

2013

K-10 Connector Survey interim report



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Table of Contents

Executive Summary	3
Introduction.....	4
Preliminary Survey results.....	5
Question 1: What city do you live in?	5
Question 2: What is your zip code?	5
Question 3: Which of the following best describes you?	5
Question 4: Where were you coming from when you boarded this bus?	7
Question 5: Where did you board this bus?.....	7
Question 6: How did you get to this bus?.....	7
Question 7: Where will you get off this bus?	8
Question 8: After getting off this bus, how will you get to your final destination?	9
Question 9: Where are you going?.....	9
Question 10: How often do you ride the K-10 Connector?	10
Conclusion	10
Table 1. EB and WB trips surveyed.....	4
Table 2. The cities mostly answered by participants	5
Table 3. Where people were coming from at time of boarding	7
Table 4. Where respondents boarded the bus	7
Table 5. How respondents got to the stop.....	8
Table 6. Where people were alighting the bus.....	8
Table 7. How respondents were reaching the final destination	9
Table 8. Where respondents were going.....	9
Table 9. How often people ride.....	10
Figure 1. Number for each answer to question 3	6
Figure 2. Affiliation of passengers.....	6

Executive Summary

A total of 479 people answered the survey that was conducted on November 13th and November 18th through the 22nd. From the 479 surveys, 414 (86%) were students and 33 were faculty at the University of Kansas (KU) or Johnson County Community College (JCCC). Out of the 447 respondents that go to work or school at JCCC or KU, 239 (53%) were affiliated with KU, and 194 (43%) were students or faculty at JCCC. The survey found a total of 170 JCCC students/faculty/staff that live in Lawrence and 130 KU students/faculty/staff that live in Overland Park that use the K-10 connector on a regular basis. It is estimated that around 26% of riders answered the survey. Taking into account the response rate and the data gathered from the survey it can be concluded that most riders of this service are students/faculty or staff whose destination is JCCC or KU. Though the survey shows that the majority of respondents were affiliated with KU, it can be estimated that JCCC and KU attract about 50% each of riders. This point is further reinforced by the fact that surveyors noted that the JCCC stop was the busiest stop along the route.

Introduction

The K-10 Connector was surveyed on Wednesday, November 13th and the week of November 18th through the 22nd. The team of 4 students surveyed a total of 80 trips; 40 eastbound trips and 40 westbound trips. Table 1 shows the departure times for each trip and the days that they were surveyed.

Table 1. EB and WB trips surveyed

E (to O.P.)	Day surveyed	W (to Lawrence)	Day surveyed
6:05 AM	T, W	7:00 AM	T, W
8:05 AM	T, W, F	9:00 AM	T, W, F
6:35 AM	M, F	7:30 AM	M, F
8:35 AM	M, F	9:30 AM	M, F
7:05 AM	M, TH	8:00 AM	
7:35 AM	TH.	8:30 AM	TH.
9:35 AM	TH	10:30 AM	TH
10:35 AM	T	11:30 AM	T
1:35 PM	M,W,F	2:30 PM	M,W,F
3:35 PM	M,WX2,F	4:30 PM	M,WX2,F
2:35 PM	T, W, F	3:30 PM	T, W, F
4:35 PM	T, W, F	5:30 PM	T, W, F
4:05 PM	T, W, TH	5:00 PM	T, W, TH
5:05 PM	M, T, W, TH, F	6:00 PM	M, T, W, TH, F
8:05 PM	W	9:10 PM	W
9:05 PM	M, T, TH	10:10 PM	M, T, TH
6:05 PM	W	7:10 PM	W

Table 1 points out that the trips that were surveyed the most are in the afternoon and evening. The bus departing at 5:05 pm is usually full of students getting out of school. There were a total of 479 surveys filled out. The team noted that a total of 809 people didn't want to take the survey and there were 208 occasions where the person claimed that they already took the survey. This means that 32 percent of people asked responded to the survey. The percentage might be somewhat overestimated because a head count of all passengers on the bus was not annotated by all surveyors. Where surveyors kept a count of the passengers boarding and alighting, the response rate was 26 percent.

