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REFRIGERATED BEVERAGE VENDING MACHINE OUTDOOR LOCATION AND ELEVATED (90°F) OUTDOOR TEMPERATURE ANALYSIS

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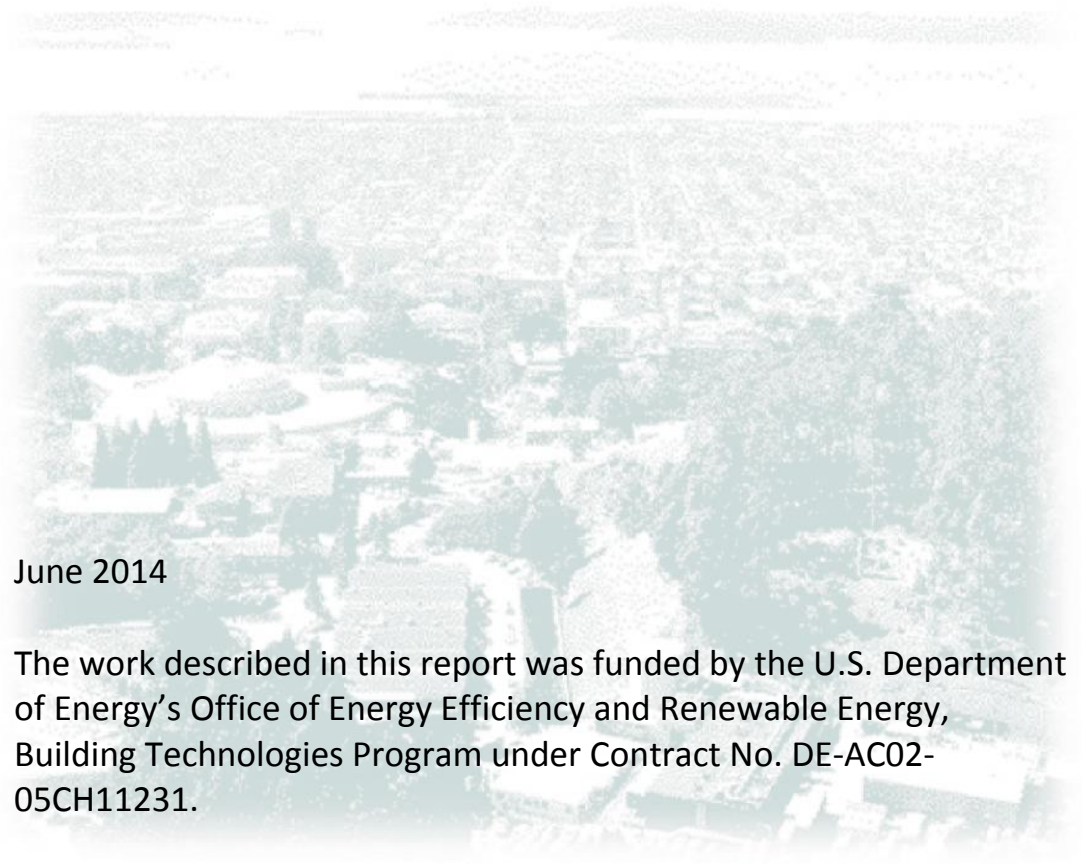

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COMMERCIAL REFRIGERATED BEVERAGE VENDING MACHINE OUTDOOR LOCATION AND ELEVATED (90°F) OUTDOOR TEMPERATURE ANALYSIS

Max Wei and Jeffery B. Greenblatt

July 8, 14

Summary

The purpose of this LBNL report is to document two findings: (1) the estimated fraction of beverage vending machines that are outdoors; and (2) the number of 90°F or hotter days that the overall population of BVM experiences in the course of an average year in the U.S. Based on a sampling of over 1000 BVMs located on college campuses around the country, we estimate that outdoor BVMs constitute 16% or less of the overall BVM population. We also find that the number of days hotter than 90°F for the overall population of BVM is very small (1.3%). The analysis is based on three years of annual cooling degree data (CDD) for 56 cities across the country.

