



**STATE OF MISSOURI**

CHILDREN'S HEALTH INSURANCE  
PROGRAM AND SHOW ME  
HEALTHY BABIES

APPENDICES

DEPARTMENT OF SOCIAL SERVICES

DECEMBER 2019

# CONTENTS

- 1. Appendix 1: CHIP Premiums.....3
- 2. Appendix 2: Medicaid and CHIP Enrollment by County (Excludes SMHB) .....5
- 3. Appendix 3: SMHB Enrollment by County ..... 10
- 4. Appendix 4: Hospitalization and ER Utilization Rates by Payer/Program (2001–2017)..... 12
- 5. Appendix 5: DMH-DSS Wraparound Service Codes and Titles .....21

## APPENDIX 1: CHIP PREMIUMS

CHIP PREMIUM CHART EFFECTIVE JULY 1, 2018			
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	\$114
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	\$154
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	\$195
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	\$235
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	\$276
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	\$316
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	\$357
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	\$397
9	>150	\$5,688.01 to \$7,015.00	\$53

**CHIP PREMIUM CHART  
EFFECTIVE JULY 1, 2018**

<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	\$438
<i>Premium information for family sizes of 10+ is available upon request</i>			

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

DECEMBER 2018

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Adair	228	10	209	447
Andrew	132	4	96	232
Atchison	32	3	37	72
Audrain	280	5	177	462
Barry	448	14	224	686
Barton	146	3	118	267
Bates	184	5	135	324
Benton	187	4	145	336
Bollinger	140	1	118	259
Boone	1,153	33	1,071	2,257
Buchanan	800	23	562	1,385
Butler	429	18	415	862
Caldwell	101	6	75	182
Callaway	335	19	290	644
Camden	423	15	353	791
Cape Girardeau	588	21	461	1,070
Carroll	88	1	58	147
Carter	64	2	50	116
Cass	895	27	844	1,766
Cedar	146	3	121	270
Chariton	61	-	73	134
Christian	972	30	943	1,945
Clark	66	1	72	139
Clay	1,594	79	1,581	3,254

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Clinton	138	3	173	314
Cole	534	21	455	1,010
Cooper	151	9	126	286
Crawford	255	16	196	467
Dade	90	3	74	167
Dallas	161	2	171	334
Daviess	61	-	68	129
DeKalb	43	3	73	119
Dent	162	3	152	317
Douglas	167	2	152	321
Dunklin	291	4	232	527
Franklin	812	25	643	1,480
Gasconade	123	7	97	227
Gentry	73	3	58	134
Greene	2,490	101	2,039	4,630
Grundy	86	3	80	169
Harrison	120	3	78	201
Henry	206	4	222	432
Hickory	55	1	55	111
Holt	48	1	28	77
Howard	84	2	99	185
Howell	516	16	429	961
Iron	111	8	73	192
Jackson	5,417	255	4,652	10,324
Jasper	1,265	47	898	2,210
Jefferson	1,487	46	1,502	3,035
Johnson	274	12	300	586
Knox	35	4	30	69

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Laclede	435	17	419	871
Lafayette	258	6	268	532
Lawrence	402	16	366	784
Lewis	75	4	69	148
Lincoln	437	21	491	949
Linn	84	2	86	172
Livingston	105	5	91	201
Macon	186	2	160	348
Madison	151	6	109	266
Maries	43	3	50	96
Marion	258	13	245	516
McDonald	232	5	171	408
Mercer	28	-	24	52
Miller	236	7	251	494
Mississippi	127	6	126	259
Moniteau	156	11	106	273
Monroe	84	3	77	164
Montgomery	97	9	129	235
Morgan	214	8	221	443
New Madrid	213	12	125	350
Newton	482	21	486	989
Nodaway	102	13	146	261
Oregon	116	7	85	208
Osage	74	7	44	125
Ozark	103	3	85	191
Pemiscot	106	8	104	218
Perry	122	3	141	266
Pettis	521	12	384	917

COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Phelps	308	22	324	654
Pike	101	15	123	239
Platte	371	16	554	941
Polk	215	8	268	491
Pulaski	257	10	283	550
Putnam	37	2	42	81
Ralls	59	4	69	132
Randolph	171	9	222	402
Ray	147	6	135	288
Reynolds	66	4	54	124
Ripley	140	3	124	267
Saline	183	5	152	340
Schuyler	36	-	45	81
Scotland	52	-	63	115
Scott	366	13	301	680
Shannon	93	6	84	183
Shelby	50	3	82	135
St. Charles	1,706	57	1,758	3,521
St. Clair	88	2	60	150
St. Francois	469	18	448	935
Ste. Genevieve	93	4	77	174
St. Louis City	2,759	86	1,249	4,094
St. Louis Co.	4,963	210	4,904	10,077
Stoddard	284	3	315	602
Stone	207	23	265	495
Sullivan	51	3	49	103
Taney	562	31	550	1,143
Texas	210	17	164	391