Preliminary Survey results

The following subsections show the answer rates in to each question on the survey.

Question 1: What city do you live in?

A total of 18 cities were answered, and two respondents chose to not answer the question.

Table 2 shows the most common answers given by respondents.

Table 2. The cities mostly answered by participants

City	Total
Lawrence	243
Overland Park	140
Olathe	40
Shawnee	13
Lenexa	10
Kansas City	12
Prairie Village	4

In addition to the cities in Table 2, cities that passengers come from are: Lenexa, Baldwin, DeSoto, Eudora, Gardner, Leawood, Marion, Merriam, Oskaloosa, Ottawa, Stillwel, and Westwood.

Question 2: What is your zip code?

Only 11 out of the 479 respondents didn't answer this question, and there were a total of 43 different zip codes written down by surveyors.

Question 3: Which of the following best describes you?

Most of the respondents described themselves as full-time students. When a survey respondent answered that they were attending both KU and JCCC, the surveyors noted them as part-time students for both schools. Figure 1 shows the overall numbers for each answer.

Which best describes you?

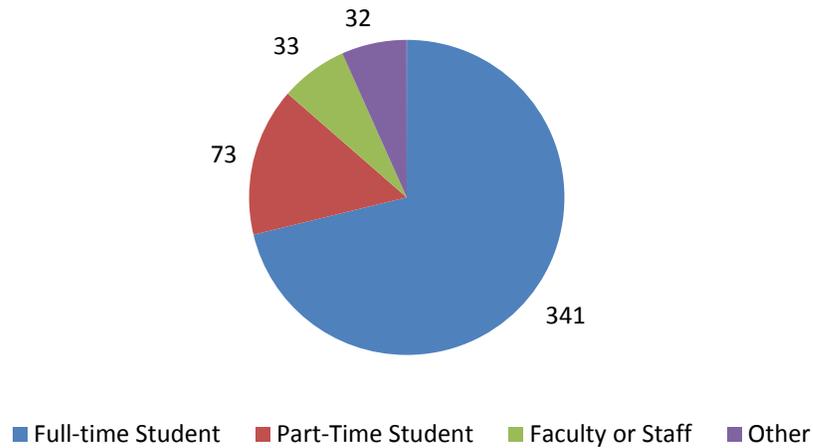


Figure 1. Number for each answer to question 3

From Figure 1 it can be seen that about as many faculty (33) were surveyed as people who claimed other (32). When surveyors marked other, 23 respondents did not specify what describes them, 4 respondents said that they use it for work but they don't work for either KU or JCCC, and 5 were using the bus for social visits. Figure 2 shows the institution that students/faculty were associated.

Question 3

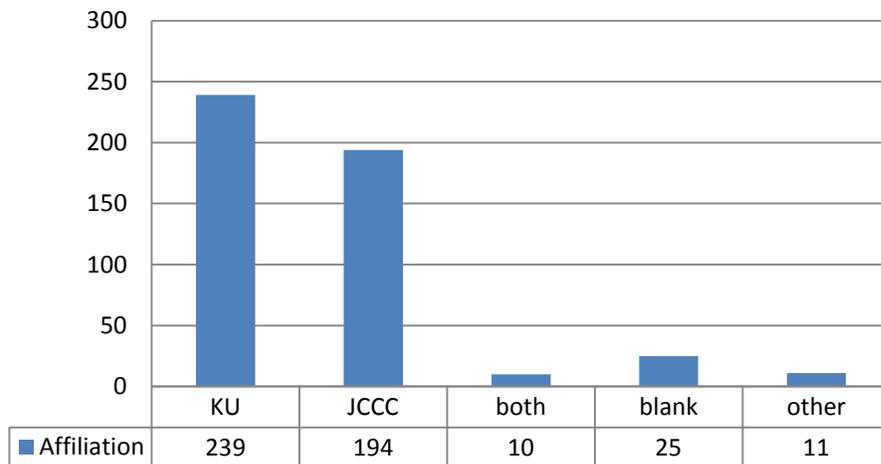


Figure 2. Affiliation of passengers

From Figure 2 it can be noted that most of the people surveyed were associated with KU, whether they were faculty, staff, or students. The 10 respondents that were marked as both were students that were taking classes at both schools.

