

# COLORADO STATE UNIVERSITY

## PARKING & TRANSPORTATION SERVICES


**ANNUAL MODE-SPLIT SURVEY  
2022 – 2023**

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# SURVEY QUICK FACTS

- The eighth annual CSU Parking & Transportation Services Annual Mode-Split Survey was sent to 5,960 potential respondents selected randomly
- **1,991 respondents took the survey broken out by:**
  - **523 Students** (Total Population of On-Campus Students = 27,939)
  - **527 Administrative Professionals** (Total Population = 3,960)
  - **486 State Classified Employees** (Total Population = 1,506)
  - **455 Faculty** (Total Population = 1,892)
- The survey was open for 38 days during the second semester of the '22–'23 school year
- There was a 98% completion rate for those respondents who started the survey (1% lower than '21)



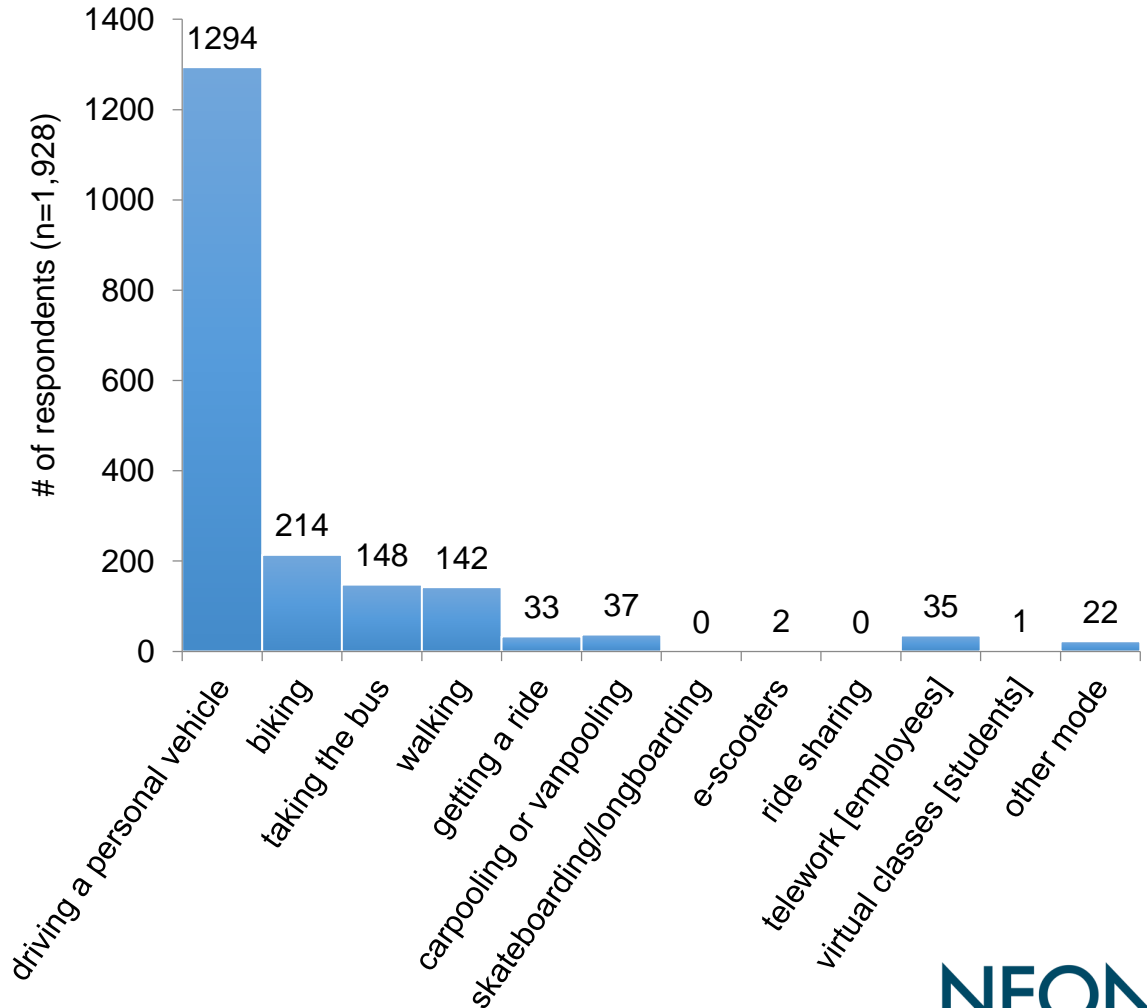
# MODES OF TRAVEL

## ALL SEGMENTS

# PRIMARY MODE OF SURVEY SAMPLE ACROSS ALL RESPONDENT TYPES [NO POP. WEIGHTING]

## Top Primary Modes

- 1 Personal vehicle: 67%
- 2 Biking: 11%
- 3 Taking the bus: 8%
- 4 Walking: 7%
- 5 Car[van]pooling: 2%
- 6 Telework: 2%
- 7 Getting a ride: 2%



# PRIMARY MODE OF TOTAL POPULATION

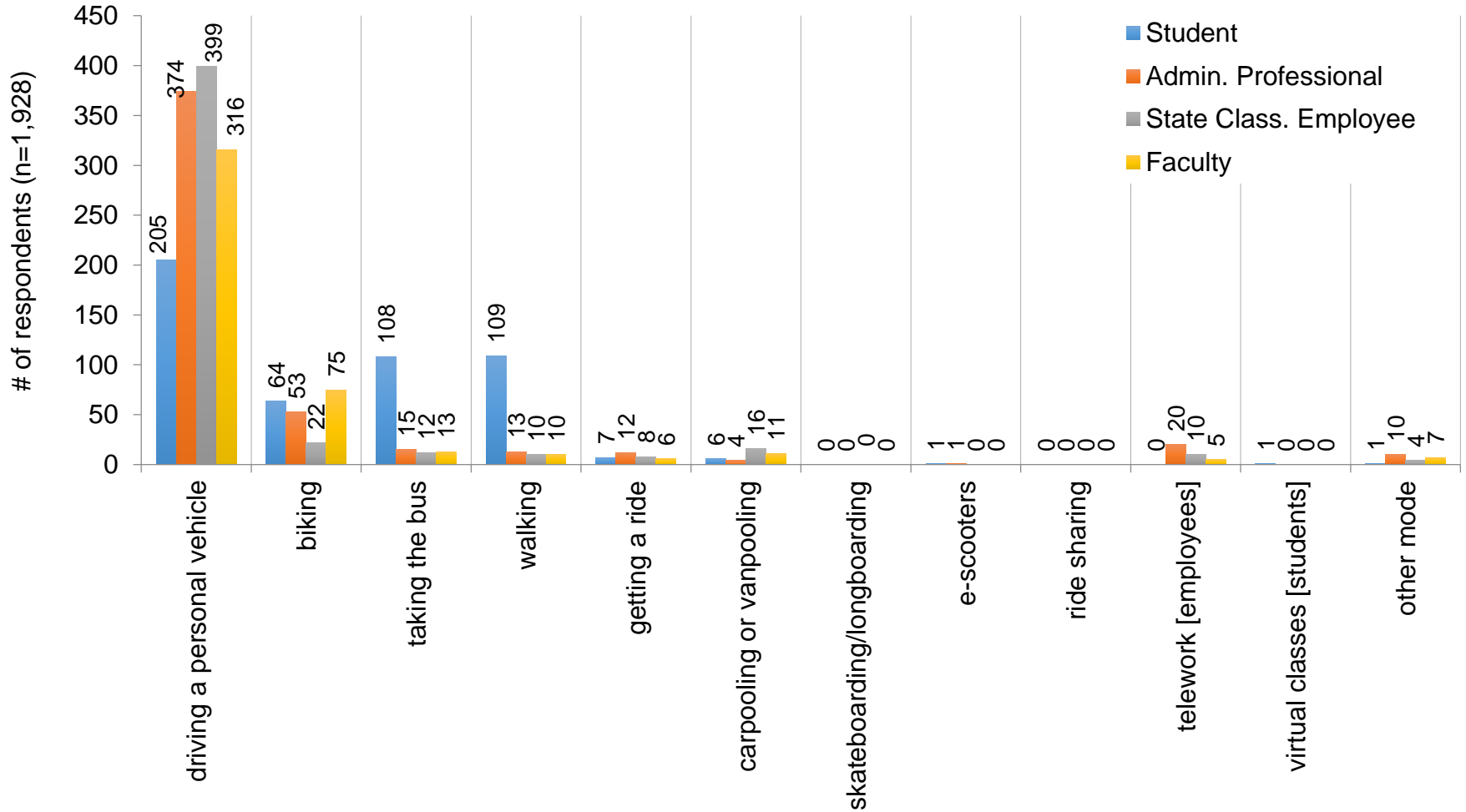
## YEAR-OVER-YEAR (YOY) WEIGHTED AVERAGE COMPARISON\* ACROSS ALL RESPONDENT TYPES

Primary Mode of Transportation	2015	2016	2017	2018	2019	2020	2022	2023	YOY*
driving personal vehicle	41.6% ↓	37.5% ↓	34.4% ↑	38.6% ↑	39.9% ↓	39.8% ↑	49.5% ↓	47.8%	-1.7%
taking the bus	17.6% ↑	20.9% ↑	25.4% ↑	25.5% ↓	21.7% ↓	19.6% ↓	19.1% ↓	17.7%	-1.4%
walking	17.5% ↑	23.2% ↓	18.0% ↑	18.6% ↑	20.8% ↓	18.7% ↓	16.6% ↑	17.8%	+1.2%
biking	18.7% ↓	15.3% ↑	19.0% ↓	13.5% ↓	13.1% ↑	15.5% ↓	9.2% ↑	12.4%	+3.2%
car[van]pooling	1.3% ↑	1.5% ↓	0.9% ↑	1.9% ↓	1.7% ↑	2.0% ↓	1.2% ↑	1.3%	+0.1%
getting a ride	1.1% ↓	0.3% ↑	0.5% ↑	0.9% ↓	0.8% ↑	1.7% ↓	1.4% ↑	1.5%	+0.1%
skateboarding	0.3% ↓	0.2% ↑	1.4% ↓	0.6%	0.6%	1.1% ↑	1.0%	0.0%	-1.0%
ride sharing app	-	-	-	-	-	0.0% ↑	0.2% ↓	0.0%	-0.2%
e-scooters	-	-	-	-	-	0.4%	0.4% ↓	0.2%	-0.2%
telework/virtual classes	-	-	-	-	-	-	0.7% ↑	0.8%	+0.1%
other mode	2.0% ↓	0.9% ↓	0.3%	0.3% ↑	1.0%	1.0% ↓	0.7% ↓	0.5%	-0.2%

\*CSU '21-'22 (second semester) compared to CSU '22-'23 (second semester)

# of total population '22-'23 (n=35,297)

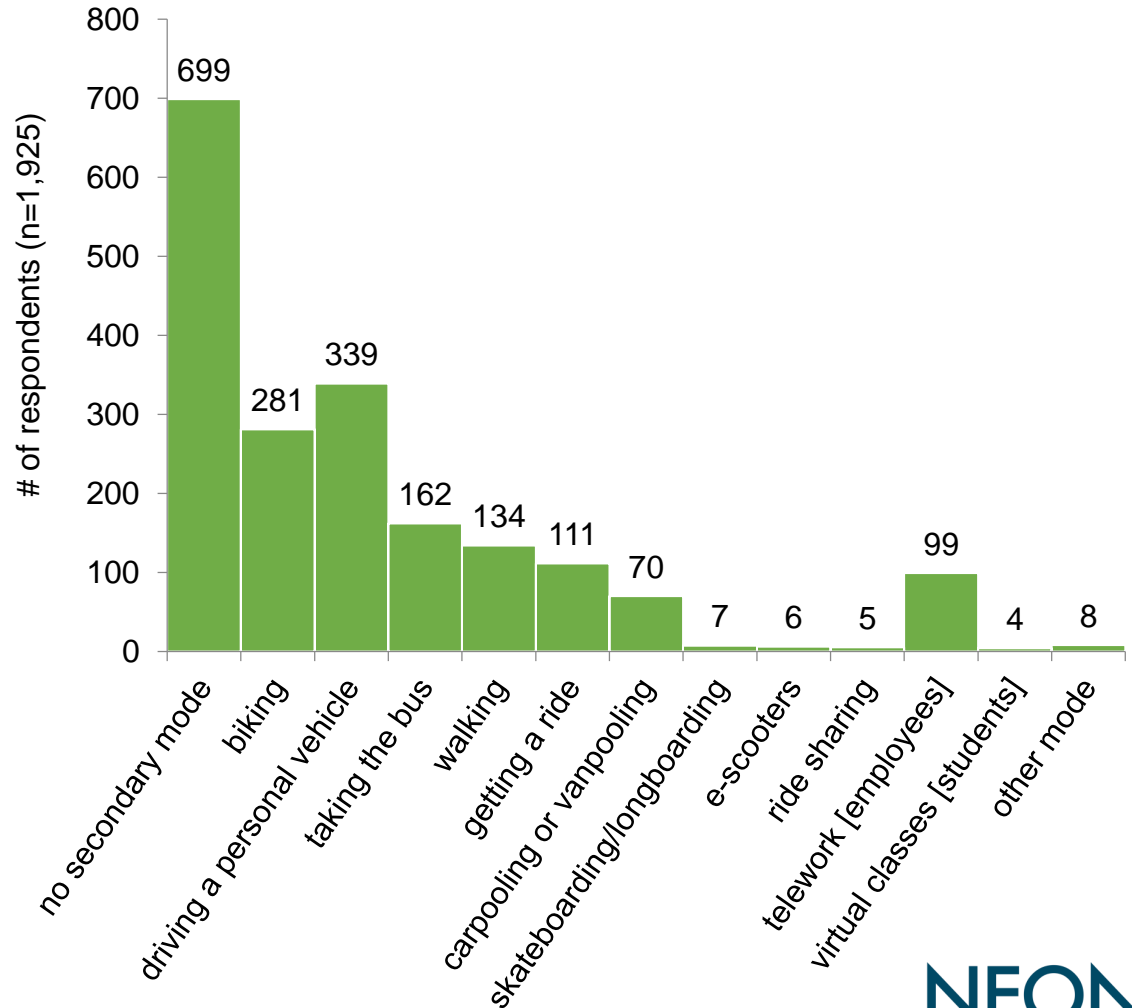
# PRIMARY MODE BREAKDOWN BY RESPONDENT TYPE



# SECONDARY MODE OF SURVEY SAMPLE ACROSS ALL RESPONDENT TYPES [NO POP. WEIGHTING]

## Top Secondary Modes

- 1 No 2<sup>nd</sup> Mode: 36%
- 2 Personal vehicle: 18%
- 3 Biking: 15%
- 4 Taking the bus: 8%
- 5 Walking: 7%
- 6 Getting a ride: 6%
- 7 Telework: 5%





# SECONDARY MODE OF TOTAL POPULATION

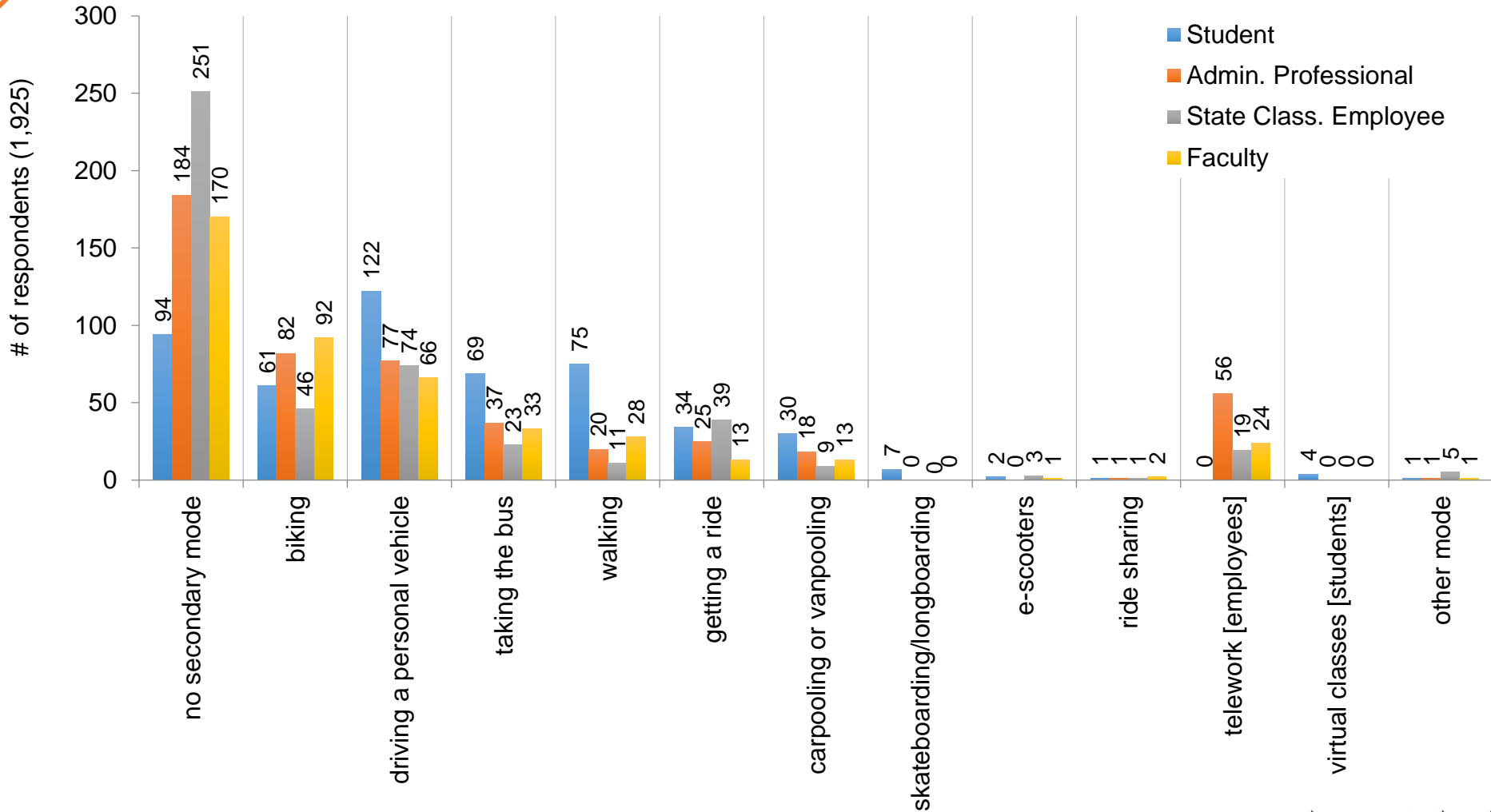
## YEAR-OVER-YEAR (YOY) WEIGHTED AVERAGE COMPARISON\* ACROSS ALL RESPONDENT TYPES

