



**STATE OF MISSOURI**

CHILDREN'S HEALTH INSURANCE  
PROGRAM AND SHOW ME  
HEALTHY BABIES

**APPENDICES**

DEPARTMENT OF SOCIAL SERVICES

OCTOBER 15, 2018

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## APPENDIX 1: CHIP PREMIUMS

CHIP PREMIUM CHART EFFECTIVE JULY 1, 2017			
FAMILY SIZE	PERCENT OF FPL	MONTHLY INCOME	PREMIUM AMOUNT
1	>150	\$1,508.01 to \$1,860.00	\$14
1	>185	\$1,860.01 to \$2,262.00	\$46
1	>225	\$2,262.01 to \$3,015.00	\$113
2	>150	\$2,030.01 to \$2,504.00	\$19
2	>185	\$2,504.01 to \$3,045.00	\$62
2	>225	\$3,045.01 to \$4,060.00	\$152
3	>150	\$2,553.01 to \$3,149.00	\$24
3	>185	\$3,149.01 to \$3,829.00	\$78
3	>225	\$3,829.01 to \$5,105.00	\$191
4	>150	\$3,075.01 to \$3,793.00	\$29
4	>185	\$3,793.01 to \$4,613.00	\$95
4	>225	\$4,613.01 to \$6,150.00	\$231
5	>150	\$3,598.01 to \$4,437.00	\$34
5	>185	\$4,437.01 to \$5,397.00	\$111
5	>225	\$5,397.01 to \$7,195.00	\$270
6	>150	\$4,120.01 to \$5,082.00	\$38
6	>185	\$5,082.01 to \$6,180.00	\$126
6	>225	\$6,180.01 to \$8,240.00	\$309
7	>150	\$4,643.01 to \$5,726.00	\$43
7	>185	\$5,726.01 to \$6,964.00	\$142
7	>225	\$6,964.01 to \$9,285.00	\$348
8	>150	\$5,165.01 to \$6,371.00	\$48
8	>185	\$6,371.01 to \$7,748.00	\$158
8	>225	\$7,748.01 to \$10,330.00	\$387
9	>150	\$5,688.01 to \$7,015.00	\$53

**CHIP PREMIUM CHART  
EFFECTIVE JULY 1, 2017**

<b>FAMILY SIZE</b>	<b>PERCENT OF FPL</b>	<b>MONTHLY INCOME</b>	<b>PREMIUM AMOUNT</b>
9	>185	\$7,015.01 to \$8,532.00	\$174
9	>225	\$8,532.01 to \$11,375.00	\$427
10	>150	\$6,210.01 to \$7,659.00	\$58
10	>185	\$7,659.01 to \$9,315.00	\$190
10	>225	\$9,315.01 to \$12,420.00	\$466
11	>150	\$6,733.01 to \$8,304.00	\$63
11	>185	\$8,304.01 to \$10,099.00	\$207
11	>225	\$10,099.01 to \$13,465.00	\$505
12	>150	\$7,255.01 to \$8,948.00	\$68
12	>185	\$8,948.01 to \$10,883.00	\$223
12	>225	\$10,883.01 to \$14,510.00	\$544

*Premium information for family sizes of 13+ is available upon request*

## APPENDIX 2: MEDICAID AND CHIP ENROLLMENT BY COUNTY (EXCLUDES SMHB)

DECEMBER 2017

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Adair	187	7	137	331
Andrew	90	4	52	146
Atchison	31	-	25	56
Audrain	192	5	115	312
Barry	399	8	135	542
Barton	132	1	71	204
Bates	145	8	91	244
Benton	136	4	107	247
Bollinger	125	2	111	238
Boone	957	33	676	1,666
Buchanan	724	12	291	1,027
Butler	339	6	288	633
Caldwell	77	3	39	119
Callaway	319	6	167	492
Camden	376	11	248	635
Cape Girardeau	511	22	294	827
Carroll	50	2	44	96
Carter	69	7	34	110
Cass	695	36	550	1,281
Cedar	158	7	74	239
Chariton	49	1	41	91
Christian	788	37	573	1,398
Clark	68	1	58	127
Clay	1,240	69	888	2,197