Beverage Vending Machine Sampling from U.S. Campuses

The first question to be addressed is the number of BVM that are installed outdoors.

BVM are commonly found in factories, colleges, schools, hotels, and hospitals. Intuitively, we might expect that the bulk of BVMs are found indoors for a multitude of reasons: less risk of vandalism and theft, less maintenance requirements due to a more controlled environment, longer machine lifetimes, and ease of customer access.

Given the funding constraints of this work and the desire to obtain a preliminary result without a large survey or extensive market research, a web search was conducted for BVM locations. BVM locations and types of vending machines were found for six colleges and universities around the country. This data was freely available on the web as many colleges and universities offer information on facilities and/ or auxiliary dining services for their students and staff. It was also felt that campuses and large campuses in particular are fairly representative of the general BVM population since they have a mix of building types that mirror up some of the major markets for BVM above. Campuses typically have many office buildings, laboratory buildings that could be a proxy for small factories or industrial sites, parking facilities, residence buildings that mimic commercial lodging facilities, sports facilities, and medical facilities. On the other hand, colleges and universities might have a larger prevalence of outdoor BVM since they are generally in environments where people are circulating around and where overall security may be higher than in an average setting.

Results for this sampling of campus BVM are summarized in Table 1 and raw data is provided in the Appendix. Out of a total sample of 1106 vending machines, about two-thirds are found to be beverage vending machines. Of these, on average 15.5% are located outdoors. This data set samples from a range of states in the East, Midwest and Western U.S. and draw from both urban and suburban locations. Urban locations would be expected to have more indoor BVM. However, the bulk of data is from three large universities in relatively warm weather locations (University of North Carolina-Charlotte, UCLA, and University of Texas-Austin). This data set may thus skew the estimate of outdoor vending machines to a

higher percentage, so the true number may be slightly lower than 15%. (The three large campuses have 17.7% of their BVM located outdoors, so perhaps an upper limit for outdoor BVM is 20%). Nonetheless, we take the average percentage of outdoor vending machines at 16% for the 90°F analysis below. We take the total number of BVM in the U.S. at two million units based on data from the 2009 Final Rule (Federal Register, Vol. 74, No. 167, pp. 44914-44968) extrapolated to 2014, and assume that 16% or 320,000 of these units are outdoors (Table 2).

Table 1. Beverage vending machine location data based on sampling from U.S. colleges and universities. Note that the three large universities are all in warmer weather locations, so this estimate might be skewed to higher percentage of outdoor machines.

University or College	Location	Total VM	BVM	Pct. BVM	Outdoor BVM	Pct. Outdoor
UNCC	N.Carolina	189	126	67%	24	19%
UCLA	Los Angeles	350	199	*57%*	44	22%
UT-Austin	Texas	401	298	74%	42	14%
Columbia College	Chicago	57	30	53%	0	0%
Johnson Comm. College	Kansas	67	38	57%	0	0%
Miami University	Ohio	42	20	48%	0	0%
Average		1106	711	64%	110	**15.5%**

Note: UCLA % of BVM was not available and is assumed to be 57%, or the median value of the other colleges. (VM= vending machines; BVM = beverage vending machines).

Table 2. Assumptions for number of BVM in U.S. and outdoor fraction based on Table 1.

Total number of BVM	Outdoor Fraction	Outdoor BVM
2,000,000	16%	320,000

Elevated (90°F) Outdoor Temperature Analysis

CDD (90°F) is defined as the number of cooling degree days above 90°F for a particular location. For example, if the outside temperature was 2 degrees above the base temperature of 90°F for 2 days, there would be a total of 4 cooling degree days over that period. Note that there is a time dependence that is subsumed in this definition since temperatures in reality vary throughout the day. Moreover, a quoted CDD (90°F) is non-unique in the sense that the same example above could also have 4 cooling degree days over 2 days if one day had an average temperature of 94 degrees and the other day had temperatures that were strictly below 90 degrees. To the extent that the energy versus temperature response of cooling appliances can be nonlinear, the cooling energy requirement for the two cases above may not identical. Still, the CDD concept is helpful to simplify historical weather data, to provide useful comparisons between two different climate zones, and to normalize end use appliance energy consumption. A map of climate zones in the U.S. is shown in Figure 1. Note that the color contrast in this plot is driven by HDD and not CDD and that the "very hot" regions of the country are primarily localized in the Deep South and desert southwest.

