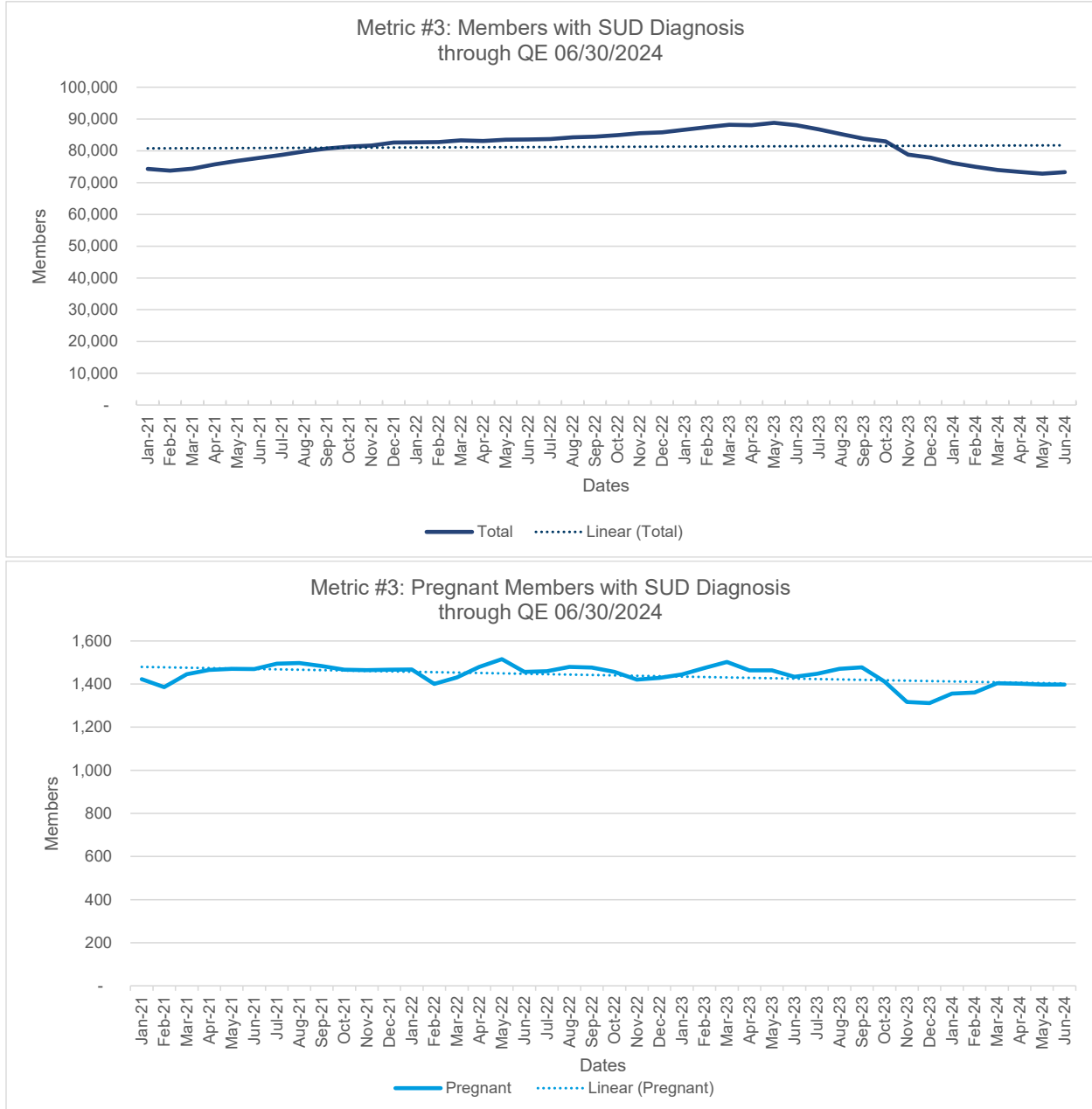


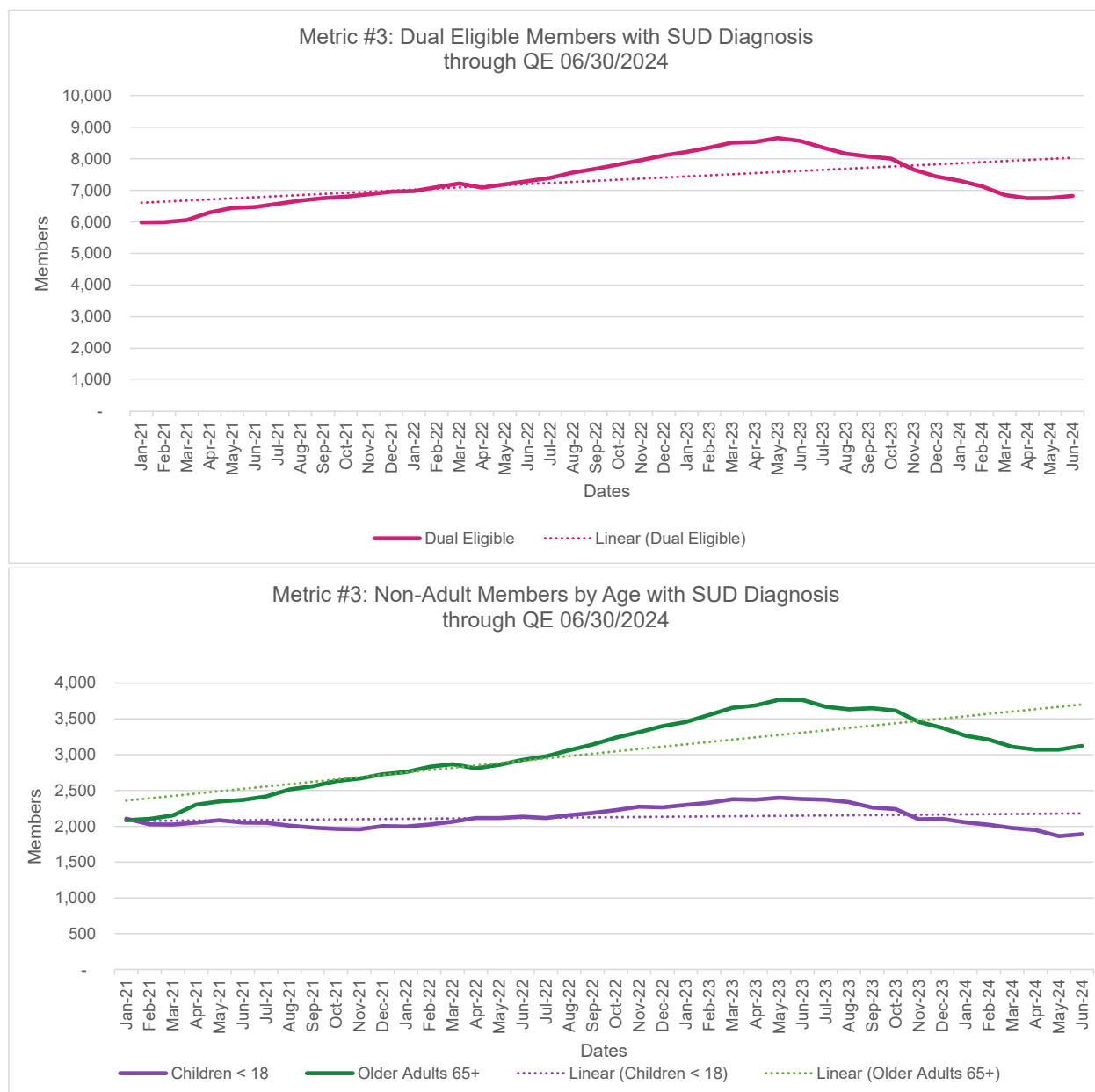
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration

Appendix: Metric Graphs

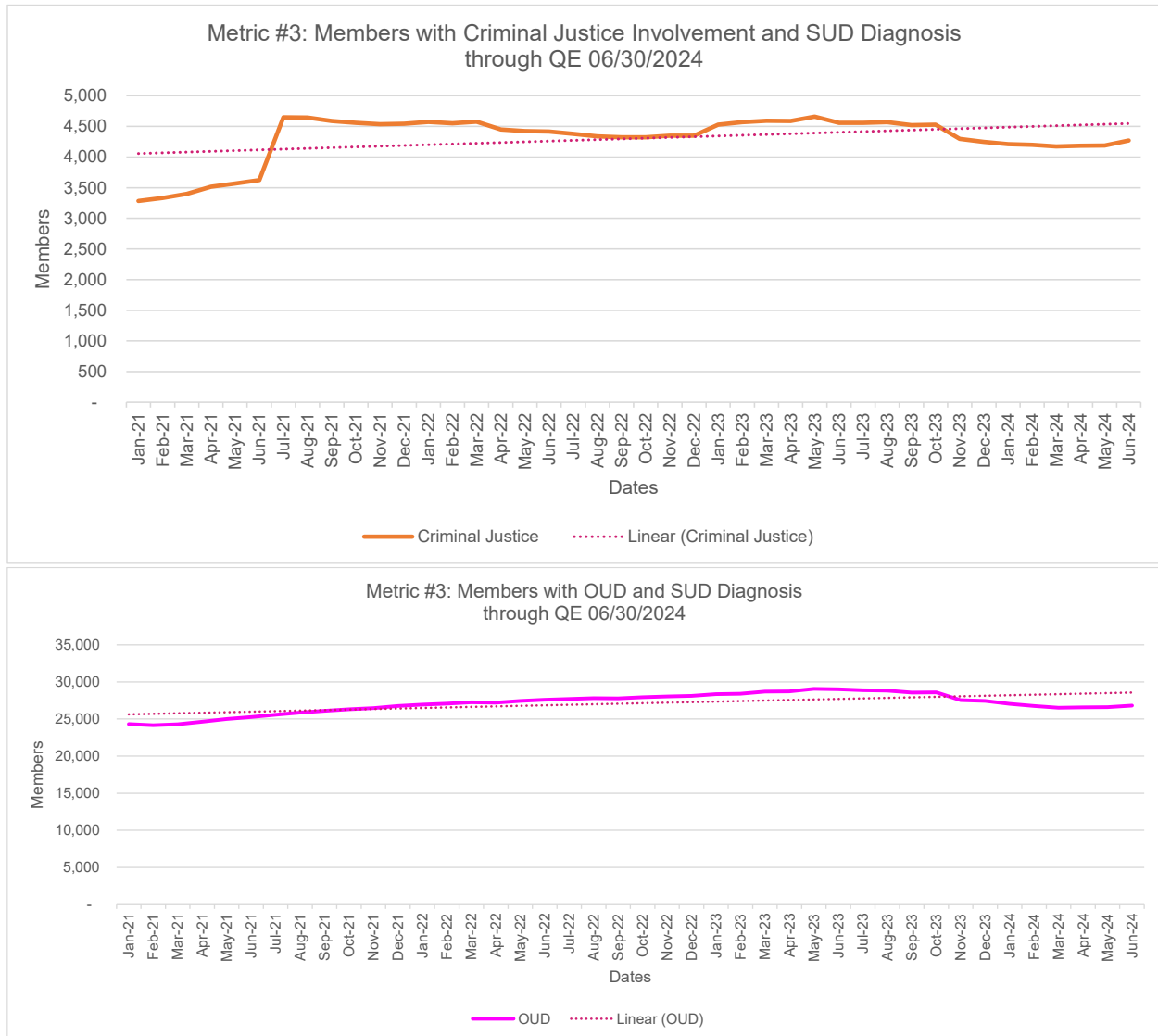
1. Assessment of need and qualification for SUD services



Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration

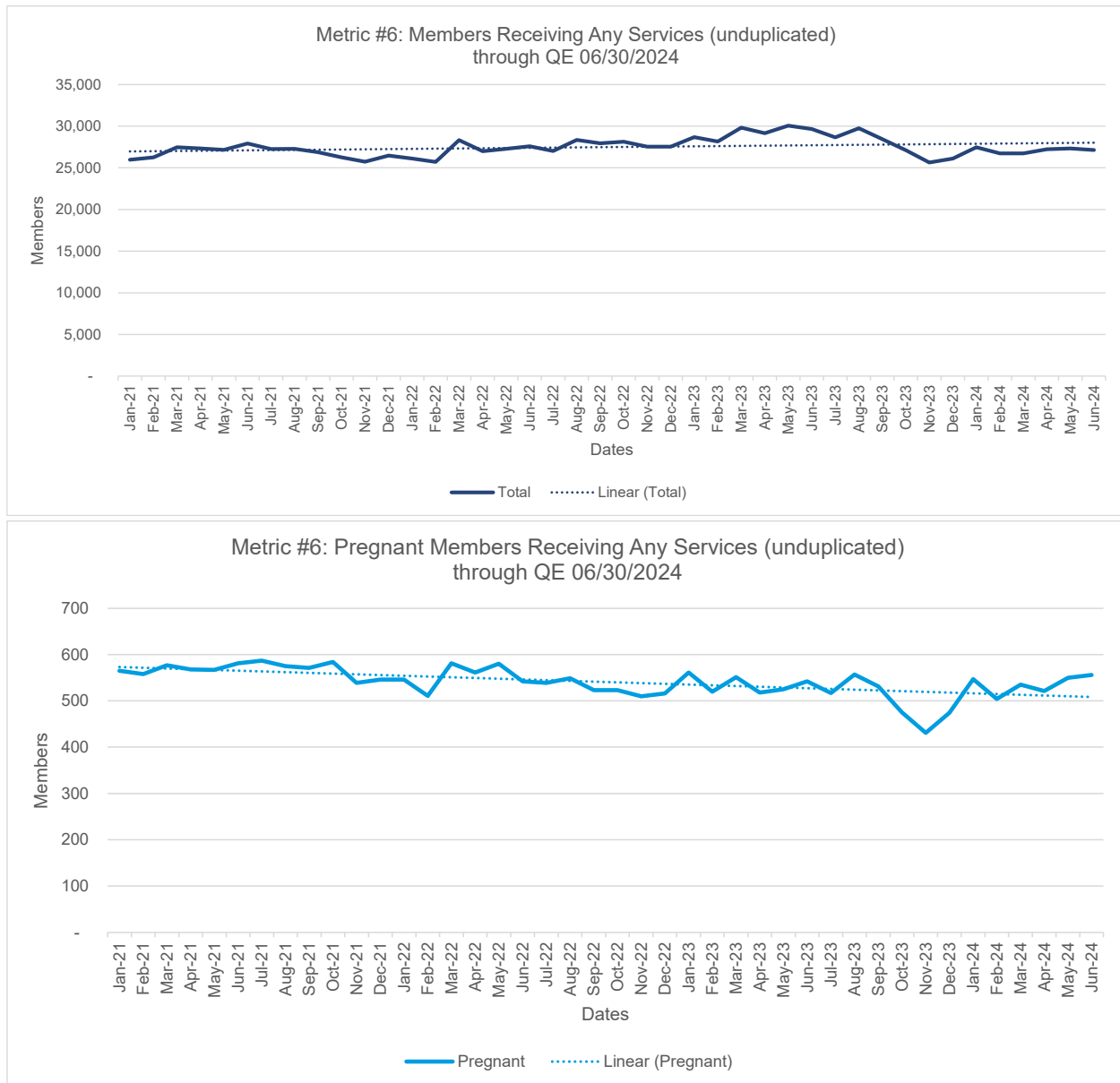


Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration

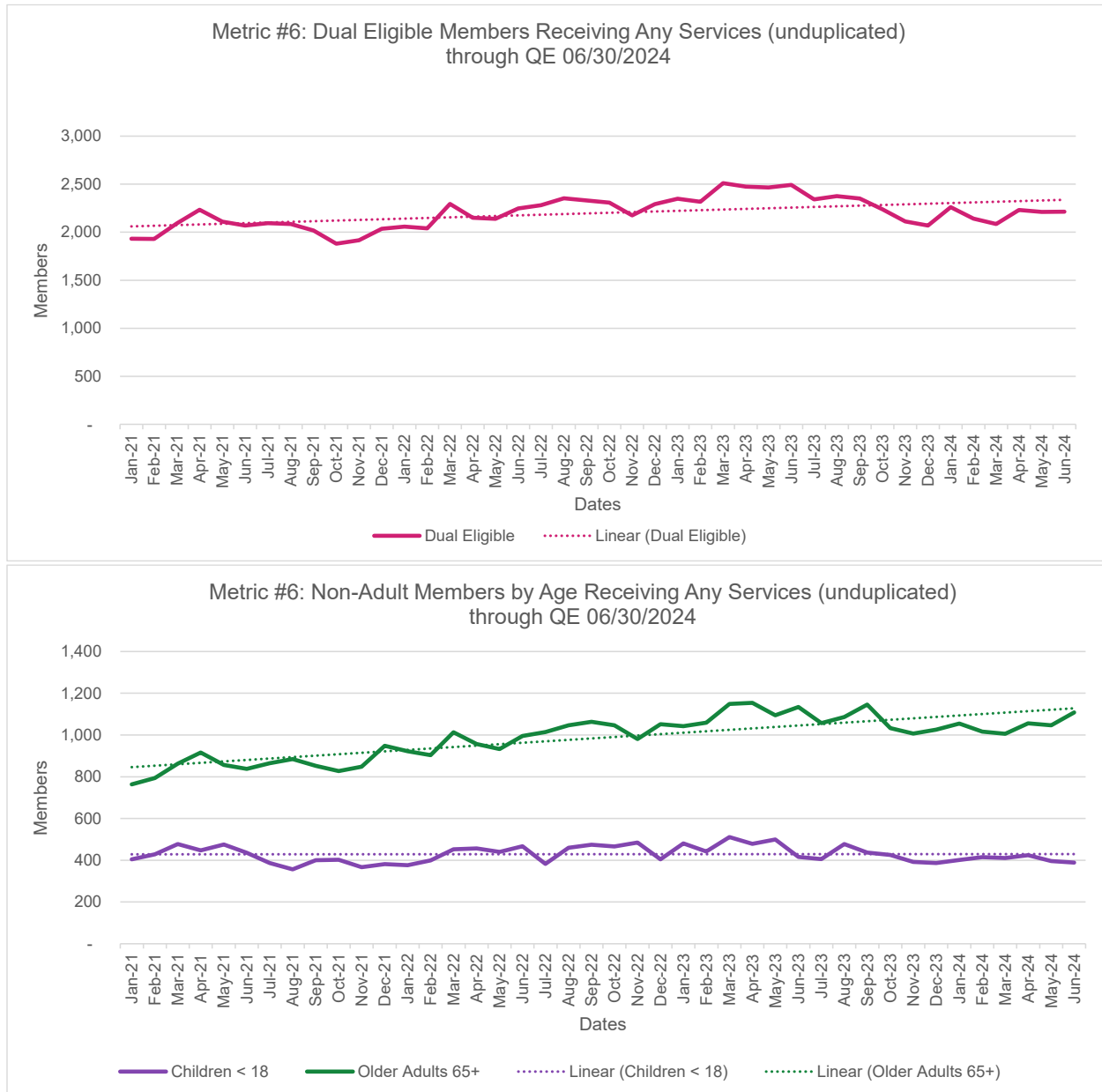


Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration

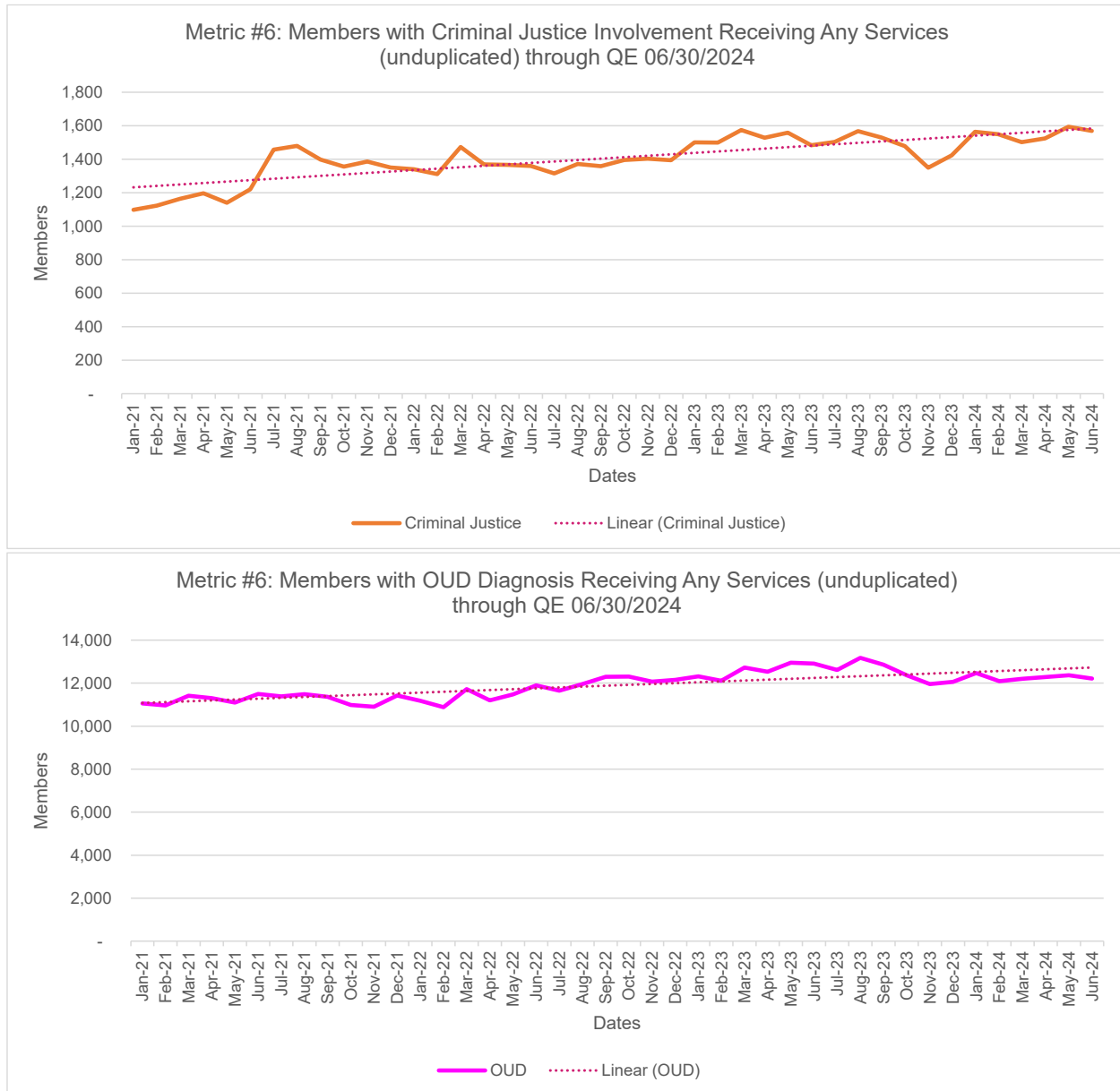
2. Access to Critical Levels of Care for OUD and other SUDs (Milestone 1)



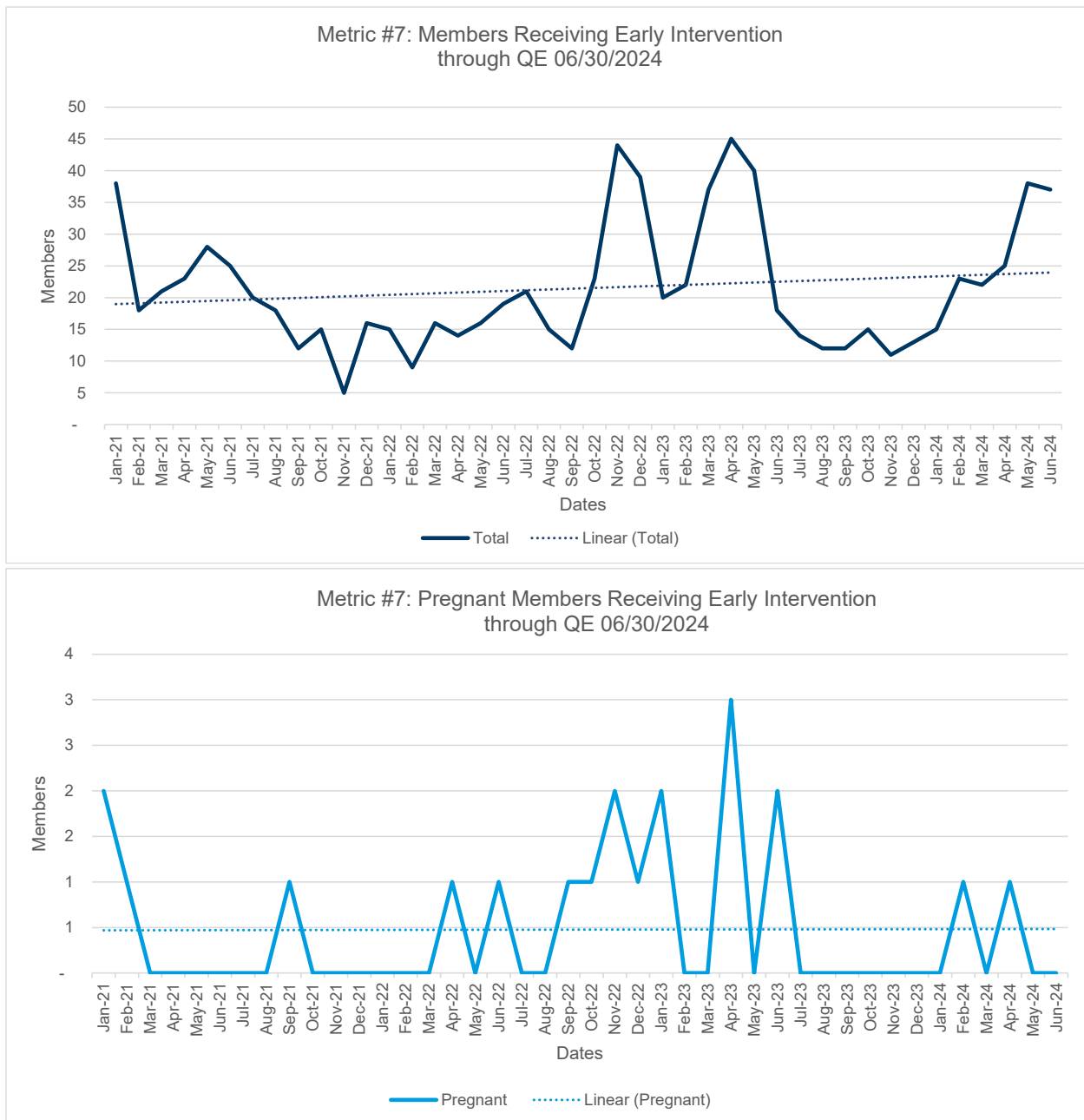
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



