates of denominator and numerator are obtained from Current Population Survey Table Creator on the Census Bureau website:

   http://www.census.gov/hhes/www/cpstc/cps_table_creator.html

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

3. **Section Number:** Form17_Health Systems Capacity Indicator #07A
   Field Name: HSC07A
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Accurate Medicaid eligibility information currently not available. Estimates of denominator and numerator are obtained from Current Population Survey Table Creator on the Census Bureau website:

   http://www.census.gov/hhes/www/cpstc/cps_table_creator.html

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

HEALTH SYSTEMS CAPACITY MEASURE # 07B

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

	Annual Indicator Data				
	2004	2005	2006	2007	2008
Annual Indicator	34.2	33.7	35.0	38.3	37.5
Numerator	42,268	43,175	45,850	47,818	47,298
Denominator	123,636	128,262	131,054	124,885	126,014
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: 2008
   Field Note:
   Source: Mo HealthNet Division, Dept of Social Services. Numerator is the number of EPSDT eligible children age 6-9 years receiving any dental services in FFY 2008. Denominator is the number of children age 6-9 years eligible for EPSDT in FFY 2008.

   MO experienced a decline in this measure as compared to 2007, yet the rate remains higher than 2004 through 2006. It is anticipated this rate will continue to rise in the future based on the fact Medicaid requires all of their Managed Care Plans to conduct a performance improvement project on improving this rate for all children enrolled.

2. **Section Number:** Form17_Health Systems Capacity Indicator #07B
   Field Name: HSC07B
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: MO HealthNet Division, Missouri Department of Social Services.
   Numerator is the number of EPSDT eligible children aged 6-9 years receiving any dental services in FFY 2007. Denominator is the number of children aged 6-9 years eligible for EPSDT in FFY 2007.

3. **Section Number:** Form17_Health Systems Capacity Indicator #07B
   Field Name: HSC07B
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   Both numerator and denominator obtained from Department of Social Services, Division of Medical Services. Denominator = eligibles 6-9 years of age who received corrective treatment in 2006 + eligibles 6-9 years of age who received any dental services in 2006 + eligibles 6-9 years of age who received preventive dental services in 2006 + eligibles 6-9 years of age who received dental treatment services in 2006 = 131,054. Numerator = eligibles 6-9 years of age who received any dental services in 2006 (45,850).

HEALTH SYSTEMS CAPACITY MEASURE # 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.

	Annual Indicator Data				
	2004	2005	2006	2007	2008
Annual Indicator	75.5	73.6	84.4	81.4	81.6
Numerator	13,653	14,308	14,434	14,421	14,668
Denominator	18,075	19,451	17,109	17,727	17,979
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: 2008
   Field Note:
   Denominator is number of Missouri SSI recipients under age 16 years as of December 2008. Source: Social Security Administration Supplemental Security Record. http://www.hrtw.org/youth/data/html.#ssi
   Numerator is the number of Missouri Mo HealthNet enrollees referred for SSI supported rehab services as of December 2008 under age 16.

2. **Section Number:** Form17_Health Systems Capacity Indicator #08
   Field Name: HSC08
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Denominator is the number of SSI recipients under 16 years old in Missouri, December, 2007. Source: Social Security Administration, Supplemental Security Record, available at http://www.hrtw.org/youth/data.html#ssi

   Numerator is the number of Missouri Medicaid recipients <16 years of age who are referred for SSI supported rehabilitative services as of December 31, 2007. Source: Missouri Department of Social Services, Research and Evaluation Unit.

   Annual indicator for 2006 was revised based on the denominator the number of SSI recipients under 16 years old in Missouri, December, 2006. Source: Social Security Administration, Supplemental Security Record. The indicator 2005 and earlier was based on the denominator for ages under 18 years. Therefore the percents for 2007 and 2006 are not comparable with those for 2005 and earlier.

3. **Section Number:** Form17_Health Systems Capacity Indicator #08
   Field Name: HSC08
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   In order to better reflect the number of kids with special health care needs who are receiving rehabilitative services, for 2004 the definition of "State's CSHCN program" was broadened to include numbers of children that are served by Medicaid for SSI supported rehabilitative services. The denominator is the total number of children < 18 years of age in Missouri receiving SSI payments in December, 2005 (provisional 2005 number used). Denominator provided by SSI State Statistics Report for Missouri. The numerator is the total number of children < 16 years of age in Missouri in Medicaid that are referred for SSI supported rehabilitative services in December, 2006. Numerator provided by Missouri Department of Social Services, Research and Evaluation Unit.

