Eco Visio Summary January to July 2025

HBTN Samoa

January to April

Between January and April, the HBTN Samoa counter recorded 6,234 pedestrians and 5,767 cyclists traveling toward Samoa Blvd. On average, the counter recorded 52 pedestrians and 48 cyclists per day during this period. The peak for a single day was 142 and 134 for pedestrians and cyclists respectively. The busiest day for pedestrian travel was Tuesday, while Saturday saw the highest number of cyclists. (Table 1)

During the same period, the counter recorded comparatively lower travel toward the Arcata Marsh, with 4,883 pedestrians and 4,184 cyclists. Daily averages were also lower, at 41 pedestrians and 35 cyclists. Both pedestrian peak and cyclist peak were noted to be lower at 113. However, the busiest days remained the same. (Table 1)

Table 1: Summary for Samoa Counter from the January to April.

Flow	Total	Daily Average	Peak Day	Peak Count	Peak day of the week
Pedestrian IN (Towards Samoa Blvd)	6,234	52	4/20/2025	142	Tuesday
Pedestrian OUT (Towards AMWS)	4,883	41	4/14/2025	113	Tuesday
Cyclist IN (Towards Samoa Blvd)	5,767	48	4/20/2025	134	Saturday
Cyclist OUT (Towards AMWS)	4,184	35	3/29/2025	113	Saturday

The distribution of travelers was nearly even, with pedestrians accounting for 53% and cyclists making up the remaining 47%. (Figure 1)

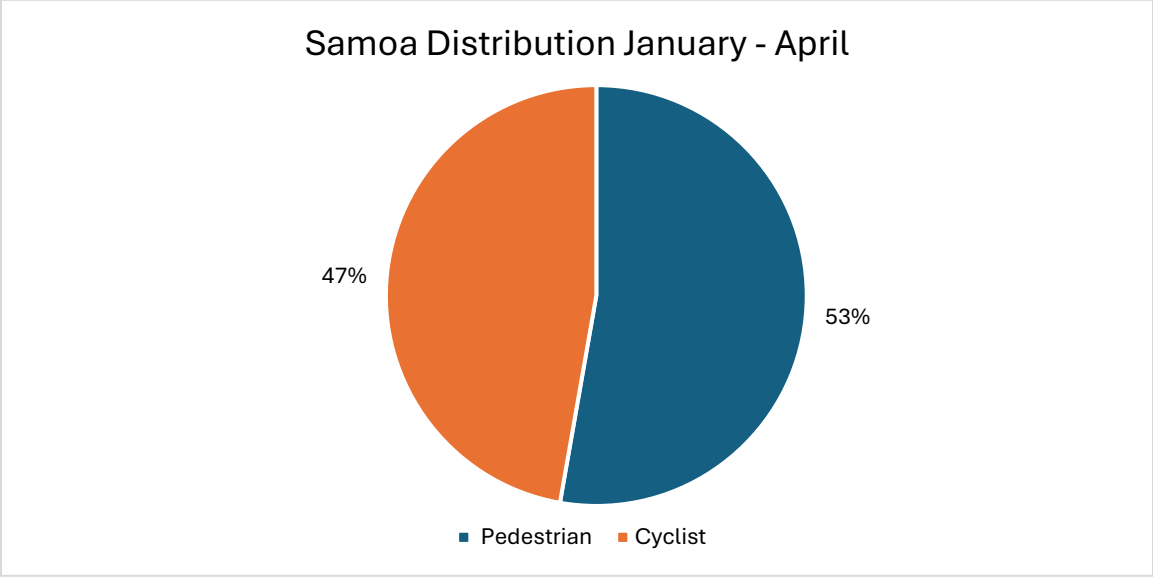

Figure 1: Samoa counter distribution of types of travel from January to April.

In the first quarter, the Samoa counter saw fewer pedestrians and cyclists in February compared to January. Counts increased in March and kept rising into April. April had peak counts, with 3,809 pedestrians and 2,932 cyclists. (Figure 2)

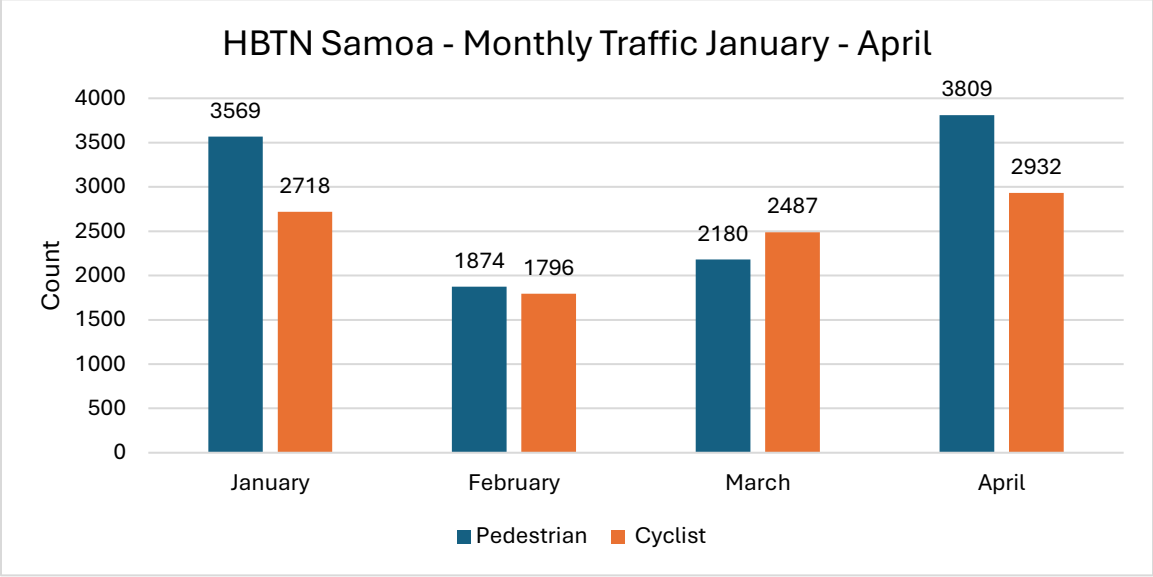

Figure 2: Samoa counter monthly counts for pedestrians and cyclists from January to April.