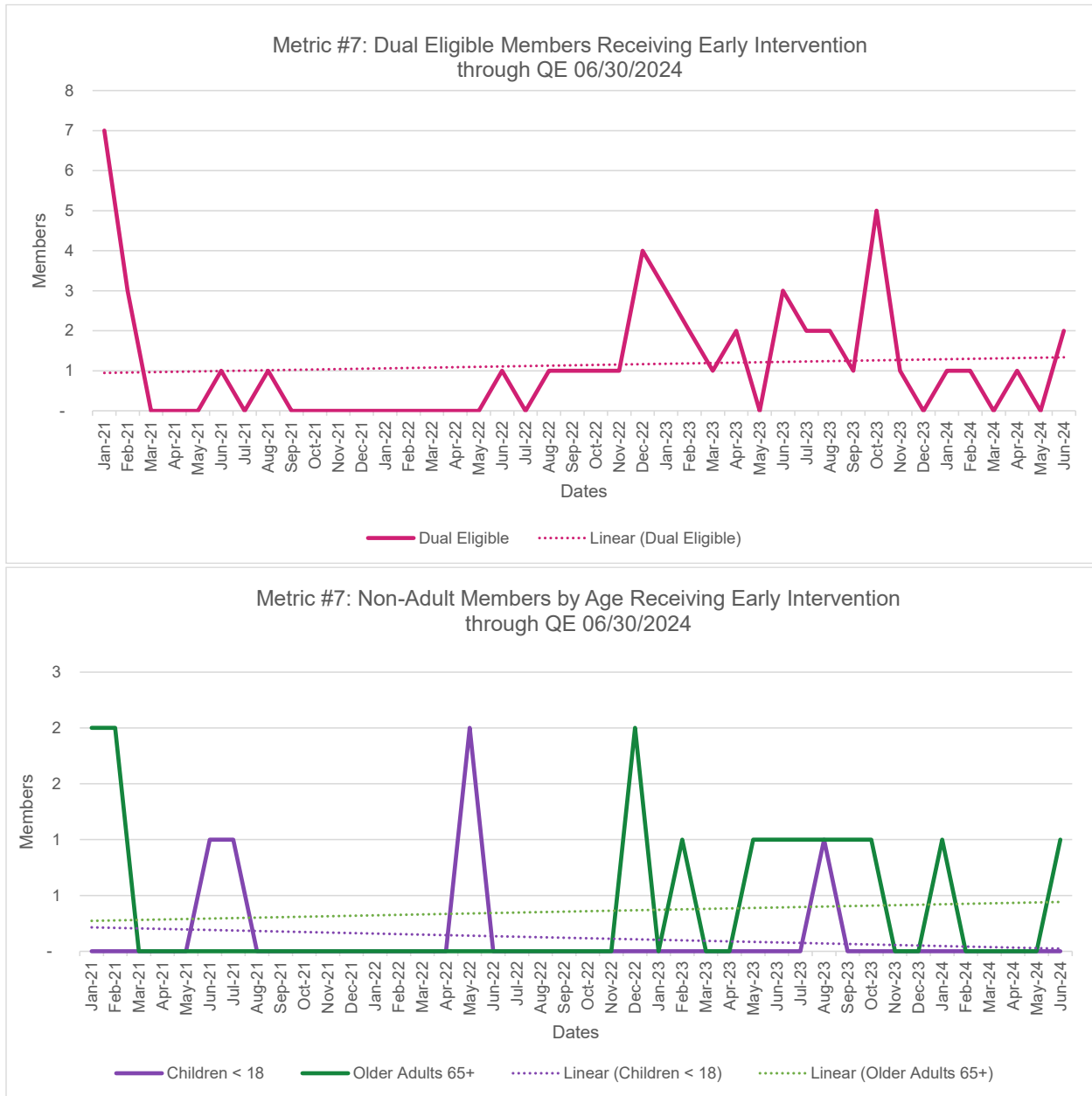
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration

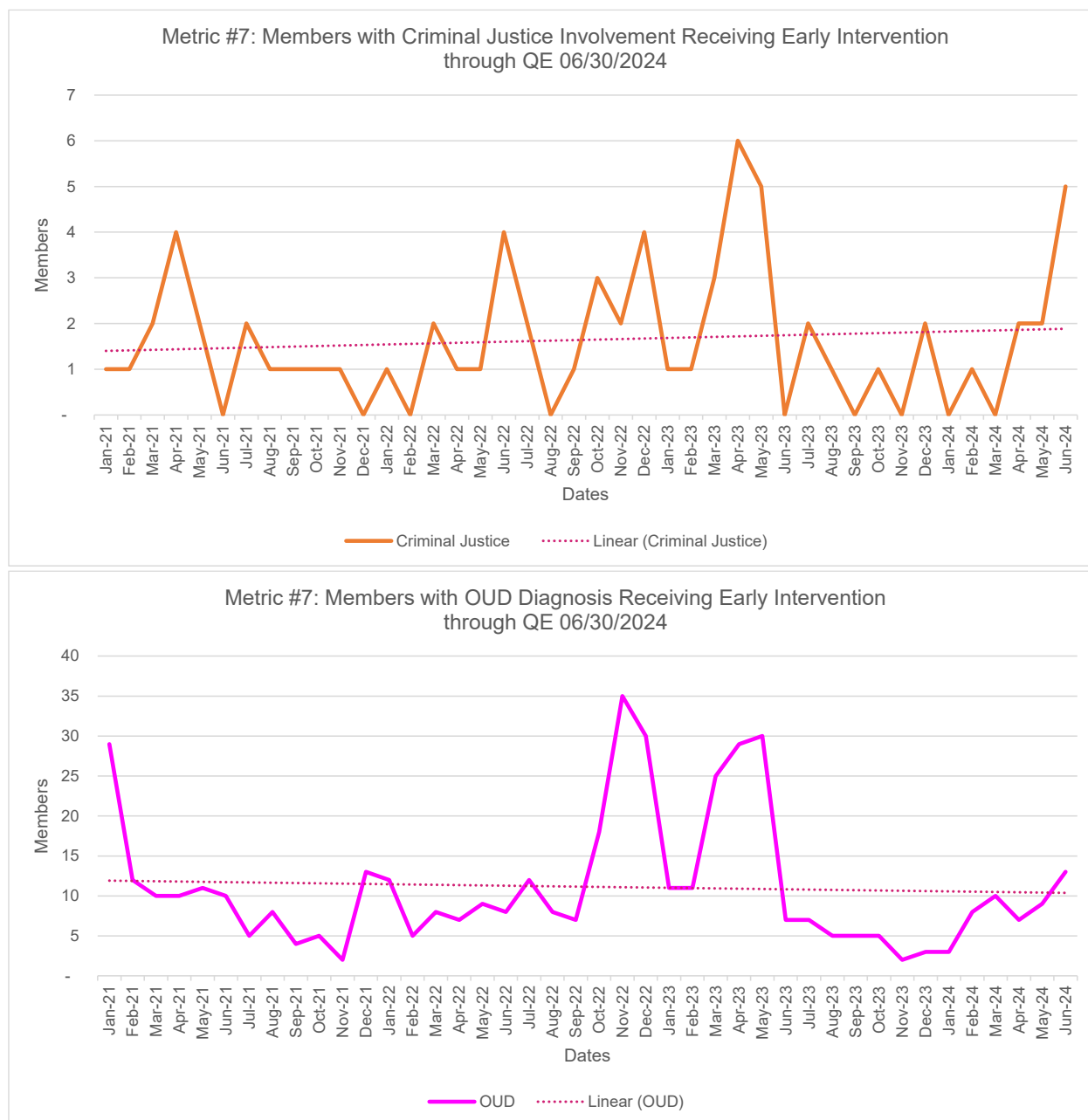


Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration

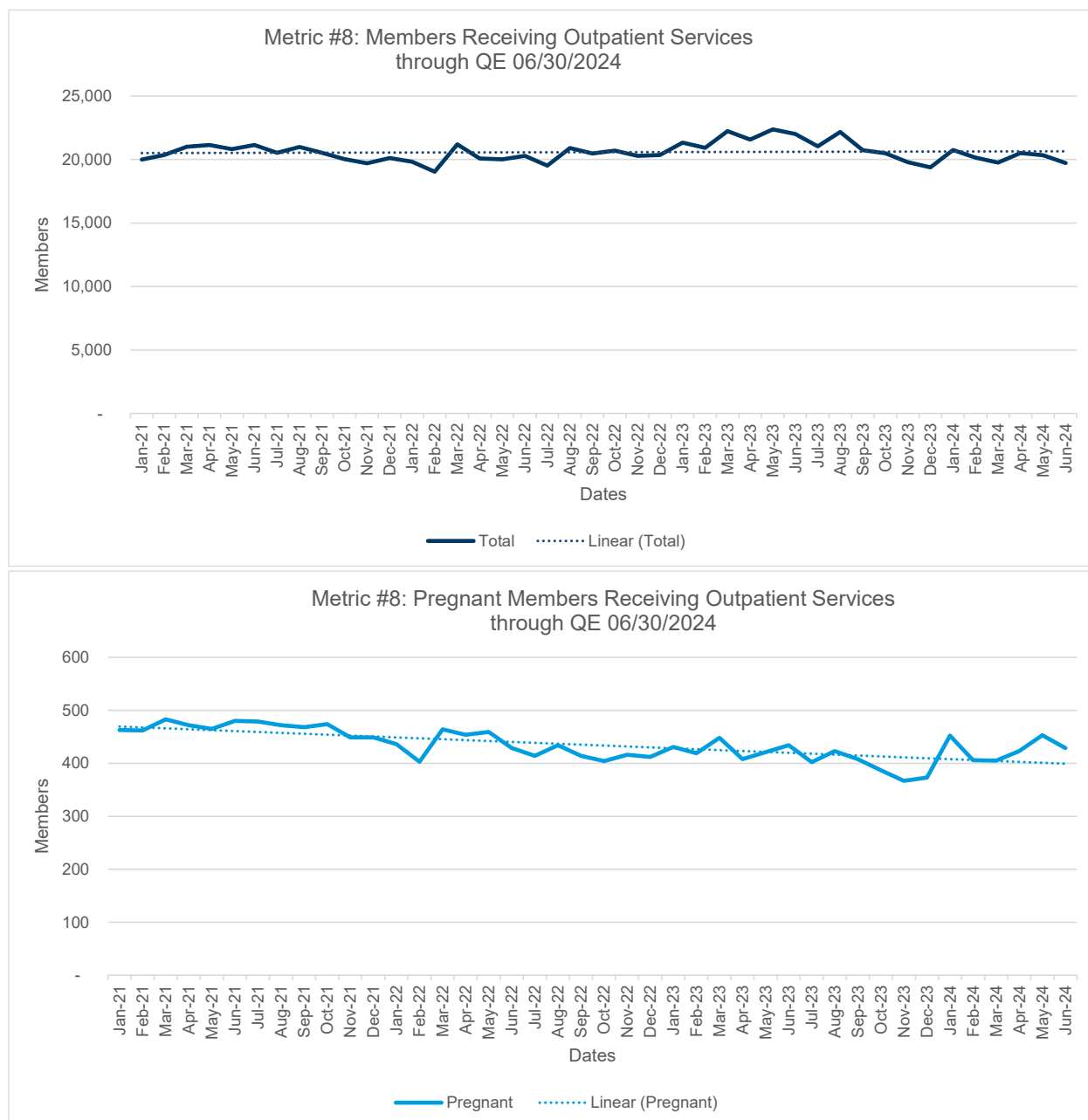


Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0

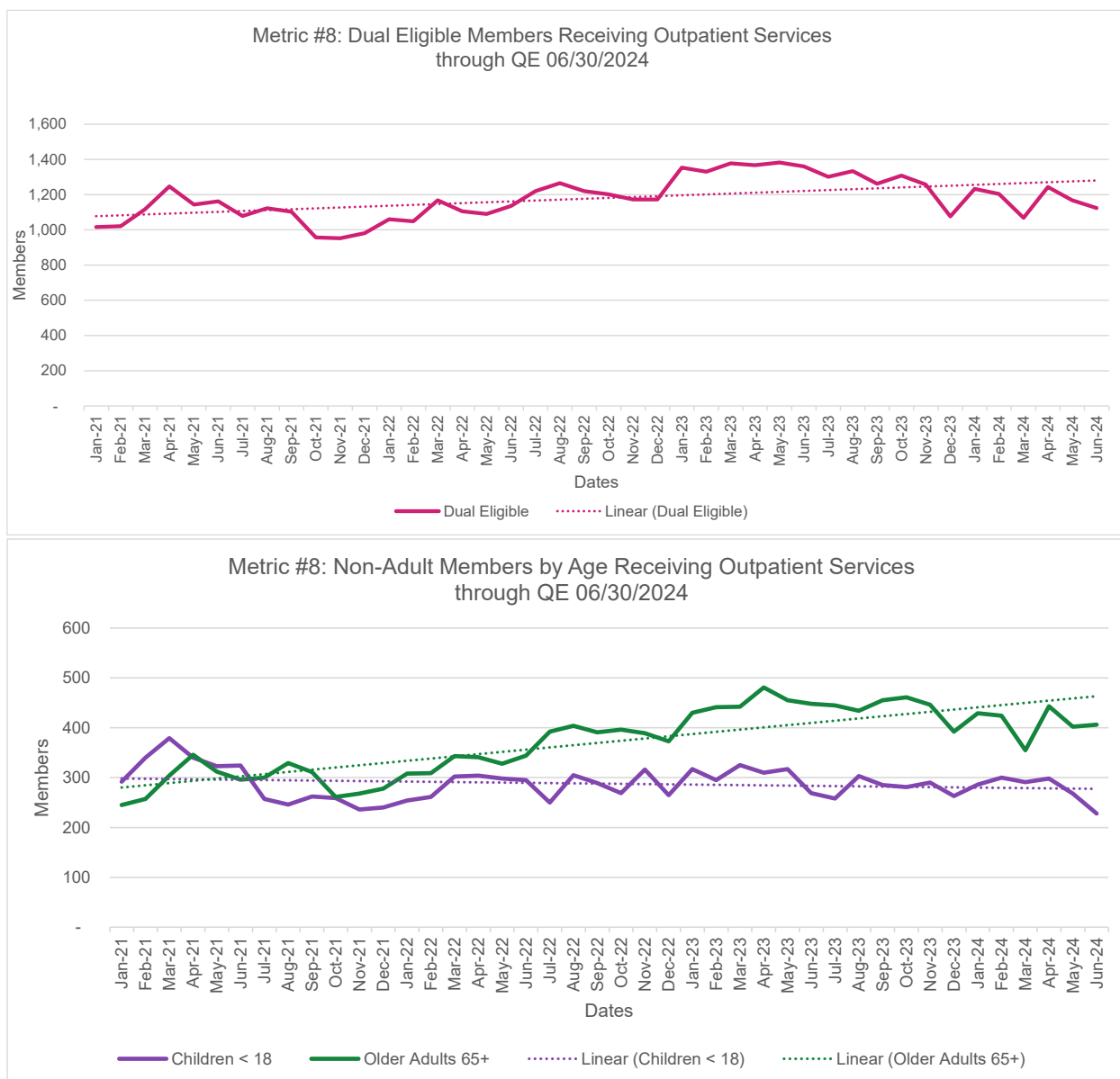
Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