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

INDICATOR #05 ***Comparison of health system capacity indicators for Medicaid, non-Medicaid, and all MCH populations in the State***	**YEAR**	**DATA SOURCE**	**POPULATION**		
			MEDICAID	**NON-MEDICAID**	**ALL**
a) *Percent of low birth weight (< 2,500 grams)*	2008	Payment source from birth certificate	9.1	7.2	8.1
b) *Infant deaths per 1,000 live births*	2008	Matching data files	8.4	5.3	7.1
c) *Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester*	2008	Payment source from birth certificate	76.2	91.2	83.8
d) *Percent of pregnant women with adequate prenatal care(observed to expected prenatal visits is greater than or equal to 80% [Kotelchuck Index])*	2008	Payment source from birth certificate	66.6	81.8	74.3

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

INDICATOR #06 ***The percent of poverty level for eligibility in the State's Medicaid programs for infants (0 to 1), children, Medicaid and pregnant women.***	**YEAR**	**PERCENT OF POVERTY LEVEL MEDICAID (Valid range: 100-300 percent)**
a) *Infants (0 to 1)*	2008	185
b) *Medicaid Children* (Age range 1 to 5) (Age range 6 to 18) (Age range ____ to ____)	2008	133 100
c) *Pregnant Women*	2008	185

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

INDICATOR #06 ***The percent of poverty level for eligibility in the State's SCHIP programs for infants (0 to 1), children, SCHIP and pregnant women.***	**YEAR**	**PERCENT OF POVERTY LEVEL SCHIP**
a) *Infants (0 to 1)*	2008	300
b) *Medicaid Children* (Age range 1 to 5) (Age range 6 to 18) (Age range ____ to ____)	2008	300 300
c) *Pregnant Women*	2008	185

FORM NOTES FOR FORM 18

None

FIELD LEVEL NOTES

None

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 Informatioin)

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	No
Annual linkage of birth certificates and Medicaid Eligibility or Paid Claims Files	3	No
Annual linkage of birth certificates and WIC eligibility files	1	No
Annual linkage of birth certificates and newborn screening files	2	No
REGISTRIES AND SURVEYS **Hospital discharge survey for at least 90% of in-State discharges**	3	No
Annual birth defects surveillance system	2	No
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	No
Other: Pediatric Nutrition Surveillance System(PedNSS)	3	Yes
WIC Program data	3	Yes
Pregnancy Risk Assessment Monitoring System (PRAM	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: 2010
   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 the web based profile 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: 2010
   Field Note:
   These data have not been linked since 1997. Parental consent would be required for the linkage.

3. **Section Number:** Form19_Indicator 09A
   Field Name: BAN
   Row Name: Annual linkage of birth certificates and newborn screening files
   Column Name:
   Year: 2010
   Field Note:
   Linked birth certificate data for 2002-2004 and part of 2005 to newborn hearing screening data for 2004 and 2005. The 2006 newborn hearing screening data linked to birth certificate data in 2008.

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: 2010
   Field Note:
   Comprehensive information on hospital discharge data is available to program staff and the public on web based data query and profile tools.

5. **Section Number:** Form19_Indicator 09A
   Field Name: BirthDefects
   Row Name: Annual birth defects surveillance system
   Column Name:
   Year: 2010
   Field Note:
   A system was in place for annual data linkages through FFY 2004. Beginning in FFY 2005, the prior CDC grant not awarded, but linkages have continued as time and resources allow. Currently not funded for this activity.

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: 2010
   Field Note:
   Started PRAMS in January, 2007. The 2007 data is available. 2008 data will be available in 2010.

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

Form Level Notes for Form 11

None

HEALTH STATUS INDICATOR MEASURE # 01A

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

	Annual Indicator Data				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	8.3	8.1	8.1	7.9	8.1
Numerator	6,440	6,372	6,579	6,456	6,581
Denominator	77,709	78,549	81,353	81,883	80,868
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: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Births,
   DHSS Vital Statistics. 2008 provisional data as of April 2009 Final birth data will be available in October 2009.

2. **Section Number:** Form20_Health Status Indicator #01A
   Field Name: HSI01A
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Births,
   and the Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final birth data will be available in October 2008.

HEALTH STATUS INDICATOR MEASURE # 01B

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

	Annual Indicator Data				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	6.5	6.3	6.3	6.2	6.4
Numerator	4,865	4,761	4,938	4,890	4,985
Denominator	75,091	75,805	78,577	79,204	78,088
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: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Births,
   DHSS Vital Statistics. 2008 provisional data as of April 2009 Final birth data will be available in October 2009.

2. **Section Number:** Form20_Health Status Indicator #01B
   Field Name: HSI01B
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Births,
   and the Bureau of Health Informatics, MO DHSS. 2007 provisional data as of April 28, 2008. 2007 final birth data will be available in October 2008.

HEALTH STATUS INDICATOR MEASURE # 02A

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

	Annual Indicator Data				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	1.5	1.5	1.5	1.5	1.4
Numerator	1,186	1,196	1,190	1,242	1,159
Denominator	77,709	78,549	81,353	81,883	80,868
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: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Births,
   DHSS Vital Statistics. 2008 provisional data as of April 2009 Final birth data will be available in October 2009.

2. **Section Number:** Form20_Health Status Indicator #02A
   Field Name: HSI02A
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Births,
   and the Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final birth data will be available in October 2008.