A summary of the approach for estimating the fraction of 90°F days for BVM across the U.S. is shown in Table 3. The main idea is to pull city level data from each state as a proxy for the climate zone in that state and to estimate the number of 90°F days for each city from historical CDD data referenced to the base 90°F temperature.

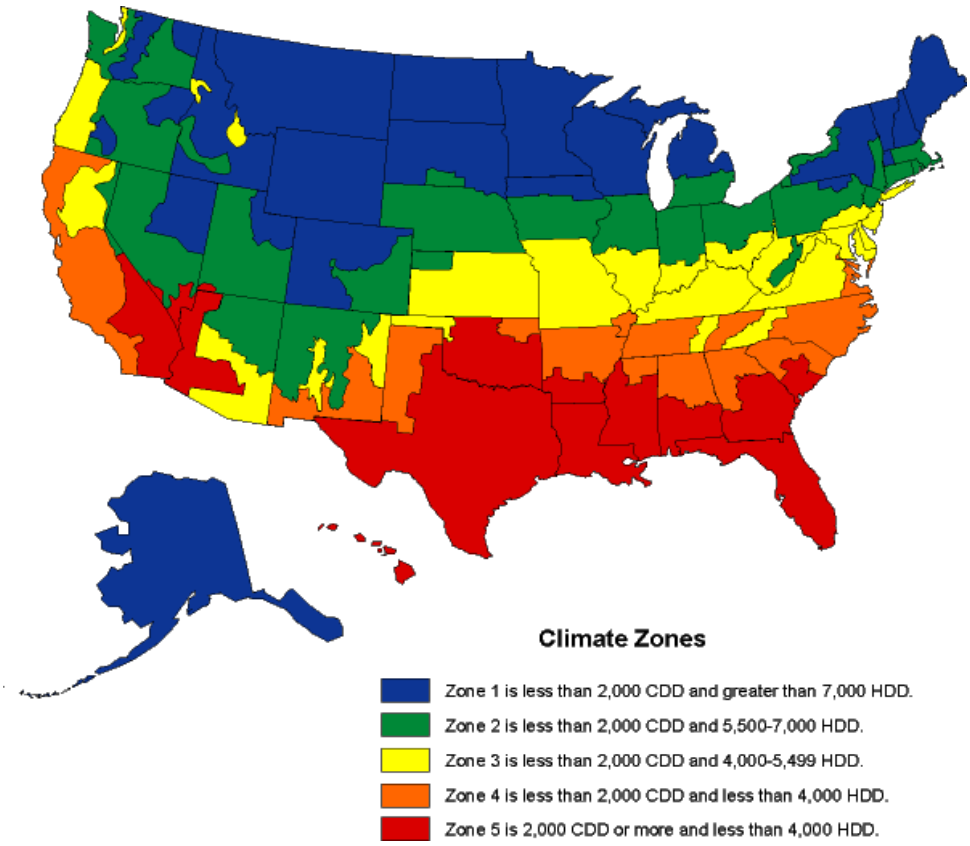

Figure 1. Climate zones for the U.S. (http://www.eia.gov/emeu/recs/origin/climzone.gif; Accessed 15 November 2013).

The first step from Table 3 below is to estimate the total number and number of outdoor BVMs by state. We assume a state population-weighted fraction of BVMs for each state and that 16% of BVMs are outdoors as in Tables 1 and 2 above. CDD data is pulled for the city with the highest population in each state from the www.degreedays.net website. An average of three historical years is taken (2010-2013). Several large states used multiple city data (Arizona, California, Missouri, Texas, and Washington) and an appropriate population weighting of CDD for those states. For example, Texas includes a population-weighted CDD for Houston, San Antonio and Dallas, the largest three cities in the state and California takes a population-weighted CDD for Central Valley and coastal cities. Other large states are represented by one city. For example greater than 80% of population of New York State is in the New York City area, and similarly large fractions of respective state population reside near Philadelphia, Pennsylvania and Las Vegas, Nevada.