Secondary Mode of Transportation	2015	2016	2017	2018	2019	2020	2022	2023	YOY*
no secondary mode	17.4%	↓ 16.3%	↑ 19.1%	↑ 24.3%	↓ 23.8%	↓ 23.5%	↑ 23.6%	↓ 23.1%	-0.5%
driving personal vehicle	23.8%	↑ 25.6%	↓ 20.1%	↑ 21.2%	↑ 24.1%	↓ 23.4%	↓ 20.9%	↑ 22.5%	+1.6%
taking the bus	16.1%	↓ 12.8%	↑ 16.8%	↓ 15.1%	↓ 13.1%	↑ 16.6%	↓ 9.9%	↑ 12.4%	+2.5%
walking	12.7%	↑ 14.2%	↑ 15.4%	↓ 9.8%	↑ 12.3%	↑ 12.6%	↑ 14.5%	↓ 12.8%	-1.7%
biking	20.5%	↓ 19.2%	↓ 18.4%	↓ 18.2%	↓ 14.3%	↓ 12.5%	↓ 12.3%	↑ 13.0%	+0.7%
car[van]pooling	3.8%	↑ 3.9%	↑ 4.0%	↑ 4.8%	↑ 5.1%	↓ 4.0%	↑ 7.9%	↓ 5.4%	-2.5%
getting a ride	3.5%	↑ 4.9%	↓ 4.3%	↑ 4.4%	↑ 5.1%	↓ 4.9%	↑ 5.4%	↑ 6.5%	+1.1%
skateboarding	0.7%	↑ 2.8%	↓ 1.6%	↑ 2.2%	↓ 1.4%	↓ 1.0%	↑ 1.7%	↓ 1.1%	-0.6%
ride sharing app	-	-	-	0.1%	↑ 0.2%	↑ 0.3%	↓ 0.2%	0.2%	-
e-scooters	-	-	-	-	-	0.8%	↑ 1.0%	↓ 0.4%	-0.6%
telework/virtual classes	-	-	-	-	-	-	2.6%	↓ 2.3%	-0.3%
other mode	1.4%	↓ 0.1%	-	-	0.4%	↓ 0.2%	↓ 0.1%	↑ 0.2%	+0.1%

\*CSU '21-'22 (second semester) compared to CSU '22-'23 (second semester)

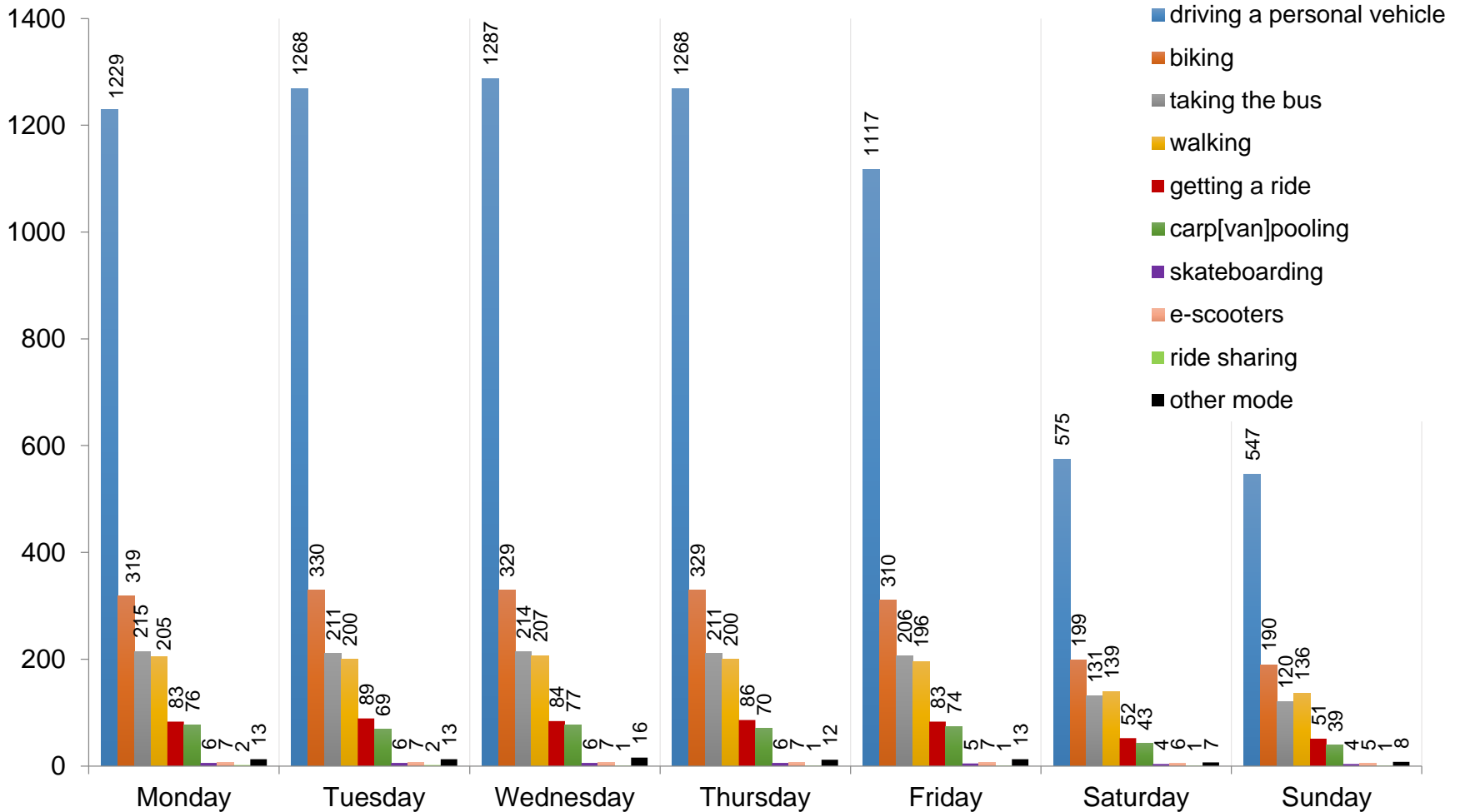
# of total population '22-'23 (n=35,297)


# SECONDARY MODE BREAKDOWN BY RESPONDENT TYPE



# TRIPS TO CAMPUS MADE PER WEEK

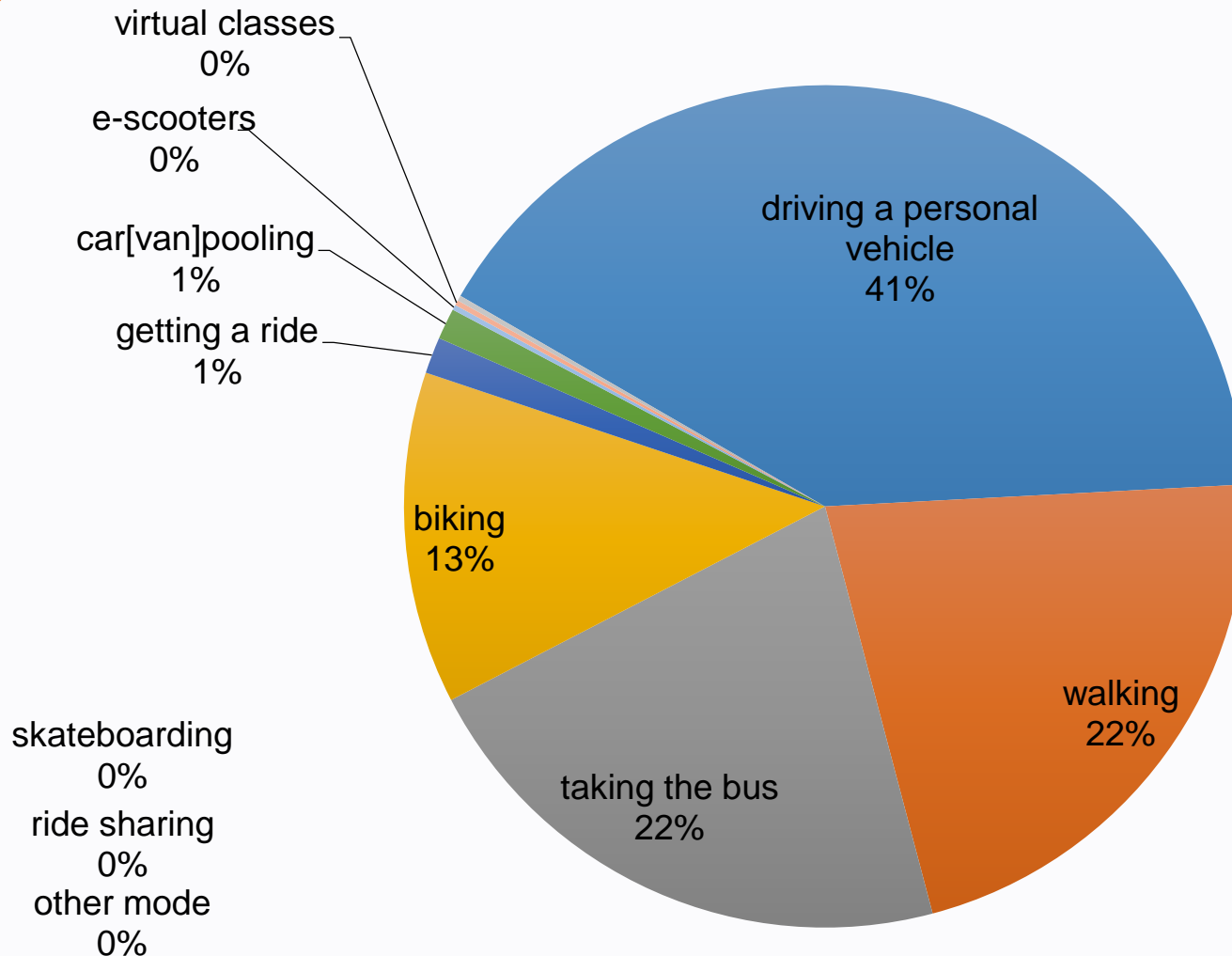
## ACROSS ALL RESPONDENT TYPES





# MODES OF TRAVEL BY SEGMENT

# STUDENTS: PRIMARY MODE



n=502

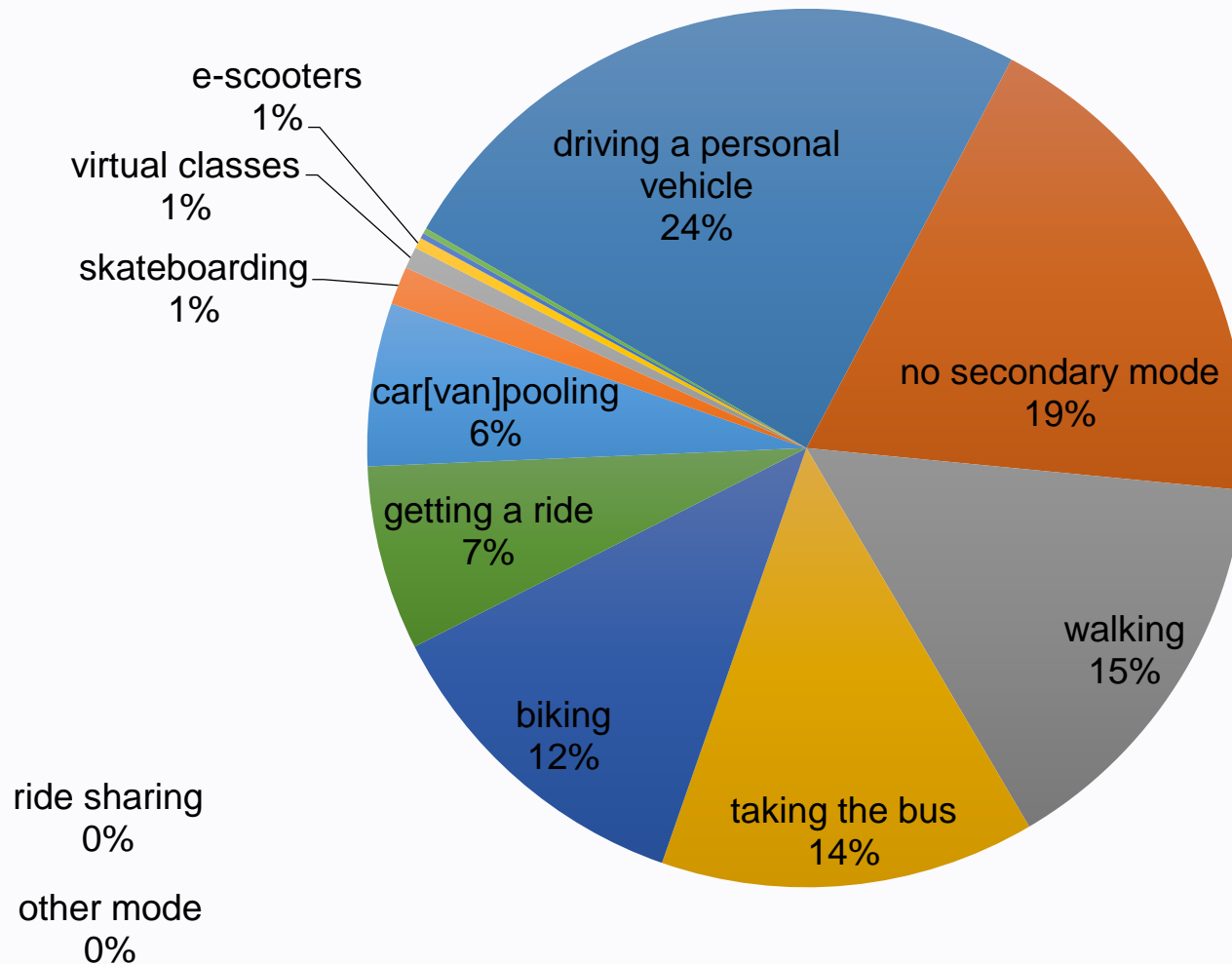
# STUDENTS: YOY PRIMARY MODE

Primary Mode	2017	2018	2019	2020	2022	2023	YOY*
driving a personal vehicle	32%	28%	30%	32%	43%	41%	-2%
taking the bus	26%	31%	26%	21%	23%	22%	-1%
walking	19%	23%	26%	22%	20%	22%	+2%
biking	20%	14%	14%	17%	9%	13%	+4%
car[van]pooling	<1%	2%	1%	2%	1%	1%	--
getting a ride	<1%	1%	1%	2%	1%	1%	--
skateboarding	1%	1%	1%	1%	1%	0%	-1%
ride sharing	--	--	--	0%	<1%	0%	-<1%
e-scooters	--	--	--	<1%	<1%	<1%	--
virtual classes	--	--	--	--	<1%	<1%	--
other	<1%	0	1%	2%	1%	0%	-1%

\*CSU '21-'22 (second semester) compared to CSU '22-'23 (second semester)