May to June

It is important to note that, due to an error, the counter was not functioning for half of June. Between May and June, the HBTN Samoa counter recorded a total of 4,874 pedestrians and 3,157 cyclists traveling toward Samoa Blvd. On average 80 pedestrians and 52 cyclists traveled per day during that period. The highest single-day counts were 199 pedestrians and 118 cyclists. The busiest day for pedestrian traffic was Thursday, while Tuesday had the highest number of cyclists. (Table 2)

During the same period, the counter recorded comparatively lower travel toward the Arcata Marsh, with 2,965 pedestrians and 2,678 cyclists. Daily averages were also lower, at 49 pedestrians and 44 cyclists. Both pedestrian peaks and cyclist peaks were 86 and 95 respectively. The busiest day for cyclists remained the same; however, the peak day for pedestrians shifted to Wednesday. (Table 2)

Table 2: Summary for Samoa Counter from the May and June.

Flow	Total	Daily Average	Peak Day	Peak Count	Peak day of the week
Pedestrian IN (North towards Samoa Blvd)	4,874	80	6/14/2025	199	Thursday
Pedestrian OUT (South towards AMWS)	2,965	49	5/16/2025	86	Wednesday
Cyclist IN (North towards Samoa Blvd)	3,157	52	5/2/2025	118	Tuesday
Cyclist OUT (South towards AMWS)	2,678	44	5/31/2025	95	Tuesday

Pedestrians accounted for 57% of travelers, while cyclists made up the remaining 43% (Figure 3). This represents an increase in the proportion of pedestrians compared to the previous quarter.

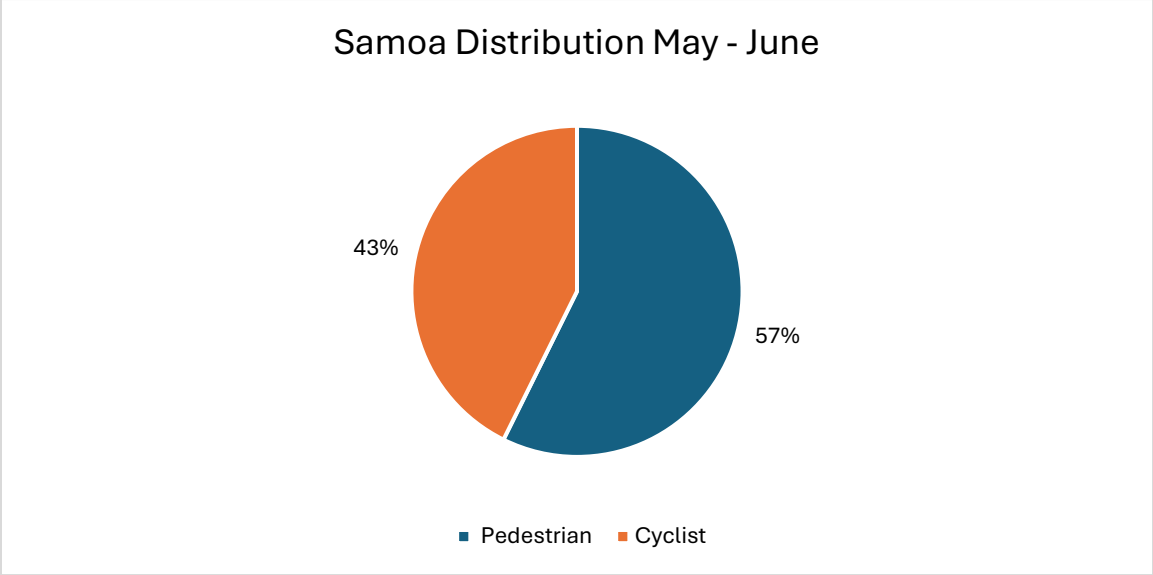

Figure 3: Samoa counter distribution of types of travel from May and June.

Following the trends observed in the previous quarter, there was an increase in both pedestrian and cyclist counts during the month of May. However, a decrease was recorded in June (Figure 4). This drop can be attributed to a mid-June error that caused the counter to stop recording. Given that only half of June nearly matched May's counts, it is reasonable to estimate that June would have also shown an increase in traffic had the full month been recorded.

