



**STATE OF MISSOURI**

**CHILDREN'S HEALTH INSURANCE  
PROGRAM AND SHOW ME  
HEALTHY BABIES**

**APPENDICES**

**DEPARTMENT OF SOCIAL SERVICES**

**DECEMBER 2021**

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## APPENDIX 1: CHIP PREMIUMS

CHIP PREMIUM CHART EFFECTIVE JULY 1, 2021			
FAMILY SIZE	PERCENT OF FPL	MONTHLY INCOME	PREMIUM AMOUNT
1	>150	\$1,610.00 to \$1,986.00	\$15
1	>185	\$1,986.01 to \$2,415.00	\$49
1	>225	\$2,415.01 to \$3,220.00	\$121
2	>150	\$2,178.00 to \$2,686.00	\$20
2	>185	\$2,686.01 to \$3,267.00	\$66
2	>225	\$3,267.01 to \$4,355.00	\$163
3	>150	\$2,745.00 to \$3,386.00	\$26
3	>185	\$3,386.01 to \$4,118.00	\$85
3	>225	\$4,118.01 to \$5,490.00	\$206
4	>150	\$3,313.00 to \$4,086.00	\$31
4	>185	\$4,086.01 to \$4,969.00	\$102
4	>225	\$4,969.01 to \$6,625.00	\$248
5	>150	\$3,880.00 to \$4,786.00	\$36
5	>185	\$4,786.01 to \$5,820.00	\$119
5	>225	\$5,820.01 to \$7,760.00	\$291
6	>150	\$4,448.00 to \$5,486.00	\$42
6	>185	\$5,486.01 to \$6,672.00	\$137
6	>225	\$6,672.01 to \$8,895.00	\$334
7	>150	\$5,015.00 to \$6,186.00	\$47
7	>185	\$6,186.01 to \$7,523.00	\$154
7	>225	\$7,523.01 to \$10,030.00	\$376
8	>150	\$5,583.00 to \$6,886.00	\$52
8	>185	\$6,886.01 to \$8,374.00	\$171
8	>225	\$8,374.01 to \$11,165.00	\$419
9	>150	\$6,150.00 to \$7,585.00	\$57
9	>185	\$7,585.01 to \$9,225.00	\$188
9	>225	\$9,225.01 to \$12,300.00	\$461

*Premium information for family sizes of 10+ is available upon request*

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

DECEMBER 2020

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Adair	368	10	237	615
Andrew	195	1	103	299
Atchison	47	3	49	99
Audrain	410	12	196	618
Barry	646	9	300	955
Barton	227	1	108	336
Bates	311	5	141	457
Benton	286	2	160	448
Bollinger	232	3	108	343
Boone	1,860	31	1,155	3,046
Buchanan	1,073	10	672	1,755
Butler	719	12	444	1,175
Caldwell	158	2	69	229
Callaway	481	16	289	786
Camden	740	8	403	1,151
Cape Girardeau	837	22	560	1,419
Carroll	119	1	78	198
Carter	82	2	47	131
Cass	1273	33	1,019	2,325
Cedar	237	6	128	371
Chariton	94	2	65	161
Christian	1,738	31	1,181	2,950
Clark	84	9	55	148
Clay	2,408	55	1,813	4,276

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Clinton	156	2	177	335
Cole	750	25	523	1,298
Cooper	194	8	126	328
Crawford	381	11	257	649
Dade	100	1	66	167
Dallas	271	3	200	474
Daviess	99	2	100	201
DeKalb	62	-	85	147
Dent	263	4	169	436
Douglas	271	2	166	439
Dunklin	412	3	274	689
Franklin	1,209	13	700	1,922
Gasconade	144	6	145	295
Gentry	108	-	80	188
Greene	3,234	80	2,558	5,872
Grundy	119	6	71	196
Harrison	121	9	96	226
Henry	275	5	237	517
Hickory	76	5	66	147
Holt	48	1	33	82
Howard	105	4	118	227
Howell	698	14	486	1,198
Iron	169	9	68	246
Jackson	7,154	221	5,278	12,653
Jasper	1,770	37	1,055	2,862
Jefferson	2,134	50	1,613	3,797
Johnson	370	14	390	774
Knox	59	1	36	96