# STUDENTS: SECONDARY MODE

n=500



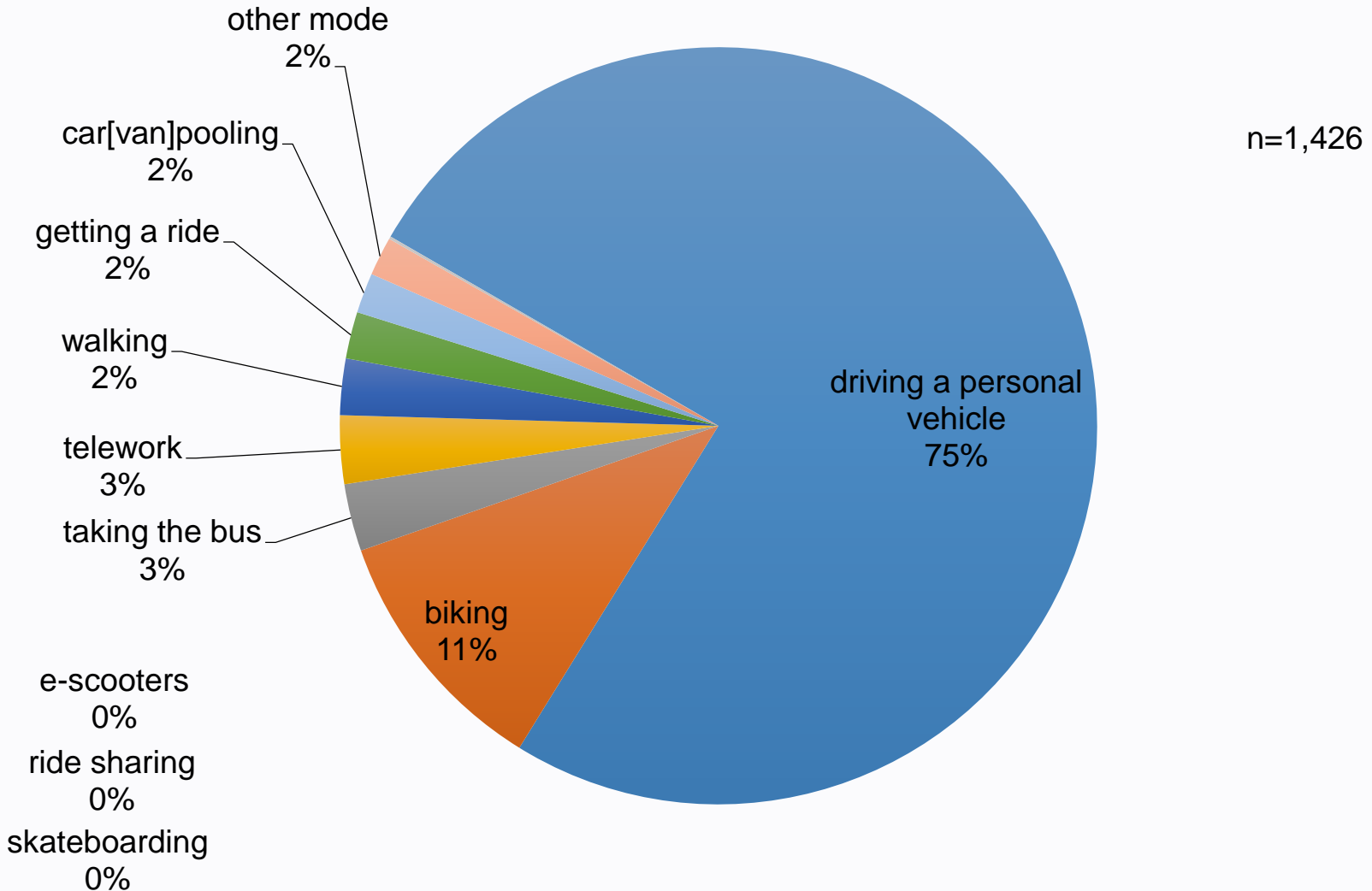
# STUDENTS: YOY SECONDARY MODE

Primary Mode	2017	2018	2019	2020	2022	2023	YOY*
driving a personal vehicle	21%	24%	27%	26%	23%	24%	+1%
taking the bus	17%	17%	14%	18%	10%	14%	+4%
walking	16%	11%	15%	15%	17%	15%	-2%
biking	18%	19%	14%	12%	11%	12%	+1%
car[van]pooling	4%	5%	6%	4%	9%	6%	-3%
getting a ride	4%	4%	5%	5%	5%	7%	+2%
skateboarding	2%	3%	2%	1%	2%	1%	-1%
ride sharing	--	--	--	0%	<1%	0%	-<1%
e-scooters	--	--	--	1%	1%	<1%	-<1%
virtual classes	--	--	--	--	1%	1%	--
other	0	0	0	0	1%	<1%	-<1%
no second mode	17%	17%	17%	18%	20%	19%	-1%

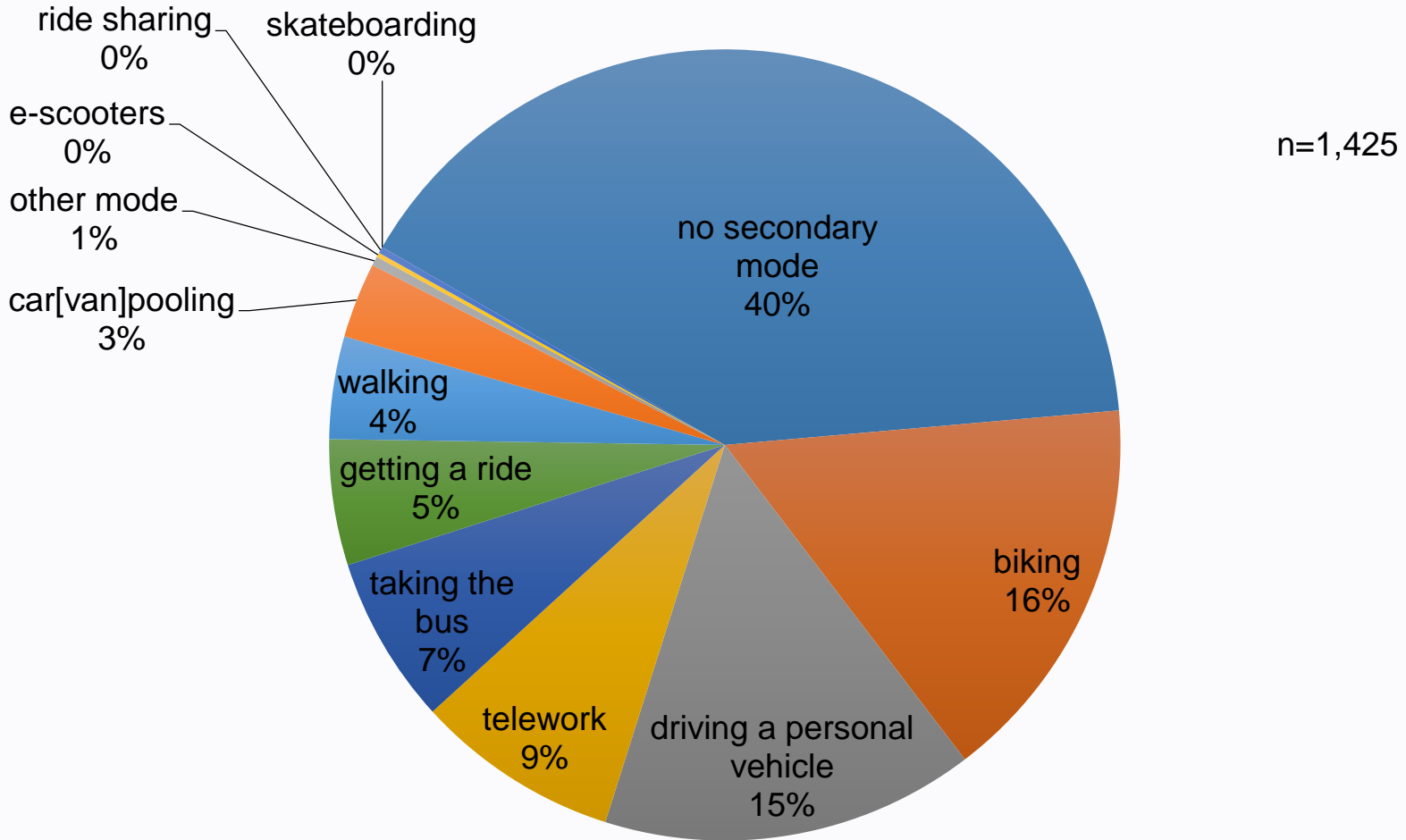
\*CSU '21-'22 (second semester) compared to CSU '22-'23 (second semester)



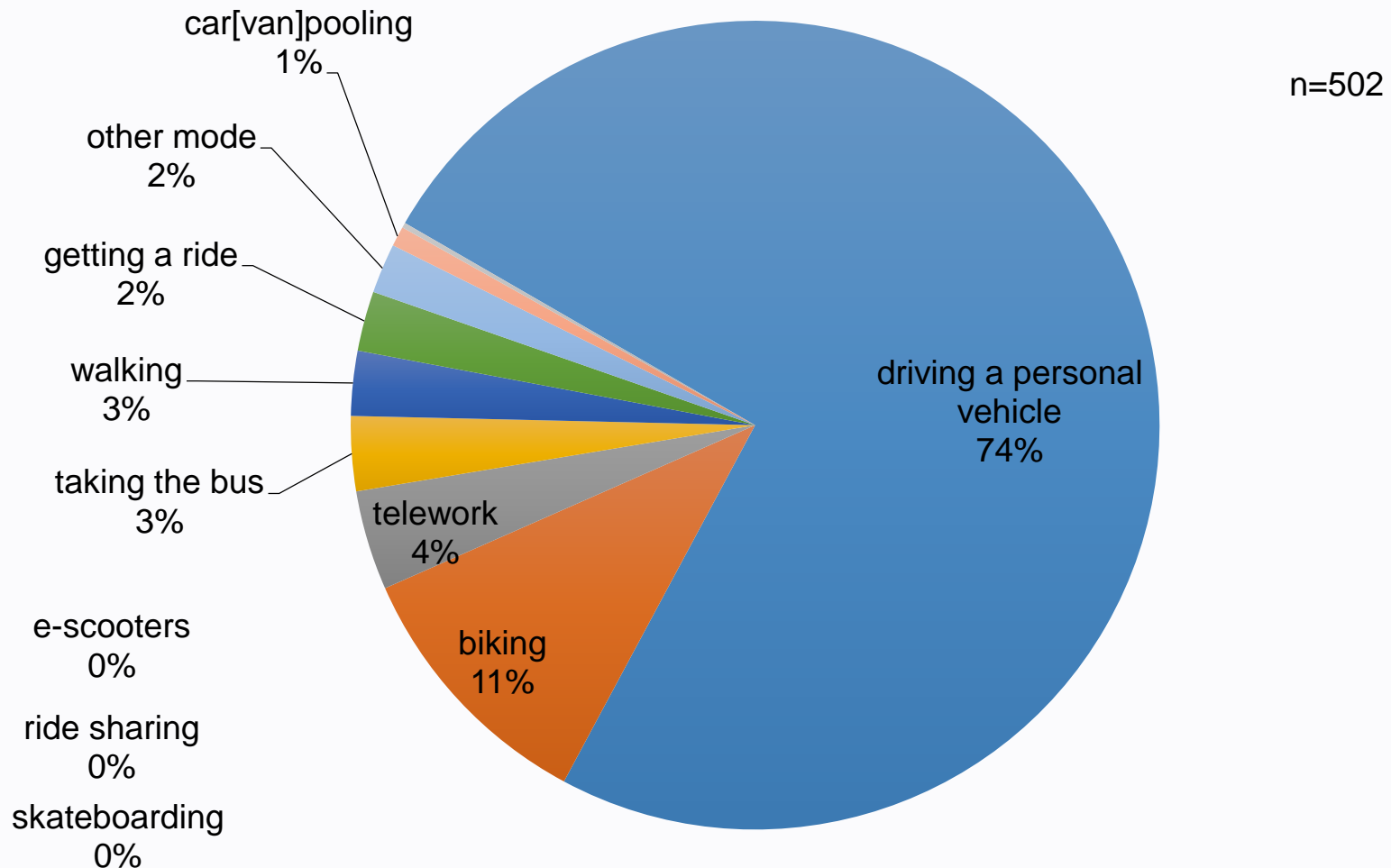
# EMPLOYEES: PRIMARY MODE WEIGHTED



# EMPLOYEES: SECONDARY MODE WEIGHTED



# ADMINISTRATIVE PROFESSIONALS: PRIMARY MODE

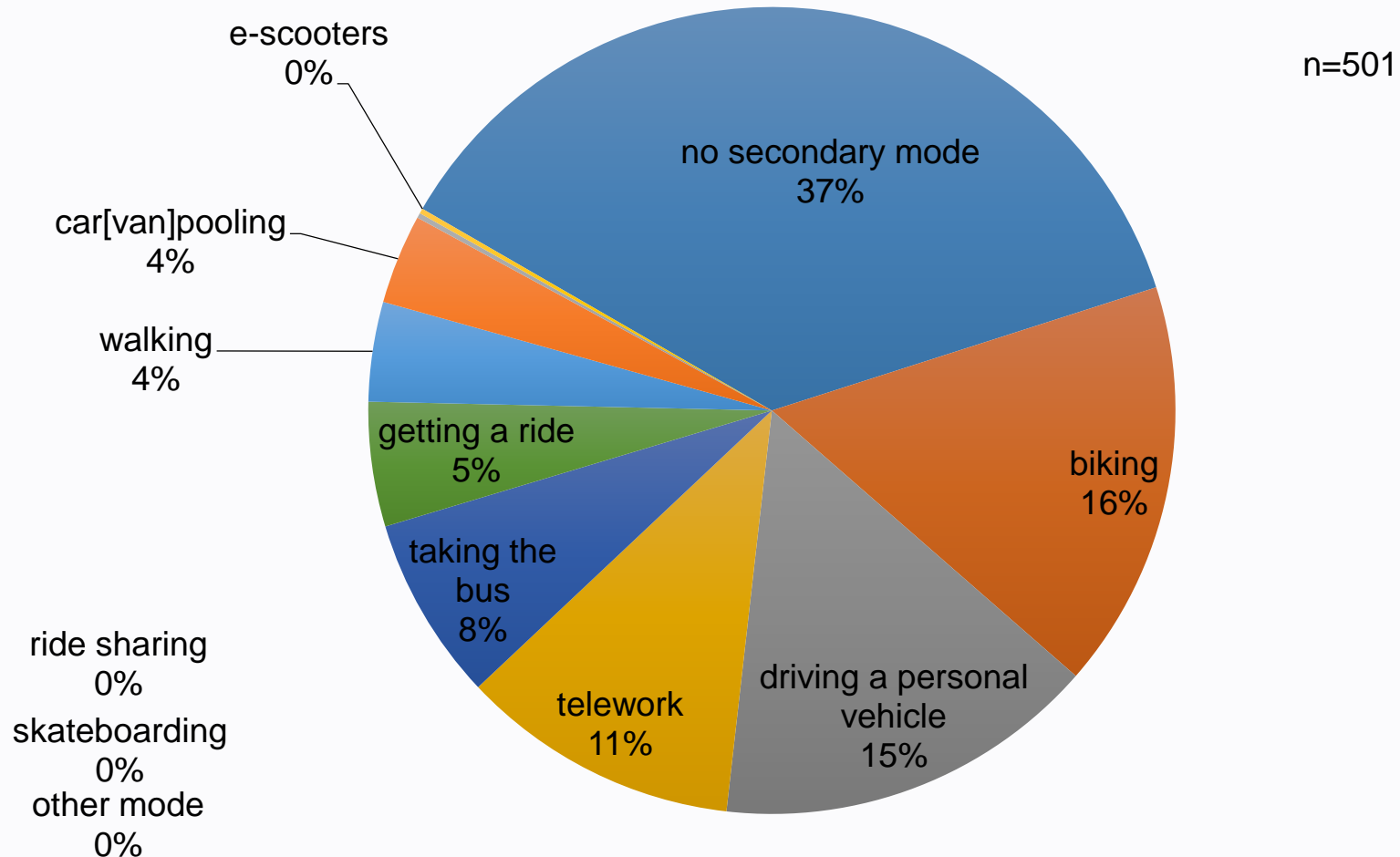


# ADMINISTRATIVE PROFESSIONALS: YOY PRIMARY MODE

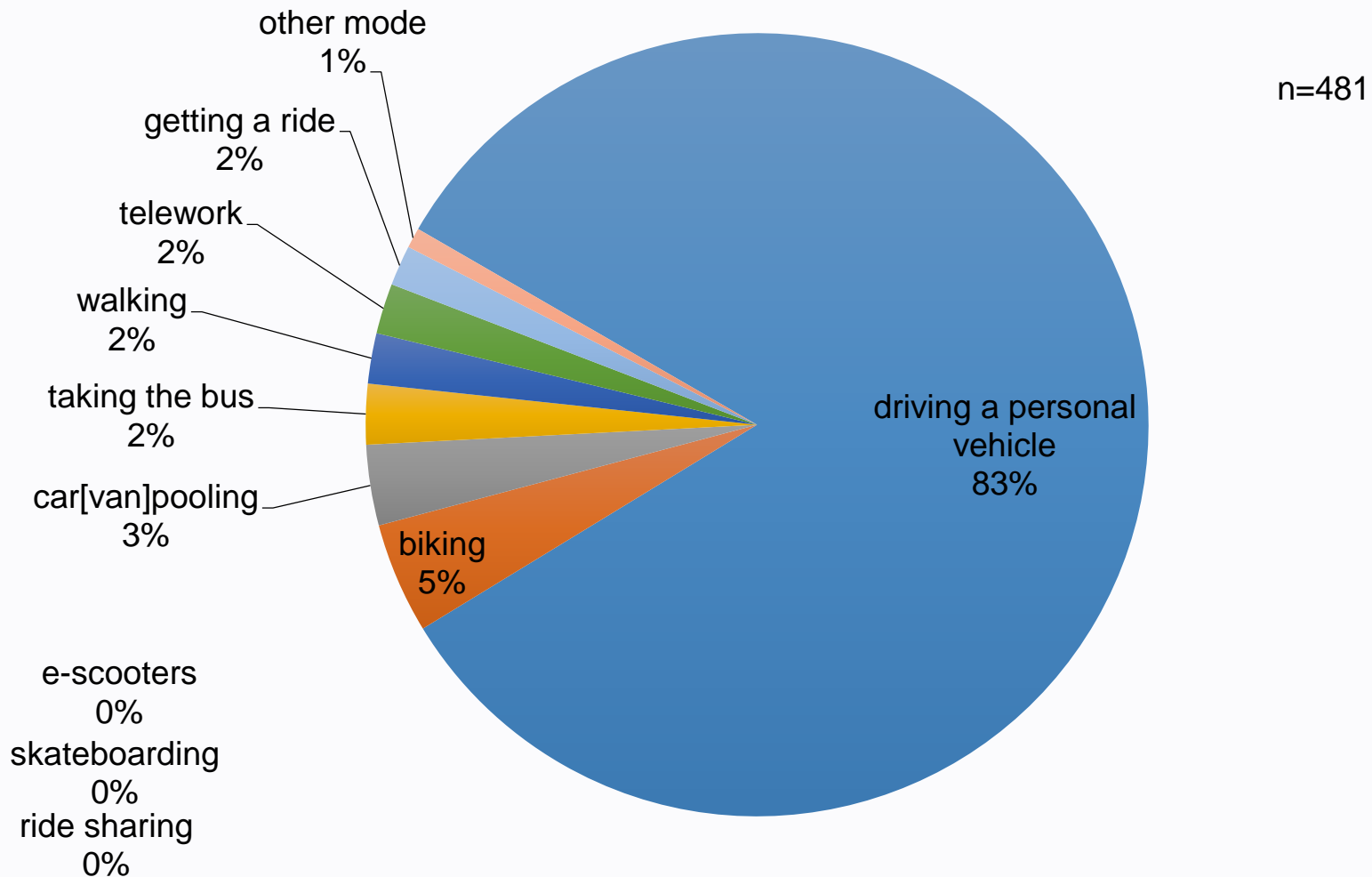
Primary Mode	2017	2018	2019	2020	2022	2023	YOY*
driving a personal vehicle	74%	70%	76%	75%	76%	75%	-1%
taking the bus	7%	7%	5%	5%	4%	3%	-1%
walking	2%	4%	2%	4%	1%	3%	+2%
biking	13%	13%	10%	10%	12%	11%	-1%
car[van]pooling	<1%	3%	3%	2%	1%	1%	--
getting a ride	<1%	1%	1%	2%	1%	2%	+1%
skateboarding	0	<1%	0	0	0	0	--
ride sharing	--	--	--	0	0	0	--
e-scooters	--	--	--	0	0	0	--
telework	--	--	--	--	3%	4%	+1%
other	<1%	1%	1%	<1%	1%	2%	+1%