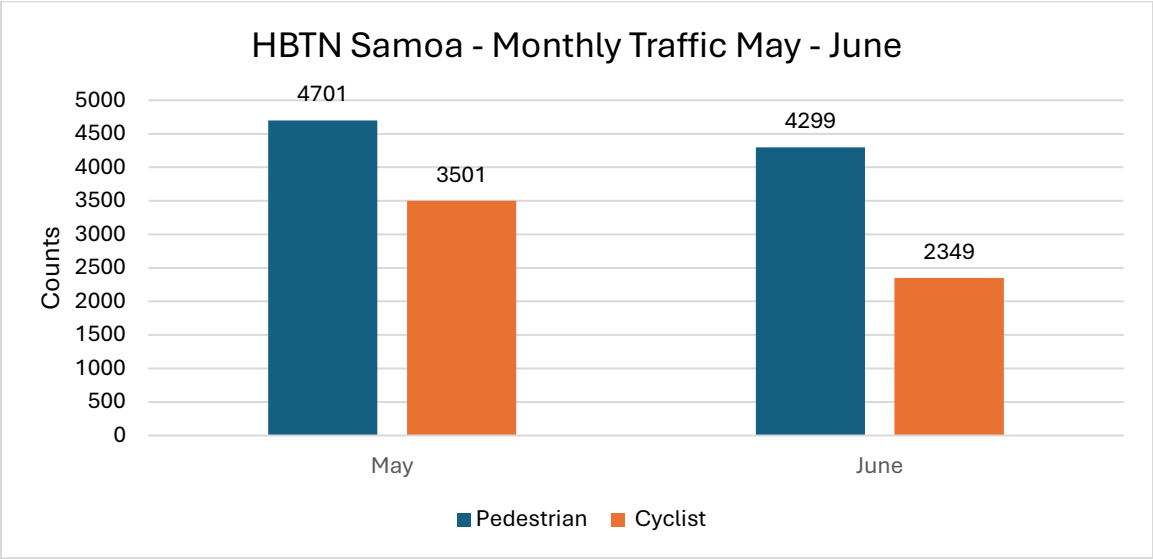

Figure 4: Samoa counter monthly counts for pedestrians and cyclist from May and June.

CorpYard

January to April

Between January and April, the CorpYard counter recorded 12,252 pedestrians and 5,767 cyclists traveling towards Eureka. On average, the counter recorded 102 pedestrians and 36 cyclists per day during this period. The peak for a single day was 185 and 114 for pedestrians and cyclists respectively. The busiest day for pedestrians and cyclists was Saturday. (Table 3)

During the same period, the counter recorded lower travel toward the Arcata Marsh, with 11,432 pedestrians and 3,833 cyclists. Daily averages were also lower, at 41 pedestrians and 35 cyclists. Pedestrians and cyclist peak count were 171 and 100 respectively. However, the busiest days remained the same. (Table 3)

Table 3: Summary for CorpYard Counter from January to April.

Flow	Total	Daily Average	Daily Median	Peak Day	Peak Count	Peak day of the week
Pedestrian IN (Southeast towards Eureka)	12,252	102	107	3/18/2025	185	Saturday
Pedestrian OUT (Northwest towards AMWS)	11,432	95	100	3/18/2025	171	Saturday
Cyclist IN (Southeast towards Eureka)	4,330	36	34	4/5/2025	114	Saturday
Cyclist OUT (Northwest towards AMWS)	3,833	32	31	4/13/2025	100	Saturday

Pedestrians accounted for majority of counts with 74%, while cyclists made up the remaining 26% (Figure 5).

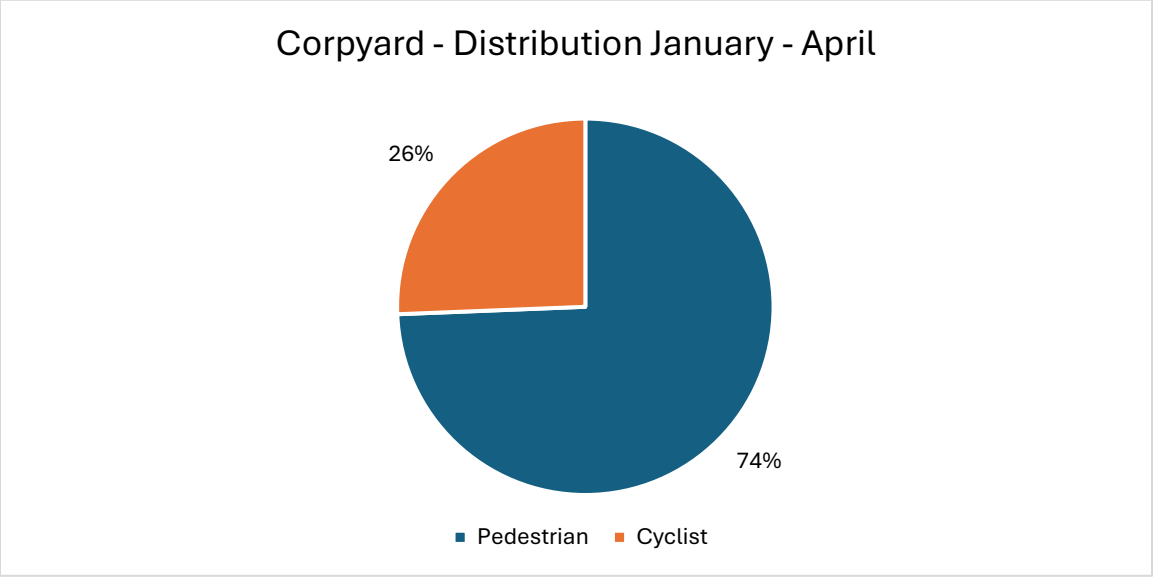

Figure 5: CorpYard counter distribution of types of travel from January to April.