HEALTH STATUS INDICATOR MEASURE # 02B

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

	Annual Indicator Data				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	1.1	1.1	1.1	1.1	1.1
Numerator	854	862	893	903	863
Denominator	75,091	75,805	78,577	79,204	78,088
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 #02B
   Field Name: HSI02B
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Births,
   DHSS Vital Statistics. 2008 provisional data as of April 2009 Final birth data will be available in October 2009.

2. **Section Number:** Form20_Health Status Indicator #02B
   Field Name: HSI02B
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Births,
   and the Bureau of Health Informatics, MO DHSS. 2007provisional data as of April 28, 2008. 2007 final birth data will be available in October 2008.

HEALTH STATUS INDICATOR MEASURE # 03A

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

	Annual Indicator Data				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	12.5	10.1	10.5	13.3	12.7
Numerator	143	114	123	155	149
Denominator	1,141,490	1,129,720	1,169,209	1,169,228	1,169,228
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 #03A
   Field Name: HSI03A
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Deaths. DHSS Vital Statistics. Numerator includes motor vehicle accidents & all other unintentional injuries. 2008 provisional data as of April 2009 Final death data will be available in October 2009.
   Denominator is population estimate from MICA tables-population. 2007 being used as proxy for 2008. 2008 final population data will be available November 2009.

2. **Section Number:** Form20_Health Status Indicator #03A
   Field Name: HSI03A
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Deaths, MICA - Population, and Bureau of Health Informatics, MO DHSS. Numerator is based on 2007 provisional death data as of April 28, 2008. Denominator population estimate for children <=14 years of age for 2007 is not available yet, and population estimate for 2006 is used as a proxy for 2007. 2007 final data will be available in November 2008.

3. **Section Number:** Form20_Health Status Indicator #03A
   Field Name: HSI03A
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2005 estimate substituted into denominator until more current information available.

HEALTH STATUS INDICATOR MEASURE # 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				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	4.4	3.7	3.6	3.7	3.1
Numerator	50	43	42	43	36
Denominator	1,141,490	1,162,408	1,161,209	1,169,228	1,169,228
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 #03B
   Field Name: HSI03B
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Deaths. DHSS Vital Statistics. Numerator includes deaths due to motor vehicle accidents. 2008 provisional data as of April 2009 Final death data will be available in October 2009.
   Denominator is population estimate from MICA tables-population. 2007 being used as proxy for 2008. 2008 final data will be available November 2009.

2. **Section Number:** Form20_Health Status Indicator #03B
   Field Name: HSI03B
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Deaths, MICA - Population, and Bureau of Health Informatics, MO DHSS. Numerator is based on 2007 provisional death data as of April 28, 2008. Denominator population estimate for children <=14 years of age for 2007 is not available yet, and population estimate for 2006 is used as a proxy for 2007. 2007 final data will be available in November 2008.

3. **Section Number:** Form20_Health Status Indicator #03B
   Field Name: HSI03B
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2005 estimate substituted into denominator until more current information available.

HEALTH STATUS INDICATOR MEASURE # 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				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	37.0	40.6	36.1	30.7	29.5
Numerator	309	335	297	250	240
Denominator	835,011	824,951	823,814	813,974	813,974
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 #03C
   Field Name: HSI03C
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Deaths. DHSS Vital Statistics. Numerator includes deaths due to motor vehicle accidents. 2008 provisional data as of April, 2009 Final death data will be available in October 2009.
   Denominator is population estimate from MICA tables-population. 2007 being used as proxy for 2008. 2008 final data will be available November 2009.

2. **Section Number:** Form20_Health Status Indicator #03C
   Field Name: HSI03C
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Deaths, MICA - Population, and Bureau of Health Informatics, MO DHSS. Numerator is based on 2007 provisional death data as of April 28, 2008. Denominator population estimate for youth 15-24 years of age for 2007 is not available yet, and population estimate for 2006 is used as a proxy for 2007. 2007 final data will be available in November 2008.

3. **Section Number:** Form20_Health Status Indicator #03C
   Field Name: HSI03C
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2005 estimate substituted into denominator until more current information available.

HEALTH STATUS INDICATOR MEASURE # 04A

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

	Annual Indicator Data				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	203.2	204.2	197.5	199.9	199.9
Numerator	2,320	2,374	2,309	2,337	2,337
Denominator	1,141,490	1,162,408	1,169,209	1,169,228	1,169,228
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 #04A
   Field Name: HSI04A
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: DHSS. Missouri Information for Community Assessment (MICA) - Injuries, Patient Abstract System, & MICA-Population. Numerator is 2007 provisional injury data as a proxy for 2008. Denominator is population estimate of children age 14 year & under in 2007, as a proxy for 2008. 2008 data will be available November 2009.