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Clinton	124	9	57	190
Cole	467	26	304	797
Cooper	132	5	97	234
Crawford	214	2	158	374
Dade	80	-	51	131
Dallas	153	3	129	285
Daviess	55	8	46	109
DeKalb	73	4	45	122
Dent	135	8	105	248
Douglas	152	4	99	255
Dunklin	264	12	167	443
Franklin	698	29	387	1,114
Gasconade	111	2	79	192
Gentry	57	-	50	107
Greene	2,125	84	1,232	3,441
Grundy	77	2	53	132
Harrison	105	7	58	170
Henry	190	16	123	329
Hickory	42	8	48	98
Holt	40	2	22	64
Howard	79	4	75	158
Howell	447	12	282	741
Iron	78	1	51	130
Jackson	5,589	219	2,610	8,418
Jasper	1,131	44	517	1,692
Jefferson	1,301	59	876	2,236
Johnson	263	6	176	445
Knox	22	-	18	40

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Laclede	416	15	279	710
Lafayette	265	18	192	475
Lawrence	350	9	197	556
Lewis	66	7	40	113
Lincoln	365	35	270	670
Linn	66	2	50	118
Livingston	121	3	65	189
Macon	154	1	113	268
Madison	146	6	72	224
Maries	29	2	28	59
Marion	262	10	158	430
McDonald	264	5	110	379
Mercer	23	1	22	46
Miller	261	8	164	433
Mississippi	127	5	69	201
Moniteau	135	4	76	215
Monroe	75	-	58	133
Montgomery	112	4	66	182
Morgan	224	5	155	384
New Madrid	205	4	85	294
Newton	552	17	280	849
Nodaway	105	4	103	212
Oregon	92	2	68	162
Osage	73	3	34	110
Ozark	117	3	79	199
Pemiscot	119	5	72	196
Perry	130	5	75	210
Pettis	509	16	255	780

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Phelps	293	9	199	501
Pike	130	6	91	227
Platte	449	18	313	780
Polk	287	11	182	480
Pulaski	267	16	189	472
Putnam	35	-	30	65
Ralls	60	-	51	111
Randolph	223	9	155	387
Ray	158	8	77	243
Reynolds	62	-	30	92
Ripley	145	2	95	242
Saline	164	8	100	272
Schuyler	25	2	30	57
Scotland	57	-	58	115
Scott	394	19	196	609
Shannon	107	2	62	171
Shelby	57	-	58	115
St. Charles	1,426	57	1,003	2,486
St. Clair	81	5	35	121
St. Francois	486	11	258	755
Ste. Genevieve	123	3	54	180
St. Louis City	2,255	61	743	3,059
St. Louis Co.	5,539	183	2,886	8,608
Stoddard	295	11	210	516
Stone	229	6	172	407
Sullivan	41	5	23	69
Taney	589	15	398	1,002
Texas	198	9	118	325



COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Vernon	185	3	110	298
Warren	216	9	154	379
Washington	185	12	109	306
Wayne	122	6	80	208
Webster	360	4	230	594
Worth	15	-	15	30
Wright	225	9	178	412
<b>Total</b>	<b>42,907</b>	<b>1,586</b>	<b>24,951</b>	<b>69,444</b>

## APPENDIX 3: SMHB ENROLLMENT BY COUNTY

DECEMBER 2017

COUNTY	SMHB	COUNTY	SMHB	COUNTY	SMHB
Adair	20	Cole	13	Johnson	16
Andrew	4	Cooper	2	Knox	2
Atchison	-	Crawford	-	Laclede	4
Audrain	12	Dade	-	Lafayette	8
Barry	78	Dallas	-	Lawrence	40
Barton	1	Daviess	8	Lewis	-
Bates	3	DeKalb	1	Lincoln	3
Benton	-	Dent	4	Linn	2
Bollinger	1	Douglas	-	Livingston	1
Boone	81	Dunklin	13	Macon	-
Buchanan	54	Franklin	41	Madison	-
Butler	4	Gasconade	31	Maries	-
Caldwell	-	Gentry	-	Marion	2
Callaway	4	Greene	60	McDonald	55
Camden	9	Grundy	4	Mercer	1
Cape Girardeau	20	Harrison	-	Miller	2
Carroll	-	Henry	1	Mississippi	1
Carter	-	Hickory	1	Moniteau	-
Cass	30	Holt	-	Monroe	5
Cedar	2	Howard	-	Montgomery	-
Chariton	1	Howell	9	Morgan	-
Christian	13	Iron	-	New Madrid	2
Clark	2	Jackson	819	Newton	110
Clay	110	Jasper	194	Nodaway	-
Clinton	3	Jefferson	24	Oregon	1