In the first quarter, the CorpYard counter saw fewer pedestrians and cyclists in February compared to January. Counts slightly increased in March and kept rising into April. January had the peak counts, with 6,943 pedestrians and 2,146 cyclists. (Figure 6)

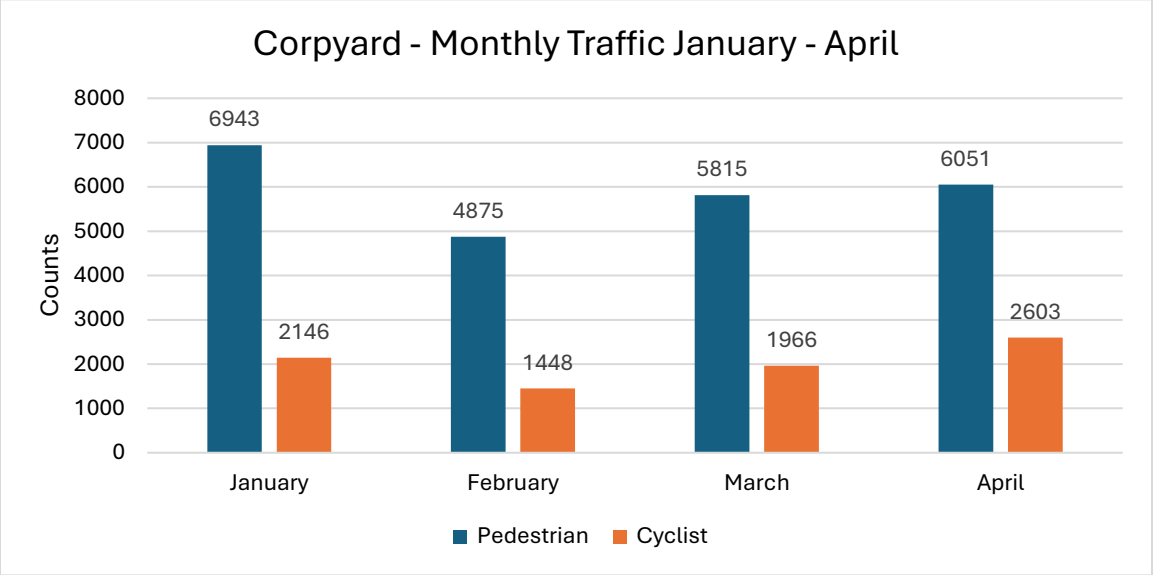

Figure 6: CorpYard counter monthly counts for pedestrians and cyclists from January to April.

May to June

Between May and June, the CorpYard counter recorded a total of 6,439 pedestrians and 5,180 cyclists traveling toward Samoa Blvd. On average 106 pedestrians and 85 cyclists traveled per day during that period. The highest single-day counts were 230 pedestrians and 943 cyclists. The busiest days for both pedestrians and cyclists were Saturday. (Table 4)

During the same period, the counter recorded comparatively lower travel toward the Arcata Marsh, with 5,309 pedestrians and 4,521 cyclists. Daily averages were also lower, at 49 pedestrians and 44 cyclists. Both pedestrian peaks and cyclist peaks were 86 and 95 respectively. The busiest day for cyclists remained the same; however, the peak day for pedestrians shifted to Monday. (Table 4)

Both pedestrian and cyclist traffic experienced a notable peak on June 28th. Compared to the previous quarter, there has been a significant increase in cyclists. When compared to Quarter 1, Quarter 2 has already seen a substantial rise in cyclist numbers. surpassing the previous quarter's total with half the quarter remaining. These increases appear to correlate with the opening of the Humboldt Bay Trail. (Table 4)

Table 4: Summary for CorpYard Counter for May and June.

Flow	Total	Daily Average	Daily Median	Peak Day	Peak Count	Peak day of the week
Pedestrian IN (Southeast towards Eureka)	6,439	106	100	6/28/2025	230	Saturday
Pedestrian OUT (Northwest towards AMWS)	5,309	87	88	6/28/2025	159	Monday
Cyclist IN (Southeast towards Eureka)	5,180	85	61	6/28/2025	943	Saturday
Cyclist OUT (Northwest towards AMWS)	4,521	74	54	6/28/2025	766	Saturday

Pedestrian and cyclist numbers were nearly even. Both groups saw an increase compared to the last quarter; however, cyclist counts began to rise more rapidly by the end of June. Pedestrians accounted for 57%, while cyclists comprised the remaining 43% (Figure 7).

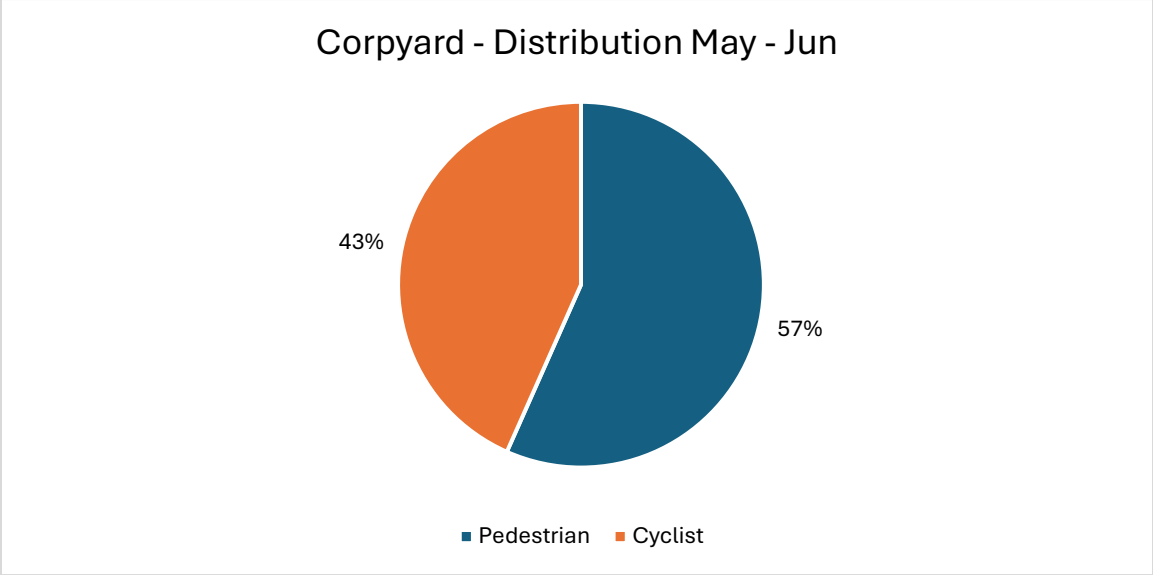

Figure 7: CorpYard counter distribution of types of travel from May and June.