   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:** Form20_Health Status Indicator #04A
   Field Name: HSI04A
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Injury, MICA - Population, and Bureau of Health Informatics, MO DHSS. 2007 data are not available yet, and 2006 data are used as proxy for 2007. 2007 final data will be available in December 2008.

   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:** Form20_Health Status Indicator #04A
   Field Name: HSI04A
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2005 estimate substituted into denominator until more current information available.

HEALTH STATUS INDICATOR MEASURE # 04B

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

	Annual Indicator Data				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	59.0	62.6	55.0	47.2	47.2
Numerator	674	728	643	552	552
Denominator	1,141,490	1,162,408	1,169,209	1,169,228	1,169,228
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 #04B
   Field Name: HSI04B
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: DHSS. Missouri Information for Community Assessment (MICA) - Injuries, Patient Abstract System, & MICA-Population. Numerator is 2007 provisional injury data as a proxy for 2008. Denominator is population estimate of children age 14 year & under in 2007, as a proxy for 2008. 2008 data will be available November 2009.

   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: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Injury, MICA - Population, and the Bureau of Health Informatics, MO DHSS. 2007 data are not available yet, and 2006 data are used as proxy for 2007. 2007 final data will be available in December 2008.

   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: 2006
   Field Note:
   2005 estimate substituted into denominator until more current information available.

HEALTH STATUS INDICATOR MEASURE # 04C

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

	Annual Indicator Data				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	256.6	254.6	252.8	218.3	218.3
Numerator	2,143	2,100	2,062	1,777	1,777
Denominator	835,011	824,951	815,536	813,974	813,974
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 #04C
   Field Name: HSI04C
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: DHSS. Missouri Information for Community Assessment (MICA) - Injuries, Patient Abstract System, & MICA-Population. Numerator is 2007 provisional injury data as a proxy for 2008. Denominator is population estimate of youth aged 15-24 in 2007, as a proxy for 2008. 2008 data will be available November 2009.

   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.

2. **Section Number:** Form20_Health Status Indicator #04C
   Field Name: HSI04C
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Source: Missouri Information for Community Assessment (MICA) - Injury, MICA - Population, and the Bureau of Health Informatics, MO DHSS. 2007 data are not available yet, and 2006 data are used as proxy for 2007. 2007 final data will be available in December 2008.

   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.

3. **Section Number:** Form20_Health Status Indicator #04C
   Field Name: HSI04C
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2005 estimate substituted into denominator until more current information available.

HEALTH STATUS INDICATOR MEASURE # 05A

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

	Annual Indicator Data				
	2004	2005	2006	2007	2008
Annual Indicator	33.5	34.4	34.3	34.8	37.4
Numerator	6,762	6,856	6,909	7,027	7,549
Denominator	201,738	199,543	201,137	202,081	202,081
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: 2008
   Field Note:
   Source: DHSS Center for Disease Control & Environmental Epi Denominator is 2007 US Census estimate of women age 15-19 years. 2008 population estimate will be available in November 2009. 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 2008. 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: 2007
   Field Note:
   Numerator is obtained from the Epidemiologic Profiles of HIV/AIDS and STDs in Missouri; denominator population estimate for women aged 15-19 years in 2007 is not available yet, and the 2006 estimate is used as a proxy for 2007. 2007 population estimate for specific age groups will be available in November 2008.

3. **Section Number:** Form20_Health Status Indicator #05A
   Field Name: HSI05A
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2005 estimate substituted into denominator until more current information available.

HEALTH STATUS INDICATOR MEASURE # 05B

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

	Annual Indicator Data				
	2004	**2005**	**2006**	**2007**	**2008**
Annual Indicator	8.9	9.3	9.6	9.7	10.2
Numerator	9,006	9,256	9,542	9,625	10,126
Denominator	1,008,252	1,000,208	996,798	989,565	989,565
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 #05B
   Field Name: HSI05B
   Row Name:
   Column Name:
   Year: 2008
   Field Note:
   Source: DHSS Center for Disease Control & Environmental Epi Denominator is 2007 US Census estimate of women age 20-44 years. 2008 population estimate will be available in November 2009. From the Numerator is from the Epidemiologic Profiles of HIV/AIDS and STDs in Missouri. Numerator is the number of reported cases in women ages 20-44 years in 2008. It is not the number of women with chlamydia diagnosis.

2. **Section Number:** Form20_Health Status Indicator #05B
   Field Name: HSI05B
   Row Name:
   Column Name:
   Year: 2007
   Field Note:
   Numerator is obtained from the Epidemiologic Profiles of HIV/AIDS and STDs in Missouri; denominator population estimate for women aged 20-44 years in 2007 is not available yet, and the 2006 estimate is used as a proxy for 2007. 2007 population estimate for specific age groups will be available in November 2008.

3. **Section Number:** Form20_Health Status Indicator #05B
   Field Name: HSI05B
   Row Name:
   Column Name:
   Year: 2006
   Field Note:
   2005 estimate substituted into denominator until more current information available.