COUNTY	SMHB	COUNTY	SMHB
Osage	1	Stone	4
Ozark	2	Sullivan	7
Pemiscot	4	Taney	37
Perry	1	Texas	1
Pettis	43	Vernon	-
Phelps	24	Warren	8
Pike	3	Washington	2
Platte	37	Wayne	6
Polk	8	Webster	10
Pulaski	3	Worth	-
Putnam	-	Wright	2
Ralls	-	Unknown	140
Randolph	3	Total	3,069
Ray	1		
Reynolds	-		
Ripley	3		
Saline	16		
Schuyler	-		
Scotland	-		
Scott	7		
Shannon	-		
Shelby	1		
St. Charles	130		
St. Clair	-		
St. Francois	2		
Ste. Genevieve	-		
St. Louis City	189		
St. Louis Co.	433		
Stoddard	9		

## APPENDIX 4: HOSPITALIZATION AND ER UTILIZATION RATES BY PAYER/PROGRAM (2001–2016)

PREVENTABLE HOSPITALIZATIONS AGE <19 BENCHMARK = 7.2/1,000 POP. KOZAK, HALL AND OWINGS						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	STATE
CHIP	2001	9.9	8.8	6.7	10.5	9.4
	2002	6.8	9.2	8.9	10.0	8.9
	2003	6.7	6.6	8.2	9.9	8.0
	2004	7.0	7.0	6.9	8.8	7.7
	2005	7.5	6.4	6.2	8.4	7.5
	2006	8.2	8.1	6.3	9.2	8.2
	2007	8.7	6.3	7.7	7.7	7.8
	2008	11.1	8.3	7.3	8.9	9.1
	2009	13.4	8.0	10.0	10.6	10.9
	2010	10.7	7.1	8.4	9.0	9.1
	2011	10.8	6.9	6.2	8.9	8.6
	2012	10.9	6.6	5.6	9.6	8.7
	2013	7.7	4.9	7.8	7.3	7.2
	2014	8.5	5.2	5.4	7.2	6.9
	2015	7.2	5.7	5.7	6.5	6.4
	2016	4.3	6.8	4.2	5.3	5.0
<i>Change from 2001 to 2016</i>		<i>-57.1%</i>	<i>-23.1%</i>	<i>-37.0%</i>	<i>-49.7%</i>	<i>-47.3%</i>
Non-MO HealthNet	2001	6.0	5.6	5.0	6.1	5.8
	2002	5.9	6.4	5.1	6.2	5.9
	2003	5.7	6.1	4.7	5.8	5.5
	2004	6.1	6.3	4.6	6.2	5.8
	2005	6.5	7.0	4.9	6.5	6.2

PREVENTABLE HOSPITALIZATIONS AGE <19						
BENCHMARK = 7.2/1,000 POP.						
KOZAK, HALL AND OWINGS						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	STATE
	2006	5.9	5.8	4.5	5.9	5.5
	2007	5.9	5.2	4.6	5.0	5.6
	2008	6.0	5.7	3.9	5.4	5.3
	2009	6.5	5.8	3.9	5.7	5.6
	2010	5.8	5.1	3.7	4.4	4.9
	2011	5.7	5.2	4.0	4.9	5.0
	2012	5.6	4.3	3.9	5.6	5.1
	2013	4.7	4.5	3.9	4.6	4.5
	2014	4.8	4.1	4.1	4.0	4.3
	2015	5.4	4.8	4.5	5.7	5.2
	2016	4.3	4.6	4.0	4.2	4.3
<i>Change from 2001 to 2016</i>		<i>-28.1%</i>	<i>-17.4%</i>	<i>-20.7%</i>	<i>-32.2%</i>	<i>-26.8%</i>
<b>MO HealthNet</b>	2001	14.9	15.0	12.1	19.3	16.1
	2002	13.7	14.8	12.0	18.2	15.2
	2003	13.5	13.7	10.4	16.8	14.2
	2004	12.8	12.5	10.6	16.1	14.0
	2005	13.3	14.5	11.3	17.0	14.5
	2006	14.3	14.7	11.3	17.7	15.0
	2007	14.3	13.6	11.1	17.1	14.7
	2008	16.5	13.5	10.6	17.1	15.0
	2009	17.5	15.8	12.6	19.0	16.7
	2010	15.2	12.4	11.0	15.7	14.1
	2011	14.5	12.7	10.1	15.1	13.5
	2012	13.3	11.7	9.0	14.7	12.6
	2013	11.1	10.8	9.8	14.0	11.7
	2014	11.8	10.1	10.1	12.6	11.4