As mentioned earlier, in the month of June, the CorpYard counter recorded a significantly higher number of cyclists compared to Quarter 1. Notably, this was the first time in 2025 that monthly cyclist traffic exceeded pedestrian traffic. May recorded the highest number of pedestrians at 7,047, while June saw the peak in cyclist counts at 6,582. (Figure 8)

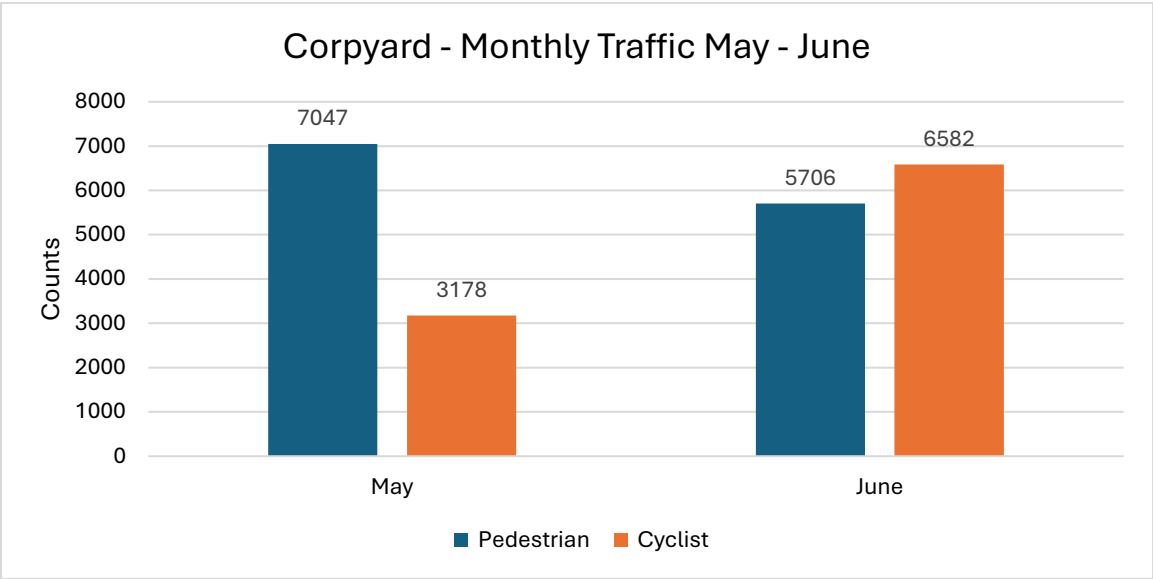

Figure 8: CorpYard counter monthly counts for pedestrians and cyclists from May and June.

July

July marked the first full month of data collection since the completion of the Humboldt Bay Trail, resulting in remarkable cyclist numbers. Notably, this was the first month in which cyclists surpassed pedestrians on daily average, total count, and peak traffic towards Eureka and the Arcata Marsh.

The counter recorded the highest travel of the monthly travel towards Eureka, with 3,676 pedestrians and 5,804 cyclists. Daily averages rose to 119 pedestrians and 187 cyclists. Peak counts were 175 for pedestrians and 329 for cyclists. The busiest day for both groups was Sunday. (Table 5)

Traffic toward the Arcata Marsh also reached record high, with a total of 3,496 pedestrians and 5,652 cyclists. Daily averages increased to 113 pedestrians and 182 cyclists, with peak counts of 151 and 335, respectively. The busiest day remained Sunday. (Table 5)

Table 5: Summary for CorpYard Counter for July.

Flow	Total	Daily Average	Daily Median	Peak Day	Peak Count	Peak day of the week
Pedestrian IN (Southeast towards Eureka)	3,676	119	118	7/20/2025	175	Sunday
Pedestrian OUT (Northwest towards AMWS)	3,496	113	112	7/13/2025	151	Sunday
Cyclist IN (Southeast towards Eureka)	5,804	187	157	7/6/2025	329	Sunday
Cyclist OUT (Northwest towards AMWS)	5,652	182	153	7/6/2025	335	Sunday

Both groups saw an increase compared to the last quarter; however, cyclists' counts began to rise more rapidly, eventually becoming the majority of travel recorded (Figure 9). Pedestrians accounted for 39%, while cyclists comprised the remaining 61% (Figure 10).

