

De Anza College Office of Institutional Research, Planning & Accreditation

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Subject: Library Technology Loan User Demographics, Academic Year 2024-25

Overview

The De Anza Library wanted to gather demographics information on their technology check-out users from academic year 2024-25, and reached out to the Office of Institutional Research, Planning and Accreditation to perform the analysis.

Methodology

The library provided a list of 3,647 loan transactions from the 2024-25 academic year, categorized by item type and including user CWIDs. These CWIDs were then used to identify demographics for the 1,653 distinct students.

Findings

Loan Transactions: Calculators were the most commonly checked out item, and the winter term had the highest frequency of calculator loans. Overall, fall had the highest total number of transactions, followed by winter, spring, and then summer.

Table 1: Summary of all loan transactions by term and item type

TYPE	Summer	Fall	Winter	Spring	Grand Total
Calculator	121	630	727	601	2079
Chromebook	2	34	27	34	97
Hotspot	0	57	72	67	196
iPad	24	228	104	79	435
Laptop	52	311	221	256	840
Grand Total	199	1260	1151	1037	3647

Note: Four students were excluded from the demographic analysis because they were not enrolled in any courses during the term they borrowed.

Gender Demographics: Compared to campus demographics for 2024-25, female students were underrepresented in library technology loan users, whereas male students were overrepresented. Overall, male students comprised the majority of library technology loan users, and they were most likely to borrow a calculator, followed by laptop and iPad.

Table 2: Breakdown of users by reported gender and comparison to campus demographics

GENDER	Head Count	User Percent	Campus Percent
Female	780	44.77%	48.54%
Male	844	54.21%	49.21%
Unreported	29	1.02%	2.24%
Grand Total	1653	100.00%	100.00%

Table 3: Summary of distinct users by gender and item type

GENDER	Calculator	Chromebook	Hotspot	iPad	Laptop
Female	535	20	74	172	187
Male	602	28	80	187	202
Unreported	14	1	6	7	9
Grand Total	1151	49	160	366	398

Age Demographics: Younger students (under 25 years old) were overrepresented in library technology loan users, whereas older students (25 years or older) were underrepresented when compared to campus demographics for AY2025. Overall, students age 19 or less comprised the majority of library technology loan users, and they were most likely to borrow a calculator, followed by laptop and iPad.

Table 4: Breakdown of users by age group and comparison to campus demographics

AGE GROUP	Head Count	User Percent	Campus Percent
19 or less	908	56.42%	37.19%
20-24	495	31.17%	29.29%
25-29	100	4.82%	10.44%
30-34	48	2.26%	6.78%
35-39	33	2.34%	5.04%
40-49	42	1.88%	6.24%
50-59	15	0.71%	3.00%
60+	12	0.40%	2.02%
Grand Total	1653	100.00%	100.00%

Table 5: Summary of distinct users by age group and item type

AGE GROUP	Calculator	Chromebook	Hotspot	iPad	Laptop
19 or less	678	27	57	167	208
20-24	348	14	57	138	104
25-29	66	2	10	15	26
30-34	26	2	6	16	14
35-39	11	0	7	8	14
40-49	18	0	11	12	19
50-59	2	3	5	7	6
60+	2	1	7	3	7
Grand Total	1151	49	160	366	398

Ethnicity Demographics: Asian, Latinx, and White students were underrepresented in library technology loan users, whereas “Unreported” students were overrepresented when compared to campus demographics for AY2025. Overall, the largest group of library technology loan users were Asian students, and they were most likely to borrow a calculator and laptop. Unreported students were the second largest loan user group, and they were most likely to borrow a calculator and iPad.

Table 6: Breakdown of users by reported ethnicity and comparison to campus demographics

ETHNICITY	Head Count	User Percent	Campus Percent
Asian	593	35.16%	40.37%
Black	83	5.82%	3.61%
Filipinx	84	5.79%	5.69%
Latinx	337	15.46%	23.70%
Native American	11	0.66%	0.42%
Pacific Islander	9	1.42%	0.64%
Unreported	381	26.90%	6.44%
White	155	8.78%	19.14%
Grand Total	1653	100.00%	100.00%

Table 7: Summary of distinct users by ethnicity and item type

ETHNICITY	Calculator	Chromebook	Hotspot	iPad	Laptop
Asian	441	16	46	107	137
Black	35	3	36	35	18
Filipinx	61	3	5	8	27
Latinx	220	14	38	49	84
Native American	3	0	6	5	5
Pacific Islander	4	0	1	2	4
Unreported	281	6	15	135	79
White	106	7	13	25	44
Grand Total	1151	49	160	366	398