The number of days above 90°F is estimated as follows. Any day with CDD(90°F) ≥ 1 is counted as one day but any day with CDD(90°F) < 1 is counted as a fractional day equal to its CDD value. For example, a day with CDD=2 is counted as one day but a CDD=0.2 is counted as only 1/5 of a day. Note that a finer grained analysis would look at the baseline energy consumption at operating temperatures below 90°F

and keep a tally and running sum of the increase in energy pegged to each increasing increment in CDD value. This would essentially calculate how much increase in BVM energy is due to hot summer days. As one indicator of how many "really hot days" there are in the course of a typical year, the average CDD value for 45/50 states is less than or equal to 1.3. This means that for approximately half of the "hot" days in these states, the average daily temperature is within a degree or two of 90°F. The five states with higher average CDD values are Arizona, Kansas, Oklahoma, Nevada, and Texas, which together constitute about 13.3% of the U.S. population. We thus did not find an overwhelming reason to justify doing this more fine-grained detailed analysis, although it would be a relatively straightforward extension of this work.

Finally, the fraction of days greater than 90°F for the overall population of BVM for a given state can be readily calculated as

$$[\text{Outdoor BVM Pop.} * N_i] / [\text{Total BVM Pop.} * 365.2]$$

where N_i is the number of days above 90°F for each state.

Table 3. Summary for estimating the fraction of 90°F days for BVM across the U.S.

Step	Notes & Assumptions	Data
1. Estimate number of total and outdoor BVM by state	Assume state-weighted population for number of BVM and that 16% of BVM are outdoors	State population data from Wikipedia
2. Pull CDD(90°F) for the highest population city in each state	Several large states used multiple city data (Arizona, California, Missouri, Texas, Washington) Other large states are represented by 1 city (For example greater than 80% of population of New York is in New York City area, and similarly for Pennsylvani/Philadelphia and Nevada/Las Vegas)	CDD data: http://www.degreedays.net/ City population data from http://www.citypopulation.de/ and other websites.
3. Find number of days above 90°F for each city, Ni	Sum (Number of days with CDD ≥ 1, Sum of CDD values for days with CDD < 1) from #2 above For example a day with CDD=2 is counted as one day but a day with CDD=0.2 is counted as only 1/5 of a day	
4. Calculate fraction of days greater than 90°F for each state	Calculated using following expression: [Outdoor BVM Pop. * Ni] / [Total BVM Pop. * 365.2]	

Results and Discussion

A summary table of results is shown in Table 4 below. We find that only 1.3% of "beverage machine days" are above 90°F where a single BVM is defined to have 365.2 beverage machine days each year. As noted above, only a few states have greater than 2% of beverage machine days above 90°F (Arizona,

Nevada, Texas, Oklahoma, and Kansas). Even if the number of 90-degree days were to double in the future due to climate change, the fraction of BVM days above 90°F would still be less than a few percent. We conclude that the amount of time spent at 90°F or above outdoors is low.

Table 4. Estimation of total BVM-days above 90F by state. Each BVM has 365.2 machine days per year.

State	Population	Population %	BVM by Pop	Outdoor BVM	Number of Days > 90F/yr.	Machine days per years	Number BVM days > 90F	Pct 90F days
Alabama	4,822,023	1.5%	30,367	4,859	26.0	11090097	126328	1.1%
Alaska	731,449	0.2%	4,606	737	0.0	1682248	0	0.0%
Arizona	6,553,255	2.1%	41,270	6,603	150.0	15071732	990475	6.6%