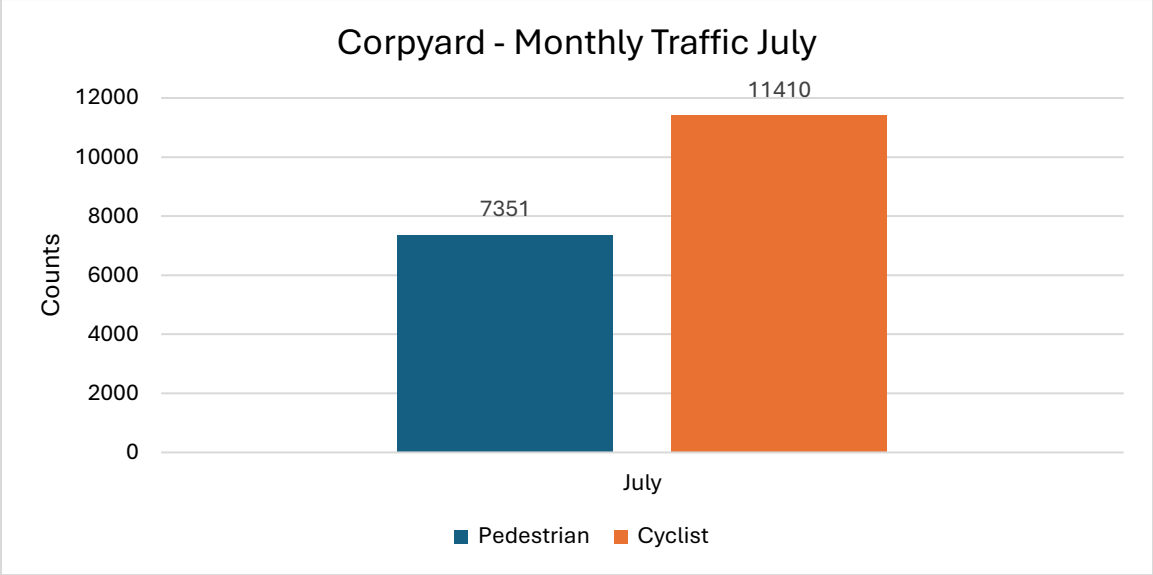

Figure 9: CorpYard counter monthly counts for pedestrians and cyclists from July.

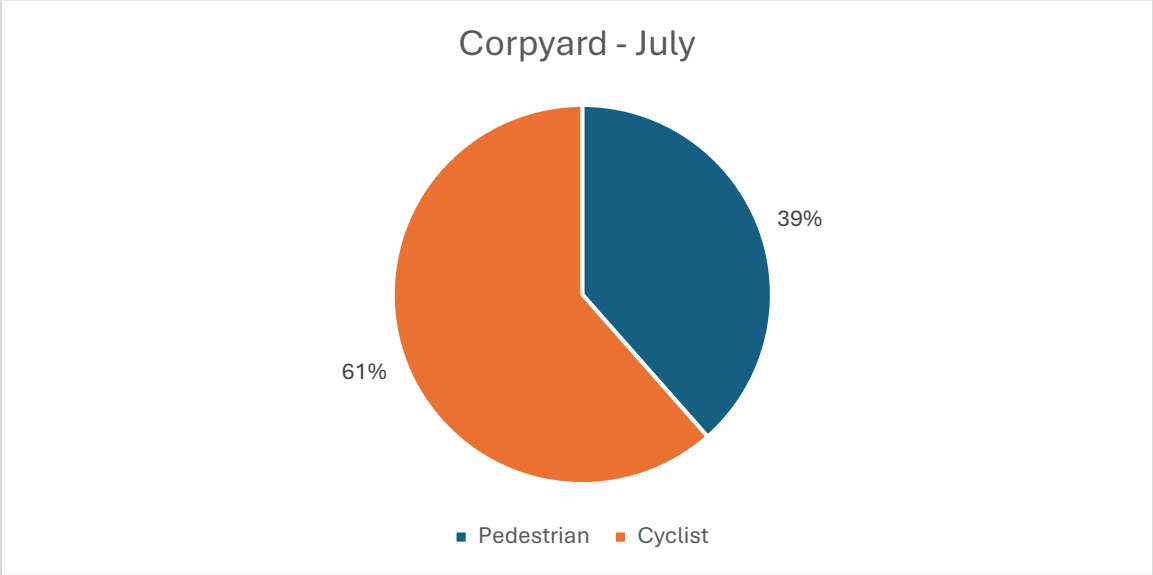

Figure 10: CorpYard counter distribution of types of travel for July.

Summary

Due to a malfunction with the Samoa counter, this summary will be using the data collected from the CorpYard location. Following the opening of the Humboldt Bay Trail in late June, the average daily number of cyclists increased significantly, rising from 100 in May to 369 in July, resulting in a 267% increase. Additionally, the yearly daily average rose from 70 in 2024 to the current YTD average of 156 in 2025, representing a 123% increase over the previous year's average. Since the trail's opening, daily cyclist counts have consistently exceeded pedestrian counts. Furthermore, cyclist volumes have remained above historical peaks seen in 2024 and 2025 for both cyclists and pedestrians, indicating a sustained increase in usage along the Arcata section of the Humboldt Bay Trail. (Figure 11 & 12)

Pedestrian activity has also increased, reaching levels comparable to previously recorded highs (Figure 12). Notably, there has been a consistent 16% increase in average daily pedestrian usage post-trial in the first half of 2025 and a 23% increase from the 2024 average. While the increase is smaller compared to cyclist data, the data indicates higher consistent pedestrian activity across the week. (Figure 11 & 12)