**PREVENTABLE HOSPITALIZATIONS AGE <19**

**BENCHMARK = 7.2/1,000 POP.**

**KOZAK, HALL AND OWINGS**

<b>POPULATION</b>	<b>CY</b>	<b>EASTERN</b>	<b>CENTRAL</b>	<b>WESTERN</b>	<b>OTHER</b>	<b>STATE</b>
	2015	10.0	8.4	7.6	9.1	9.0
	2016	9.8	8.9	7.4	8.3	8.7
<i>Change from 2001 to 2016</i>		<i>-34.6%</i>	<i>-40.9%</i>	<i>-39.0%</i>	<i>-56.8%</i>	<i>-46.2%</i>

<b>CHANGE FROM 2001 TO 2016</b>	<b>EASTERN</b>	<b>CENTRAL</b>	<b>WESTERN</b>	<b>OTHER</b>	<b>STATE</b>
CHIP	-57.1%	-23.1%	-37.0%	-49.7%	-47.3%
Non-MO HealthNet	-28.1%	-17.4%	-20.7%	-32.2%	-26.8%
MO HealthNet	-34.6%	-40.9%	-39.0%	-56.8%	-46.2%

**ASTHMA HOSPITALIZATIONS AGE <19**

**BENCHMARK = 1.43/1,000 POP.**

**HEALTHY PEOPLE 2000**

<b>POPULATION</b>	<b>CY</b>	<b>EASTERN</b>	<b>CENTRAL</b>	<b>WESTERN</b>	<b>OTHER</b>	<b>STATE</b>
	2001	3.0	1.8	2.3	1.3	2.1
	2002	2.5	1.8	2.9	1.2	1.9
	2003	2.9	1.3	2.7	1.6	2.1
	2004	2.9	1.2	1.6	1.2	1.8
	2005	2.6	0.8	1.6	1.0	1.6
	2006	2.3	1.0	2.3	0.9	1.6
<b>CHIP</b>	2007	3.5	0.7	1.9	0.8	1.9
	2008	4.6	1.4	2.1	1.3	2.4
	2009	4.8	1.8	3.2	1.6	2.9
	2010	3.6	1.0	1.6	1.2	2.0
	2011	4.0	0.5	1.6	1.0	2.0
	2012	4.0	0.7	2.0	1.2	2.1
	2013	2.1	0.5	2.4	0.9	1.6

<b>ASTHMA HOSPITALIZATIONS AGE &lt;19</b> <b>BENCHMARK = 1.43/1,000 POP.</b> <b>HEALTHY PEOPLE 2000</b>						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	STATE
	2014	2.9	0.8	1.7	1.1	1.7
	2015	2.5	0.7	1.9	0.6	1.5
	2016	1.3	0.3	1.0	0.4	0.8
<i>Change from 2001 to 2016</i>		<i>-55.2%</i>	<i>-81.2%</i>	<i>-56.4%</i>	<i>-67.8%</i>	<i>-61.0%</i>
<b>Non-MO HealthNet</b>	2001	1.1	0.7	1.0	0.7	0.9
	2002	1.2	0.8	0.8	0.8	1.0
	2003	1.1	0.8	1.0	0.7	0.9
	2004	1.3	1.1	0.7	0.9	1.0
	2005	1.3	0.6	1.0	0.8	1.0
	2006	1.2	0.8	0.9	0.7	1.0
	2007	1.2	0.6	0.9	0.7	0.9
	2008	1.4	0.7	0.7	0.7	1.0
	2009	1.1	0.7	0.6	0.6	0.8
	2010	1.2	0.5	0.6	0.6	0.9
	2011	1.1	0.4	0.6	0.5	0.7
	2012	1.2	0.4	0.9	0.6	0.9
	2013	0.9	0.6	0.7	0.4	0.7
	2014	1.1	0.6	0.9	0.6	0.9
	2015	0.9	0.5	0.6	0.5	0.7
	2016	0.6	0.4	0.6	0.3	0.5
<i>Change from 2001 to 2016</i>		<i>-41.8%</i>	<i>-33.7%</i>	<i>-41.9%</i>	<i>-61.9%</i>	<i>-45.0%</i>
<b>MO HealthNet</b>	2001	4.9	2.9	3.2	2.9	3.6
	2002	5.3	3.2	3.6	3.0	3.9
	2003	5.3	2.7	3.1	2.8	3.7
	2004	5.0	2.3	2.5	2.7	3.4
	2005	4.6	2.6	3.0	2.1	3.2