Question 4: Where were you coming from when you boarded this bus?

Table 3 shows where people were coming from when they boarded the bus.

Table 3. Where people were coming from at time of boarding

Where were you coming from when you boarded the bus?	Total
Home	227
School	206
Work	38
Other	8

As Table 3 shows, most people were coming from home or school at the time that they were surveyed.

Question 5: Where did you board this bus?

The following table shows where the people surveyed boarded the bus.

Table 4. Where respondents boarded the bus

Where did you board this bus?	total
KU-Edwards	63
JCCC	154
KU-Lawrence	95
19th and Naismith	78
23rd and Naismith	46
19th and Haskell	42
blank	1

Johnson County Community College was the stop where most surveyed respondents boarded the bus. Most of the respondents whose first trip of the day started at JCCC drove their car to the stop. Table 5 in the next subsection refers to how people go to their stop. The KU-Lawrence stop refers to the Park and Ride Lot at the KU campus.

Question 6: How did you get to this bus?

Table 5 shows how respondents got to their stop.

Table 5. How respondents got to the stop.

How did you get to this bus stop?	Total
Drove or Rode car	228
Bicycled	3
Walked	188
Bus	59
Other	0
Blank	1

Most people drove, or were dropped off before boarding. Out of the 59 people that rode a bus to get to their stop; 47 rode the 41 Park and Ride, 2 rode the 42. 1 rode route 11, 6 used a JC metro route, and 2 did not specify which bus. Out of the two that didn't specify which bus they used, 1 boarded at the JCCC, and the other boarded at the KU-Lawrence stop. Most of the people that walked to the stop were coming from school going home, and they boarded at the 19th and Naismith stop or the JCCC stop. Most of the people that drove the car boarded at JCCC, 23rd and Naismith, or 19th and Haskell. More specific numbers can be looked up if this is a point of interest.

Question 7: Where will you get off this bus?

The following table shows where people were planning to alight the bus.

Table 6. Where people were alighting the bus

Where will you get off?	Total
KU-Edwards	71
JCCC	194
KU-Lawrence	104
19th and Naismith	24
23rd and Naismith	43
19th and Haskell	16
23rd and Haskell	26
23rd and Harper	1

The JCCC and KU-Lawrence stop is where most travelers answered that they were getting off.

Question 8: After getting off this bus, how will you get to your final destination?

The following table shows how respondents were planning to get to their final destination.

Table 7. How respondents were reaching the final destination

After getting off the bus, how will you get to your final destination?	Total
Drive or Ride car	214
Bicycle	0
Walk	182
Bus	81
Other	2

Almost all people that were driving or riding a car to get to their final destination were coming from school or work, and their destination was home. Most people that were walking to their destination were alighting at JCCC and walking to class. Exact numbers can be looked up if this is a point of interest.

Question 9: Where are you going?

The following table shows the purpose of the trip.

Table 8. Where respondents were going.

Where are you going?	total
Home	224
School	214
Work	32
Church	0
Medical Appointment	0
Social Recreation	5
Shopping	1
Other	3

Most respondents were going home or to school when surveyed. There 3 people that responded “other” were visiting family or loved ones.

Question 10: How often do you ride the K-10 Connector?

The following table shows how often respondents ride the K-10 Connector.

Table 9. How often people ride

How often do you ride the K-10 Connector?	total
Less than once a month	12
1-5 times monthly	32
5-10 times monthly	74
10-20 times monthly	172
Every weekday	189

It must be noted that on occasion when a student was being surveyed, they pointed out that usage depended on class schedule. If the classes that they were taking had to be attended once or twice a week then their usage of the K-10 connector would be reduced for that semester.

Conclusion

Though not all trips were able to be surveyed every day, more than half were boarded by surveyors. Specific numbers can be reduced according to the questions raised by us or our committees. This report only shows the general numbers and percentages to each question.