

The following analysis combines the SMCCCD Smartsheet and CAN Alma data student loan information from Spring 2020 through Fall 2022 that was extracted and submitted to the PRIE Office. Only Hotspot and Laptop rentals were investigated.

Below are the total loans by category for Cañada Home Campus students by term along with the totals.

Term	Hotspot	Laptop	Total Home Campus Students Borrowing Technology
Spring 2020	6	126	132
Summer 2020	13	24	37
Fall 2020	95	151	246
Spring 2021	40	69	109
Summer 2021	24	7	31
Fall 2021	55	71	126
Spring 2022	18	18	36
Summer 2022		7	7
Fall 2022		44	44

In order to look at demographic differences in technology loans, data was examined for complete academic years. There was a notable drop in technology loans for 2021-2022.

	2020-2021	2021-2022
Unique Students	372	168

When this data is broken out by technology type, both Hotspot and Laptop loans decreased, though laptop loans decreased more than hotspot loans.

	Hotspots		Laptops	
	2020-2021	2021-2022	2020-2021	2021-2022
Unique Students	144	86	235	91

Demographic differences are analyzed below across both years and technology type.

In the below tables, groups that borrowed technology less frequently compared to their proportion of Cañada home campus students are shaded in blue, while groups borrowing technology more frequently are shaded in orange. Groups highlighted in blue may indicate underserved groups or reduced need in these demographics.

For the hotspots, our youngest and oldest age groups were less likely to borrow a hotspot, while our 29-39 year old group was more likely to borrow the hotspots. A similar trend was seen with laptops, with younger students less likely to borrow a laptop than our students 29 to 49 years old.

Age	% of Cañada Home Campus Students		Age	% of Students Borrowing Hotspots		% of Students Borrowing Laptops	
	2020-2021	2021-2022		2020-2021	2021-2022	2020-2021	2021-2022
Age Under 18	3.9%	8.8%	Age Under 18	0.7%	1.2%	0.4%	0.0%
Age 18 - 22	35.6%	36.3%	Age 18 - 22	32.6%	30.2%	24.7%	44.0%
Age 23 - 28	22.4%	17.9%	Age 23 - 28	26.4%	17.4%	14.9%	11.0%
Age 29 - 39	19.8%	20.1%	Age 29 - 39	23.6%	26.7%	29.8%	25.3%
Age 40 - 49	9.2%	9.4%	Age 40 - 49	10.4%	16.3%	20.0%	13.2%
Age 50 - 59	5.8%	5.9%	Age 50 - 59	4.9%	9.3%	6.4%	5.5%
Age 60 +	3.3%	3.6%	Age 60 +	1.4%	1.2%	3.8%	2.2%

Our Not First Gen students were less likely to borrow any technology, while the First Generation were only more likely to borrow a hotspot in 2021-2022.

First Generation	% of Cañada Home Campus Students		First Generation	% of Students Borrowing Hotspots		% of Students Borrowing Laptops	
	2020-2021	2021-2022		2020-2021	2021-2022	2020-2021	2021-2022
First Generation	47.7%	49.9%	First Generation	51.4%	57.0%	51.1%	52.7%
Not First Generation	37.5%	36.0%	Not First Generation	11.8%	12.8%	12.3%	19.8%
Unreported	14.9%	14.1%	Unreported	36.8%	30.2%	36.6%	27.5%

For both technologies our Asian and White Non-Hispanic students were less likely to borrow, while our Hispanic students were more likely to borrow both technologies. Our Black students were more likely to borrow a laptop, while our Filipino students in 2021-2022 were more likely to borrow a hotspot

	% of Cañada Home Campus Students			% of Students Borrowing Hotspots		% of Students Borrowing Laptops		
Race/Eth	2020-2021	2021-2022		Race/Eth	2020-2021	2021-2022	2020-2021	2021-2022
American Indian /Alaskan Native	0.1%	0.2%		American Indian /Alaskan Native	0.0%	0.0%	0.0%	0.0%
Asian	11.1%	10.2%		Asian	4.2%	5.8%	5.5%	8.8%
Black - Non-Hispanic	2.7%	2.6%		Black - Non-Hispanic	0.0%	1.2%	4.7%	5.5%
Filipino	2.6%	2.4%		Filipino	2.1%	5.8%	3.0%	3.3%
Hispanic	45.8%	45.0%		Hispanic	71.5%	62.8%	61.7%	60.4%
Multiraces	4.7%	5.0%		Multiraces	3.5%	4.7%	3.4%	2.2%
Pacific Islander	1.1%	1.1%		Pacific Islander	0.7%	1.2%	0.9%	1.1%
Unknown	6.0%	5.5%		Unknown	12.5%	11.6%	11.1%	8.8%
White Non-Hispanic	25.8%	28.0%		White Non-Hispanic	5.6%	7.0%	9.8%	11.0%

Our Female students were more likely to borrow technology while our male students were less likely to borrow technology.

	% of Cañada Home Campus Students			% of Students Borrowing Hotspots		% of Students Borrowing Laptops		
Gender	2020-2021	2021-2022		Gender	2020-2021	2021-2022	2020-2021	2021-2022
Female	64.8%	62.8%		Female	75.0%	66.3%	74.0%	75.8%
Male	32.5%	34.0%		Male	22.9%	26.7%	22.6%	20.9%
Unreported	2.7%	3.2%		Unreported	2.1%	7.0%	3.4%	3.3%

Our Low Income students were more likely to borrow both technologies, while our Not Low Income were far less likely to borrow either technology.

	of Cañada Enrolled Students				% of Students Borrowing Hotspots		% of Students Borrowing Laptops	
	2020-2021	2021-2022			2020-2021	2021-2022	2020-2021	2021-2022
Low Income				Low Income				
Not Low Income	60.5%	60.8%		Not Low Income	22.9%	19.8%	24.7%	35.2%
Low Income	39.5%	39.2%		Low Income	77.1%	80.2%	75.3%	64.8%