COUNTY	MEDICAID/CHIP (NON-PREMIUM)	CHIP (NON-PREMIUM)	CHIP (PREMIUM)	TOTAL
Vernon	176	4	172	352
Warren	176	20	212	408
Washington	216	4	157	377
Wayne	106	8	84	198
Webster	318	11	358	687
Worth	9	-	10	19
Wright	208	6	248	462
Other	4	1	-	5
<b>Total</b>	<b>45,451</b>	<b>1,795</b>	<b>40,447</b>	<b>87,693</b>

## APPENDIX 3 : SMHB ENROLLMENT BY COUNTY

DECEMBER 2018

COUNTY	SMHB	COUNTY	SMHB	COUNTY	SMHB
Adair	30	Cole	19	Johnson	10
Andrew	7	Cooper	7	Knox	3
Atchison	1	Crawford	6	Laclede	9
Audrain	10	Dade	1	Lafayette	14
Barry	35	Dallas	3	Lawrence	30
Barton	3	Daviess	1	Lewis	1
Bates	2	DeKalb	-	Lincoln	11
Benton	3	Dent	3	Linn	1
Bollinger	1	Douglas	4	Livingston	2
Boone	125	Dunklin	17	Macon	5
Buchanan	75	Franklin	20	Madison	2
Butler	10	Gasconade	7	Maries	7
Caldwell	-	Gentry	4	Marion	5
Callaway	12	Greene	116	McDonald	56
Camden	14	Grundy	6	Mercer	1
Cape Girardeau	31	Harrison	1	Miller	9
Carroll	-	Henry	5	Mississippi	3
Carter	4	Hickory	1	Moniteau	4
Cass	42	Holt	1	Monroe	1
Cedar	-	Howard	6	Montgomery	4
Chariton	2	Howell	10	Morgan	5
Christian	26	Iron	3	New Madrid	2
Clark	2	Jackson	832	Newton	73
Clay	128	Jasper	182	Nodaway	2
Clinton	4	Jefferson	49	Oregon	1

COUNTY	SMHB	COUNTY	SMHB
Osage	3	Stone	12
Ozark	4	Sullivan	20
Pemiscot	5	Taney	72
Perry	8	Texas	4
Pettis	51	Vernon	2
Phelps	30	Warren	13
Pike	-	Washington	5
Platte	62	Wayne	-
Polk	12	Webster	8
Pulaski	8	Worth	2
Putnam	-	Wright	9
Ralls	1	Unknown	-
Randolph	5	<b>Total</b>	<b>3,478</b>
Ray	4		
Reynolds	1		
Ripley	7		
Saline	13		
Schuyler	1		
Scotland	2		
Scott	8		
Shannon	1		
Shelby	1		
St. Charles	124		
St. Clair	1		
St. Francois	6		
St. Louis City	268		
St. Louis Co.	562		
Ste. Genevieve	1		
Stoddard	10		

# APPENDIX 4: HOSPITALIZATION AND ER UTILIZATION RATES BY PAYER/ PROGRAM (2001–2017)

PREVENTABLE HOSPITALIZATIONS AGE <19 BENCHMARK = 7.2/1,000 POP. KOZAK, HALL AND OWINGS						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	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
<i>Change from 2001 to 2017</i>		<i>-46.5%</i>	<i>-34.1%</i>	<i>-10.4%</i>	<i>-60.0%</i>	<i>-42.6%</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
	2008	6.0	5.7	3.9	5.4	5.3
	2009	6.5	5.8	3.9	5.7	5.6

PREVENTABLE HOSPITALIZATIONS AGE <19 BENCHMARK = 7.2/1,000 POP. KOZAK, HALL AND OWINGS						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	STATE
	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
<i>Change from 2001 to 2017</i>		<i>-23.3%</i>	<i>-16.1%</i>	<i>-14.0%</i>	<i>-31.1%</i>	<i>-22.4%</i>
MO HealthNet	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
<i>Change from 2001 to 2017</i>		<i>-34.9%</i>	<i>-41.3%</i>	<i>-38.0%</i>	<i>-69.4</i>	<i>-49.1%</i>