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Laclede	533	13	440	986
Lafayette	270	5	308	583
Lawrence	453	13	365	831
Lewis	87	9	78	174
Lincoln	640	10	517	1,167
Linn	126	2	116	244
Livingston	137	1	132	270
Macon	211	4	166	381
Madison	172	5	118	295
Maries	99	8	64	171
Marion	359	9	248	616
McDonald	374	12	192	578
Mercer	28	-	46	74
Miller	296	16	269	581
Mississippi	141	2	132	275
Moniteau	169	8	143	320
Monroe	81	-	84	165
Montgomery	127	3	122	252
Morgan	219	6	274	499
New Madrid	230	4	116	350
Newton	590	24	571	1,185
Nodaway	127	5	162	294
Oregon	139	9	122	270
Osage	69	4	72	145
Ozark	116	-	77	193
Pemiscot	117	7	125	249
Perry	182	-	157	339
Pettis	631	18	419	1,068

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Phelps	407	15	345	767
Pike	193	6	144	343
Platte	445	15	666	1,126
Polk	293	9	339	641
Pulaski	315	8	307	630
Putnam	51	-	46	97
Ralls	55	3	80	138
Randolph	223	4	214	441
Ray	150	9	157	316
Reynolds	65	3	58	126
Ripley	127	4	174	305
Saline	228	9	138	375
Schuyler	44	-	45	89
Scotland	49	5	64	118
Scott	403	18	318	739
Shannon	132	4	78	214
Shelby	49	2	61	112
St. Charles	2,325	67	2,047	4,439
St. Clair	79	4	67	150
St. Francois	586	17	531	1,134
Ste. Genevieve	88	2	110	200
St. Louis City	4,194	56	1,354	5,604
St. Louis Co.	5,582	180	5,422	11,184
Stoddard	305	11	348	664
Stone	264	13	324	601
Sullivan	51	1	66	118
Taney	648	18	629	1,295
Texas	234	2	226	462

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Vernon	209	7	226	442
Warren	189	18	251	458
Washington	207	13	194	414
Wayne	94	5	90	189
Webster	374	26	467	867
Worth	10	-	11	21
Wright	207	8	200	415
Other	18	-	-	18
<b>Total</b>	<b>60,993</b>	<b>1,581</b>	<b>45,985</b>	<b>108,559</b>



## APPENDIX 3 : SMHB ENROLLMENT BY COUNTY

DECEMBER 2020

COUNTY	SMHB	COUNTY	SMHB	COUNTY	SMHB
Adair	25	Cole	22	Johnson	6
Andrew	3	Cooper	4	Knox	3
Atchison	5	Crawford	7	Laclede	15
Audrain	9	Dade	3	Lafayette	9
Barry	26	Dallas	2	Lawrence	15
Barton	5	Daviess	5	Lewis	4
Bates	4	DeKalb	5	Lincoln	15
Benton	4	Dent	3	Linn	3
Bollinger	4	Douglas	3	Livingston	2
Boone	84	Dunklin	20	Macon	7
Buchanan	83	Franklin	31	Madison	4
Butler	19	Gasconade	7	Maries	2
Caldwell	3	Gentry	4	Marion	12
Callaway	15	Greene	121	McDonald	45
Camden	15	Grundy	5	Mercer	3
Cape Girardeau	32	Harrison	4	Miller	10
Carroll	1	Henry	8	Mississippi	4
Carter	3	Hickory	4	Moniteau	3
Cass	43	Holt	-	Monroe	5
Cedar	4	Howard	2	Montgomery	3
Chariton	3	Howell	14	Morgan	7
Christian	42	Iron	3	New Madrid	2
Clark	4	Jackson	673	Newton	70
Clay	116	Jasper	140	Nodaway	7
Clinton	2	Jefferson	66	Oregon	4

COUNTY	SMHB	COUNTY	SMHB
Osage	4	Stone	19
Ozark	1	Sullivan	6
Pemiscot	7	Taney	49
Perry	14	Texas	5
Pettis	52	Vernon	11
Phelps	23	Warren	13
Pike	2	Washington	8
Platte	75	Wayne	2
Polk	8	Webster	29
Pulaski	19	Worth	1
Putnam	2	Wright	5
Ralls	2	Unknown	-
Randolph	5	<b>Total</b>	<b>3,209</b>
Ray	11		
Reynolds	2		
Ripley	6		
Saline	16		
Schuyler	4		
Scotland	4		
Scott	14		
Shannon	1		
Shelby	2		
St. Charles	107		
St. Clair	-		
St. Francois	16		
St. Louis City	189		
St. Louis Co.	481		
Ste. Genevieve	5		
Stoddard	19		