Arkansas	2,949,131	0.9%	18,572	2,972	34.0	6782662	101034	1.5%
California	38,041,430	12.0%	239,570	38,331	24.0	87490907	918705	1.1%
Colorado	5,187,582	1.6%	32,669	5,227	17.8	11930841	93042	0.8%
Connecticut	3,590,347	1.1%	22,611	3,618	2.2	8257384	7959	0.1%
Delaware	917,092	0.3%	5,775	924	13.4	2109206	12379	0.6%
District of Columbia	632,323	0.2%	3,982	637	22.0	1454270	14018	1.0%
Florida	19,317,568	6.1%	121,654	19,465	22.3	44428181	433586	1.0%
Georgia	9,919,945	3.1%	62,472	9,996	16.1	22814731	160538	0.7%
Hawaii	1,392,313	0.4%	8,768	1,403	0.0	3202160	0	0.0%
Idaho	1,595,728	0.5%	10,049	1,608	39.3	3669991	63190	1.7%
Illinois	12,875,255	4.1%	81,083	12,973	11.1	29611603	144004	0.5%
Indiana	6,537,334	2.1%	41,170	6,587	14.5	15035115	95654	0.6%
Iowa	3,074,186	1.0%	19,360	3,098	23.9	7070274	74063	1.0%
Kansas	2,885,905	0.9%	18,174	2,908	55.3	6637249	160806	2.4%
Kentucky	4,380,415	1.4%	27,586	4,414	20.5	10074450	90456	0.9%
Louisiana	4,601,893	1.4%	28,981	4,637	19.5	10583824	90560	0.9%
Maine	1,329,192	0.4%	8,371	1,339	8.0	3056988	10709	0.4%

State	Population	Population %	BVM by Pop	Outdoor BVM	Number of Days > 90F/yr.	Machine days per years	Number BVM days > 90F	Pct 90F days
Maryland	5,884,563	1.9%	37,059	5,929	31.1	13533817	184676	1.4%
Massachusetts	6,646,144	2.1%	41,855	6,697	10.0	15285366	66945	0.4%
Michigan	9,883,360	3.1%	62,241	9,959	11.3	22730589	112294	0.5%

Minnesota	5,379,139	1.7%	33,876	5,420	11.0	12371400	59579	0.5%
Mississippi	2,984,926	0.9%	18,798	3,008	33.6	6864986	101195	1.5%
Missouri	6,021,988	1.9%	37,924	6,068	35.3	13849879	214451	1.5%
Montana	1,005,141	0.3%	6,330	1,013	16.6	2311709	16832	0.7%
Nebraska	1,855,525	0.6%	11,685	1,870	23.8	4267494	44498	1.0%
Nevada	2,758,931	0.9%	17,375	2,780	112.0	6345223	311354	4.9%
New Hampshire	1,320,718	0.4%	8,317	1,331	9.7	3037499	12924	0.4%
New Jersey	8,864,590	2.8%	55,826	8,932	15.4	20387536	137217	0.7%
New Mexico	2,085,538	0.7%	13,134	2,101	23.6	4796497	49674	1.0%
New York	19,570,261	6.2%	123,246	19,719	10.1	45009346	199934	0.4%
North Carolina	9,752,073	3.1%	61,415	9,826	16.3	22428644	160563	0.7%
North Dakota	699,628	0.2%	4,406	705	9.4	1609064	6645	0.4%
Ohio	11,544,225	3.6%	72,701	11,632	10.7	26550388	124558	0.5%
Oklahoma	3,814,820	1.2%	24,024	3,844	73.7	8773647	283136	3.2%
Oregon	3,899,353	1.2%	24,557	3,929	8.6	8968063	33666	0.4%
Pennsylvania	12,763,536	4.0%	80,380	12,861	9.4	29354662	121277	0.4%
Puerto Rico	3,667,084	1.2%	23,094	3,695	9.6	8433871	35357	0.4%

State	Population	Population %	BVM by Pop	Outdoor BVM	Number of Days > 90F/yr.	Machine days per years	Number machine days > 90F	Pct 90F days
Rhode Island	1,050,292	0.3%	6,614	1,058	9.0	2415551	8927	0.4%
South Carolina	4,723,723	1.5%	29,748	4,760	30.4	10864019	135435	1.2%