**ASTHMA HOSPITALIZATIONS AGE <19**  
**BENCHMARK = 1.43/1,000 POP.**  
**HEALTHY PEOPLE 2000**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	STATE
	2006	5.0	3.1	3.0	2.3	3.4
	2007	5.0	2.3	2.9	2.5	3.4
	2008	5.6	2.0	2.8	2.0	3.4
	2009	5.2	2.4	3.4	2.3	3.5
	2010	4.8	2.0	2.6	2.0	3.0
	2011	4.9	1.9	2.3	1.8	2.9
	2012	4.4	1.9	2.6	1.8	2.9
	2013	3.1	1.7	2.7	1.7	2.4
	2014	3.9	2.1	3.3	2.0	3.0
	2015	2.9	1.3	2.1	1.4	2.0
	2016	3.1	1.4	1.7	1.2	1.9
<i>Change from 2001 to 2016</i>		<i>-37.2%</i>	<i>-50.5%</i>	<i>-46.9%</i>	<i>-59.9%</i>	<i>-46.7%</i>

CHANGE FROM 2001 TO 2016	EASTERN	CENTRAL	WESTERN	OTHER	STATE
CHIP	-55.2%	-81.2%	-56.4%	-67.8%	-61.0%
Non-MO HealthNet	-41.8%	-33.7%	-41.9%	-61.9%	-45.0%
MO HealthNet	-37.2%	-50.5%	-46.9%	-59.9%	-46.7%

**EMERGENCY DEPARTMENT VISITS AGE <19**  
**BENCHMARK = 3570/1,000 POP.**  
**HEALTH, UNITED STATES, 2005. CDC**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	STATE
	2001	490.1	497.3	471.6	531.9	506.1
	2002	525.9	496.8	467.8	517.9	508.1
<b>CHIP</b>	2003	511.0	521.9	465.8	590.0	508.7
	2004	403.2	467.2	381.3	453.2	426.2
	2005	436.3	467.8	390.7	459.8	439.8



EMERGENCY DEPARTMENT VISITS AGE <19						
BENCHMARK = 3570/1,000 POP.						
HEALTH, UNITED STATES, 2005. CDC						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	STATE
	2006	478.9	528.9	421.4	490.7	477.1
	2007	517.3	516.3	467.8	487.5	495.2
	2008	562.8	526.8	539.4	524.6	539.1
	2009	638.0	525.3	571.5	587.5	589.8
	2010	576.1	459.2	485.0	513.6	518.4
	2011	501.9	465.0	432.0	484.7	475.6
	2012	535.6	456.0	447.5	467.8	481.6
	2013	486.0	421.6	400.9	406.7	431.4
	2014	456.2	407.7	385.5	359.9	402.0
	2015	433.6	416.7	366.7	343.5	387.4
	2016	356.9	359.4	310.6	270.5	319.0
<i>Change from 2001 to 2016</i>		<i>-27.2%</i>	<i>-27.7%</i>	<i>-34.1%</i>	<i>-49.1%</i>	<i>-37.0%</i>
<b>Non-MO HealthNet</b>	2001	256.6	244.9	296.3	259.9	265.0
	2002	263.4	251.4	284.4	255.6	264.7
	2003	265.3	253.1	281.8	256.9	245.1
	2004	244.6	271.4	265.6	276.6	260.4
	2005	243.9	268.5	248.1	258.4	251.0
	2006	231.1	252.4	238.7	251.5	240.3
	2007	232.5	236.2	233.4	253.5	238.9
	2008	227.7	226.3	234.6	309.9	247.1
	2009	209.7	211.6	208.2	271.9	223.8
	2010	196.4	182.0	189.0	226.0	199.7
	2011	214.0	196.9	226.0	250.3	223.1
	2012	222.9	192.9	230.1	230.1	222.3
	2013	205.1	190.5	204.9	198.7	201.6
	2014	205.2	216.7	211.6	191.7	204.9