\*CSU '21-'22 (second semester) compared to CSU '22-'23 (second semester)

# ADMINISTRATIVE PROFESSIONALS: SECONDARY MODE



# STATE CLASSIFIED EMPLOYEES: PRIMARY MODE

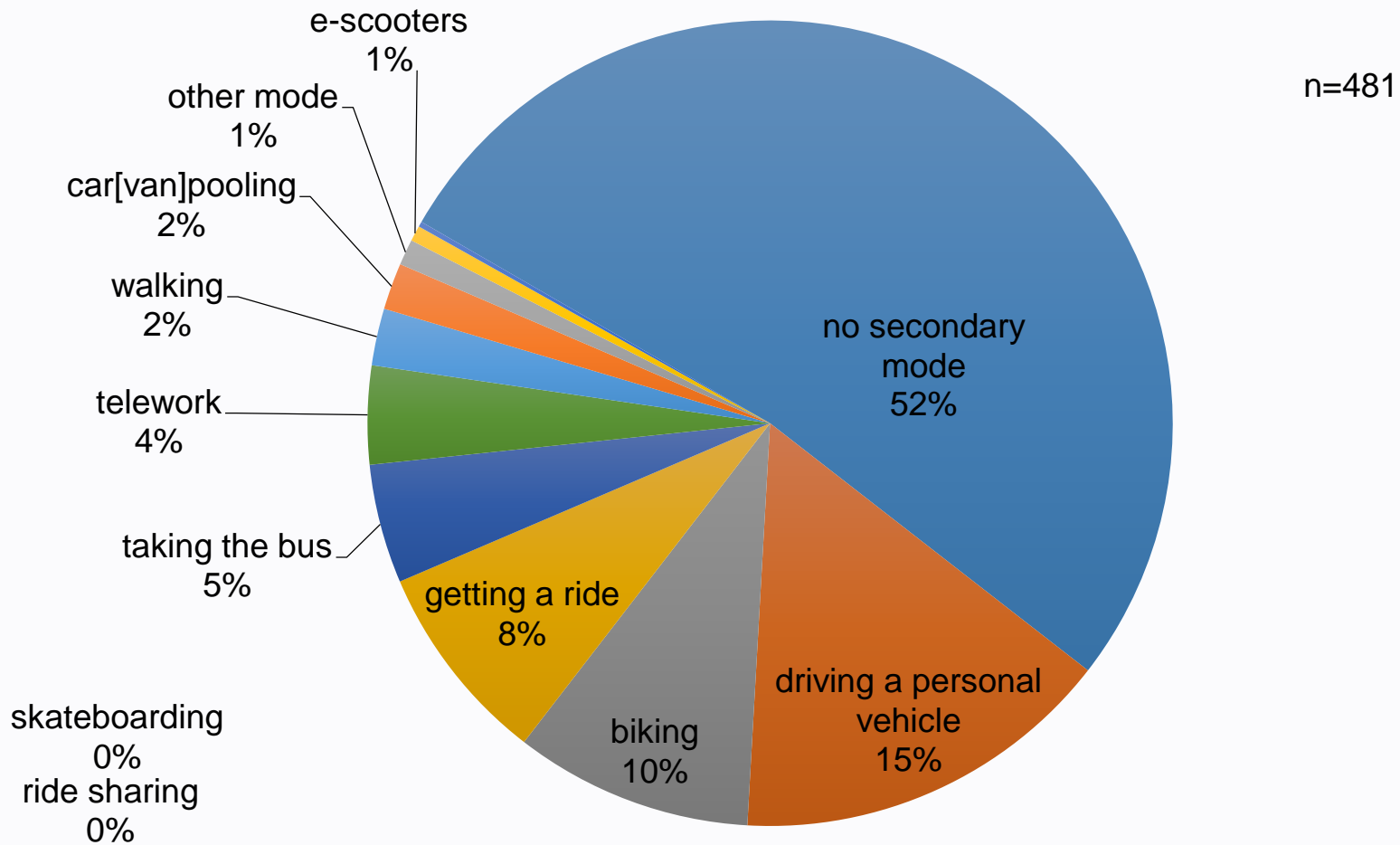


# STATE CLASSIFIED EMPLOYEES: YOY PRIMARY MODE

Primary Mode	2017	2018	2019	2020	2022	2023	YOY*
driving a personal vehicle	81%	79%	82%	77%	82%	83%	+1%
taking the bus	6%	7%	4%	7%	3%	2%	-1%
walking	<1%	1%	1%	1%	2%	2%	--
biking	7%	7%	5%	5%	6%	5%	-1%
car[van]pooling	2%	3%	3%	4%	2%	3%	+1%
getting a ride	2%	2%	3%	3%	2%	2%	--
skateboarding	0	0	0	0	0	0	--
ride sharing	0	1%	1%	1%	0	0	--
e-scooter	--	0	0	<1%	0	0	--
telework	--	--	--	--	2%	2%	--
other	<1%	<1%	1%	1%	1%	1%	--

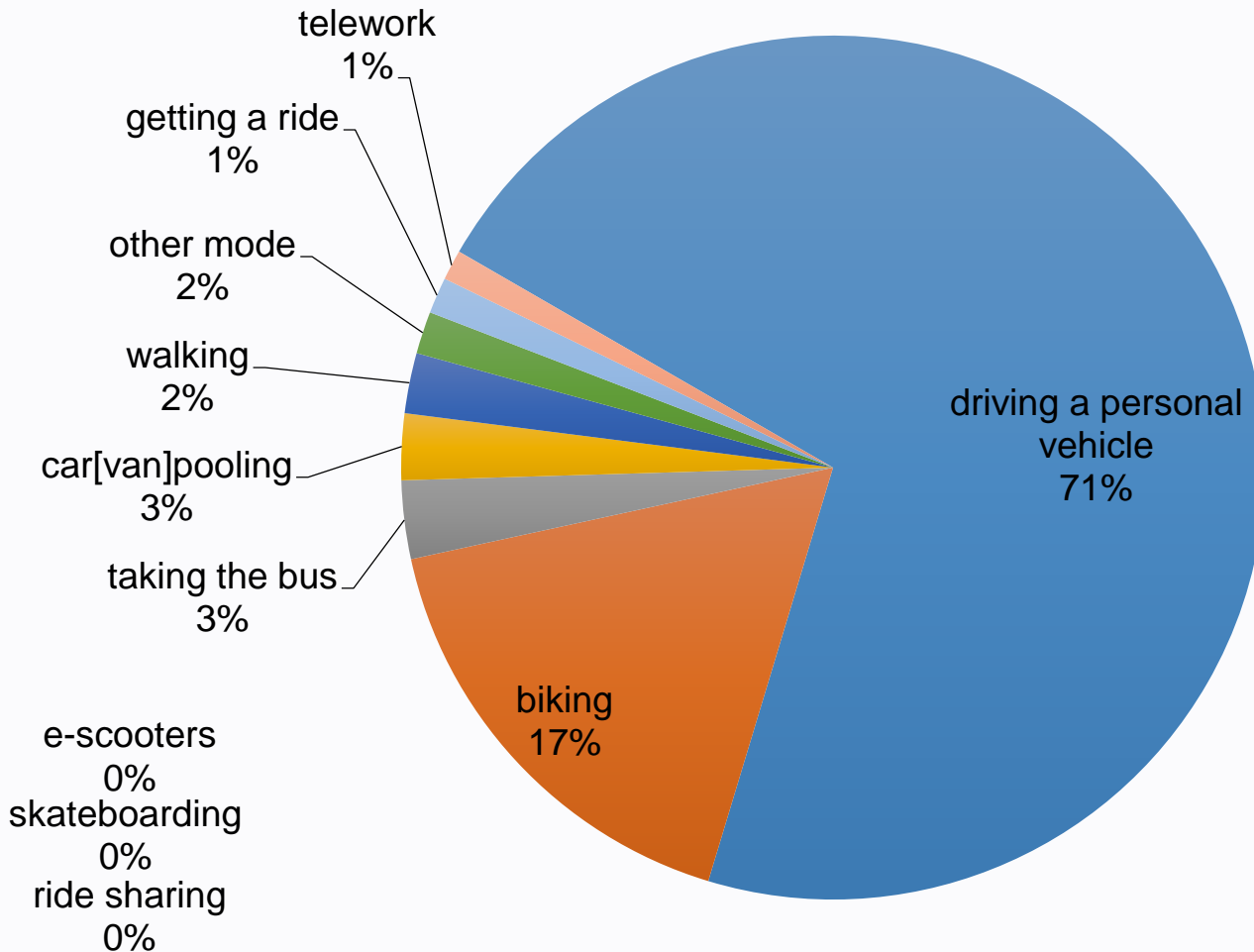
\*CSU '21-'22 (second semester) compared to CSU '22-'23 (second semester)

# STATE CLASSIFIED EMPLOYEES: SECONDARY MODE





# FACULTY: PRIMARY MODE



n=443

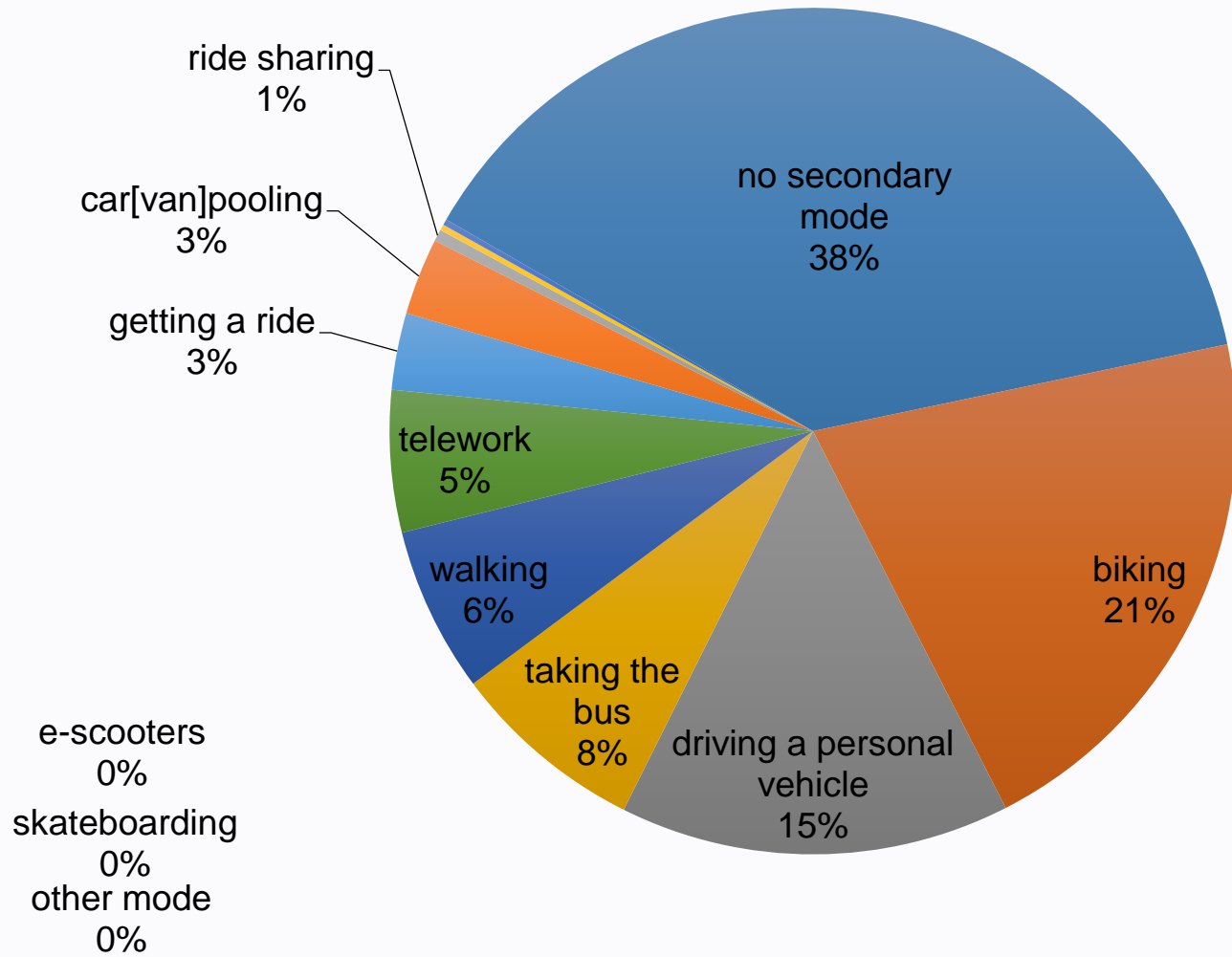
# FACULTY: YOY PRIMARY MODE

Primary Mode	2017	2018	2019	2020	2022	2023	YOY*
driving a personal vehicle	75%	69%	71%	68%	67%	71%	+4%
taking the bus	2%	6%	5%	7%	4%	3%	-1%
walking	4%	5%	4%	3%	6%	2%	-4%
biking	14%	17%	16%	18%	19%	17%	-2%
car[van]pooling	3%	1%	2%	3%	1%	2%	+1%
getting a ride	3%	2%	2%	1%	1%	1%	--
skateboarding	0	0	0	0	0	0	--
ride sharing	--	--	--	0	0	0	--
e-scooters	--	0	0	0	0	0	--
telework	--	--	--	--	1%	1%	--
other	0	<1%	0	<1%	1%	2%	+1%

\*CSU '21-'22 (second semester) compared to CSU '22-'23 (second semester)

