

Trip Generation Analysis:

- Below is the ITE 720 code typically used for medical office/dental office developments.
- New ITE manual online has updated some codes and now offer ITE 630 for Clinic. The second table is provided below.
- Both are fairly similar, ranging about 134 – 168 vehicle trips per day, and the max peak hour trips are 15 and 17. Since these values are less than the Athens-Clarke County checklist thresholds of generating 100 vehicle trips within a single hour and 1,000 vehicle trips per day, a Traffic Impact Analysis is **not** warranted for this submittal.

Calculation of Anticipated Project Trips

Based upon methodology from ITE's Trip Generation, 11th Edition (2021)

Project Land Use	Project Density	Project Trips			ITE Code	Variable	Equation Used ¹	In/Out Distribution
		Total	Inbound	Outbound				
Medical/Dental Office	3,726 S.F.				720	1,000 S.F.		
	Daily:	134	67	67			$T=36.0(X)$	50% / 50%
	AM Peak Hour:	12	9	3			$\ln(T) = 0.90\ln(X)+1.34$	79% / 21%
	PM Peak Hour:	15	5	10			$T=3.93(X)$	30% / 70%
NET NEW EXTERNAL VEHICULAR TRIPS		134	67	67				
	Daily:	134	67	67				
	AM Peak Hour:	12	9	3				
	PM Peak Hour:	15	5	10				

Calculation of Anticipated Project Trips

Based upon methodology from ITE's Trip Generation, 11th Edition (2021)

Project Land Use	Project Density	Project Trips			ITE Code	Variable	Equation Used ¹	In/Out Distribution
		Total	Inbound	Outbound				
Clinic	3,726 S.F.				630	1,000 S.F.		
	Daily:	168	84	84			$T=35.86(X) + 34.88$	50% / 50%
	AM Peak Hour:	17	14	3			$T=2.19(X) + 8.68$	81% / 19%
	PM Peak Hour:	16	5	11			$T=3.53(X) + 2.98$	30% / 70%
NET NEW EXTERNAL VEHICULAR TRIPS		168	84	84				
	Daily:	168	84	84				
	AM Peak Hour:	17	14	3				
	PM Peak Hour:	16	5	11				