South Dakota	833,354	0.3%	5,248	840	14.5	1916618	11432	0.6%
Tennessee	6,456,243	2.0%	40,659	6,505	33.1	14848615	202002	1.4%
Texas	26,059,203	8.2%	164,111	26,258	105.0	59933165	2584741	4.3%
Utah	2,855,287	0.9%	17,981	2,877	35.2	6566831	94975	1.4%
Vermont	626,011	0.2%	3,942	631	8.1	1439753	4813	0.3%
Virginia	8,185,867	2.6%	51,551	8,248	12.8	18826551	99230	0.5%
Washington	6,897,012	2.2%	43,435	6,950	7.3	15862333	47856	0.3%
West Virginia	1,855,413	0.6%	11,685	1,870	11.0	4267236	19266	0.5%
Wisconsin	5,726,398	1.8%	36,063	5,770	11.3	13170056	60997	0.5%
Wyoming	576,412	0.2%	3,630	581	7.6	1325681	4119	0.3%
Total	**317,581,124**	**100%**	**2,000,000**	**320,000**		**730,400,000**	**9,356,324**	**1.3%**

Note: Larger population states with multiple climate zones take CDD from more than one city (Texas, California, Arizona, Missouri, Washington). Other states are represented by one city per state.

APPENDIX: BVM CENSUS AND LOCATION DATA

Columbia College, Chicago
Reference:
http://www.colum.edu/Administrative_offices/Campus_Environment/Facilities_and_Operations/Vending_Machine_Locations.php
Accessed 21 October 2013

	VM (Number of Machines)	BVM (Number of Machines)	Outdoors?
33 E. Congress			
3rd Floor:			
2 Coca Cola Machines	2	2	
2 Snack Machines	2		
1 Cold Food Machine	1		
1 Refund Machine	1		
5th Floor:			
3 Coca Cola Machines	3	3	
1 Snack Machine*	1		
600 S. Michigan			
Basement:			
2 Coca Cola Machines	2	2	
1 Snack Machine*	1		
1 Cold Food Machine	1		
13th Floor:			
2 Coca Cola Machines	2	2	
1 Snack Machine	1		
618 S. Michigan			
2nd Floor:			
2 Coca Cola Machines	2	2	
1 Snack Machine*	1		
623 S. Wabash			
1st Floor:			
3 Coca Cola Machines	3	3	

1 Snack Machine	1		
1 Sundry Machine*	1		
7th Floor:			
3 Coca Cola Machines	3	3	
1 Snack Machine*	1		
624 S. Michigan			
9th Floor:			
1 Coca Cola Machine	1	1	
1 Snack Machine	1		
10th Floor:			
1 Coca Cola Machine	1	1	
1 Snack Machine	1		
11th Floor:			
2 Coca Cola Machines	2	2	
2 Snack Machines*	2		
1 Cold Food Machine	1		
1 Refund Machine	1		
12th Floor:			
1 Coca Cola Machine	1	1	
1 Snack Machine	1		
916 S. Wabash			
1st Floor:			
1 Coca Cola Machine	1	1	
1 Snack Machine*	1		
72 E. 11th Street			
Basement:			
2 Coca Cola Machines	2	2	
1 Snack Machine*	1		
1 Cold Food Machine	1		
731 S. Plymouth Court			
1st Floor:			
2 Coca Cola Machines	2	2	

1 Snack Machine*	1		
1014 S. Michigan			
3rd Floor:			
1 Coca Cola Machine	1	1	
1 Snack Machine*	1		
1 Cold Food Machine	1		
1306 S. Michigan			
1st Floor:			
1 Coca Cola Machine	1	1	
1 Snack Machine*	1		
1415 S. Wabash			
1st Floor:			
1 Coca Cola Machine	1	1	
1 Snack Machine*	1		
Total	57	30	0

Johnson Community College
Overland Park, Kansas

Reference: http://www.jccc.edu/diningservices/vending-locations.html
Accessed: 14 November 2013

Bldg.	Pepsi/Juice/ Water	Specialty Drinks	Snacks	Hot Bev.	VM	Indoor	Outdoor	BVM	Specialty drinks	Hot Beverages	Snacks/ Other
ATB	1st floor	1st floor	1st floor		3	3		1	1		1
CC	1st floor, W		1st floor, W		2	2		1			1
						0					0

