

**SUMMARY OF PERCENTAGE OF USC STUDENTS USING MORE SUSTAINABLE
COMMUTING OPTIONS AS THEIR PRIMARY MODE OF TRANSPORTATION**

July 23, 2021

Description	Value	Data Source
Total number of students	53,186 students	STARS PRE-5 credit; IPEDS report
Number of residents in USC Housing	9150 students	STARS PRE-5 credit; Nichelle Huizar, Auxiliary Services
Students participating in Greek Life and living in sorority/fraternity houses close to campus	4044 students	David Donovan (USC Transportation) per this source
Students living in non-USC housing, apartments, etc. in the North University Park area, who lived near enough to USC to not drive but walk as a commute. They may own a vehicle that had parking provided, or used on-street parking off campus	5,100 students	Assumption from David Donovan
Students enrolled in distance learning programs and do not commute	6,707 students	PRE 5 of STARS Report, IPEDS Fall Enrollment survey for 2018-2019
Students who have bought parking passes, and are assumed to drive to campus in single-occupant vehicle (SOV)	7,000 students	Data from David Donovan This is the number of parking passes purchased by students in FY19
Assumed students who drive to campus in SOV, without a parking pass	2,118.5 students Calculation: (28,185 - 7000) *0.1 = 2,118.5	Assumption from David Donovan Assumption: Estimated that 10% of students who commute to campus do not purchase parking passes, however they park nearby campus. These students are not captured under the total

		of parking passes counted for.
Students presumably not driving to campus (USC Housing, Greek life, neighbors, distance learners) = 25,001		
<ul style="list-style-type: none"> • Calculation: $9150 + 4044 + 5100 + 6707 = 25,001$ 		
Number of students who commute = 28,185		
<ul style="list-style-type: none"> • Calculation: $53186 - 25,001 = 28,185$ (total number of commuter students) 		
Total number of students who drive to campus in SOV = 9,094.7		
<ul style="list-style-type: none"> • Calculation: $7,000$ (parking passes) + $2,118.5$ (without parking passes) = $9,118.5$ 		
Percent of commuters driving to campus in SOVs = 17.14%		
<ul style="list-style-type: none"> • Calculation: $9118.5 / 53,186 * 100 = 17.14\%$ 		
Percent of students using sustainable transportation commuting options = 82.86%		

Narrative about about the data submission:

- For this credit:
 - “Non-commuters” are defined as students presumably walking, taking non-motorized transportation modes, or not commuting to USC at all
 - “Commuters” are defined as students taking motorized transportation/public transit to USC
- The number of non-commuters was estimated by adding the following groups:
 - Students living in USC Housing (presumably walk/bike/use non-motorized transit to get to classes)
 - Students living in Greek Life housing adjacent to campus (presumably walk/bike/use non-motorized transit to get to classes)
 - Students living in private apartments directly adjacent to campus (presumably walk/bike/use non-motorized transit to get to classes)
 - Students enrolled exclusively in distance learning (do not commute to campus)
- The number of commuters was found by subtracting the number of non-commuters from the total number of USC students.
- The number of on-campus student parking permits purchased in FY19 was obtained from the USC Transportation office.
- The number of on-campus student parking permits purchased in FY19 was obtained from the USC Transportation office. USC Transportation ([David Donovan](#)) estimates that 10% of commuters commute via single-occupancy vehicles but park off-campus and therefore do not purchase USC parking passes. The total number of students commuting to USC via SOV was found by adding the total number of purchased student parking passes to 10% of the total number of commuters.

- From this data, the percentage of students commuting to USC via SOV was found by taking the number of SOV commuters divided by the total number of students. This allowed USC to calculate the percentage of all other non-SOV commuters (i.e., students that use more sustainable commuting options as their primary mode of transportation), which is 82.86%.