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: 2007 Is this data from a State Projection? No Is this data final or provisional? Provisional

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	81,883	66,103	12,665	0	0	0	0	3,115
Children 1 through 4	311,294	253,579	50,479	0	0	0	0	7,236
Children 5 through 9	383,005	315,513	57,936	0	0	0	0	9,556
Children 10 through 14	393,046	323,281	60,854	0	0	0	0	8,911
Children 15 through 19	414,182	341,641	63,965	0	0	0	0	8,576
Children 20 through 24	399,792	335,404	54,580	0	0	0	0	9,808
Children 0 through 24	1,983,202	1,635,521	300,479	0	0	0	0	47,202

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	77,218	4,665	0
Children 1 through 4	294,158	17,136	0
Children 5 through 9	364,175	18,830	0
Children 10 through 14	376,815	16,231	0
Children 15 through 19	399,939	14,243	0
Children 20 through 24	385,409	14,383	0
Children 0 through 24	1,897,714	85,488	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: 2008 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	92	40	50	0	0	0	1	1
Women 15 through 17	2,654	1,764	834	11	10	12	9	14
Women 18 through 19	6,487	4,776	1,542	50	30	22	24	43
Women 20 through 34	63,229	51,425	9,201	328	965	694	89	527
Women 35 or older	8,396	6,985	879	29	281	146	7	69
Women of all ages	80,858	64,990	12,506	418	1,286	874	130	654

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	81	11	0
Women 15 through 17	2,434	219	1
Women 18 through 19	6,077	402	8
Women 20 through 34	59,682	3,439	108
Women 35 or older	7,927	448	21
Women of all ages	76,201	4,519	138

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: 2008 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	571	381	182	1	3	0	2	2
Children 1 through 4	95	71	23	0	0	0	1	0
Children 5 through 9	48	34	11	2	0	0	0	1
Children 10 through 14	69	53	15	0	0	0	0	1
Children 15 through 19	332	236	90	1	4	0	0	1
Children 20 through 24	406	306	99	0	1	0	0	0
Children 0 through 24	1,521	1,081	420	4	8	0	3	5

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	547	23	1
Children 1 through 4	92	3	0
Children 5 through 9	46	2	0
Children 10 through 14	64	4	1
Children 15 through 19	324	8	0
Children 20 through 24	400	6	0
Children 0 through 24	1,473	46	2

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? Final

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	1,583,410	1,300,117	245,899	9,544	27,850	0	0	0	2007
Percent in household headed by single parent	32.7	25.8	68.9	55.1	24.7	0.0	45.7	0.0	2007
Percent in TANF (Grant) families	7.6	5.3	19.2	4.3	1.2	0.0	0.0	0.0	2008
Number enrolled in Medicaid	506,679	340,430	147,257	1,401	4,093	753	3,325	9,420	2008
Number enrolled in SCHIP	107,321	80,350	22,759	248	1,177	88	309	2,390	2008
Number living in foster home care	14,528	9,955	4,208	37	29	19	131	149	2008
Number enrolled in food stamp program	476,976	304,150	157,366	1,622	2,324	678	2,984	7,852	2008
Number enrolled in WIC	152,662	99,473	32,770	249	1,779	0	1,907	16,484	2008
Rate (per 100,000) of juvenile crime arrests	4,382.0	3,552.2	8,363.1	984.9	890.4	0.0	0.0	0.0	2007
Percentage of high school drop-outs (grade 9 through 12)	4.2	3.1	9.0	3.7	2.3	0.0	0.0	0.0	2008

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	1,512,305	71,105	0	2007
Percent in household headed by single parent	25.3	36.9	0.0	2007
Percent in TANF (Grant) families	7.5	8.4	0.0	2008
Number enrolled in Medicaid	470,973	32,584	3,122	2008
Number enrolled in SCHIP	100,685	5,729	907	2008
Number living in foster home care	13,853	454	221	2008
Number enrolled in food stamp program	451,372	22,680	2,924	2008
Number enrolled in WIC	136,178	16,453	31	2008
Rate (per 100,000) of juvenile crime arrests	4,514.1	1,572.3	0.0	2007
Percentage of high school drop-outs (grade 9 through 12)	3.9	6.9	0.0	2008

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: 2007 Is this data from a State Projection? No Is this data final or provisional? Provisional

GEOGRAPHIC LIVING AREAS	TOTAL
Living in metropolitan areas	1,175,901
Living in urban areas	1,080,767
Living in rural areas	502,643
Living in frontier areas	0
Total - all children 0 through 19	1,583,410

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: 2008 Is this data from a State Projection? No Is this data final or provisional? Final

POVERTY LEVELS	TOTAL
Total Population	5,783,227.0
Percent Below: 50% of poverty	4.7
100% of poverty	12.8
200% of poverty	30.5

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: 2008 Is this data from a State Projection? No Is this data final or provisional? Final

POVERTY LEVELS	TOTAL
Children 0 through 19 years old	1,555,206.0
Percent Below: 50% of poverty	8.6
100% of poverty	21.9
200% of poverty	41.7

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: 2010
   Field Note:
   Source: DHSS Missouri Information for Community Assessment (MICA) -Population 2007 estimates.