CHANGE FROM 2001 TO 2017	EASTERN	CENTRAL	WESTERN	OTHER	STATE
CHIP	-46.5%	-34.1%	-10.4%	-60.0%	-42.6%
Non-MO HealthNet	-23.3%	-16.1%	-14.0%	-31.1%	-22.4%
MO HealthNet	-32.9%	-44.0%	-37.2%	-52.8%	-44.1%

ASTHMA HOSPITALIZATIONS AGE <19 BENCHMARK = 1.43/1,000 POP. HEALTHY PEOPLE 2000						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	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
<i>Change from 2001 to 2017</i>		<i>-53.3%</i>	<i>-72.2%</i>	<i>-39.1%</i>	<i>-46.2%</i>	<i>-52.4%</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

<b>ASTHMA HOSPITALIZATIONS AGE &lt;19</b> <b>BENCHMARK = 1.43/1,000 POP.</b> <b>HEALTHY PEOPLE 2000</b>						
<b>POPULATION</b>	<b>CY</b>	<b>EASTERN</b>	<b>CENTRAL</b>	<b>WESTERN</b>	<b>OTHER</b>	<b>STATE</b>
	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
<i>Change from 2001 to 2017</i>		<i>-45.5%</i>	<i>-28.6%</i>	<i>-40.0%</i>	<i>-57.1%</i>	<i>-44.4%</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
	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
	<i>Change from 2001 to 2017</i>		<i>-40.8%</i>	<i>-51.7%</i>	<i>-43.8%</i>	<i>-75.9%</i>

CHANGE FROM 2001 TO 2017	EASTERN	CENTRAL	WESTERN	OTHER	STATE
CHIP	-53.3%	-72.2%	-39.1%	-46.2%	-52.4%
Non-MO HealthNet	-45.5%	-28.6%	-40.0%	-57.1%	-44.4%
MO HealthNet	-40.8%	-51.7%	-43.8%	-75.9%	-50.0%

EMERGENCY DEPARTMENT VISITS AGE <19 BENCHMARK = 3570/1,000 POP. HEALTH, UNITED STATES, 2005. CDC						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	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
	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
	<i>Change from 2001 to 2017</i>		-20.8%	-29.9%	-36.7%	-60.4%
<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



EMERGENCY DEPARTMENT VISITS AGE <19						
BENCHMARK = 3570/1,000 POP.						
HEALTH, UNITED STATES, 2005. CDC						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	STATE
	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
<i>Change from 2001 to 2017</i>		-1.6%	0.4%	-23.4%	-31.8%	-11.4%
MO HealthNet	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
	2017	646.4	583.8	521.3	420.9	559.7
	<i>Change from 2001 to 2017</i>		0.6%	-17.1%	-17.0%	-40.7%

CHANGE FROM 2001 TO 2017	EASTERN	CENTRAL	WESTERN	OTHER	STATE
CHIP	-20.8%	-29.9%	-36.7%	-60.4%	-36.4%
Non-MO HealthNet	-1.6%	0.4%	-23.4%	-31.8%	-11.4%
MO HealthNet	0.6%	-17.1%	-17.0%	-40.7%	-16.6%

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
	2017	12.0	4.3	6.9	2.2	6.7
<i>Change from 2001 to 2017</i>		<i>-32.2%</i>	<i>-15.7%</i>	<i>-48.9%</i>	<i>-71.8%</i>	<i>-41.2%</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

ASTHMA EMERGENCY DEPARTMENT VISITS AGE <19						
BENCHMARK = 9.3/1,000 POP.						
CDC NCHS HEALTH E-STATS						
POPULATION	CY	EASTERN	CENTRAL	WESTERN	OTHER	STATE
	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
<i>Change from 2001 to 2017</i>		-33.3%	-30.0%	-41.7%	-54.5%	-36.5%
MO HealthNet	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
	<i>Change from 2001 to 2017</i>		-28.8%	-28.0%	-31.6%	-57.7%

CHANGE FROM 2001 TO 2017	EASTERN	CENTRAL	WESTERN	OTHER	STATE
CHIP	-32.2%	-15.7%	48.9%	71.8%	41.2%
Non-MO HealthNet	-33.3%	-30.0%	-41.7%	-54.5%	-36.5%
MO HealthNet	-28.8%	-28.0%	-31.6%	-57.7%	-30.8%

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

REVIEW PERIOD: JANUARY 1, 2018–DECEMBER 31, 2018

### 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
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 HO	Case Management (Licensed QMHP)
T1016 HO TG	Case Management (SLF QMHP)
T1017 HA HN	Targeted Case Management: TCM Youth (Bachelor Level)
T1017 HA HO	Targeted Case Management: TCM Youth (Master's Level)