## EMERGENCY DEPARTMENT VISITS AGE &lt;19

BENCHMARK = 3570/1,000 POP.

HEALTH, UNITED STATES, 2005. CDC

POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	STATE
	2015	249.2	279.0	259.1	248.2	255.2
	2016	230.1	246.4	245.4	190.8	226.3
<i>Change from 2001 to 2016</i>		<i>-10.3%</i>	<i>0.6%</i>	<i>-17.2%</i>	<i>-26.6%</i>	<i>-14.6%</i>
<b>MO HealthNet</b>	2001	642.4	704.4	628.4	709.9	671.0
	2002	674.9	710.0	581.7	708.6	673.2
	2003	691.3	754.9	618.1	737.8	700.7
	2004	596.3	700.9	557.1	654.1	620.5
	2005	602.1	765.1	570.7	688.0	662.5
	2006	696.9	775.2	575.4	697.4	680.2
	2007	709.8	769.4	623.6	719.6	702.0
	2008	717.6	727.6	711.6	703.8	713.4
	2009	791.6	735.1	754.3	770.2	769.1
	2010	740.8	654.7	666.6	684.8	695.0
	2011	703.9	659.0	632.5	730.8	690.5
	2012	747.8	658.6	659.2	670.1	691.6
	2013	703.3	625.7	601.5	595.8	636.9
	2014	697.1	649.3	603.5	566.4	629.3
	2015	612.0	586.7	532.2	486.2	551.1
	2016	639.1	631.5	539.2	496.7	571.1
<i>Change from 2001 to 2016</i>		<i>-0.5%</i>	<i>-10.4%</i>	<i>-14.2%</i>	<i>-30.0%</i>	<i>-14.9%</i>

CHANGE FROM 2001 TO 2016	EASTERN	CENTRAL	WESTERN	OTHER	STATE
CHIP	-27.2%	-27.7%	-34.1%	-49.1%	-37.0%
Non-MO HealthNet	-10.3%	0.6%	-17.2%	-26.6%	-14.6%
MO HealthNet	-0.5%	-10.4%	-14.2%	-30.0%	-14.9%

ASTHMA EMERGENCY DEPARTMENT VISITS AGE <19						
BENCHMARK = 9.3/1,000 POP.						
CDC NCHS HEALTH E-STATS						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	STATE
<b>CHIP</b>	2001	17.7	5.1	13.5	7.8	11.4
	2002	19.5	11.5	17.4	8.2	13.3
	2003	18.4	6.6	17.5	8.3	12.3
	2004	15.7	5.6	12.0	6.5	10.1
	2005	18.5	6.8	11.8	7.1	11.3
	2006	19.9	8.1	13.7	6.3	11.9
	2007	20.8	5.4	16.0	6.2	12.4
	2008	22.6	7.2	18.3	5.5	13.4
	2009	25.8	7.7	17.0	8.7	15.4
	2010	23.5	6.8	16.0	7.5	14.1
	2011	21.1	6.3	13.4	6.5	12.4
	2012	23.8	6.6	16.0	7.1	13.9
	2013	23.2	6.0	13.5	5.8	12.7
	2014	23.6	6.3	12.7	5.2	12.6
	2015	18.6	7.7	12.9	4.1	11.1
	2016	13.0	4.9	7.8	2.6	7.2
<i>Change from 2001 to 2016</i>		<i>-26.2%</i>	<i>-3.7%</i>	<i>-42.2%</i>	<i>-66.6%</i>	<i>-36.4%</i>
<b>Non-MO HealthNet</b>	2001	6.6	3.0	6.0	3.3	5.2
	2002	6.9	2.9	6.1	3.3	5.4
	2003	6.6	2.8	5.5	3.2	5.1
	2004	6.9	3.2	5.1	3.5	5.3
	2005	6.8	3.1	4.8	2.8	5.0
	2006	6.2	3.1	4.9	3.1	4.8
	2007	5.7	2.5	5.0	3.1	4.5
	2008	6.1	2.7	4.4	3.1	4.6
	2009	5.8	2.9	3.8	2.5	4.2