2. **Section Number:** Form21_Indicator 06A
   Field Name: S06_Race_Children1to4
   Row Name: children 1 through 4
   Column Name:
   Year: 2010
   Field Note:
   Source: DHSS Missouri Information for Community Assessment (MICA) Population 2007 estimates.

3. **Section Number:** Form21_Indicator 06A
   Field Name: S06_Race_Children5to9
   Row Name: children 5 through 9
   Column Name:
   Year: 2010
   Field Note:
   Source: DHSS Missouri Information for Community Assessment (MICA) Population 2007 estimates.

4. **Section Number:** Form21_Indicator 06A
   Field Name: S06_Race_Children10to14
   Row Name: children 10 through 14
   Column Name:
   Year: 2010
   Field Note:
   Source: DHSS Missouri Information for Community Assessment (MICA) Population 2007 estimates.

5. **Section Number:** Form21_Indicator 06A
   Field Name: S06_Race_Children15to19
   Row Name: children 15 through 19
   Column Name:
   Year: 2010
   Field Note:
   Source: DHSS Missouri Information for Community Assessment (MICA) Population 2007 estimates.

6. **Section Number:** Form21_Indicator 06A
   Field Name: S06_Race_Children20to24
   Row Name: children 20 through 24
   Column Name:
   Year: 2010
   Field Note:
   Source: DHSS Missouri Information for Community Assessment (MICA) Population 2007 estimates.

7. **Section Number:** Form21_Indicator 06B
   Field Name: S06_Ethnicity_Infants
   Row Name: Infants 0 to 1
   Column Name:
   Year: 2010
   Field Note:
   Source: DHSS Missouri Information for Community Assessment (MICA) Population 2007 estimates.

8. **Section Number:** Form21_Indicator 06B
   Field Name: S06_Ethnicity_Children1to4
   Row Name: children 1 through 4
   Column Name:
   Year: 2010
   Field Note:
   Source: DHSS Missouri Information for Community Assessment (MICA) Population 2007 estimates.

9. **Section Number:** Form21_Indicator 06B
   Field Name: S06_Ethnicity_Children5to9
   Row Name: children 5 through 9
   Column Name:
   Year: 2010
   Field Note:
   Source: DHSS Missouri Information for Community Assessment (MICA) Population 2007 estimates.

10. **Section Number:** Form21_Indicator 06B
    Field Name: S06_Ethnicity_Children10to14
    Row Name: children 10 through 14
    Column Name:
    Year: 2010
    Field Note:
    Source: DHSS Missouri Information for Community Assessment (MICA) Population 2007 estimates.

11. **Section Number:** Form21_Indicator 06B
Field Name: S06_Ethnicity_Children15to19
Row Name: children 15 through 19
Column Name:
Year: 2010
Field Note:
Source: DHSS Missouri Information for Community Assessment (MICA)
Population 2007 estimates.

12. **Section Number:** Form21_Indicator 06B
Field Name: S06_Ethnicity_Children20to24
Row Name: children 20 through 24
Column Name:
Year: 2010
Field Note:
Source: DHSS Missouri Information for Community Assessment (MICA)
Population 2007 estimates.

13. **Section Number:** Form21_Indicator 07A
Field Name: Race_Women35
Row Name: Women 35 or older
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional live birth numbers as of April 2009. Final numbers will be available September 2009.

Row "women of all ages" does not include women with unknown age.

14. **Section Number:** Form21_Indicator 07B
Field Name: Ethnicity_Women35
Row Name: Women 35 or older
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional live birth numbers as of April 2009. Final numbers will be available September 2009.

Row "women of all ages" does not include women with unknown age.

15. **Section Number:** Form21_Indicator 08A
Field Name: S08_Race_Infants
Row Name: Infants 0 to 1
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional infant death numbers as of April, 2009. Final numbers will be available September, 2009.

16. **Section Number:** Form21_Indicator 08A
Field Name: S08_Race_Children1to4
Row Name: children 1 through 4
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional death numbers as of April, 2009. Final numbers will be available October, 2009.

17. **Section Number:** Form21_Indicator 08A
Field Name: S08_Race_Children5to9
Row Name: children 5 through 9
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional death numbers as of April, 2009. Final numbers will be available September, 2009.

18. **Section Number:** Form21_Indicator 08A
Field Name: S08_Race_Children10to14
Row Name: children 10 through 14
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional death number as of April, 2009. Final numbers will be available September, 2009.

19. **Section Number:** Form21_Indicator 08A
Field Name: S08_Race_Children15to19
Row Name: children 15 through 19
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional death number as of April, 2009. Final numbers will be available September, 2009.