# FACULTY: SECONDARY MODE

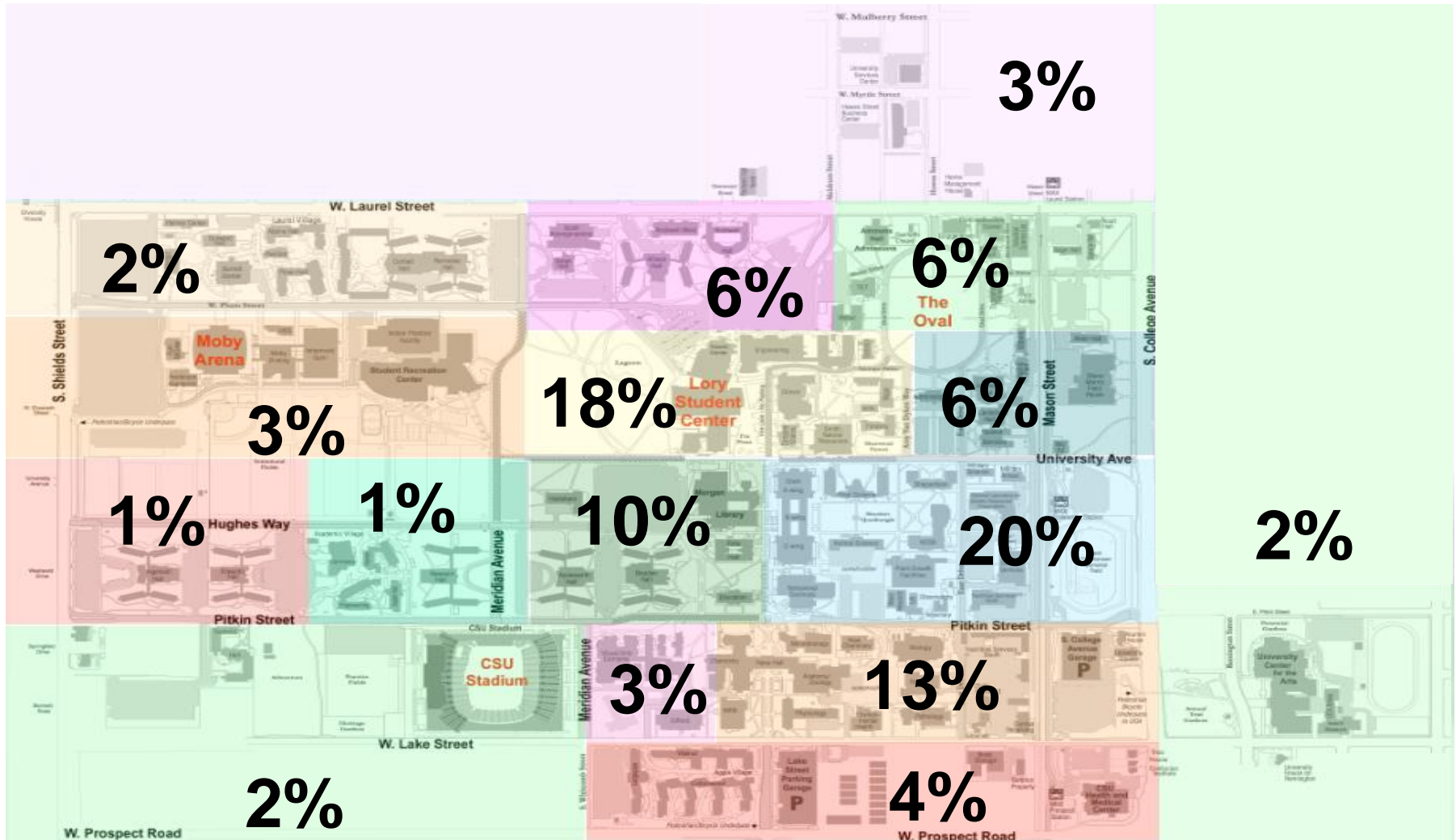
n=443





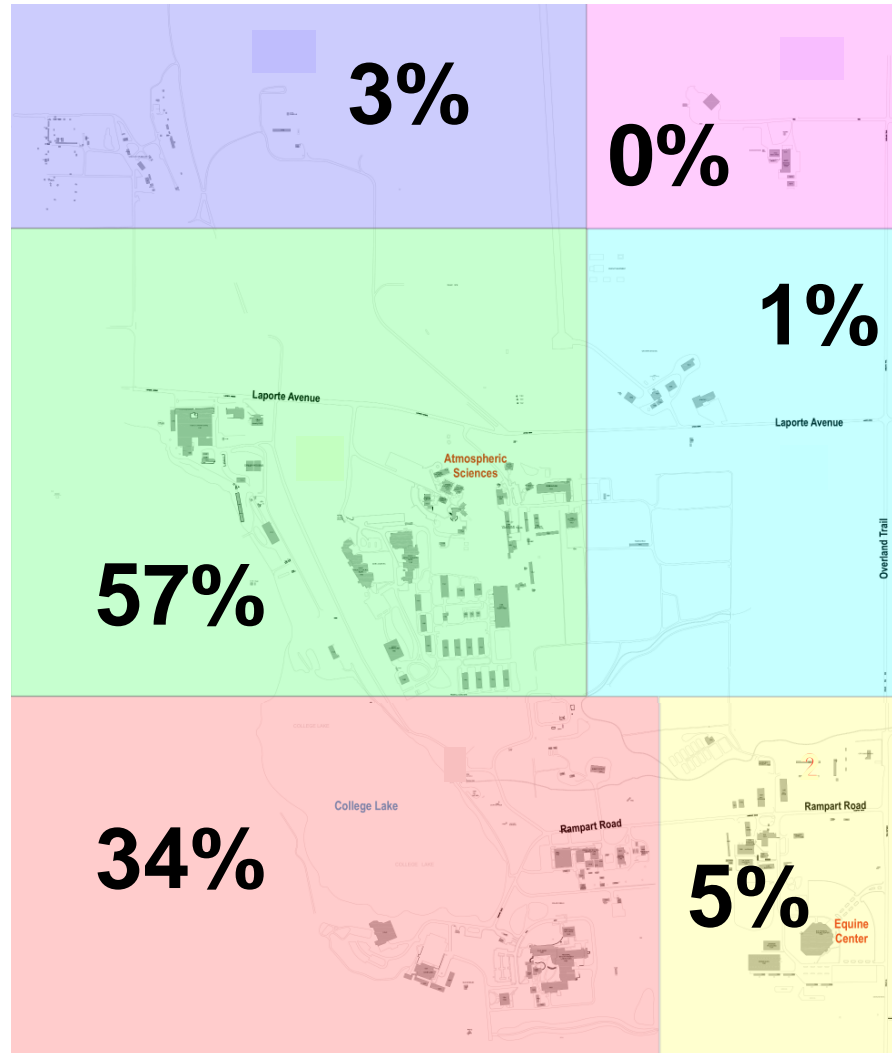
# TRAVEL TO CAMPUS

# WHERE DO YOU SPEND MOST OF YOUR TIME IN A TYPICAL WEEK? MAIN CAMPUS



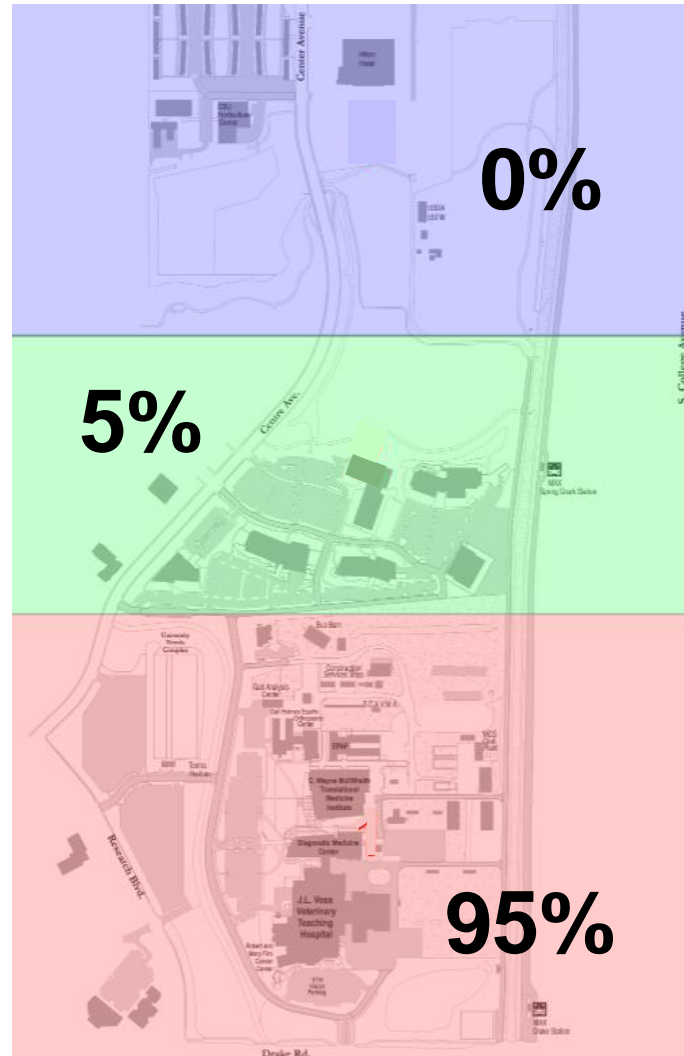
n=1,581 (times selected)

# WHERE DO YOU SPEND MOST OF YOUR TIME IN A TYPICAL WEEK? FOOTHILLS



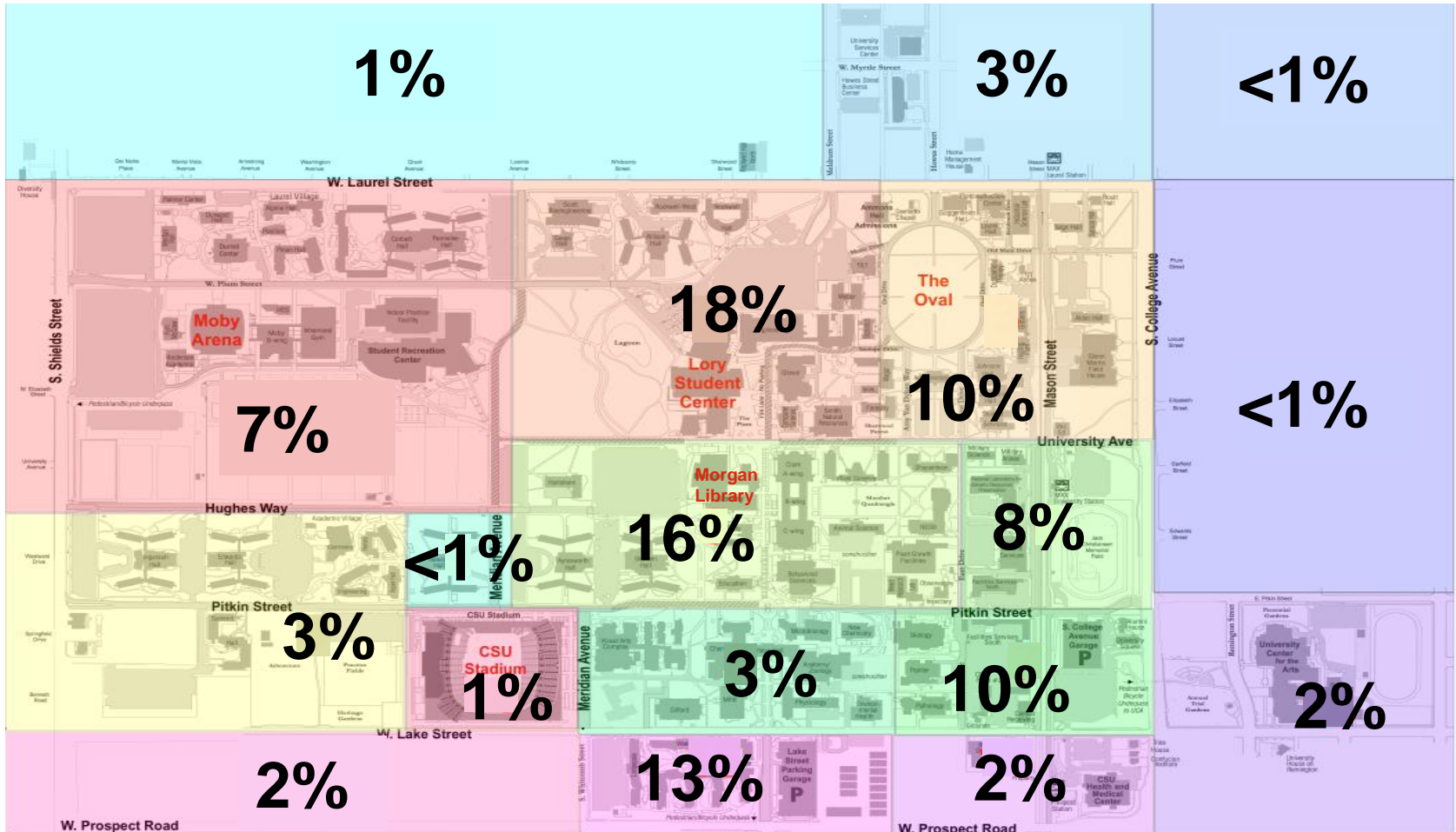
n=77 (times selected)

# WHERE DO YOU SPEND MOST OF YOUR TIME IN A TYPICAL WEEK? SOUTH CAMPUS



n=175 (times selected)

# WHAT SIDE OF MAIN CAMPUS DO YOU USUALLY PARK ON?



n=971 (times selected)

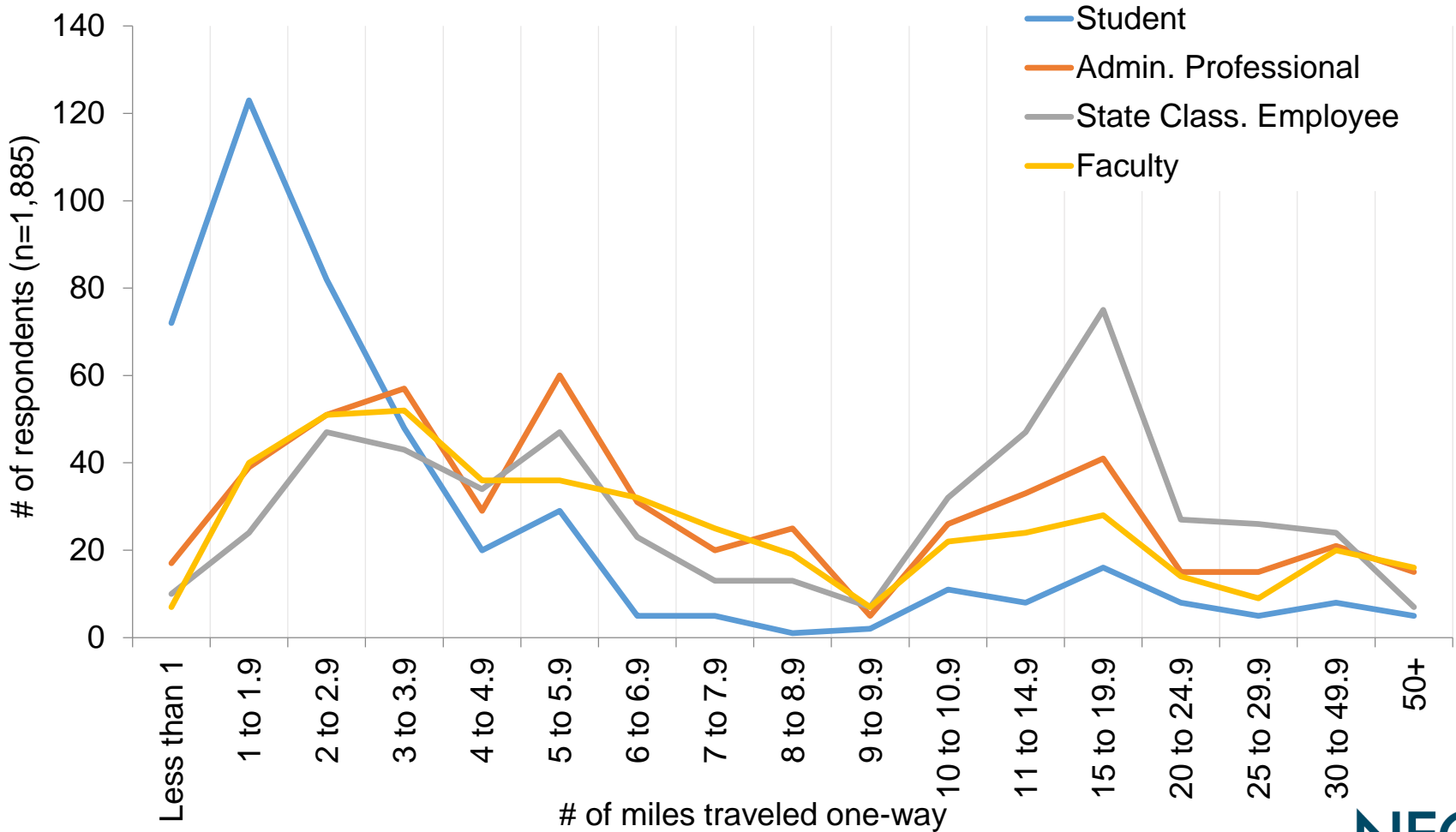


# DISTANCE TRAVELED

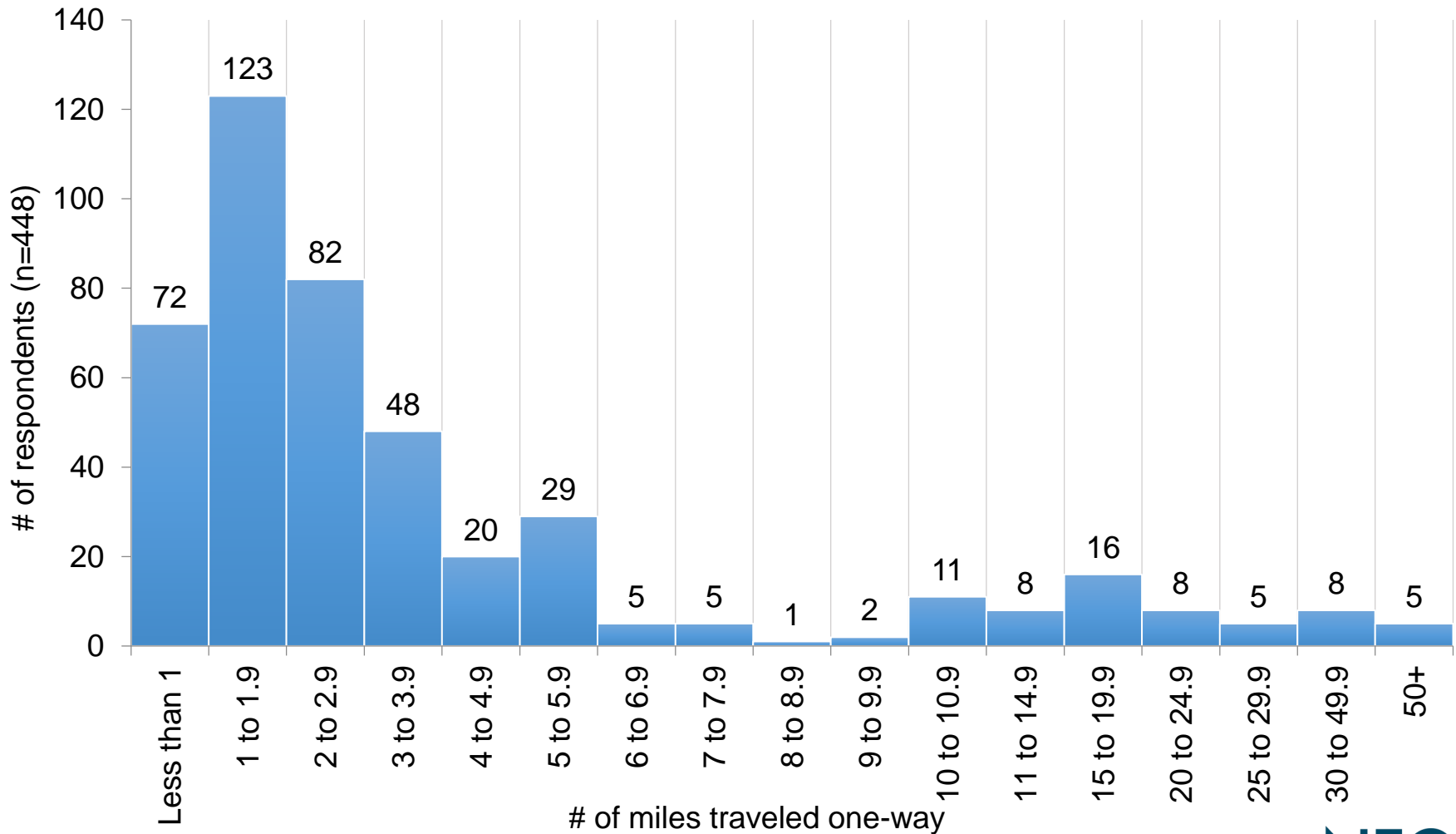
# APPROXIMATELY HOW MANY MILES DO YOU USUALLY TRAVEL TO GET TO CAMPUS\*?