	Stage production area in Yardley Hall		2nd floor		2	2		1			1
						0					0
	2nd floor		3rd floor		2	2		1			1
						0					0
	3rd floor				1	1		1			0
CLB	2nd floor	2nd floor	2nd floor	2nd floor	4	4		1	1	1	1
						0					0
	3rd floor		3rd floor		2	2		1			1
COM	3rd floor	3rd floor	3rd floor	3rd floor	4	4		1	1	1	1
CSB	1st floor		1st floor		2	2		1			1
GEB	2nd floor	2nd floor		2nd floor	3	3		1	1	1	0
						0					0
	3rd floor			3rd floor	2	2		1		1	0
GYM	1st floor		1st floor		2	2		1			1
HEC	Lobby				1	1		1			0
HCDC	Lobby				1	1		1			0
ITC/ BNSF	W entrance		W entrance		2	2		1			1
						0					0
	SW entrance		SW Entrance		2	2		1			1
						0					0
	BNSF entrance		BNSF lounge		2	2		1			1
						0					0
	BNSF lounge				1	1		1			0
LIB	3rd floor	3rd floor	3rd floor		3	3		1	1		1
OCB	2nd floor	2nd floor	2nd floor	3rd floor	4	4		1	1	1	1
						0					0
	3rd floor	3rd floor	3rd floor		3	3		1	1		1
OHEC	Lobby	Lobby	Lobby	Lobb	4	4		1	1	1	1

				y							
PA	Lounge		Lounge		2	2		1			1
RC	2nd floor, E and W	2nd floor E	2nd floor, E and W	2nd floor, E	4	4		1	1	1	1
						0					0
	3rd floor, E and W	3rd floor E	3rd floor, E and W		3	3		1	1		1
SCI	2nd floor, W	2nd floor, W	2nd floor, W	2nd floor, W	4	4		1	1	1	1
WLB	Entry		Entry		2	2		1			1
Total					67	67	0	27	11	8	21

Miami University
Hamilton, Middleton, and West Chester, Ohio

Reference: http://www.regionals.miamioh.edu/foodservices/vending.htm
Accessed 14 November 2013

	# VM	BVM	Indoor BVM	Outdoor BVM
Miami Hamilton				
Schwarm Hall, 1st floor: 2 microwaves, 2 soda machines, snack machine, Gatorade machine (includes juices, teas and energy drinks).	4	3	3	
Rentschler Hall, 2nd floor, advising room: soda machine, snack machine and coffee vending machine.	3	1	1	
Rentschler Hall, 1st floor, multicultural room: microwave open for student use.				
Mosler Hall, 1st floor, left and right of the information desk: coffee vending machine, 2 soda machines, snack machine	4	2	2	

Mosler Hall, 5th floor, soda machine, snack machine and a coffee vending machine.	3	1	1	
Phelps Hall, 2nd floor: soda machine, snack machine and a coffee vending machine	3	1	1	
Gymnasium: Gatorade machine (includes juices, teas and energy drinks).	1	1	1	
Miami Middletown			0	
Johnston Hall, 1st floor: 2 microwaves, plastic utensils, snack machines, soda machines and energy drink vending.	5	3	3	
Johnston Hall, lower floor: snack and soda machine.	2	1	1	
Thesken Hall, lower floor: snack and soda machine, coffee vending machine.	3	1	1	
Levey Hall, 1st floor: snack and soda machine can be found by the northeast stairs.	2	1	1	
Gardner-Harvey Hall, lower floor: snack and soda machine can be found in the Group Study Room underneath the library.	2	1	1	
Bennet Recreation Center: Vending machine for soda, water and PowerAde.	1	1	1	
Greentree Health Science Academy			0	
Student Lounge: 4 vending machines.	4	1	1	
Voice of America Learning Center			0	
South corridor, next to the computer room: Vending machines for coffee, sodas, snacks, sandwiches and energy drinks.	5	2	2	
Total	42	20	20	0

University of California, Los Angeles
Reference: http://map.ais.ucla.edu/go/1004869
Accessed 21 October 2013
Note: No information on type of vending machine for UCLA.