**ASTHMA EMERGENCY DEPARTMENT VISITS AGE <19**
**BENCHMARK = 9.3/1,000 POP.**
**CDC NCHS HEALTH E-STATS**

<b>POPULATION</b>	<b>CY</b>	<b>EASTERN</b>	<b>CENTRAL</b>	<b>WESTERN</b>	<b>OTHER</b>	<b>STATE</b>
	2010	5.6	2.3	4.1	2.6	4.1
	2011	5.8	2.6	4.8	2.8	4.4
	2012	6.5	2.3	5.8	2.9	4.9
	2013	6.0	2.4	4.6	2.1	4.3
	2014	6.6	3.0	5.1	2.6	4.8
	2015	6.6	3.3	5.8	2.6	5.0
	2016	4.6	2.3	4.1	1.6	3.5
	<i>Change from 2001 to 2016</i>	<i>-29.9%</i>	<i>-23.1%</i>	<i>-31.5%</i>	<i>-52.0%</i>	<i>-33.0%</i>
	2001	28.1	10.7	22.8	9.7	18.5
	2002	31.0	11.9	22.9	10.6	19.9
	2003	28.0	11.6	20.2	9.7	18.0
	2004	25.0	9.9	17.6	8.9	16.0
	2005	26.5	11.1	17.8	8.8	16.6
	2006	30.1	11.2	17.1	8.2	17.3
	2007	28.1	11.2	18.7	8.6	17.2
	2008	28.1	9.4	17.9	7.9	16.9
<b>MO HealthNet</b>	2009	29.0	11.0	18.9	8.2	17.7
	2010	30.0	10.2	21.0	8.6	18.5
	2011	29.0	9.4	19.0	8.9	17.8
	2012	30.7	10.2	22.2	9.0	19.3
	2013	28.9	9.2	19.4	7.3	17.5
	2014	30.3	11.1	21.2	7.9	18.7
	2015	24.7	10.3	17.2	6.2	15.2
	2016	22.3	9.6	14.7	6.1	13.8
	<i>Change from 2001 to 2016</i>	<i>-20.8%</i>	<i>-9.5%</i>	<i>-35.7%</i>	<i>-36.9%</i>	<i>-25.7%</i>

CHANGE FROM 2001 TO 2016	EASTERN	CENTRAL	WESTERN	OTHER	STATE
CHIP	-26.2%	-3.7%	-42.2%	-66.6%	-36.4%
Non-MO HealthNet	-29.9%	-23.1%	-31.5%	-52.0%	-33.0%
MO HealthNet	-20.8%	-9.5%	-35.7%	-36.9%	-25.7%

## APPENDIX 5: DMH-DSS WRAPAROUND SERVICE CODES AND TITLES

REVIEW PERIOD: JANUARY 1, 2017–DECEMBER 31, 2017

WRAPAROUND SERVICES (FOR CHILDREN WITH SED AND THOSE AFFECTED BY SUBSTANCE ABUSE)	
PROCEDURE CODE	DESCRIPTION
H0036	Community Support
H0038 HA	Family Support: Child/Adolescent
H0045 HA	Respite not-in-home
H2015 HA	Family Assistance: Child/Adolescent
H2022 HA	Wrap Around Services: Youth
H2023 HK	Vocational Services: ACT
T1005 HA	Respite Care: Youth Individual
T1016	Case Management (Physician)
T1016 AF	Case Management (Child Psychiatrist)
T1016 AH	Case Management (Licensed Psychologist)
T1016 HM	Case Management (Paraprofessional)
T1016 HN	Case Management (Bachelor Level)
T1016 HO	Case Management (Licensed QMHP)
T1016 HO TG	Case Management (SLF QMHP)
T1016 SA	Case Management (APN)
T1017 HA HN	Targeted Case Management: TCM Youth (Bachelor Level)
T1017 HA HO	Targeted Case Management: TCM Youth (Master's Level)