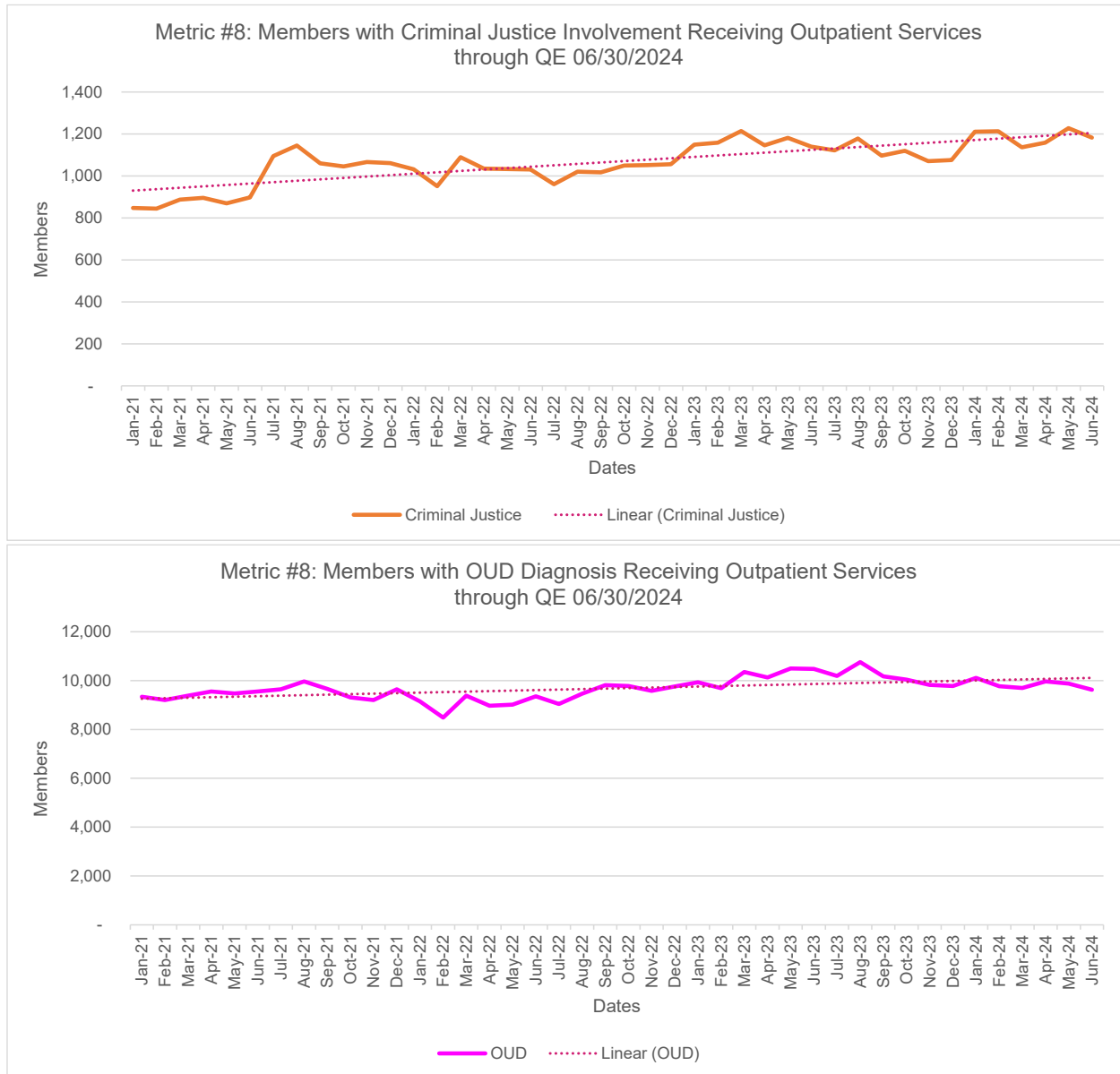
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



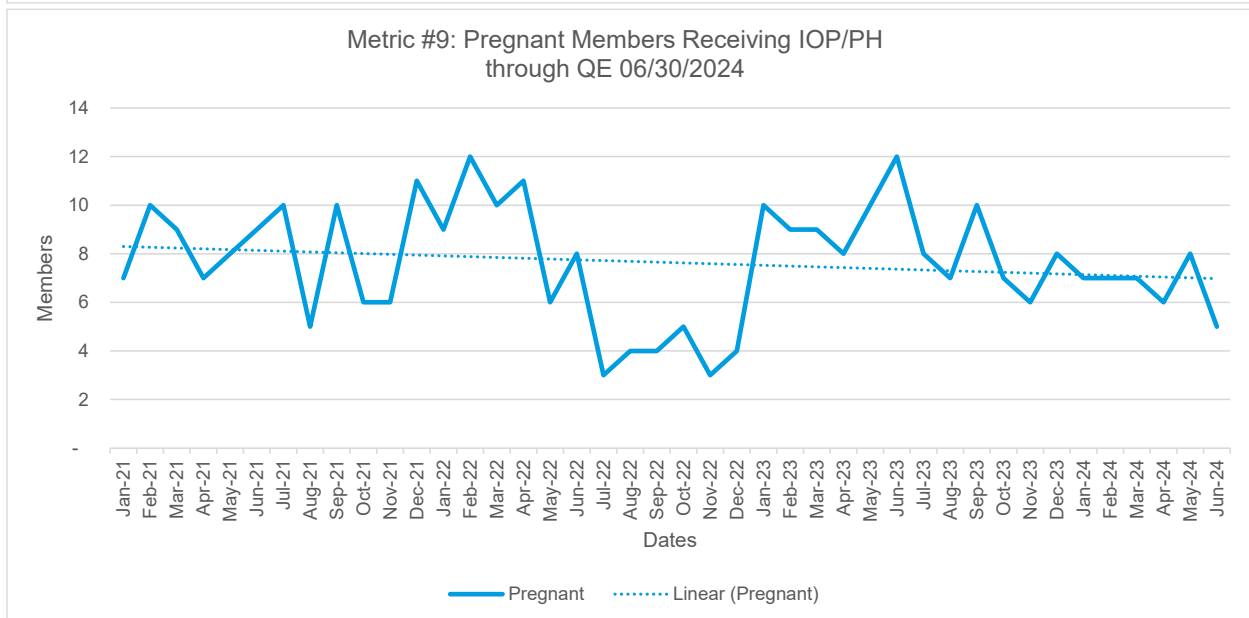
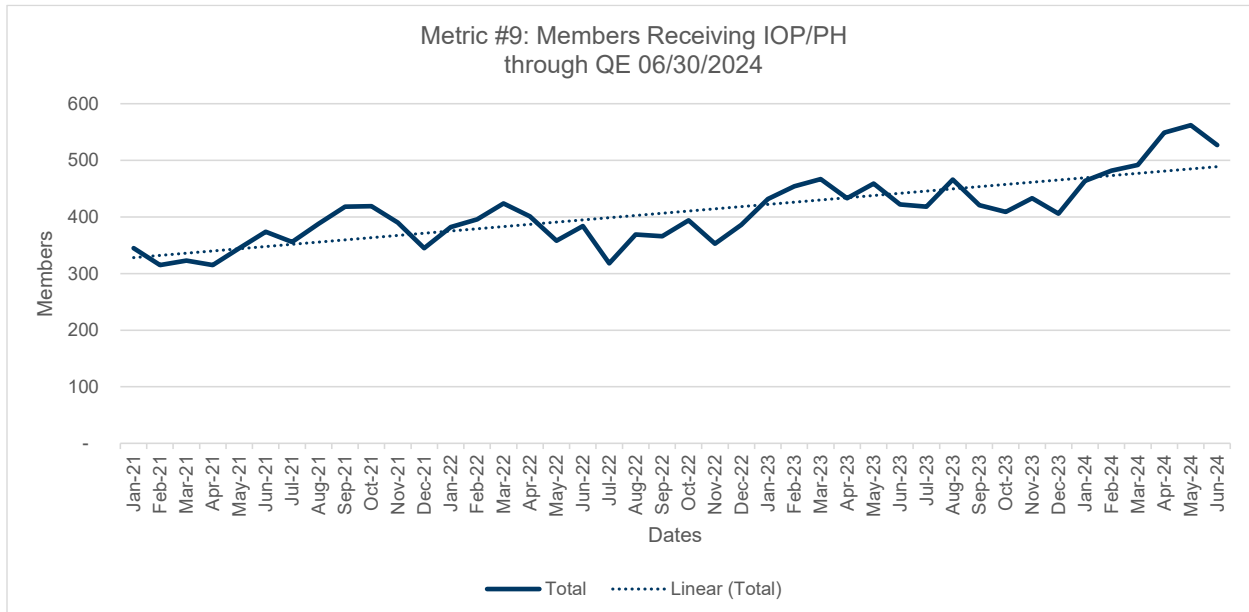
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



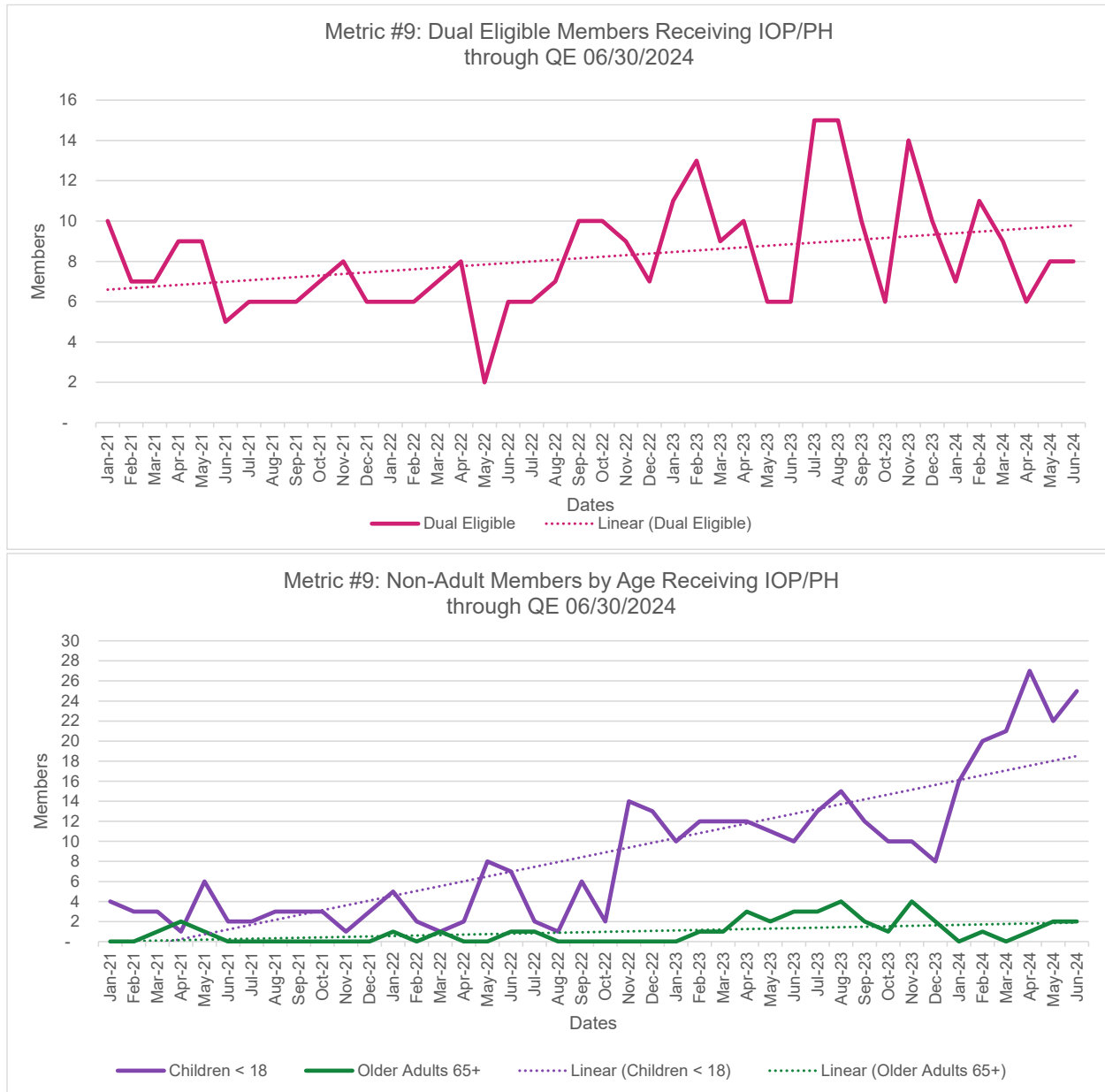
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