Respondent Type	Average '19-'20	Average '21-'22	Average '22-'23	Mode '19-'20	Mode '21-'22	Mode '22-'23	Median '19-'20	Median '21-'22	Median '22-'23	Total miles '19-'20 (n)	Total miles '21-'22 (n)	Total miles '22-'23 (n)
Total (<50 miles)	7.7	7	7	3	2	5	5	4.1	5	15,170.0 (n=1,641)	11,580.1 (n=1,650)	13,020.2 (n=1,753)
Total (50+ miles)	74.2	65.1	63	60	60	60	60	60	60	2,746.7 (n=37)	1,822.5 (n=28)	2,703.1 (n=43)
Students (<50 miles)	4.3	3.8	4	1	1	1	2	2	2	1,598.0 (n=371)	1,729.5 (n=461)	1,651.2 (n=431)
Students (50+ miles)	64.4	59.6	57	50	65	50	55	61.5	53	644.4 (n=10)	357.5 (n=6)	287.0 (n=5)
Admin (<50 miles)	8.2	8.6	8	5	5	5	5	5	5	3,612.4 (n=438)	3,491.1 (n=408)	3,804.6 (n=466)
Admin (50+ miles)	78.0	73	64	60	-	50	75	79	62	546.0 (n=7)	365.0 (n=5)	961.4 (n=15)
State (<50 miles)	7.3	9.1	10	3	5	5	7.3	6	7	4,615.5 (n=442)	3,695.5 (n=406)	4,539.1 (n=456)
State (50+ miles)	99.3	58.3	62	50	60	50	80	60	60	794.0 (n=8)	175.0 (n=3)	436.0 (n=7)
Faculty (<50 miles)	10.4	7.1	8	3	5	3	5	5	5	2,598.9 (n=355)	2,664.0 (n=375)	3,025.4 (n=400)
Faculty (50+ miles)	63.5	65	64	60	60	60	60	60	60	762.3 (n=12)	845.0 (n=13)	1,018.7 (n=16)

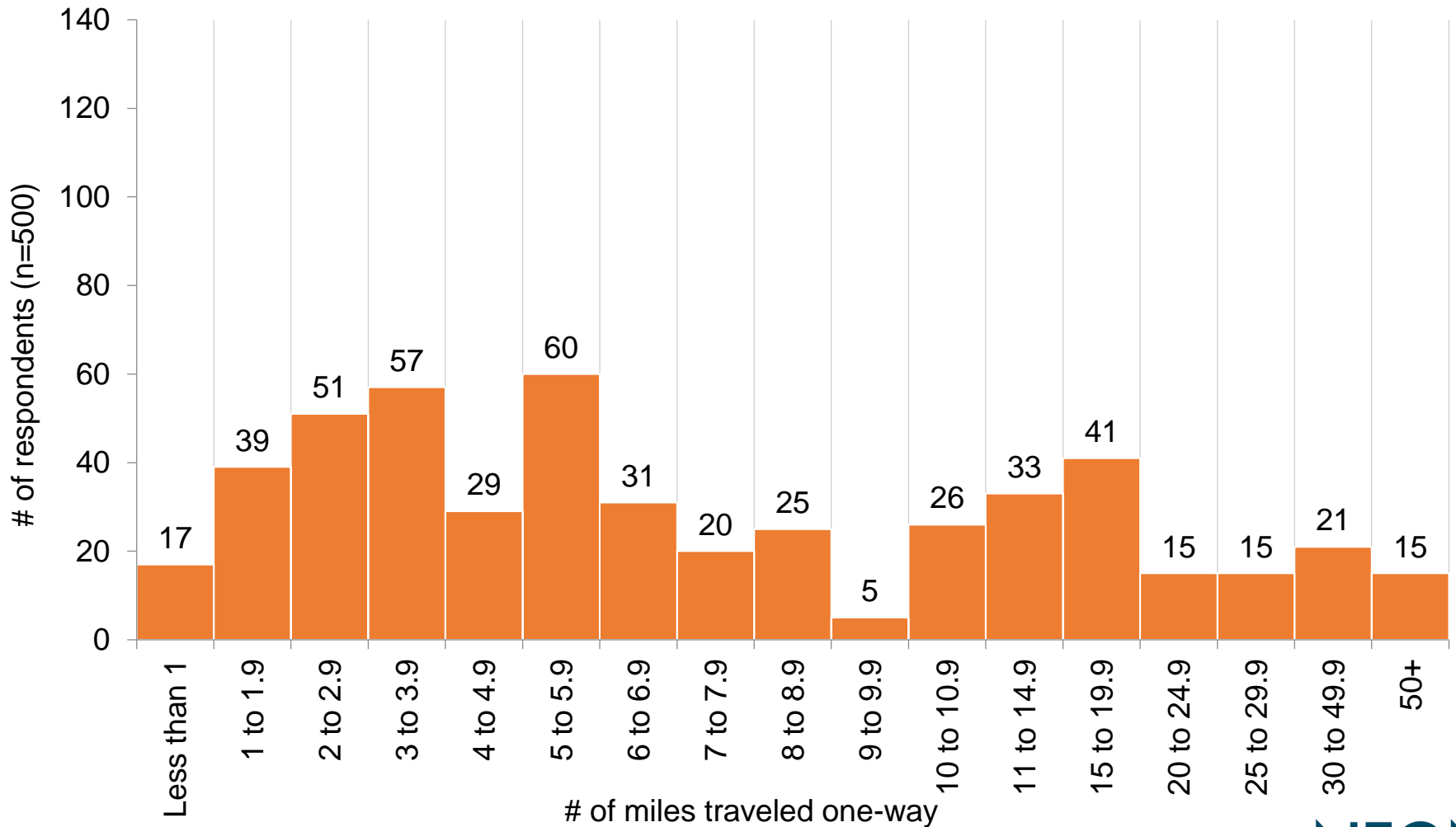
# RESPONDENT TYPE BY DISTANCE TRAVELED TO CAMPUS (ONE-WAY)



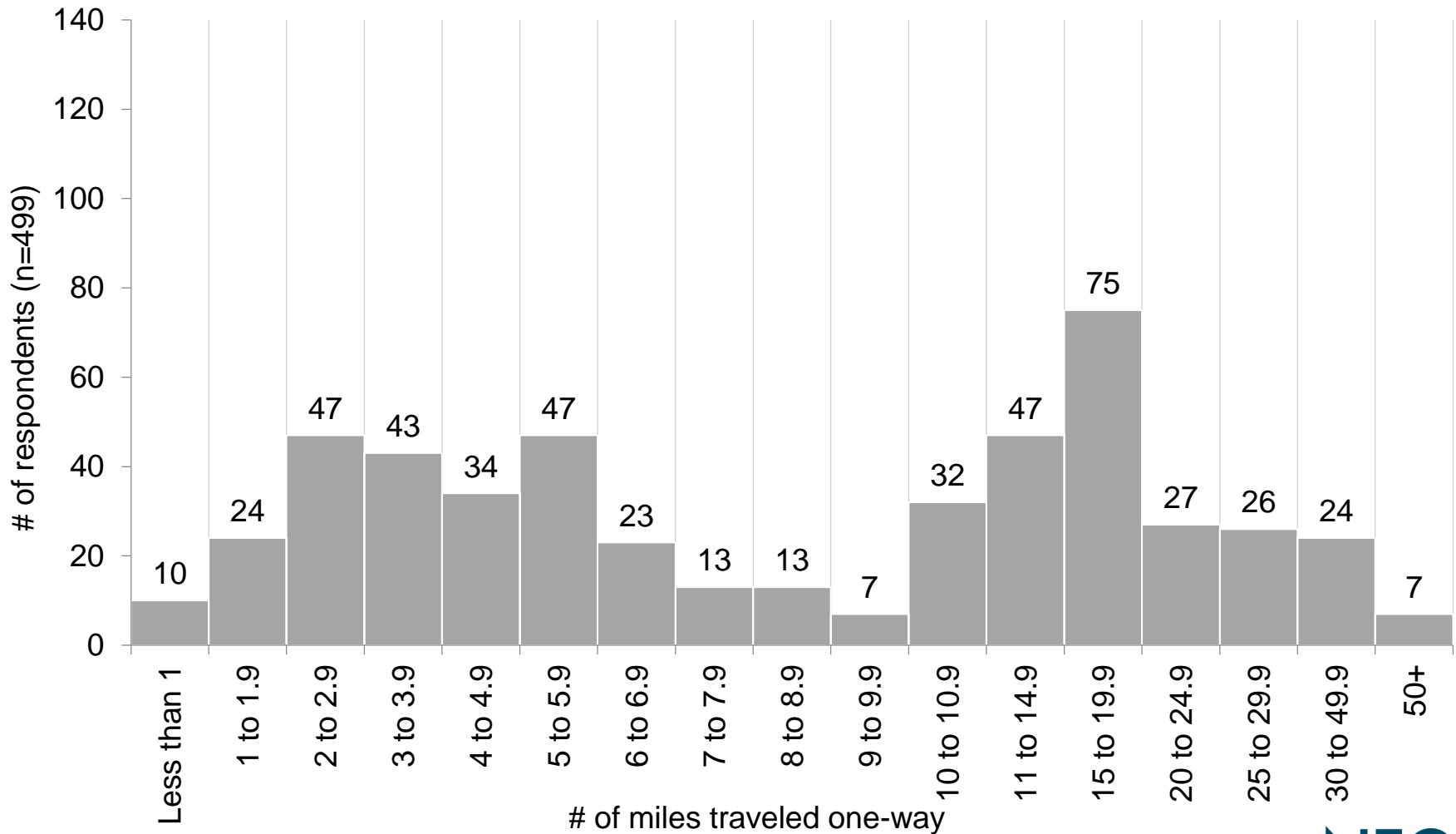
# STUDENT DISTANCE TRAVELED (ONE-WAY)



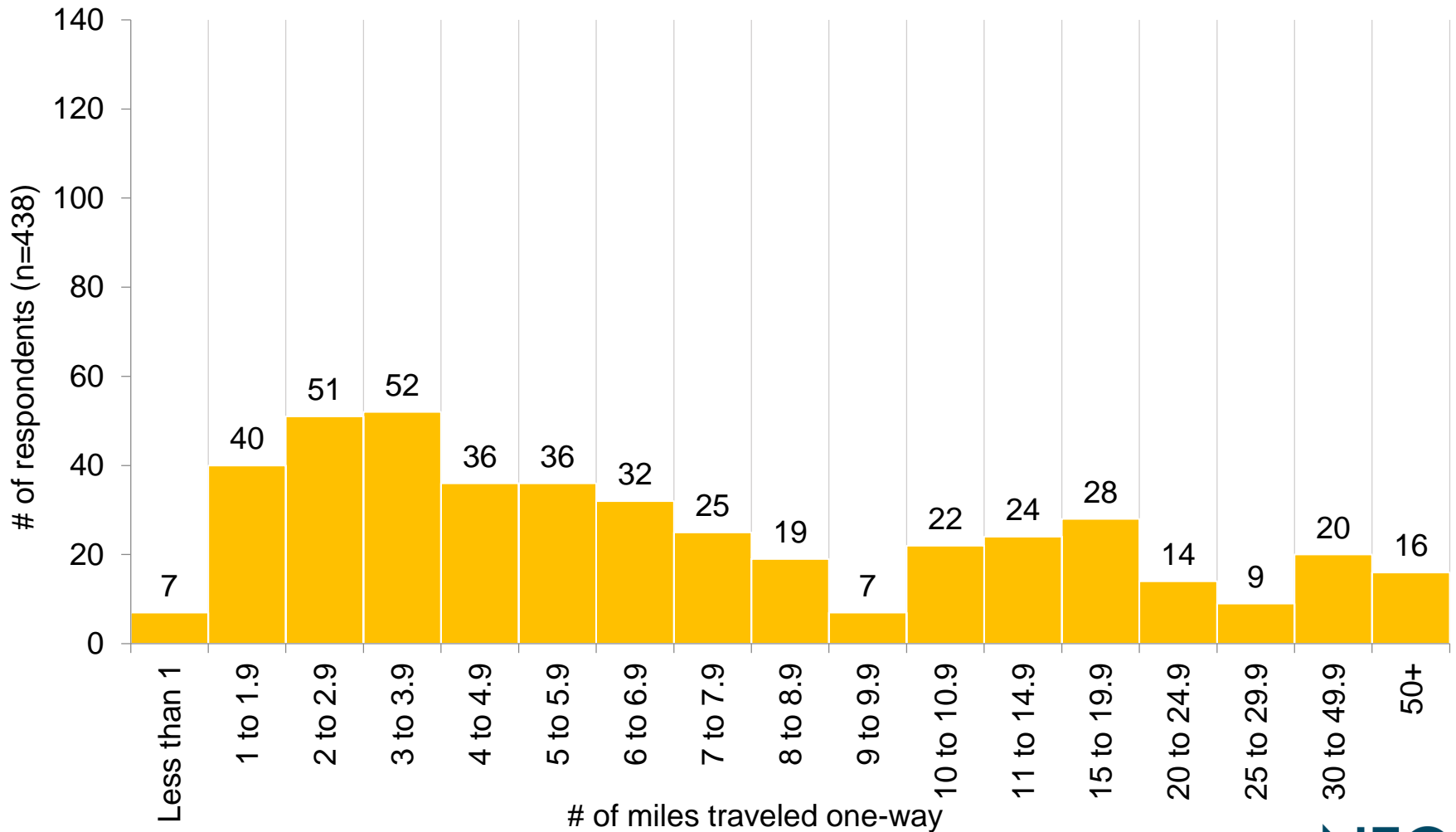
# ADMINISTRATIVE PROFESSIONAL DISTANCE TRAVELED (ONE-WAY)



