

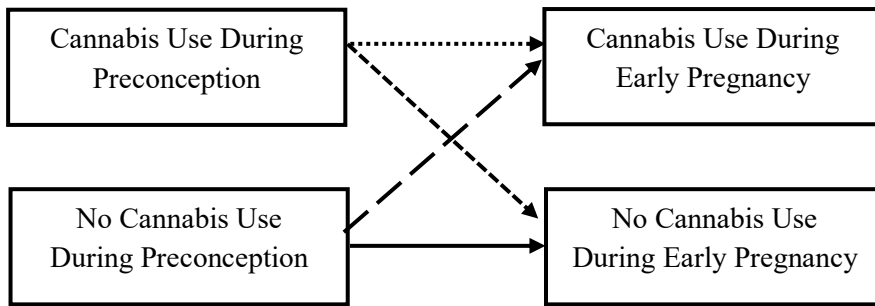
Supplemental Material: Cannabis Use Transitions During Early Pregnancy

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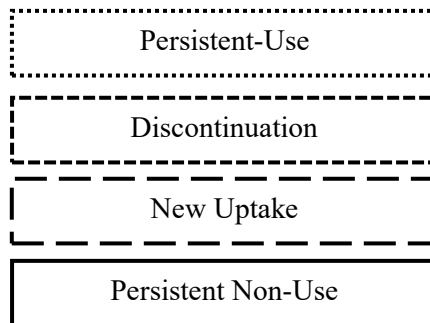
Supplemental Table 1. Comparison of Characteristics among Pregnant Participants who Completed and did Not complete the Early Pregnancy Questionnaire

	Did not Complete Pregnancy Questionnaire N=2,570	Completed Pregnancy Questionnaire N=9,200
Sociodemographic Characteristics	Mean (SD) or col%	Mean (SD) or col%
Age, mean (SD)	30.3 (4.3)	30.5 (3.7)
Partner age, mean (SD)	32.2 (5.4)	32.3 (4.7)
Married, (%)	89.6%	92.0%
Years of education, (%)		
≤12	5.2%	2.0%
13-15	22.2%	12.3%
16	33.3%	34.0%
≥17	39.3%	51.7%
Annual household income, (%)		
<\$50,000	17.7%	9.8%
\$50,000-99,999	34.0%	30.0%
\$100,000-149,999	24.5%	29.0%
≥\$150,000	21.2%	29.0%
Refused/Doesn't know	2.6%	2.3%
Preconception Behavioral Characteristics		
Cannabis use frequency, (%)		
Daily	3.0%	2.0%
4-6/week	0.9%	1.2%
1-3/week	2.1%	2.1%
<1/week	7.1%	7.7%
Non-use	87.0%	87.0%
Cigarette smoking, (%)		
Current regular	6.3%	2.3%
Current occasional	2.9%	2.0%
Former	13.2%	10.5%
Never	77.6%	85.3%
Alcoholic drinks, (%)		
≥7/week	13.1%	11.9%
1-6/week	54.6%	60.7%
None	32.3%	27.5%
Depression diagnosis, (%)	26.0%	24.9%
Anxiety diagnosis, (%)	28.4%	28.6%
Perceived stress scale, mean (SD)	16.6 (6.1)	15.5 (6.0)
Total MET/hr, mean (SD)	31.8 (24.5)	32.3 (22.5)
Prenatal supplements, (%)	81.3%	88.5%

Supplemental Figure 1. Cannabis Use Transitions



Four possible transitions



Supplemental Table 2. Association of Nausea and Vomiting During Pregnancy with Cannabis Use in Early Pregnancy: Restricting to participants at least 8 weeks pregnant at pregnancy survey

	Among Full Sample (n=5,324)		Among Participants Who Used Cannabis in Preconception (n=697)		Among Participants Who Did Not Use Cannabis in Preconception (n=4,627)	
	Any vs. No Cannabis Use		Persistent Use vs. Discontinuation		New Uptake vs. Persistent Non-use	
	N (%) outcome ^a	PR (95%CI) ^b	N (%) outcome ^a	PR (95%CI) ^b	N (%) outcome ^a	PR (95%CI) ^b
NVP in Early Pregnancy						
Yes	86 (1.9)	0.64 (0.40-1.02)	78 (13.3)	0.65 (0.38-1.09)	9 (0.2)	+
No	22 (2.7)	Ref	18 (16.1)	Ref	4 (0.6)	Ref

NVP=Nausea and Vomiting During Pregnancy; PR=Prevalence Ratio; CI=Confidence Interval

+Estimate suppressed due to cell size <5 in exposure or referent group

^aFrequencies and percentages obtained from a single imputed dataset

^bEstimates from separate modified Poisson models adjusted for participant age, education, income, and marital status, and estimated by imputed dataset and combined across imputations.