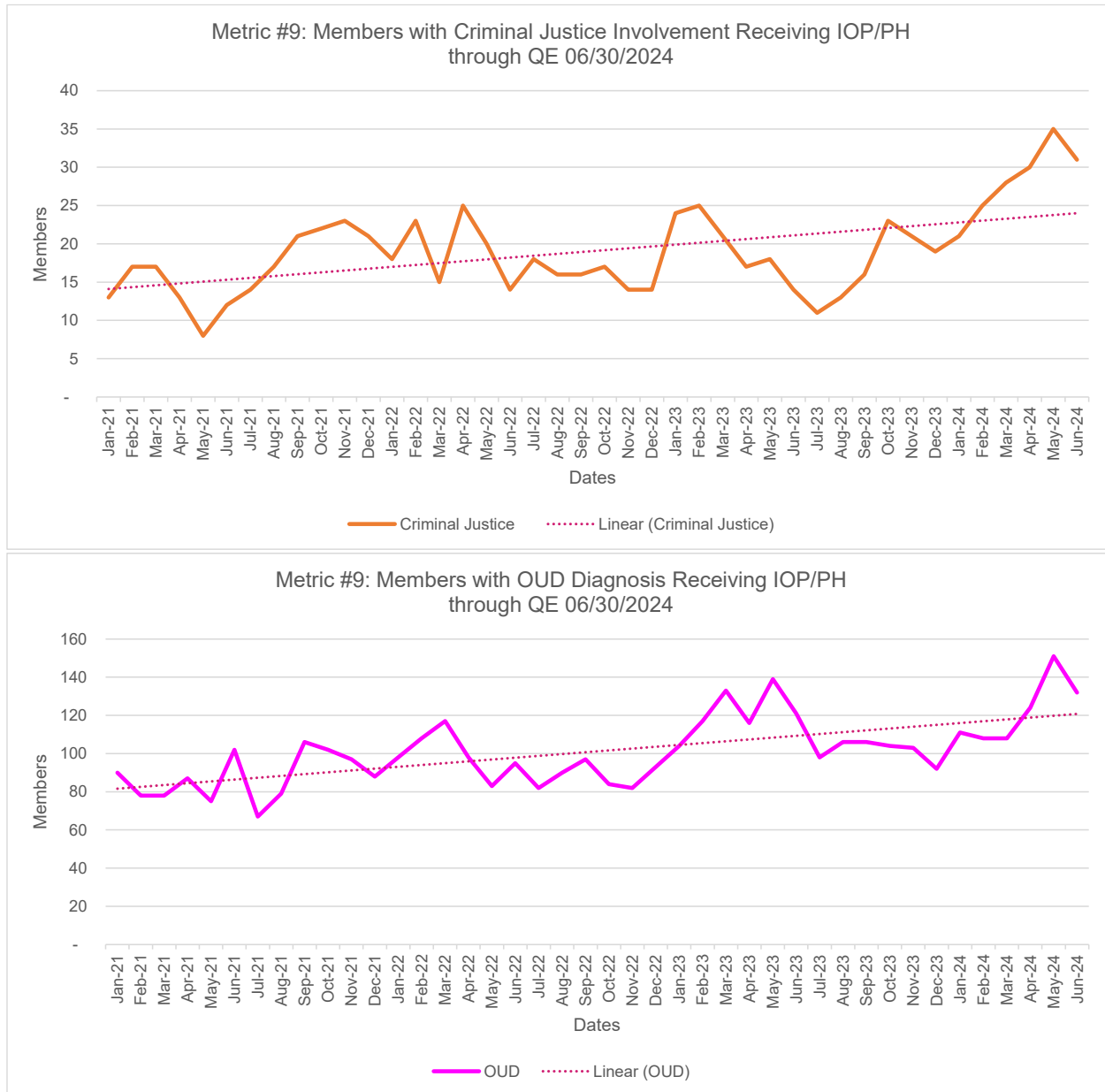
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



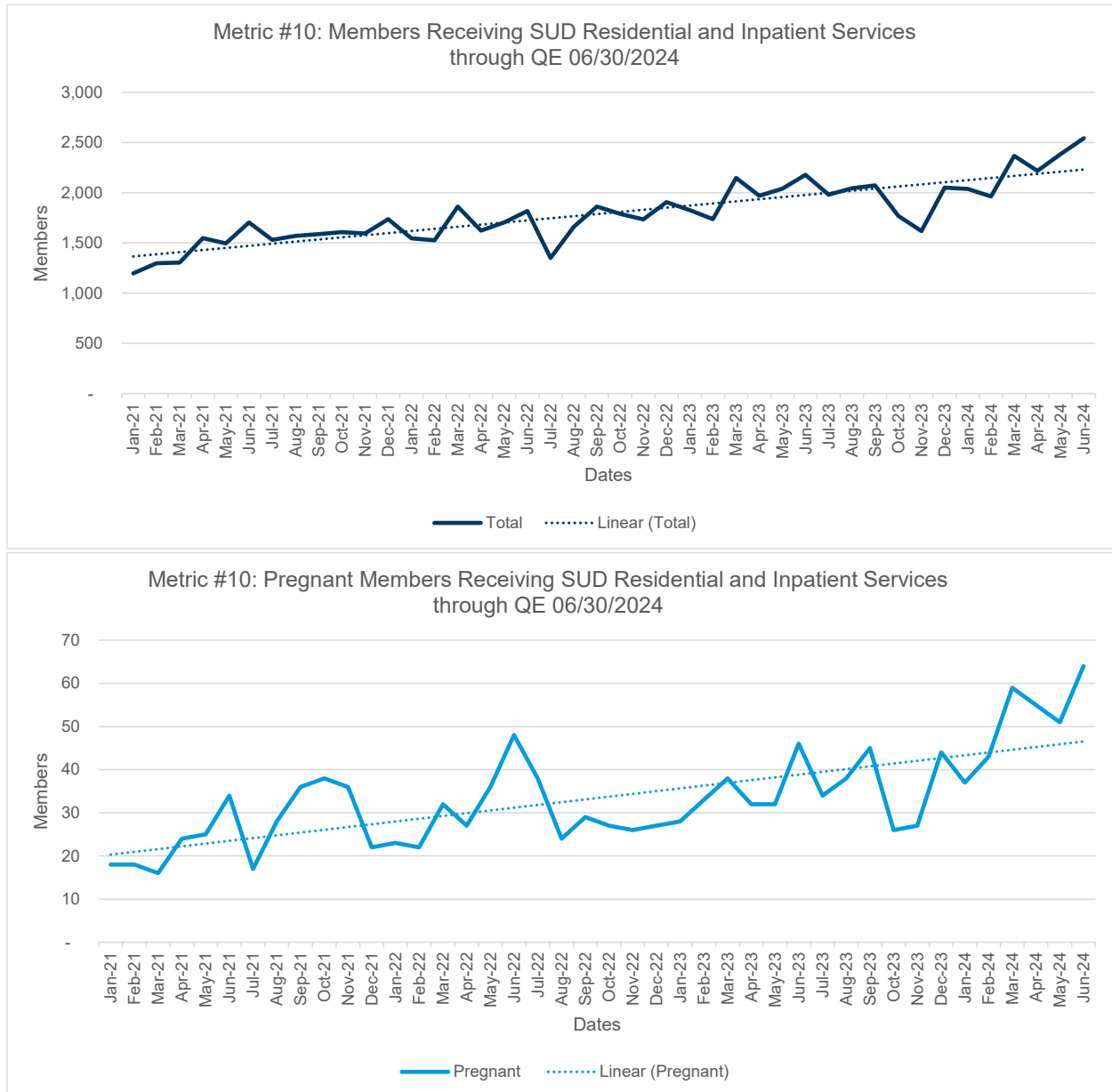
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



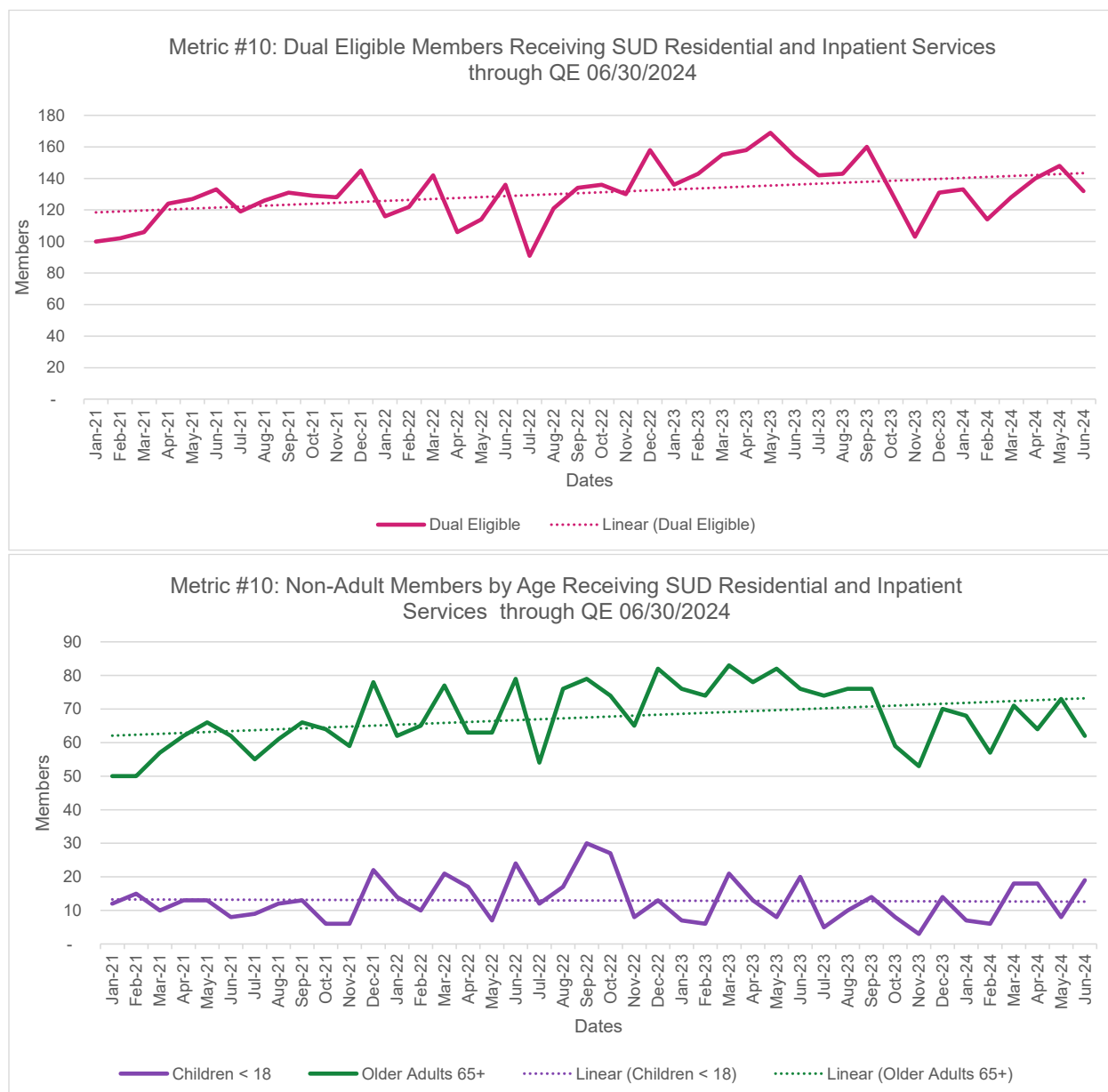
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