# STATE CLASSIFIED EMPLOYEE DISTANCE TRAVELED (ONE-WAY)



# FACULTY DISTANCE TRAVELED (ONE-WAY)

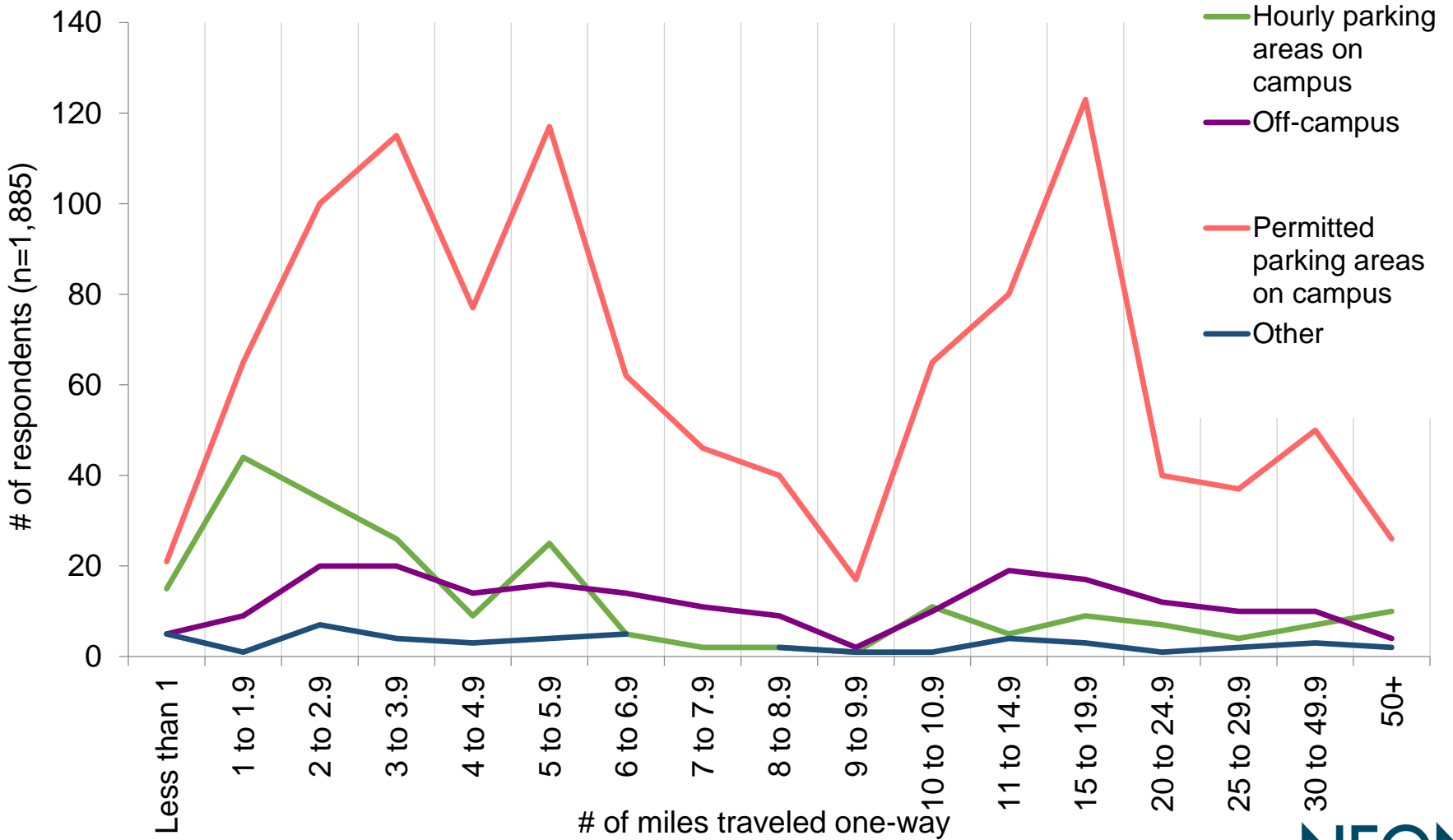




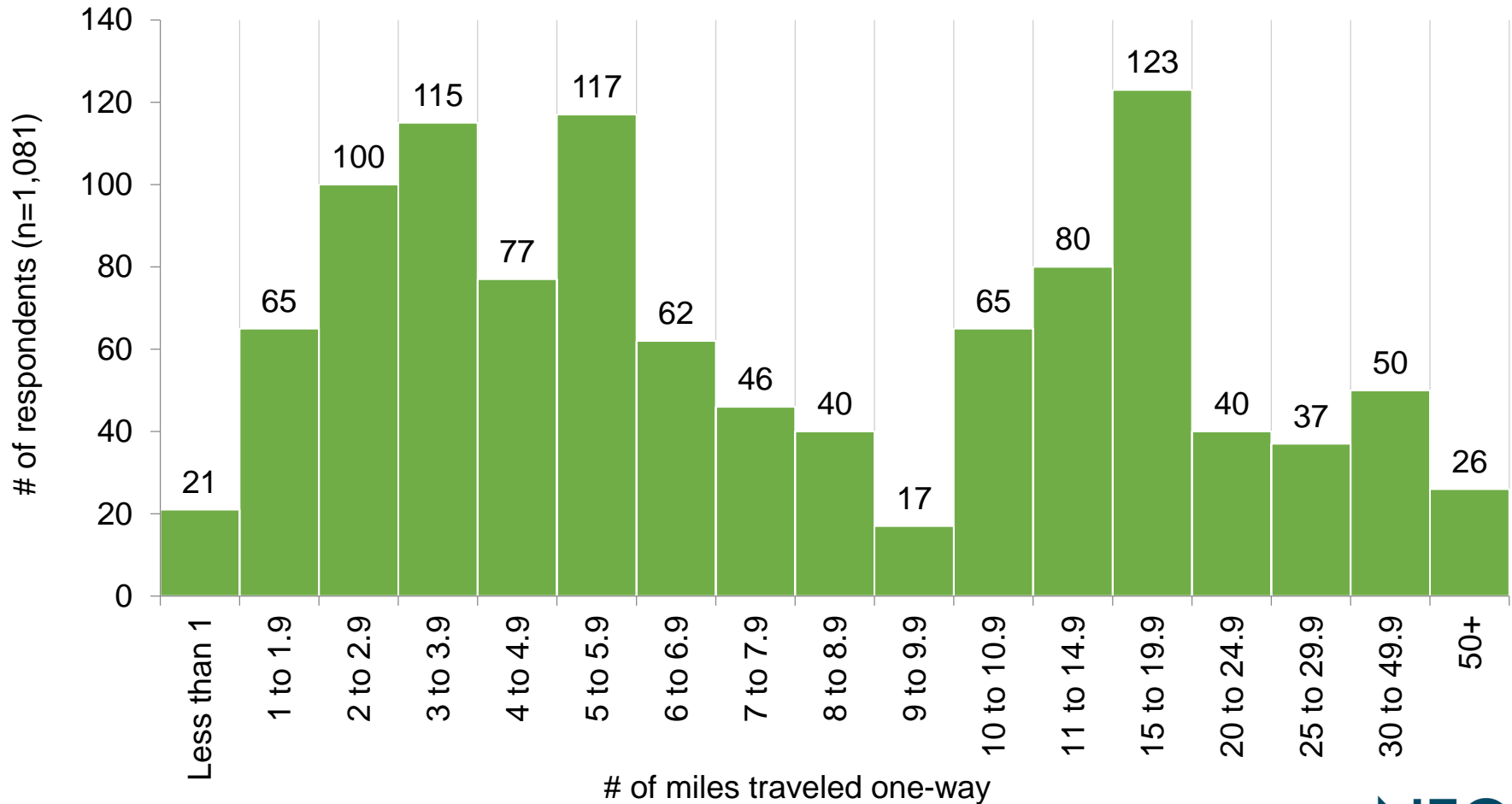
# DISTANCE TRAVELED BY PARKING TRENDS



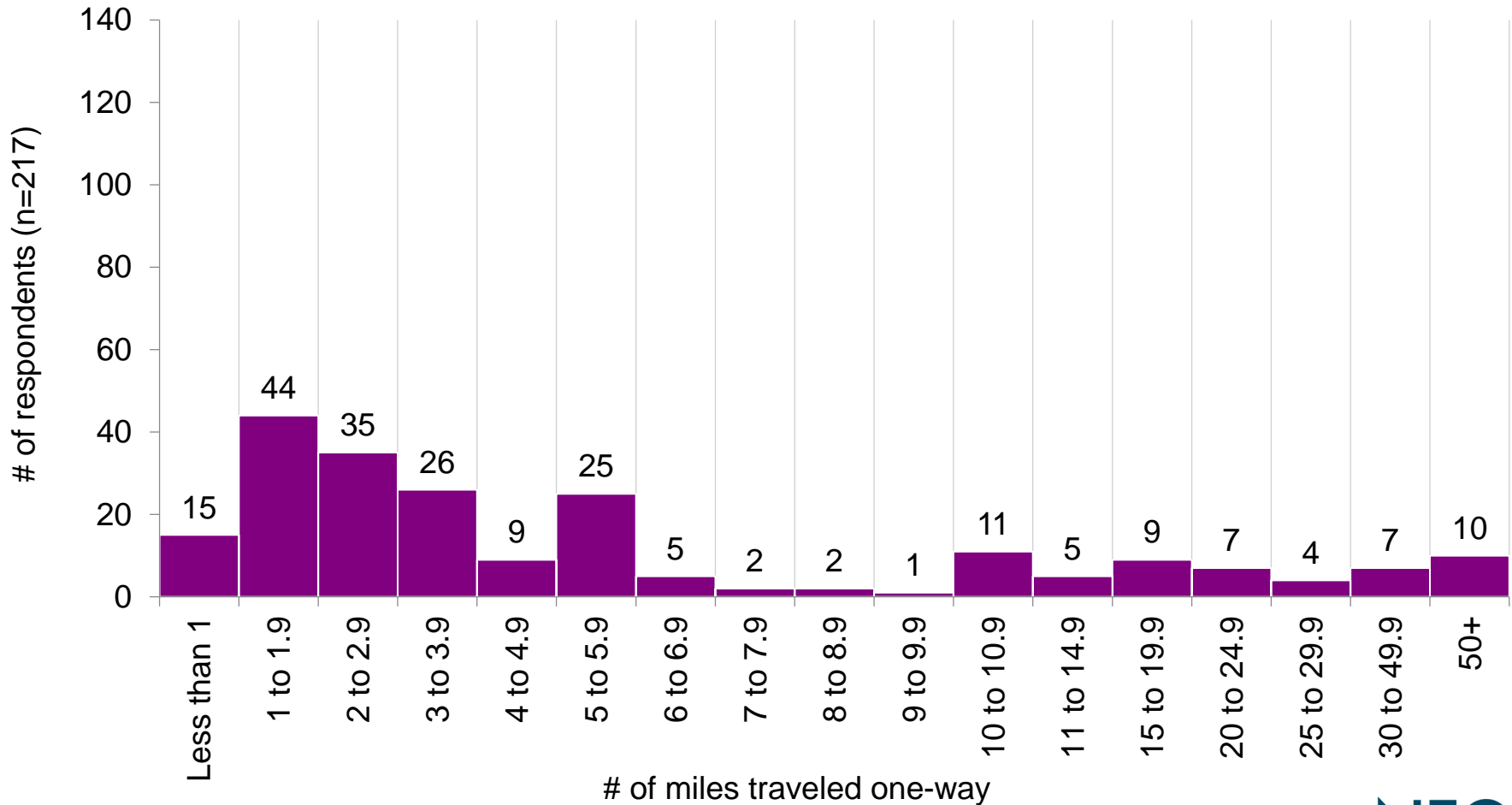
# PARKING LOCATION BY DISTANCE TRAVELED IN MILES (ONE-WAY)



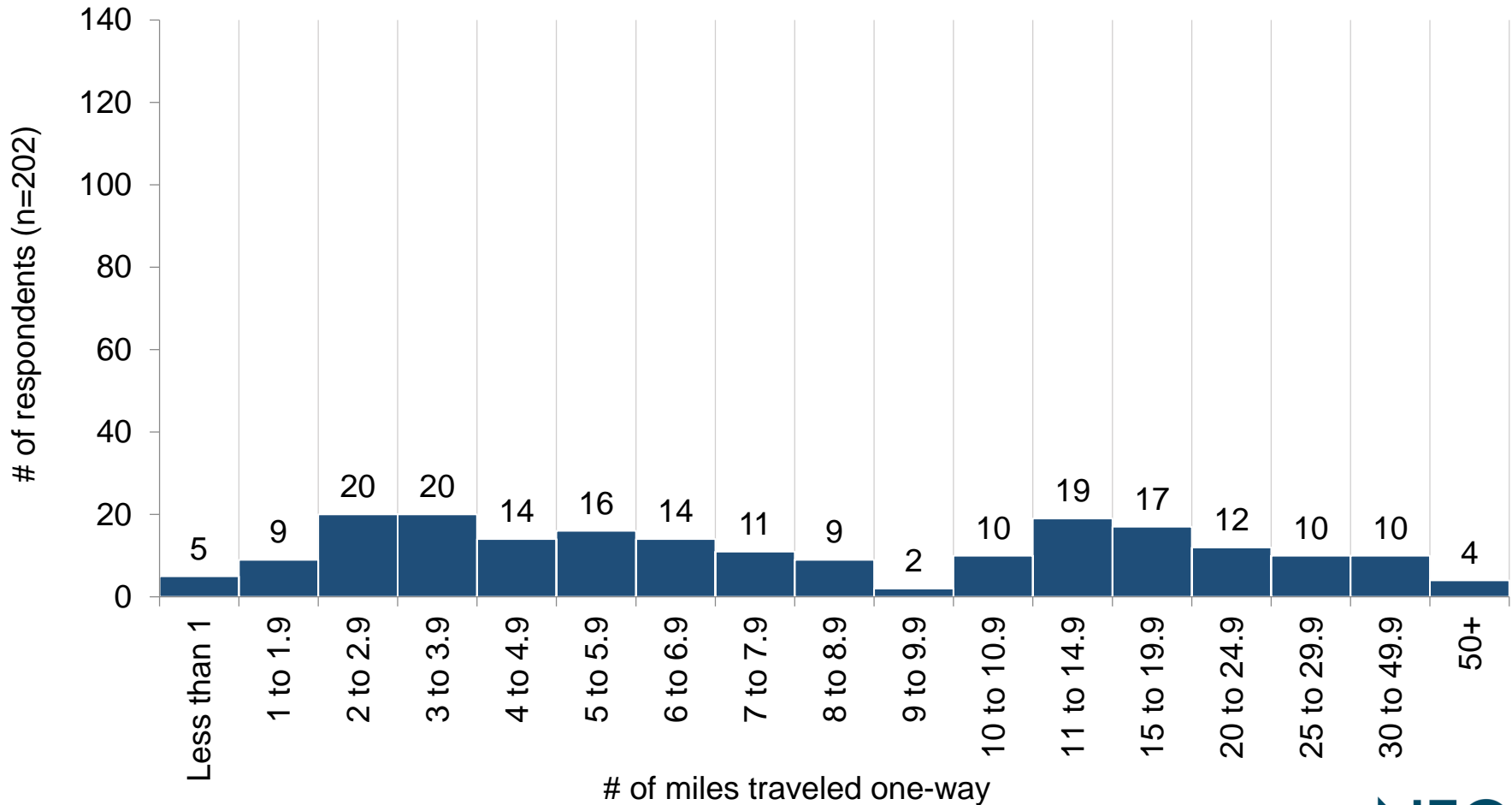
# MILES TRAVELED TO CAMPUS (ONE-WAY) OF USERS OF PERMIT ON-CAMPUS LOTS



# MILES TRAVELED TO CAMPUS (ONE-WAY) OF USERS OF SHORT-TERM/ HOURLY ON-CAMPUS

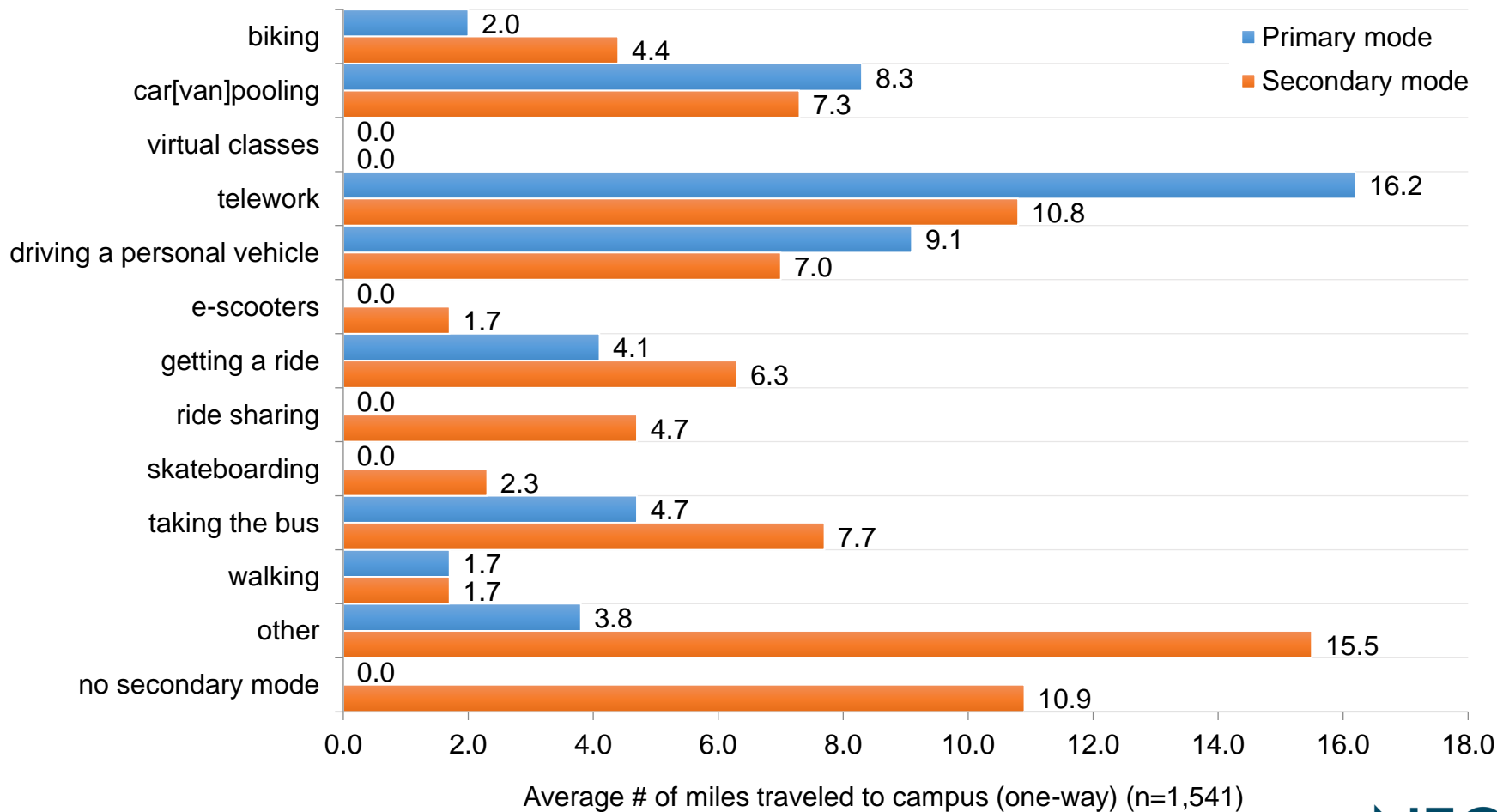


# MILES TRAVELED TO CAMPUS (ONE-WAY) OF USERS WHO PARK OFF-CAMPUS



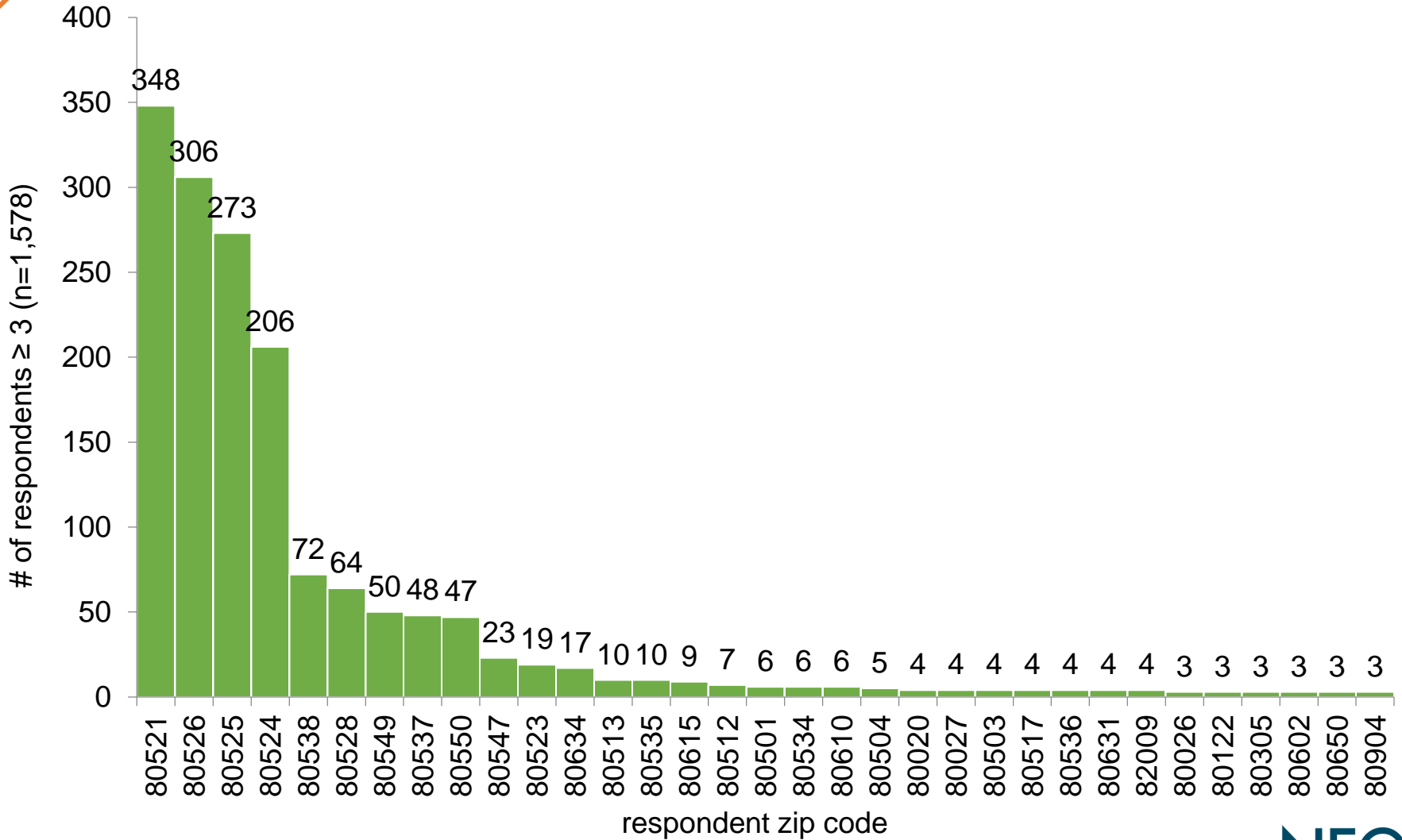
# MODE SPLIT & DISTANCE BY THOSE THAT PARK ON CAMPUS - HAVE A PERMIT, <50 MILES