20. **Section Number:** Form21_Indicator 08A
Field Name: S08_Race_Children20to24
Row Name: children 20 through 24
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional death number as of April, 2009. Final numbers will be available September, 2009.

21. **Section Number:** Form21_Indicator 08B
Field Name: S08_Ethnicity_Infants
Row Name: Infants 0 to 1
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional infant death number as of April, 2009. Final numbers will be available September, 2009.

22. **Section Number:** Form21_Indicator 08B
Field Name: S08_Ethnicity_Children1to4

Row Name: children 1 through 4
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional death number as of April, 2009. Final numbers will be available September, 2009.

23. **Section Number:** Form21_Indicator 08B
Field Name: S08_Ethnicity_Children5to9
Row Name: children 5 through 9
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional death number as of April, 2009. Final numbers will be available September, 2009.

24. **Section Number:** Form21_Indicator 08B
Field Name: S08_Ethnicity_Children10to14
Row Name: children 10 through 14
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional death number as of April, 2009. Final numbers will be available September, 2009.

25. **Section Number:** Form21_Indicator 08B
Field Name: S08_Ethnicity_Children15to19
Row Name: children 15 through 19
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional death number as of April, 2009. Final numbers will be available September, 2009.

26. **Section Number:** Form21_Indicator 08B
Field Name: S08_Ethnicity_Children20to24
Row Name: children 20 through 24
Column Name:
Year: 2010
Field Note:
Source: DHSS Vital Statistics. Provisional death number as of April, 2009. Final numbers will be available September, 2009.

27. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_Children
Row Name: All children 0 through 19
Column Name:
Year: 2010
Field Note:
Source: Bridged 2007 population estimates from the National Center for Health Statistics. The number under category Asian includes numbers under categories Asian/Native Hawaiian/other Pacific Islander.
Total for more than one race reported was not available.

28. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_SingleParentPercent
Row Name: Percent in household headed by single parent
Column Name:
Year: 2010
Field Note:
Source: US Census Bureau. American Community Survey 2007. Table S0901. 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.

29. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_TANFPercent
Row Name: Percent in TANF (Grant) families
Column Name:
Year: 2010
Field Note:
Number of TANF recipients aged 0-19 years served in State FY 2008 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.

30. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_MedicaidNo
Row Name: Number enrolled in Medicaid
Column Name:
Year: 2010
Field Note:
Non SCHIP Medicaid children 0-19 years of age served in State FY 2008: Missouri Department of Social Services, Research & Evaluation Unit.

31. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_SCHIPNo
Row Name: Number enrolled in SCHIP
Column Name:
Year: 2010
Field Note:
SCHIP children Age 0-19 years of age served in State FY 2008: Missouri Department of Social Services, Research & Evaluation Unit.

SCHIP in Missouri is an extension of MO HealthNet (Medicaid),

32. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_FoodStampNo
Row Name: Number enrolled in food stamp program
Column Name:
Year: 2010
Field Note:
Number of food stamp recipients aged 0-19 years served in State FY 2008 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.

33. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_WICNo
Row Name: Number enrolled in WIC
Column Name:
Year: 2010

Field Note:
Number enrolled in WIC: Number of children aged <5 years enrolled in WIC in CY 2007. Data source: CDC. 2008 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.

34. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_JuvenileCrimeRate
Row Name: Rate (per 100,000) of juvenile crime arrests
Column Name:
Year: 2010
Field Note:
Source: Dept of Social Services (possible duplicates) from calendar year 2007. Duplicates are due to inconsistencies between circuits and counties. Represents juvenile referrals only-not arrests.

35. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_DropOutPercent
Row Name: Percentage of high school drop-outs (grade 9 through 12)
Column Name:
Year: 2010
Field Note:
Drop out rate is 2008 federal fiscal year (July 1, 2007-Sept 2008) from the Dept of Elementary & Secondary Education.

Highschool drop out rate is the number of drop outs divided by (September enrollment plus transfers in minus transfers out minus dropouts added to total September enrollment then divided by two).

36. **Section Number:** Form21_Indicator 09B
Field Name: HSIEthnicity_Children
Row Name: All children 0 through 19
Column Name:
Year: 2010
Field Note:
Source: Bridged 2007 population estimates from the National Center for Health Statistics

37. **Section Number:** Form21_Indicator 09B
Field Name: HSIEthnicity_SingleParentPercent
Row Name: Percent in household headed by single parent
Column Name:
Year: 2010
Field Note:
Source: US Census Bureau's American Community Survey 2007 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.

38. **Section Number:** Form21_Indicator 09B
Field Name: HSIEthnicity_TANFPercent
Row Name: Percent in TANF (Grant) families
Column Name:
Year: 2010
Field Note:
Number of TANF recipients aged 0-19 years served in State FY 2008 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.

39. **Section Number:** Form21_Indicator 09B
Field Name: HSIEthnicity_MedicaidNo
Row Name: Number enrolled in Medicaid
Column Name:
Year: 2010
Field Note:
Non SCHIP Medicaid children 0-19 years of age served in State FY 2008: Missouri Department of Social Services, Research & Evaluation Unit.