## APPENDIX 4: HOSPITALIZATION AND ER UTILIZATION RATES BY PAYER/ PROGRAM (2001–2019)

PREVENTABLE HOSPITALIZATIONS AGE <19 BENCHMARK = 7.2/1,000 POP.						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
<b>CHIP</b>	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
	2017	5.3	5.8	6.0	4.2	5.4
	2018	6.6	4.9	5.9	3.5	5.4
	2019	9.3	7.1	8.3	6.0	7.8
	<i>Change from 2001 to 2019</i>		<i>-6.1%</i>	<i>-19.3%</i>	<i>23.9%</i>	<i>-42.9%</i>
<b>Non-MO HealthNet</b>	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
	2006	5.9	5.8	4.5	5.9	5.5
	2007	5.9	5.2	4.6	5.0	5.6

**PREVENTABLE HOSPITALIZATIONS AGE <19**  
**BENCHMARK = 7.2/1,000 POP.**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	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
	2017	4.6	4.7	4.3	4.2	4.5
	2018	5.0	5.3	4.2	4.1	4.7
2019	4.7	4.3	4.1	3.4	4.3	
<i>Change from 2001 to 2019</i>		<i>-21.7%</i>	<i>-23.2%</i>	<i>-18.0%</i>	<i>-44.3%</i>	<i>-25.9%</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
	2015	10.0	8.4	7.6	9.1	9.0
	2016	9.8	8.9	7.4	8.3	8.7
	2017	9.7	8.8	7.5	5.9	8.2
	2018	10.6	8.2	8.2	5.8	8.5
	2019	12.4	9.6	9.5	1.2	8.5

PREVENTABLE HOSPITALIZATIONS AGE <19 BENCHMARK = 7.2/1,000 POP.						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
<i>Change from 2001 to 2019</i>		-16.8%	-36.0%	-21.5%	-93.8%	-47.2%

CHANGE FROM 2001 TO 2019	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	-6.1%	-19.3%	23.9%	-42.9%	-17.0%
Non-MO HealthNet	-21.7%	-23.2%	-18.0%	-44.3%	-25.9%
MO HealthNet	-16.8%	-36.0%	-21.5%	-93.8%	-47.2%

ASTHMA HOSPITALIZATIONS AGE <19 BENCHMARK = 1.43/1,000 POP.						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
<b>CHIP</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
	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
	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
	2017	1.4	0.5	1.4	0.7	1.0
	2018	1.5	0.5	0.8	0.6	0.9
	2019	2.6	0.9	1.2	0.5	1.4
	<i>Change from 2001 to 2019</i>		-13.3%	-50.0%	-47.8%	-61.5%

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

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
<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
	2017	0.6	0.5	0.6	0.3	0.5
	2018	0.8	0.5	0.8	0.3	0.6
	2019	0.7	0.4	0.6	0.2	0.6
<i>Change from 2001 to 2019</i>		<i>-36.4%</i>	<i>-42.9%</i>	<i>-40.0%</i>	<i>-28.6%</i>	<i>-33.3%</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
	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

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

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	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
	2017	2.9	1.4	1.8	0.7	1.8
	2018	3.2	1.2	2.0	0.7	1.9
	2019	3.3	1.3	2.0	0.1	1.7
<i>Change from 2001 to 2019</i>		<i>-32.7%</i>	<i>-55.2%</i>	<i>-37.5%</i>	<i>-96.6%</i>	<i>-52.8%</i>

CHANGE FROM 2001 TO 2019	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	-13.3%	-50.0%	-47.8%	-61.5%	-33.3%
Non-MO HealthNet	-36.4%	-42.9%	-40.0%	-28.6%	-33.3%
MO HealthNet	-32.7%	-55.2%	-37.5%	-96.6%	-52.8%

**EMERGENCY DEPARTMENT VISITS AGE <19**  
**BENCHMARK = 3570/1,000 POP.**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
<b>CHIP</b>	2001	490.1	497.3	471.6	531.9	506.1
	2002	525.9	496.8	467.8	517.9	508.1
	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
	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

EMERGENCY DEPARTMENT VISITS AGE <19 BENCHMARK = 3570/1,000 POP.						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	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
	2017	388.2	348.8	298.3	210.6	322.0
	2018	422.0	313.8	289.7	226.1	322.6
	2019	475.9	349.2	347.8	244.1	364.3
	<i>Change from 2001 to 2019</i>	<i>-2.9%</i>	<i>-29.8%</i>	<i>-26.3%</i>	<i>-54.1%</i>	<i>-28.0%</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
	2015	249.2	279.0	259.1	248.2	255.2
	2016	230.1	246.4	245.4	190.8	226.3
	2017	252.4	245.9	226.9	177.2	234.8
	2018	263.2	241.3	211.1	172.3	232.9
	2019	262.2	239.9	240.7	181.1	240.8
	<i>Change from 2001 to 2019</i>	<i>2.2%</i>	<i>-2.0%</i>	<i>-18.8%</i>	<i>-30.3%</i>	<i>-9.1%</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