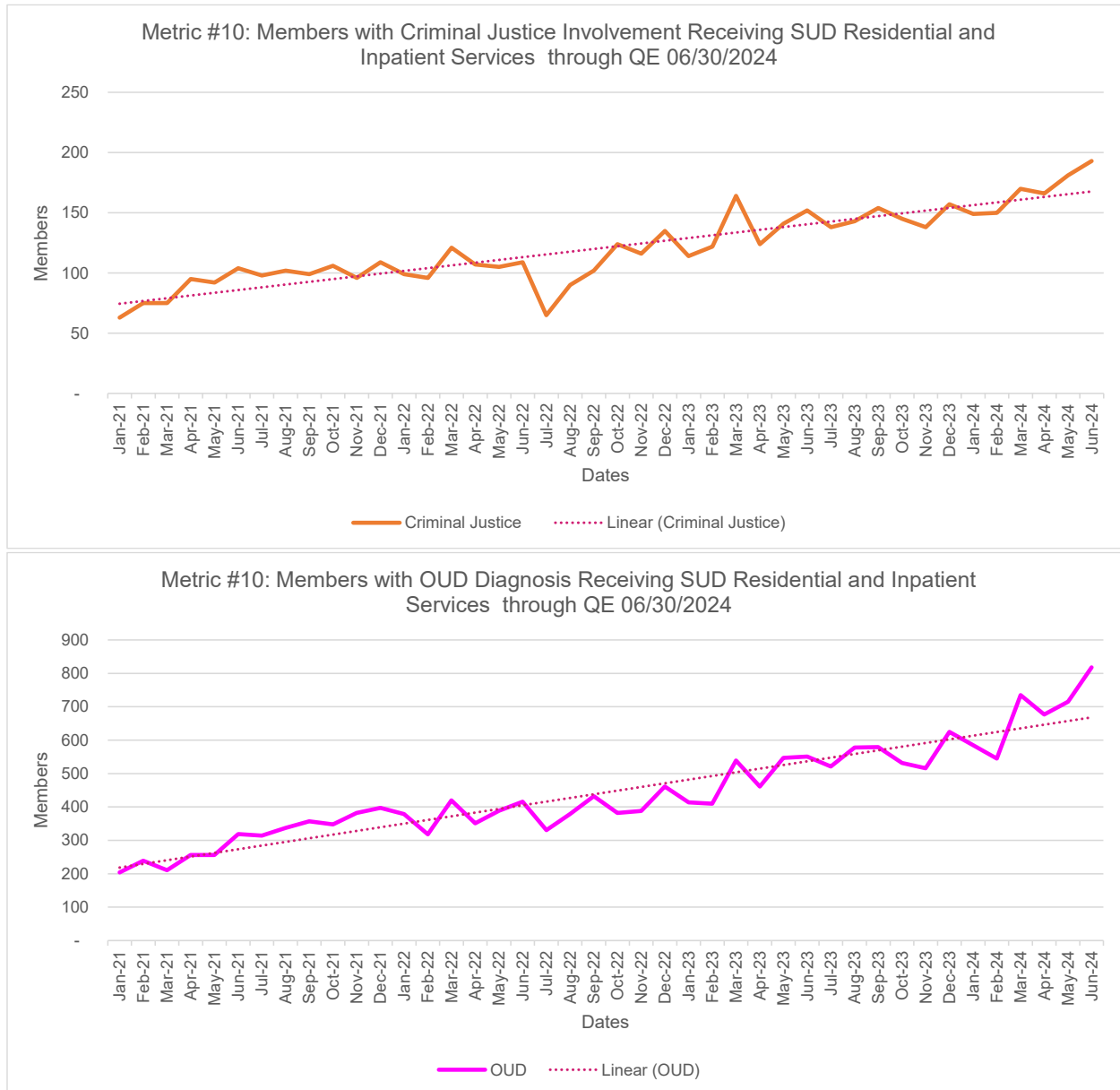
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 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



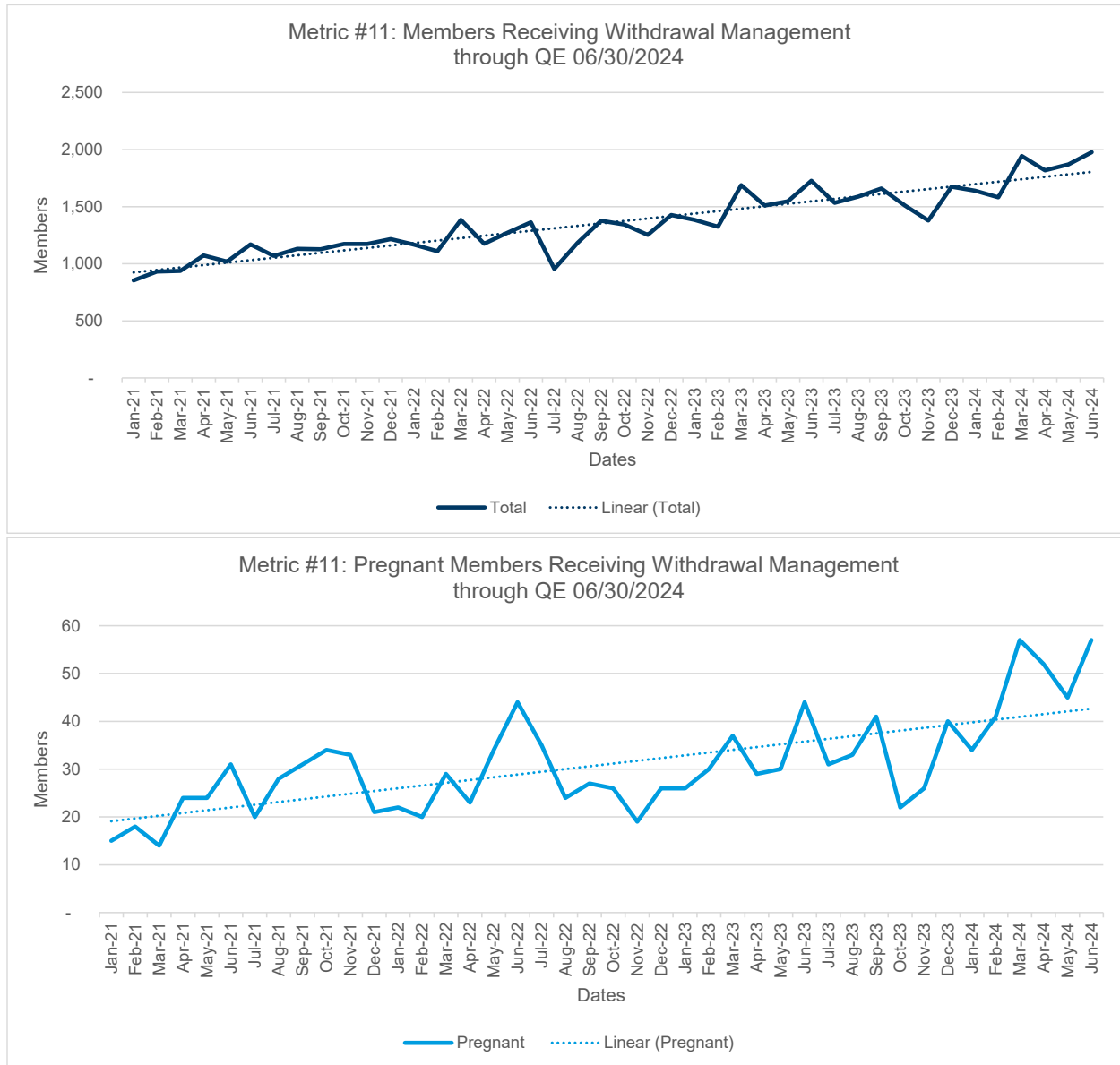
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 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



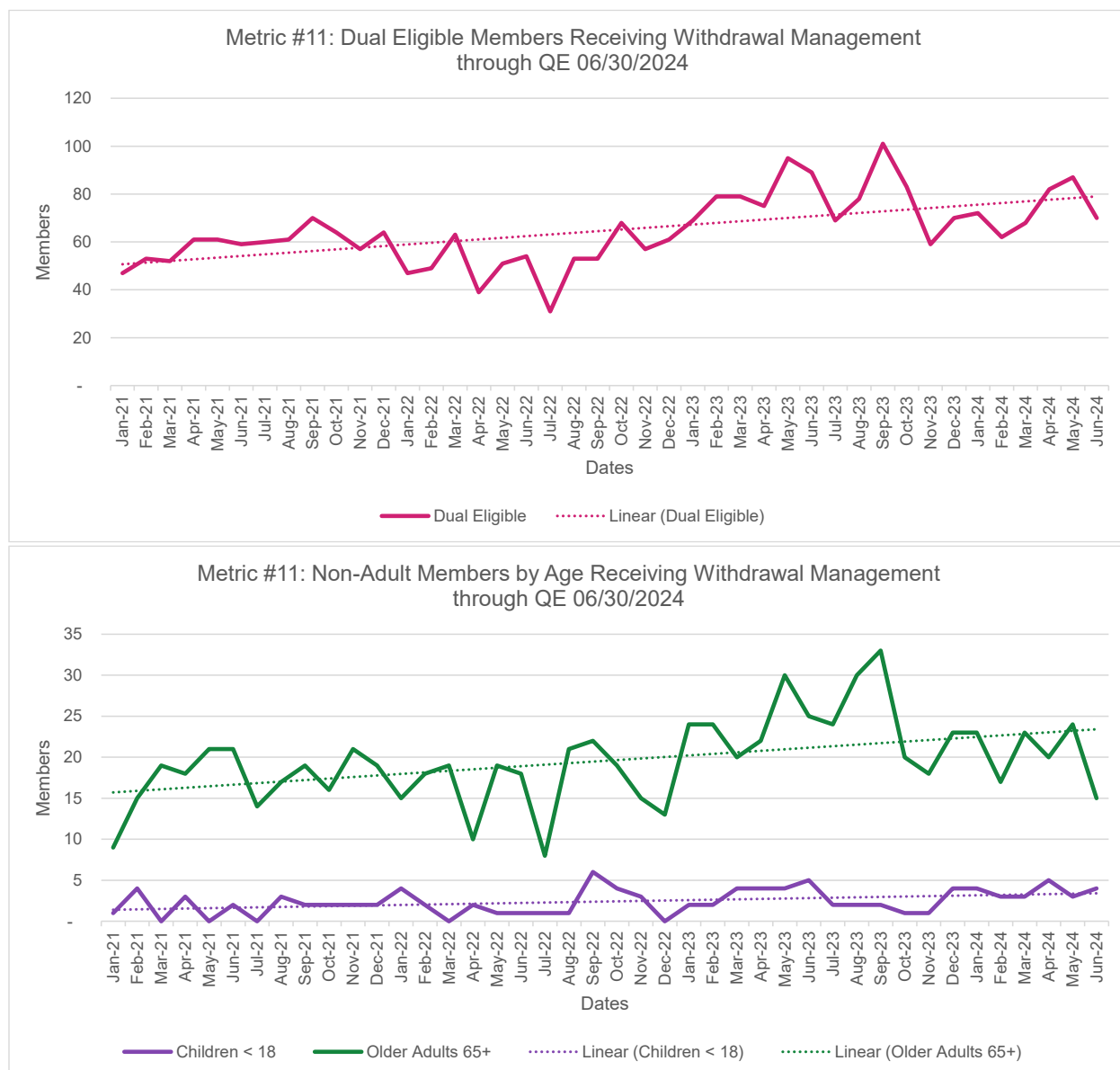
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



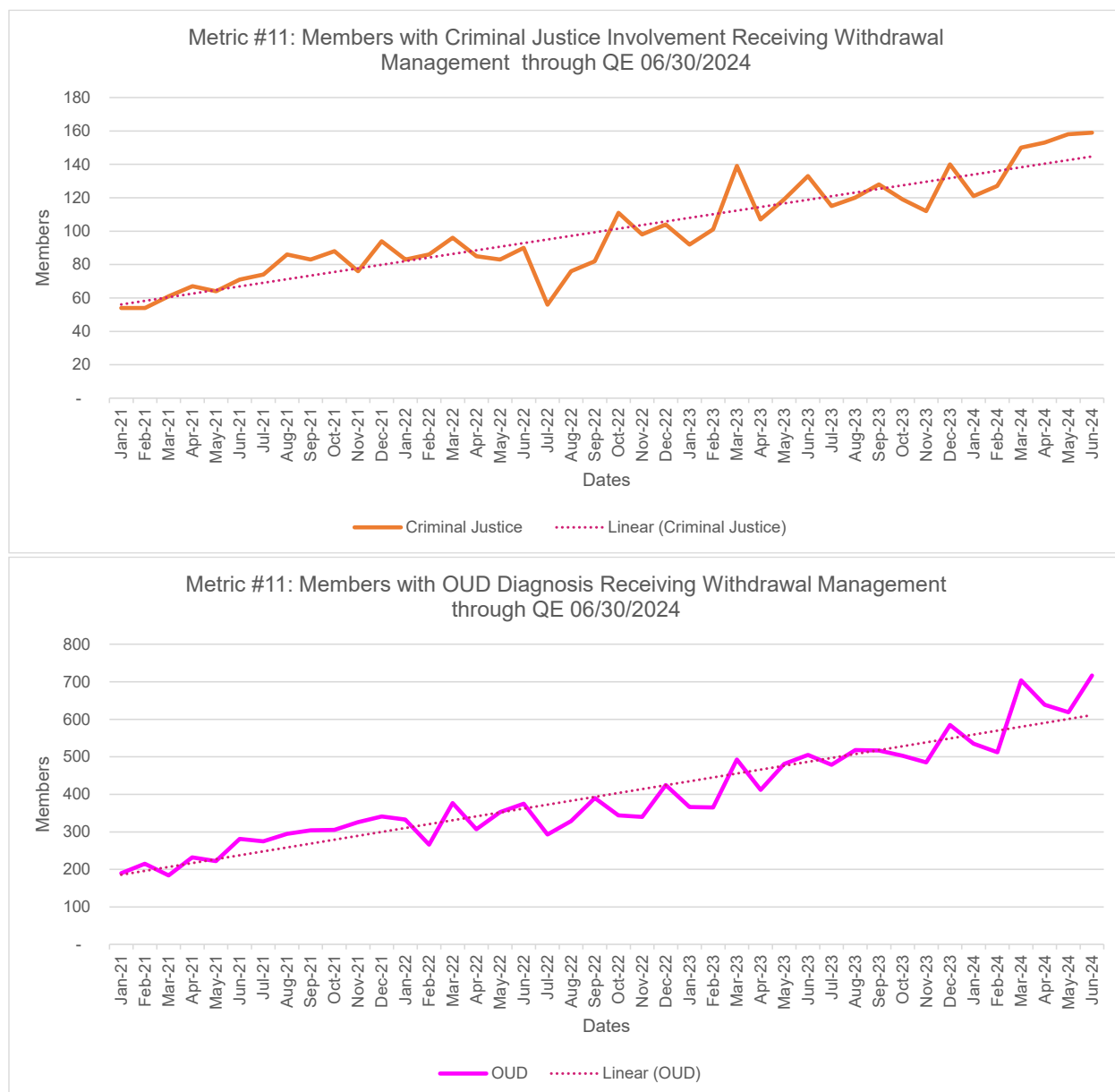
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