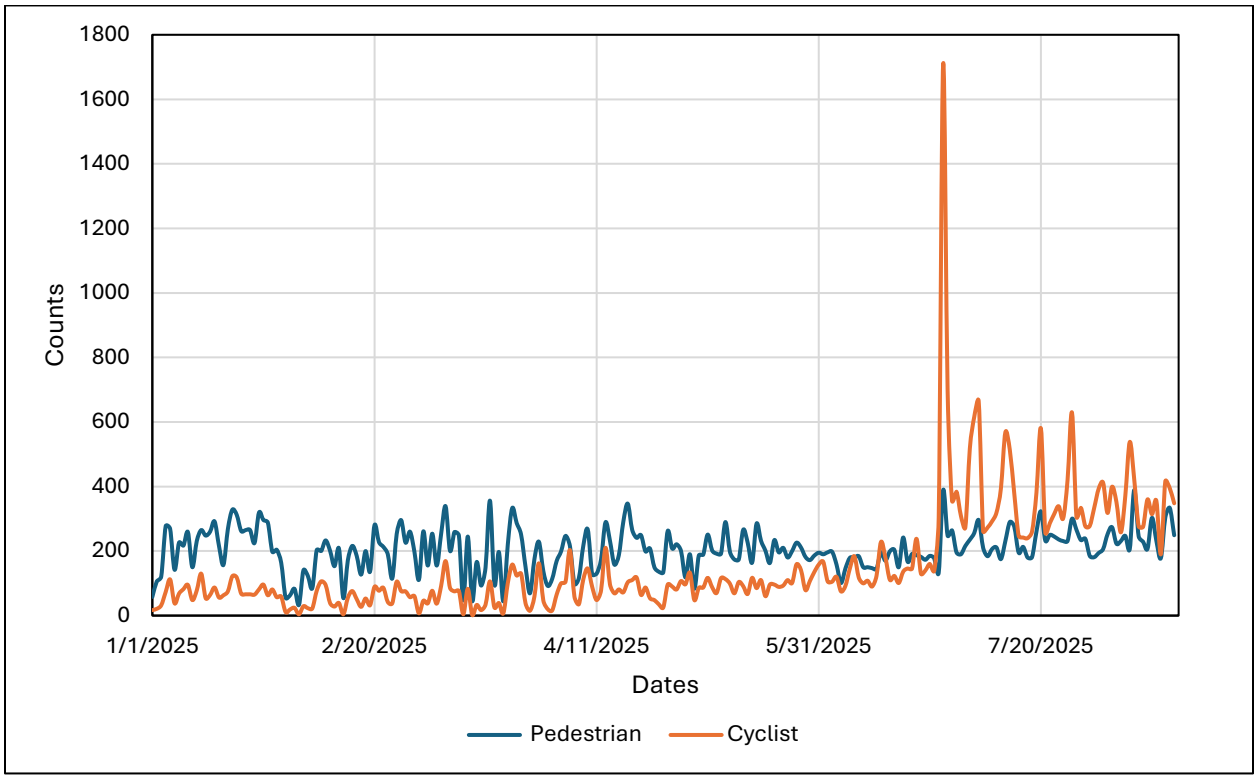

Figure 11: Dailly counts for the year 2025 from January 1st to August 19that the CorpYard counter.

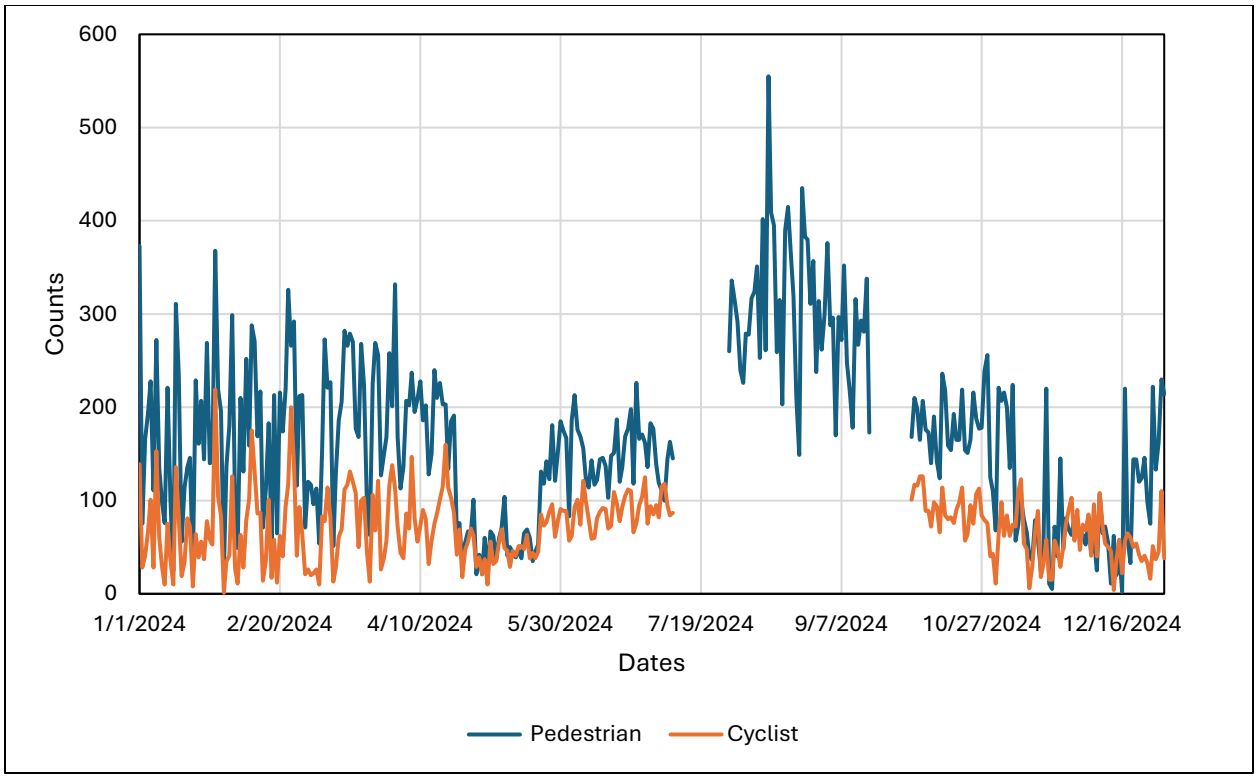

Figure 12: Dailly counts for the year 2024 from January 1st to December 31st at the CorpYard counter.