40. **Section Number:** Form21_Indicator 09B
Field Name: HSIEthnicity_SCHIPNo
Row Name: Number enrolled in SCHIP
Column Name:
Year: 2010
Field Note:
Hispanic & Non hispanic SCHIP children Age 0-19 years of age served in State FY 2008: Missouri Department of Social Services, Research & Evaluation Unit.

SCHIP in Missouri is an extension of MO HealthNet (Medicaid),

41. **Section Number:** Form21_Indicator 09B
Field Name: HSIEthnicity_FoodStampNo
Row Name: Number enrolled in food stamp program
Column Name:
Year: 2010
Field Note:
Number of food stamp recipients aged 0-19 years served in State FY 2008 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.

42. **Section Number:** Form21_Indicator 09B
Field Name: HSIEthnicity_WICNo
Row Name: Number enrolled in WIC
Column Name:
Year: 2010
Field Note:
Number enrolled in WIC: Number of children aged <5 years enrolled in WIC in CY 2007. Data source: CDC. 2007 Pediatric Nutrition Surveillance System (PNSS), Missouri - Summary of Demographic Indicators.
Race classifications defined for HSI # 9 may not be completely comparable with those applied by the PNSS data report:

43. **Section Number:** Form21_Indicator 09B
Field Name: HSIEthnicity_JuvenileCrimeRate
Row Name: Rate (per 100,000) of juvenile crime arrests
Column Name:
Year: 2010
Field Note:
Source: Dept of Social Services (possible duplicates) from calendar year 2007. Duplicates are due to inconsistencies between circuits and counties. Represents juvenile

referrals only-not arrests.

44. **Section Number:** Form21_Indicator 09B
Field Name: HSIEthnicity_DropOutPercent
Row Name: Percentage of high school drop-outs (grade 9 through 12)
Column Name:
Year: 2010
Field Note:
Hispanic/nonhispanic drop out rate is 2008 federal fiscal year (July 1, 2007-Sept 2008) 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).

45. **Section Number:** Form21_Indicator 10
Field Name: Metropolitan
Row Name: Living in metropolitan areas
Column Name:
Year: 2010
Field Note:
Source: US Census, Population Estimate Branch. Metropolitan area is based on metropolitan statistical area counties in 2003.

46. **Section Number:** Form21_Indicator 10
Field Name: Urban
Row Name: Living in urban areas
Column Name:
Year: 2010
Field Note:
Source: US Census Bureau. American Community Survey 2007.
The urban/rural number for 2007 was estimated using the 2007 population estimate and an estimated urban/rural split for 2007, which was extrapolated from the urban/rural splits for the 1990 and 2000 Census.

47. **Section Number:** Form21_Indicator 10
Field Name: Rural
Row Name: Living in rural areas
Column Name:
Year: 2010
Field Note:
Source: US Census. American Community Survey

48. **Section Number:** Form21_Indicator 11
Field Name: S11_total
Row Name: Total Population
Column Name:
Year: 2010
Field Note:
Source: US Census. Current Population Survey, Annual Social and Economic Supplement, 2008.
CPS Table Creator: http://www.census.gov/hhes/www/cpstc/cps_table_creator.html

49. **Section Number:** Form21_Indicator 11
Field Name: S11_50percent
Row Name: Percent Below: 50% of poverty
Column Name:
Year: 2010
Field Note:
Source: US Census. Current Population Survey, Annual Social and Economic Supplement, 2008.
CPS Table Creator: http://www.census.gov/hhes/www/cpstc/cps_table_creator.html

50. **Section Number:** Form21_Indicator 12
Field Name: S12_Children
Row Name: Children 0 through 19 years old
Column Name:
Year: 2010
Field Note:
Source: US Census. Current Population Survey, Annual Social and Economic Supplement, 2008.
CPS Table Creator: http://www.census.gov/hhes/www/cpstc/cps_table_creator.html

51. **Section Number:** Form21_Indicator 12
Field Name: S12_50percent
Row Name: Percent Below: 50% of poverty
Column Name:
Year: 2010
Field Note:
Source: US Census. Current Population Survey, Annual Social and Economic Supplement, 2008.
CPS Table Creator: http://www.census.gov/hhes/www/cpstc/cps_table_creator.html

52. **Section Number:** Form21_Indicator 09A
Field Name: HSIRace_FosterCare
Row Name: Number living in foster home care
Column Name:
Year: 2010
Field Note:
Number of children living in foster home care served in State FY 2008 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.

53. **Section Number:** Form21_Indicator 09B
Field Name: HSIEthnicity_FosterCare
Row Name: Number living in foster home care
Column Name:
Year: 2010
Field Note:
Number of children living in foster home care served in State FY 2008 was obtained from the Missouri Department of Social Services, Research & Evaluation Unit.