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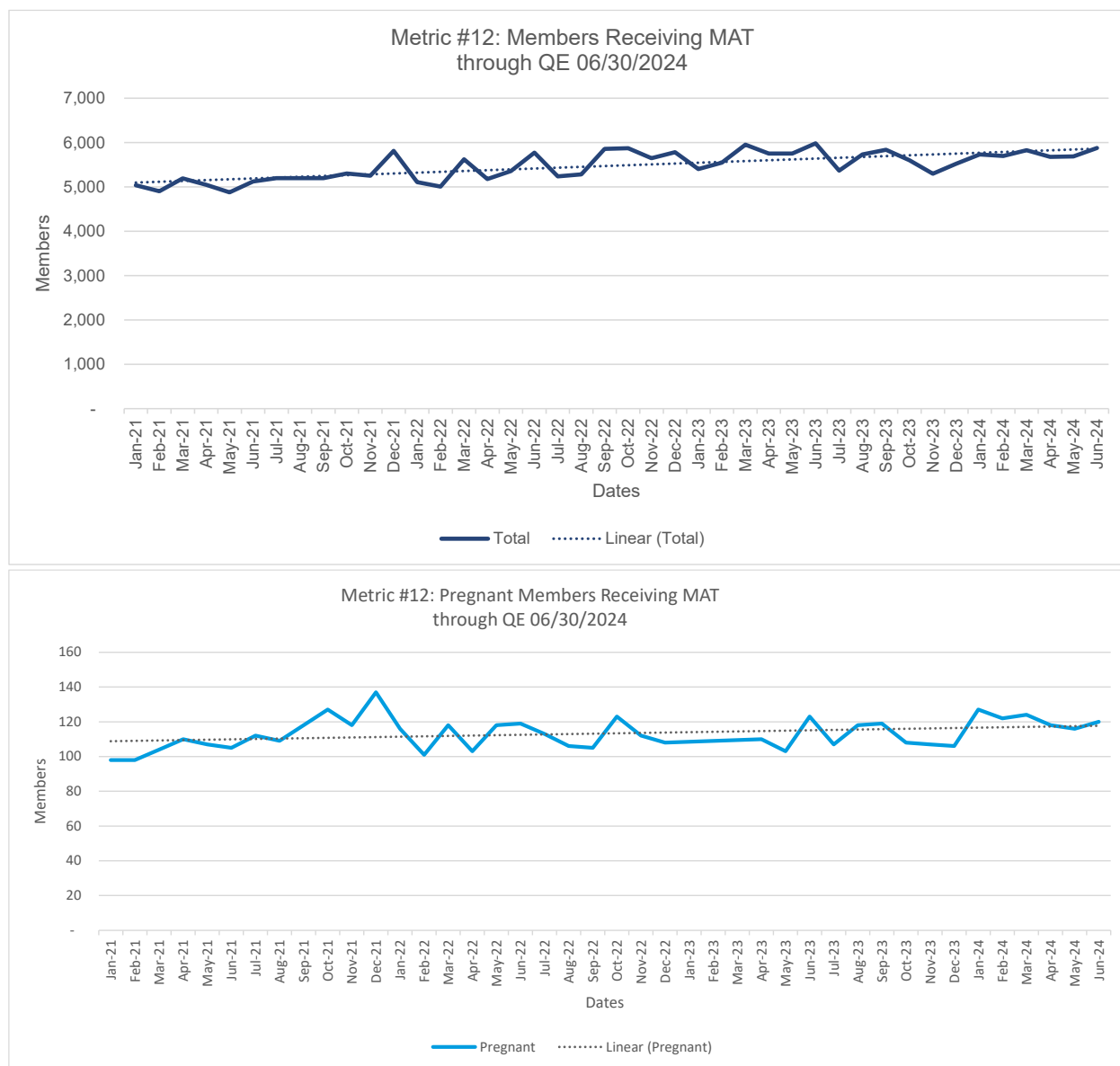


Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration

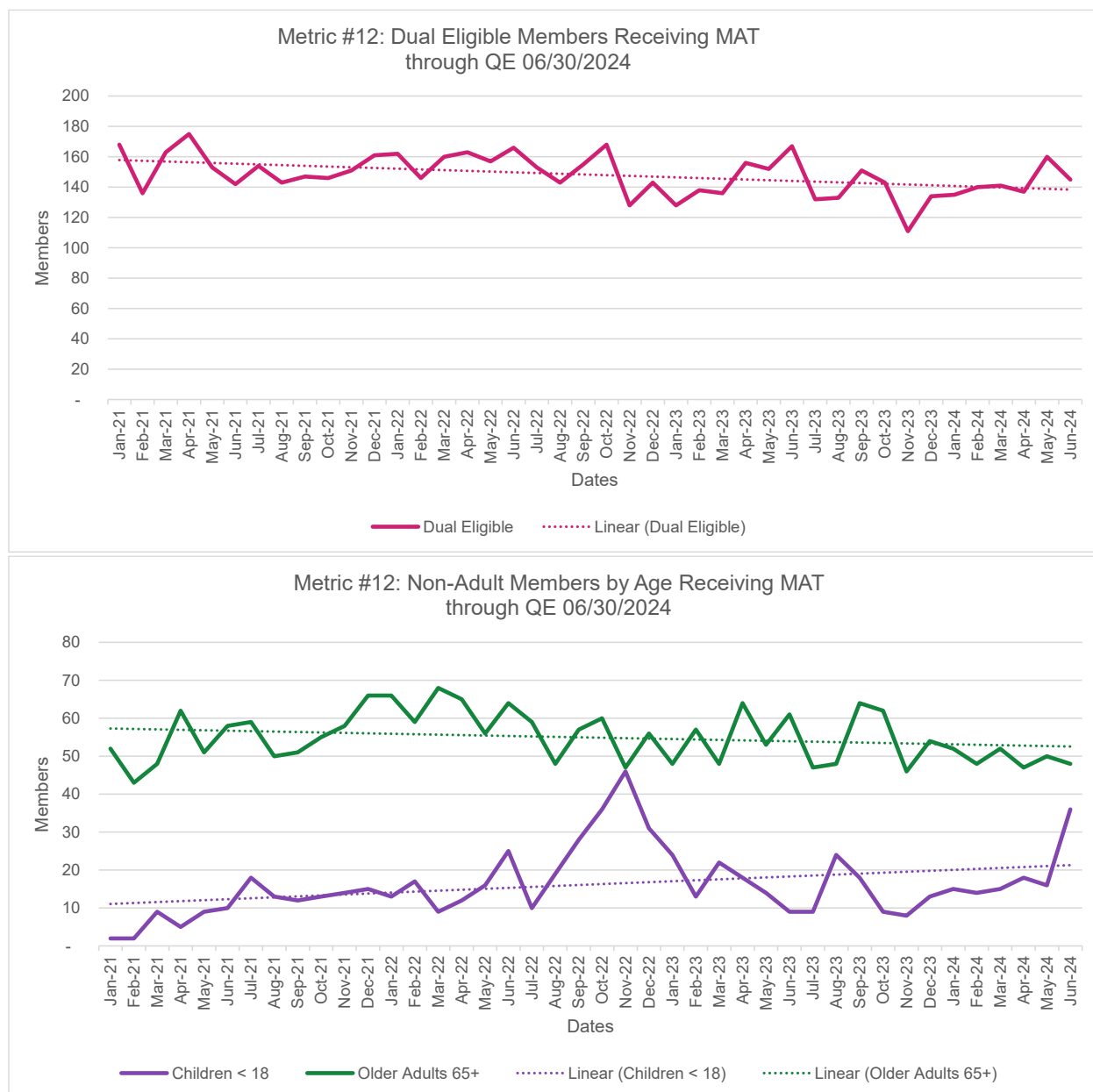


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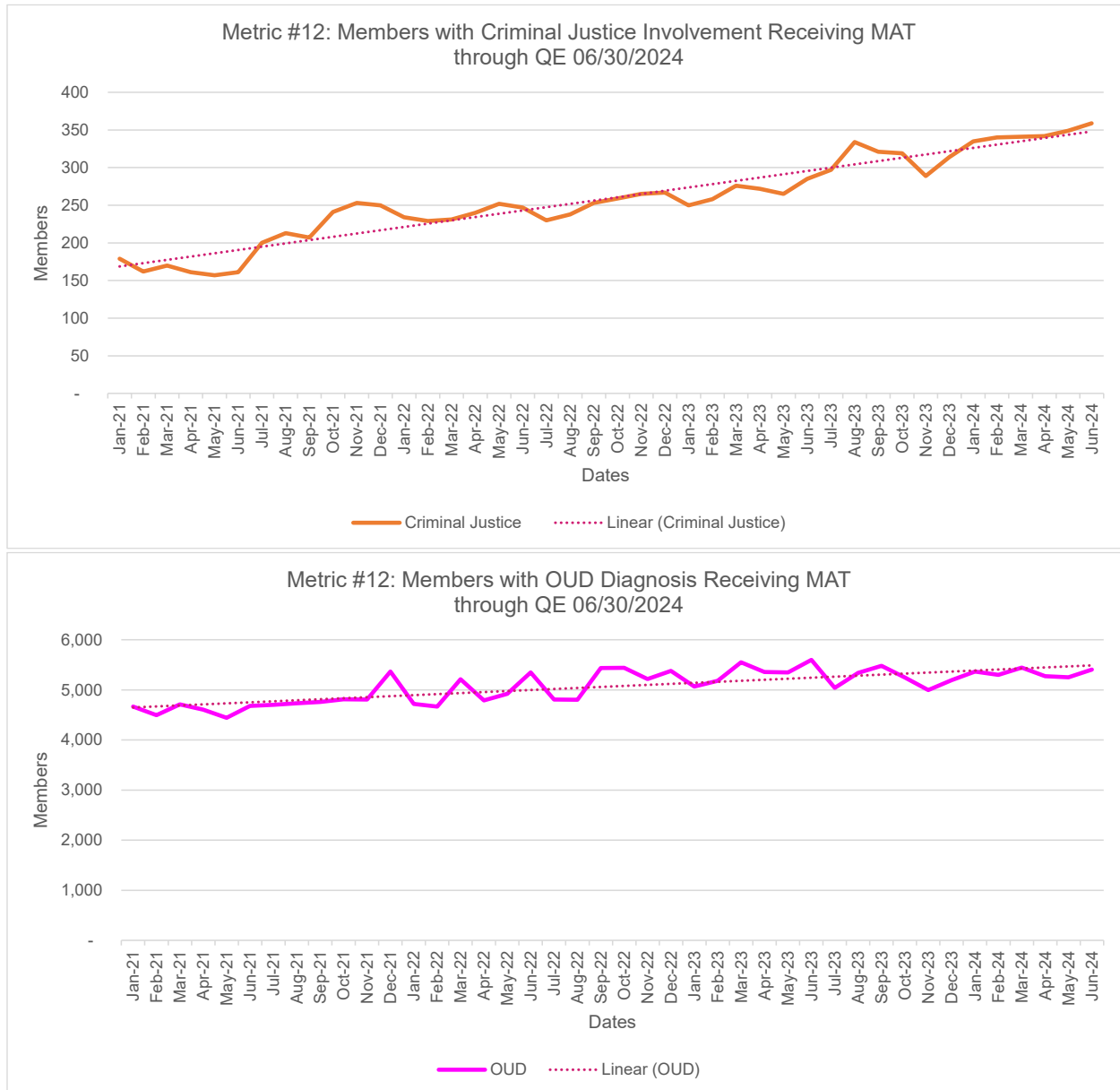
Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