**EMERGENCY DEPARTMENT VISITS AGE <19**  
**BENCHMARK = 3570/1,000 POP.**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	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
	2017	646.4	583.8	521.3	420.9	559.7
	2018	616.9	517.1	481.2	393.0	518.6
	2019	733.9	630.8	601.7	76.0	529.0
	<i>Change from 2001 to 2019</i>	<i>14.2%</i>	<i>-10.4%</i>	<i>-4.2%</i>	<i>-89.3%</i>	<i>-21.2%</i>

CHANGE FROM 2001 TO 2019	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	-2.9%	-29.8%	-26.3%	-54.1%	-28.0%
Non-MO HealthNet	2.2%	-2.0%	-18.8%	-30.3%	-9.1%
MO HealthNet	14.2%	-10.4%	-4.2%	-89.3%	-21.2%

**ASTHMA EMERGENCY DEPARTMENT VISITS AGE <19**  
**BENCHMARK = 9.3/1,000 POP.**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	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

**ASTHMA EMERGENCY DEPARTMENT VISITS AGE <19**  
**BENCHMARK = 9.3/1,000 POP.**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	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
	2017	12.0	4.3	6.9	2.2	6.7
	2018	11.5	2.7	6.8	1.6	6.0
	2019	13.4	3.4	5.6	1.9	6.5
<i>Change from 2001 to 2019</i>		<i>-24.3%</i>	<i>-33.3%</i>	<i>-58.5%</i>	<i>-75.6%</i>	<i>-43.0%</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
	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
	2017	4.4	2.1	3.5	1.5	3.3
	2018	4.9	2.3	3.2	1.4	3.4

**ASTHMA EMERGENCY DEPARTMENT VISITS AGE <19**  
**BENCHMARK = 9.3/1,000 POP.**

POPULATION	CY	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
	2019	4.9	2.4	3.8	1.4	3.6
<i>Change from 2001 to 2019</i>		<i>-25.8%</i>	<i>-20.0%</i>	<i>-36.7%</i>	<i>-57.6%</i>	<i>-30.8%</i>
<b>MO HealthNet</b>	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
	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
	2017	20.0	7.7	15.6	4.1	12.8
	2018	19.5	6.4	12.4	3.6	11.4
	2019	16.8	6.7	11.2	3.6	10.3
<i>Change from 2001 to 2019</i>		<i>-40.2%</i>	<i>-37.4%</i>	<i>-50.9%</i>	<i>-62.9%</i>	<i>-44.3%</i>

CHANGE FROM 2001 TO 2019	EASTERN	CENTRAL	WESTERN	SOUTHWEST	STATE
CHIP	-24.3%	-33.3%	58.5%	75.6%	43.0%
Non-MO HealthNet	-25.8%	-20.0%	-36.7%	-57.6%	-30.8%
MO HealthNet	-40.2%	-37.4%	-50.9%	-62.9%	-44.3%

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

REVIEW PERIOD: JANUARY 1, 2020 – DECEMBER 31, 2020

### WRAPAROUND SERVICES (FOR CHILDREN WITH SED AND THOSE AFFECTED BY SUBSTANCE ABUSE)

PROCEDURE CODE	DESCRIPTION
H0036	Community Support
H0036 CR	Community Support (Catastrophe/Disaster Related)
H0038 HA	Family Support: Child/Adolescent
H0038 HA CR	Family Support: Child/Adolescent (Catastrophe/Disaster Related)
H0045 HA	Respite not-in-home
H2022 HA	Wrap Around Services: Youth
T1016	Case Management (Physician)
T1016 AF	Case Management (Child Psychiatrist)
T1016 AH	Case Management (Licensed Psychologist)
T1016 HN	Case Management (Bachelor Level)
T1016 HN CR	Case Management (Bachelor Level) (Catastrophe/Disaster Related)
T1016 HO	Case Management (Licensed QMHP)
T1016 HO CR	Case Management (Licensed QMHP) (Catastrophe/Disaster Related)
T1016 HO TG	Case Management (SLF QMHP)
T1017 HA HN	Targeted Case Management: TCM Youth (Bachelor Level)
T1017 HA HN CR	Targeted Case Management: TCM Youth (Bachelor Level) (Catastrophe/Disaster Related)
T1017 HA HO	Targeted Case Management: TCM Youth (Master's Level)