## Mode of transportation:

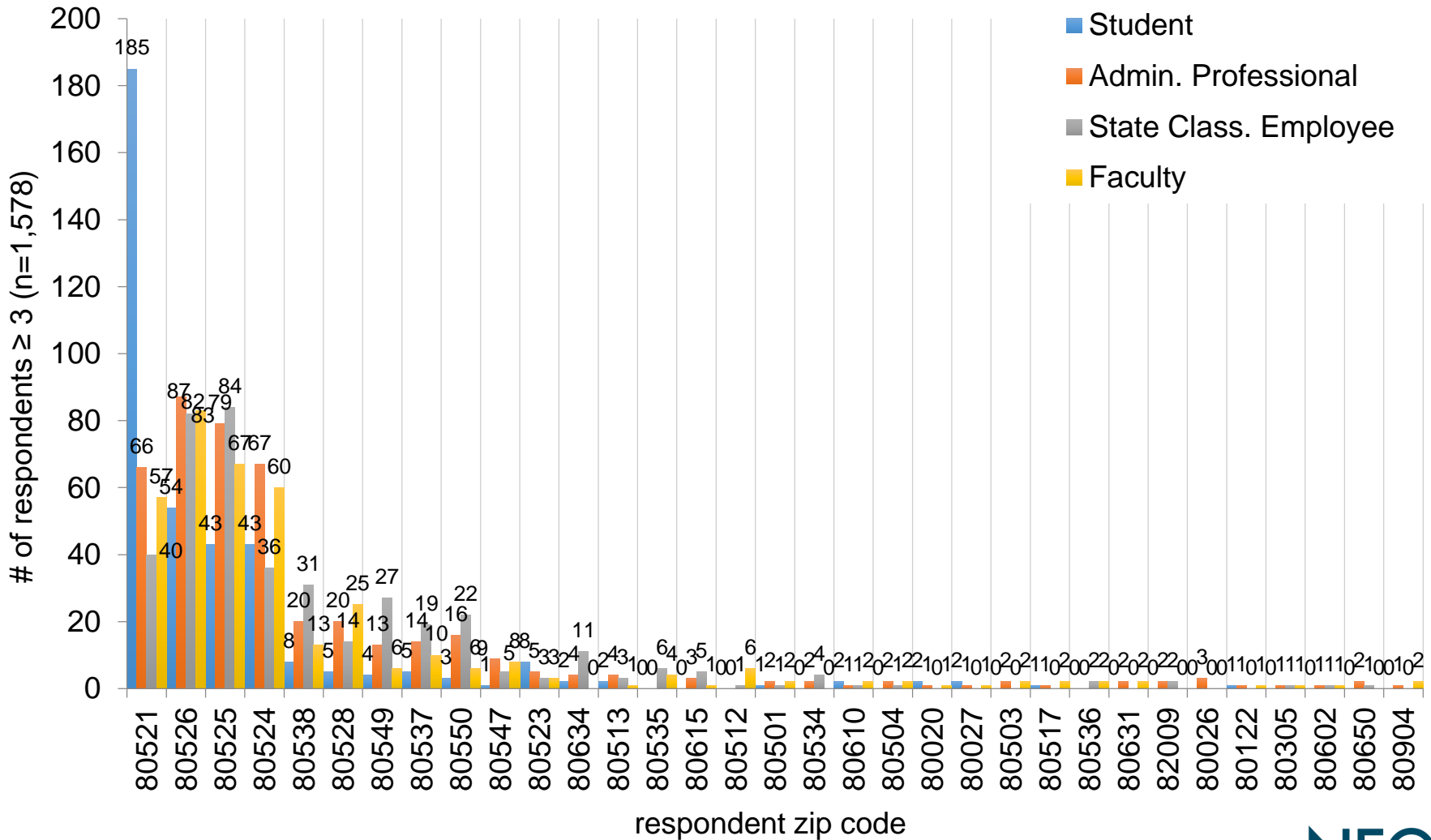


# ZIP CODES

# ZIP CODES OF ALL RESPONDENTS

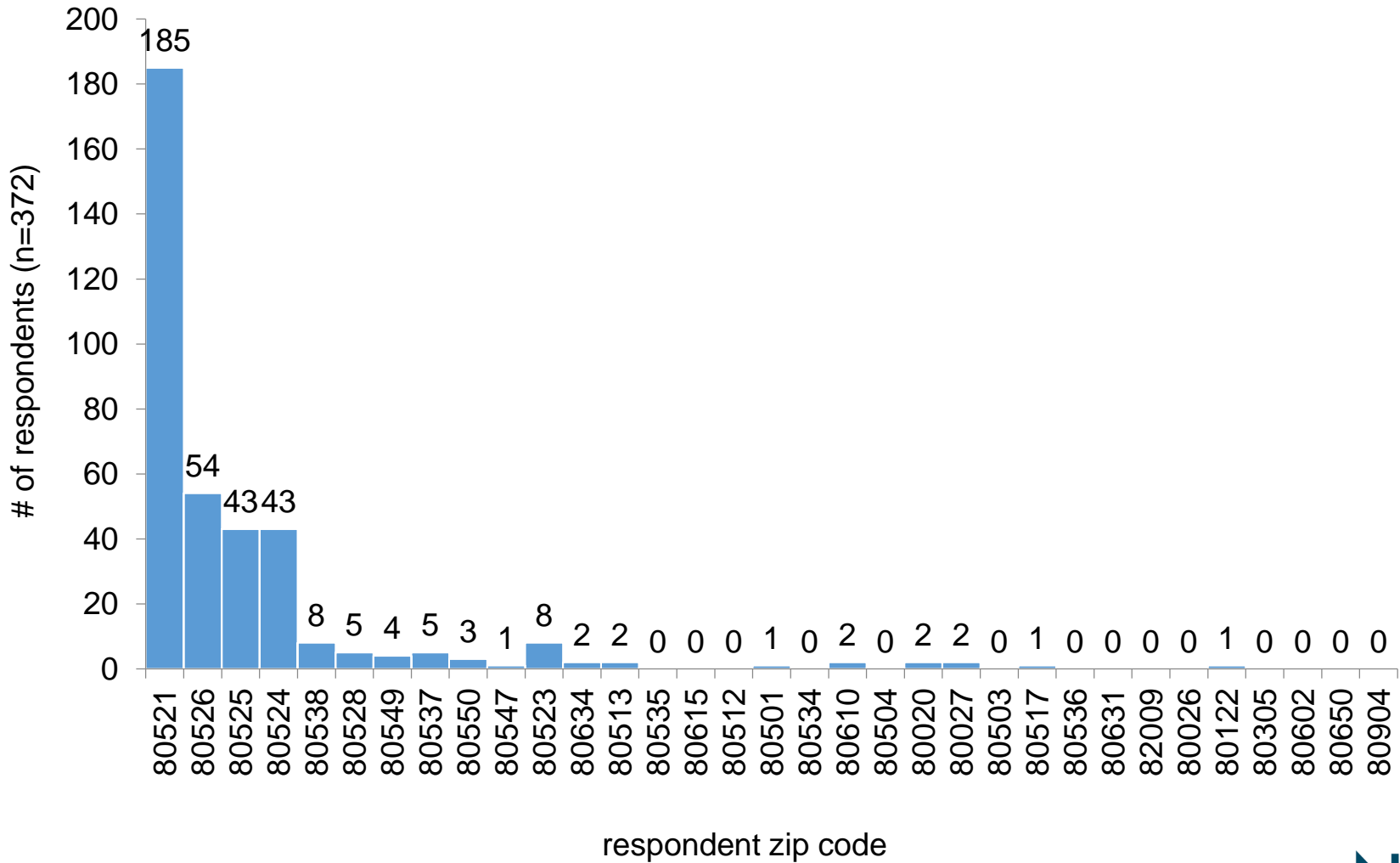


# WHAT IS THE ZIP CODE OF YOUR CURRENT RESIDENCE?

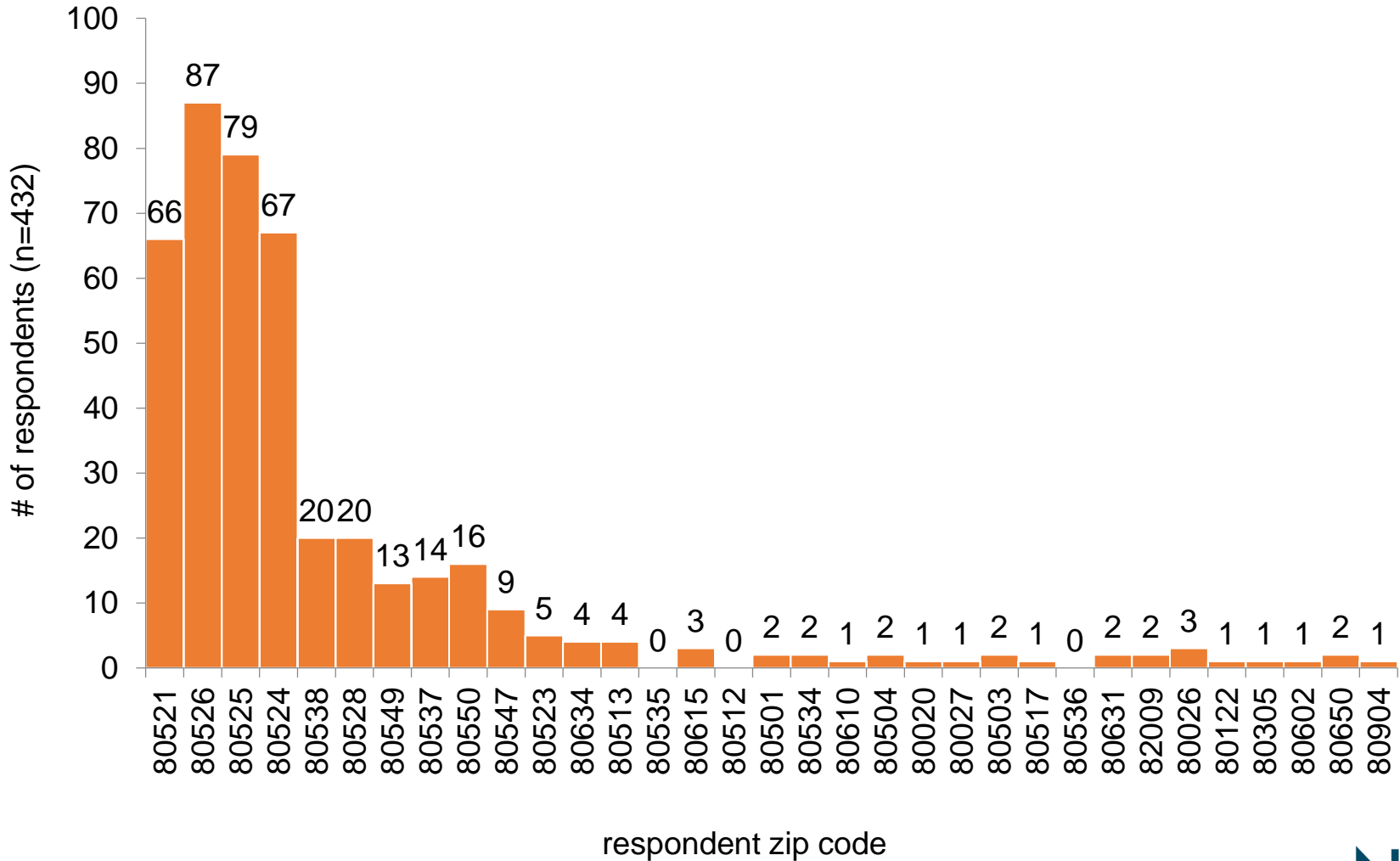




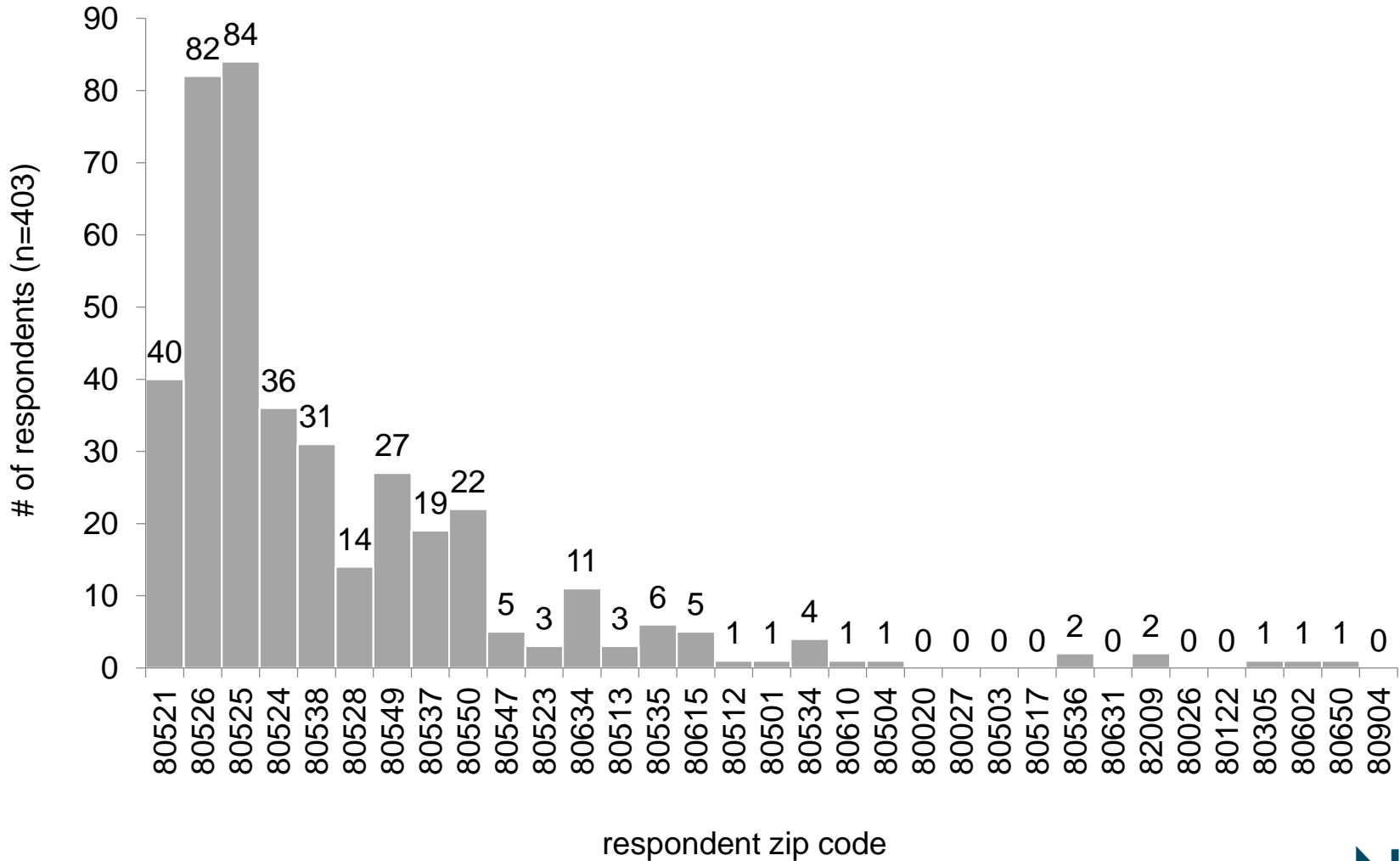
# ZIP CODES OF STUDENTS



# ZIP CODES OF ADMINISTRATIVE PROFESSIONALS



# ZIP CODES OF STATE CLASSIFIED EMPLOYEES



# ZIP CODES OF FACULTY