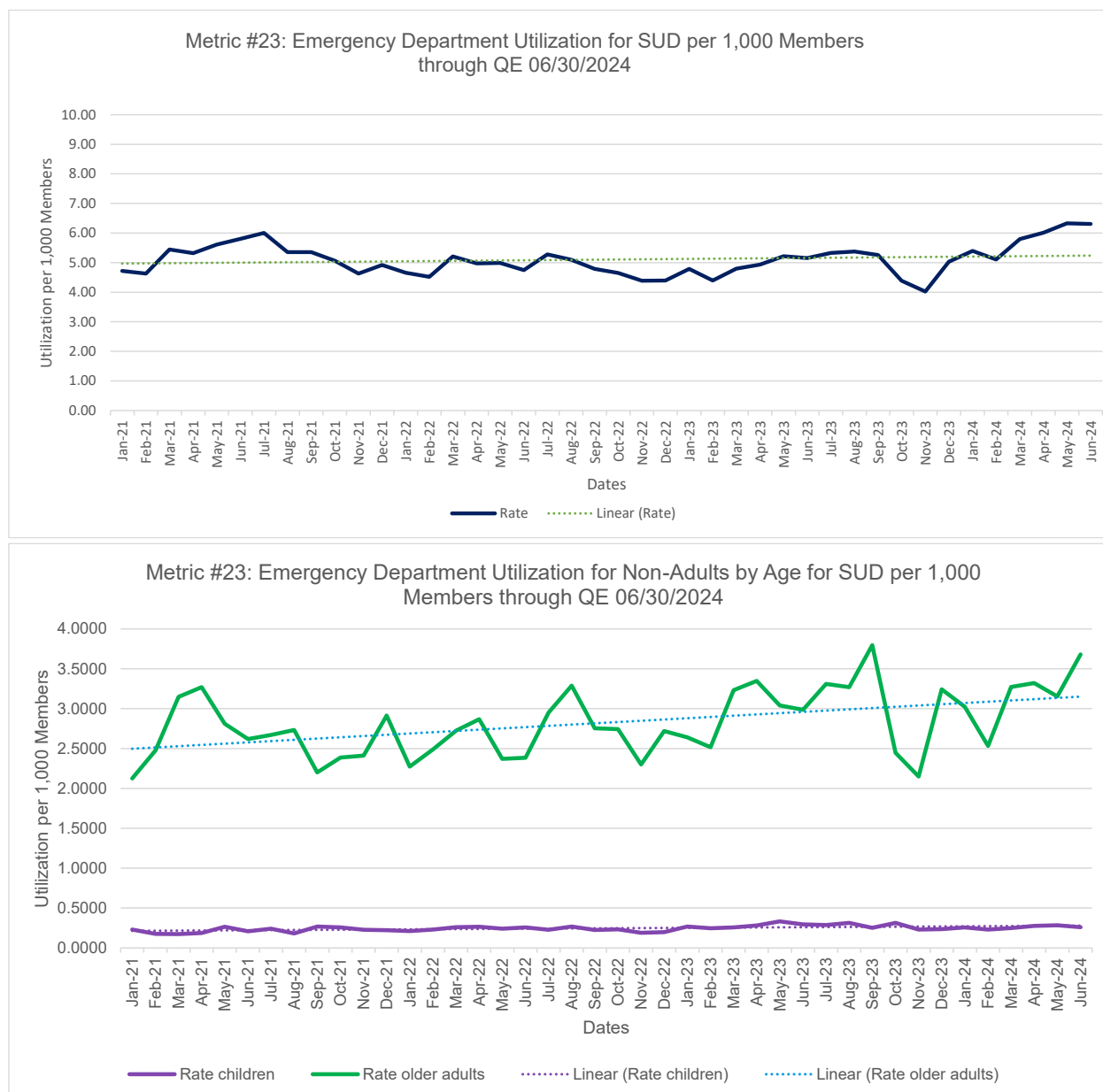
Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



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 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration

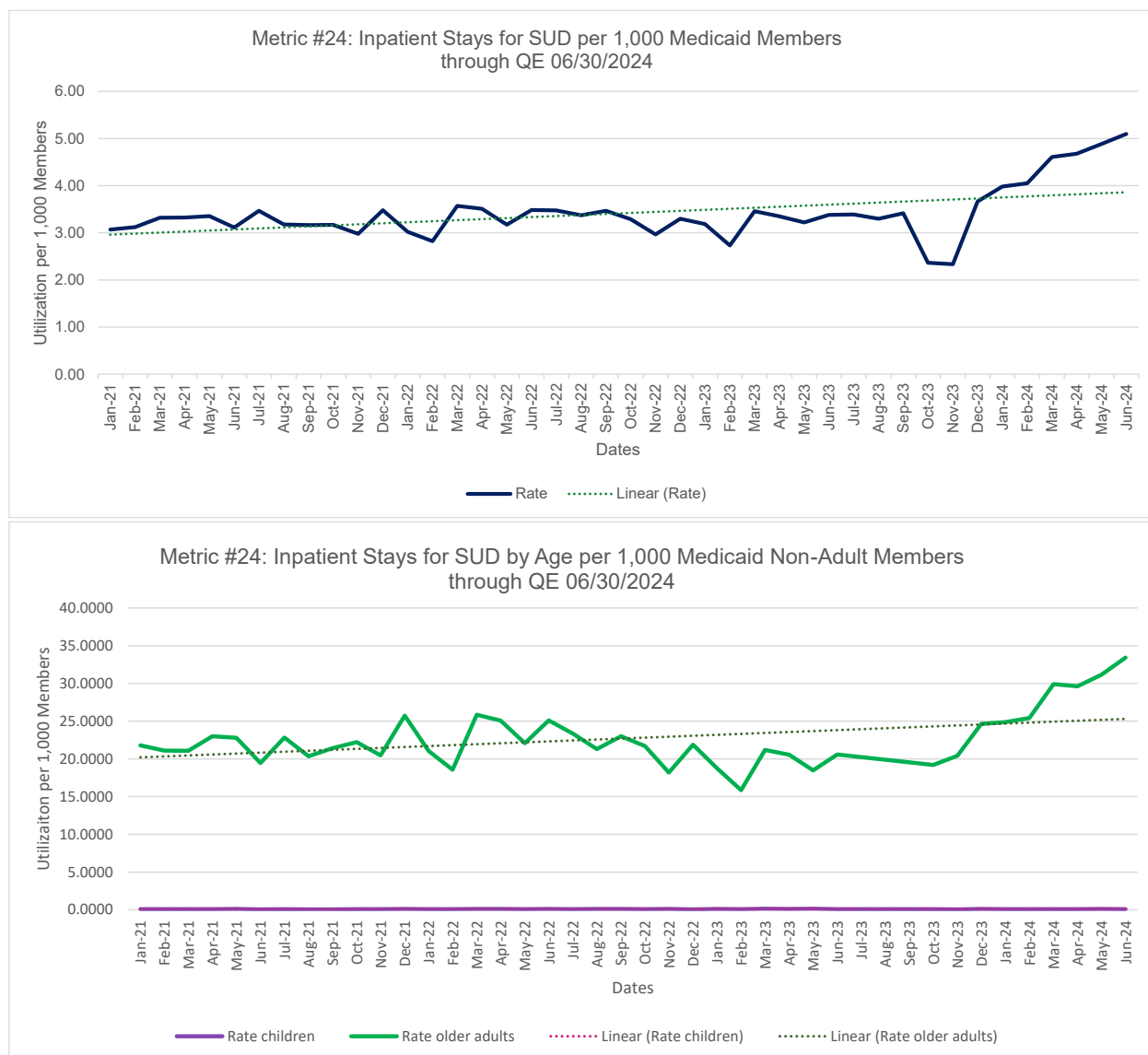


Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0

Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration



Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration

3. Annual Metrics

SUD health information technology (health IT)

Questions	CY2020	2021	2022	2023	% change (20-21)	% change (21-22)	% change (22-23)
Q1: Total Number of PDMP Users	44,340	45,230	50,278	57,811	2.01%	11.16%	14.98%
Q2: Number of Opioid Prescriptions in PDMP	3,070,345	2,953,884	2,821,936	2,728,086	-3.79%	-4.47%	-3.33%
Q3: Tracking MAT with Use of Telehealth Counseling and Behavioral Therapies	3,187	3,213	1,708	1,531	0.82%	-46.84%	-10.36%

4. Calendar Year Metrics (National stewards)

Metric		CY 2020 Denominator	Numerator	CY 2020 Rate	CY 2021 Denominator	Numerator	CY 2021 Rate	% change	CY 2022 Denominator	Numerator	CY2022 Rate	% change
15. Percentage of beneficiaries age 18 and older with a new episode of alcohol or other drug (AOD) abuse or dependence who received the following: • Initiation of AOD Treatment—percentage of beneficiaries who initiate treatment through an inpatient AOD admission, outpatient visit, intensive outpatient encounter or partial hospitalization, telehealth, or medication treatment within 14 days of the diagnosis • Engagement of AOD Treatment—percentage of beneficiaries who initiated treatment and who were engaged in ongoing AOD treatment within 34 days of the initiation visit The following diagnosis cohorts are reported for each rate: (1) Alcohol abuse or dependence, (2) Opioid abuse or dependence, (3) Other drug abuse or dependence, and (4) Total AOD abuse or dependence. A total of 8 separate rates are reported for this measure												
1. Initiation of AOD Treatment - Alcohol abuse or dependence (rate 1, cohort 1)	Alcohol	12,748	3,822	0.2998	15,730	5,314	0.3378	12.7%	16,665	5,207	0.3125	-7.50%
2. Initiation of AOD Treatment - Opioid abuse or dependence (rate 1, cohort 2)	Opioid	5,181	2,032	0.3922	6,019	2,446	0.4064	3.6%	7,535	2,130	0.2827	-30.40%
3. Initiation of AOD Treatment - Other drug abuse or dependence (rate 1, cohort 3)	Other	9,929	3,340	0.3364	11,898	4,387	0.3687	9.6%	12,134	4,055	0.3342	-9.40%
4. Initiation of AOD Treatment - Total AOD abuse or dependence (rate 1, cohort 4)	Total	27,882	10,049	0.3604	34,204	13,379	0.3912	8.5%	36,894	13,176	0.3571	-8.70%
5. Engagement of AOD Treatment - Alcohol abuse or dependence (rate 2, cohort 1)	Alcohol	3,822	2,685	0.7025	5,314	3,575	0.6728	-4.2%	5,207	3,644	0.6998	4.00%
6. Engagement of AOD Treatment - Opioid abuse or dependence (rate 2, cohort 2)	Opioid	2,032	1,484	0.7303	2,446	1,733	0.7085	-3.0%	2,130	1,596	0.7493	5.80%

Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration

Metric		CY 2020 Denominator	Numerator	CY 2020 Rate	CY 2021 Denominator	Numerator	CY 2021 Rate	% change	CY 2022 Denominator	Numerator	CY2022 Rate	% change
7. Engagement of AOD Treatment - Other drug abuse or dependence (rate 2, cohort 3)	Other	3,340	2,235	0.6692	4,387	2,861	0.6522	-2.5%	4,055	2,747	0.6774	3.90%
8. Engagement of AOD Treatment - Total AOD abuse of dependence (rate 2, cohort 4)	Total	10,049	6,371	0.6340	13,379	8,087	0.6045	-4.7%	13,176	7,909	0.6003	-0.70%
17(1) Percentage of emergency department (ED) visits for beneficiaries age 18 and older with a principal diagnosis of alcohol or other drug (AOD) abuse or dependence who had a follow-up visit for AOD abuse or dependence. Two rates are reported:	Year											
• Percentage of ED visits for which the beneficiary received follow-up within 30 days of the ED visit (31 total days).	<30 days	9,800	1,227	0.1252	9,879	2,288	0.2316	85.0%	9,316	1,995	0.2141	-7.50%
•Percentage of ED visits for which the beneficiary received follow-up within 7 days of the ED visit (8 total days).	<7 days	9,800	1,962	0.2002	9,879	1,537	0.1556	-22.3%	9,316	1,408	0.1511	-2.90%
17(2)Percentage of emergency department (ED) visits for beneficiaries age 18 and older with a principal diagnosis of mental illness or intentional self-harm and who had a follow-up visit for mental illness. Two rates are reported:	Year											
•Percentage of ED visits for mental illness for which the beneficiary received follow-up within 30 days of the ED visit (31 total days)	<30 days	1,922	364	0.1894	2,519	857	0.3402	79.6%	2,602	785	0.3017	-11.30%
• Percentage of ED visits for mental illness for which the beneficiary received follow-up within 7 days of the ED visit (8 total days).	<7 days	1,922	567	0.2950	2,519	620	0.2461	-16.6%	2,602	582	0.2237	-9.10%
18	Year	18,830	1,758	0.0934	18,336	1,649	0.0899	-3.7%	18,530	1,986	0.1072	19.20%

Medicaid Section 1115 SUD Demonstrations Monitoring Report – Part B Version 3.0
 Colorado Expanding the Substance Use Disorder Continuum of Care Demonstration

Metric		CY 2020 Denominator	Numerator	CY 2020 Rate	CY 2021 Denominator	Numerator	CY 2021 Rate	% change	CY 2022 Denominator	Numerator	CY2022 Rate	% change
21	Year	18,830	2,714	0.1441	18,339	2,419	0.1319	-8.5%	18,530	2,188	0.1181	-10.50%
22	Year	12,224	7,292	0.5965	14,631	8,424	0.5758	-3.5%	15,931	9,092	0.5707	-0.90%
32	Year	63,685	53,488	0.8399	74,474	64,047	0.8600	2.4%	79,309	68,441	0.8630	0.30%

5. Demonstration Year Metrics (CMS steward)

		CY 2020 Denominator	Numerator	CY2020 Rates	CY2021 Denominator	Numerator	CY2021 rates	% Change	CY 2022 Denominator	Numerator	CY2022 rates	% Change
4	Year		100,045			109,484		9%		118,193		8.0%
5	Year		507			652		29%		667		2.3%
13	Year		2,818			3,121		11%		2,928		-6.2%
14	Year		192			277		44%		278		0.4%
25	Year	22,145	3,774	0.1704	31,677	5,940	0.1875	10%	32,584	6,218	0.1908	1.75%
26	Year		847			859		1%		1,160		35.0%
27	Year	1,305,667	847	0.6487	1,333,830	859	0.6440	-1%	1,444,905	1,160	0.8028	24.7%
27	<18	520,936	19	0.0365	522,941	18	0.0344	-6%	547,101	22	0.0402	16.8%
27	18-64	729,430	813	1.1146	751,690	808	1.0749	-4%	828,897	1,087	1.3114	22.0%
27	65+	55,301	15	0.2712	59,199	33	0.5574	106%	68,907	51	0.7401	32.8%
27	OUD	1,305,667	519	0.3975	1,333,830	538	0.4033	1%	1,444,905	734	0.5080	25.9%
36	Year	961	1,880	1.9563	904	4,605	5.0940	160%	989	9,038	9.1385	79.4%
	OUD	154	309	2.0065	306	2,018	6.5948	229%	436	4,529	10.3876	57.5%