With the recent increase in cyclist activity, trail usage is becoming more balanced compared to the first half of the year and the complete year of 2024. However, given the consistent upward trend in cyclist counts, it is projected that cyclists will make up the majority of trail users by the end of the year reversing the 2024 distribution. (Figure 12)

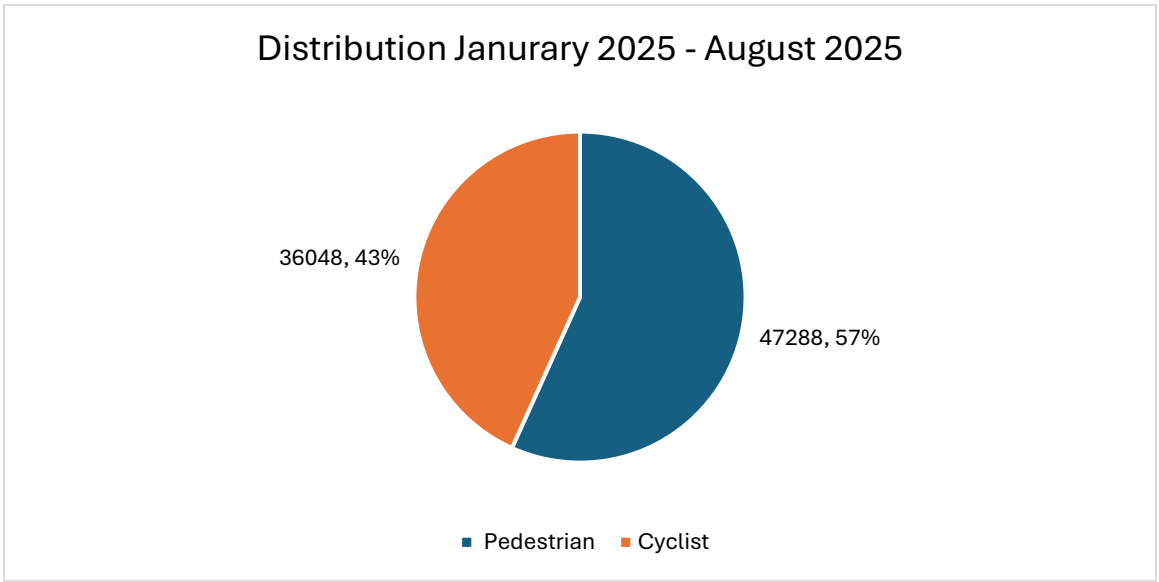

Figure 13: Distribution from January 1st, 2025, to August 15th, 2025, for total pedestrians and cyclists.

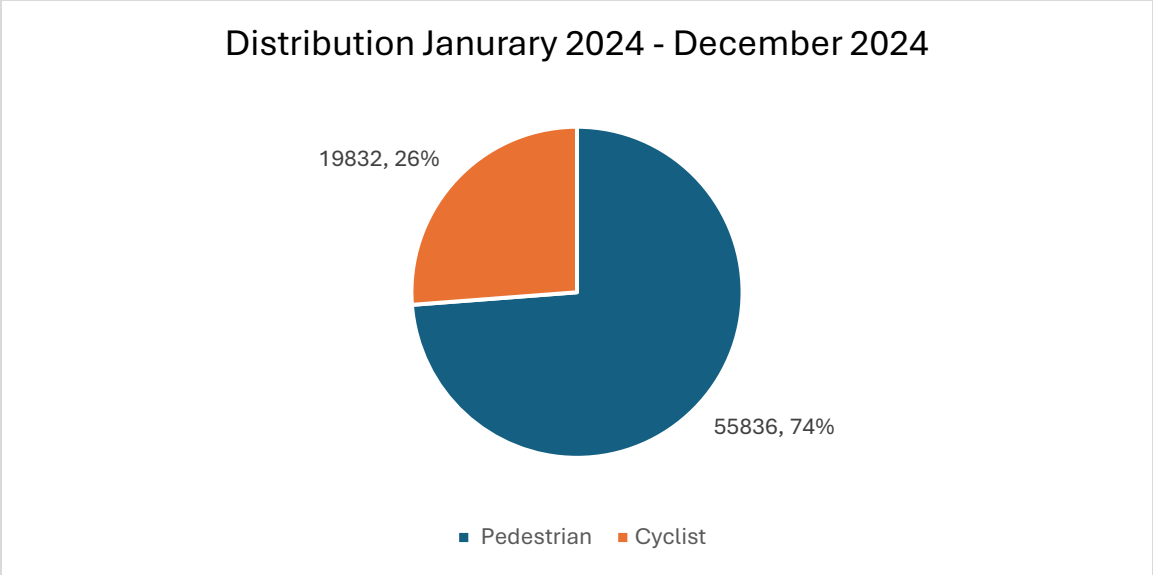

Figure 14: Distribution from January 1st, 2024, to December 15th, 2024, for total pedestrian and cyclists.

In conclusion, the completion of the Humboldt Bay Trail has significantly increased pedestrian and cyclist activity on the Arcata portion of the trail. Usage has risen by notable margins and, importantly, this increase has been sustained over nearly two months. The data suggests that this higher level of use has now stabilized and become a consistent pattern moving forward.