Area	Specific Location	Locations	Outdoors
Anderson Graduate School of Management	1st Level of Entrepreneurs Hall	1	
Bunche Hall	South side of the building	1	
Campbell Hall	North side patio	1	1
Guest House	2nd Floor	1	
Haines Hall	West side area	1	
Hershey Hall	South side of Building	1	
Law School	1st Floor; Basement	1	
Melnitz-Macgowan	Exterior area between both buildings	1	1
Murphy Hall	Parking lot near loading dock	1	1
Parking Lot 4	North side by entrance	1	1
Perloff Hall	2nd Floor	1	
Powell Library	Southwest side of Powell Library near Bruin Walk	1	1
Student Activities Center	Break Room	1	
Wooden Center	2nd Floor	1	
Court of Sciences	"Bomb Shelter"	1	
IT Services	Employee area	1	
Franz Hall	Patio area	1	1
Geology	West side of building	1	
IM Field	Entrance to Drake Stadium	1	
IPAM	West of Inverted Fountain	1	1
McDonald Research	Basement	1	
Math Sciences	Bridgeway Area	1	1
Moore Hall	2nd Floor, Grad. Student Lounge	1	
Parking Lot 8	Parking Services Office; Exterior (west wall); Top Stairwell	1	1
Physical Plant	Chiller Facility	1	
Young Hall	1st Floor	1	
Court of Sciences	"Bomb Shelter"	1	
IT Services	Employee area	1	
Franz Hall	Patio area	1	1
Geology	West side of building	1	
IM Field	Entrance to Drake Stadium	1	1
IPAM	West of Inverted Fountain	1	1
McDonald Research	Basement	1	

Math Sciences	Bridgeway Area	1	1
Moore Hall	2nd Floor, Grad. Student Lounge	1	
Parking Lot 8	Parking Services Office; Exterior (west wall); Top Stairwell	1	1
Physical Plant	Chiller Facility	1	
Young Hall	1st Floor	1	
Covel Commons	1st Floor	1	
De Neve Plaza	Cedar	1	
De Neve Plaza	Dogwood	1	
De Neve Plaza	Evergreen	1	
De Neve Plaza	Fir	1	
De Neve Podium Building	Room 336	1	
De Neve Podium Building	Room 340	1	
Dykstra Hall	1st Floor	1	
Hedrick Hall	1st Floor	1	
Hitch Suites	Laundry Room	1	
Recreation Center	Sunset Rec. South	1	
Rieber Hall	Lobby	1	
Saxon Suites	Laundry Room	1	
Southern Regional Library	Employee Area	1	
Sproul Hall	Lobby	1	
Student Technology Center		1	
Apartments		1	
555 Glenrock Avenue	4th and 7th Floors	1	
Apartments		1	
625 LaNDFAIR Avenue	Parking Structure	1	1
Apartments - Venice Barry	Lobby	1	
University Credit Union	Employee Area	1	
Family Student Housing	Employee Area	1	
Hammer Museum	10899 Wilshire Blvd.	1	
Hilgard Houses	616, 624, 720, and 726 Hilgard Avene	1	
Kinross Building	1st Floor (south end of building)	1	
Parking Lot 32	Employee Area	1	
Rehab Building	1000 Veteran Avenue, Lobby Area	1	
Tiverton House	2nd Floor	1	
Wilshire Center	2nd, 5th, 7th, 8th, 9th, and 17th Floors (primarily employee areas)	1	
Total		68	15

University of North Carolina, Charlotte

Reference: http://aux.uncc.edu/sites/aux.uncc.edu/files/media/VendingLocations8-12.pdf

Accesssed 21 October 2013

Building Location Product	Total	BVM	Coffee	Outdoor BVM
ATKINS LIBRARY Downstairs lounge. 2 Beverage, 1 Snack	3	2		
ATKINS LIBRARY Main Floor. 1 Beverage, 1 Snack	2	1		
AUTOMOTIVE (J Bldg.) Break Rm. /lounge. 1 Beverage, 1 Snack	2	1		
AUXILIARY SERVICES Main Floor. 1 Beverage, 1 Snack	2	1		
BELK GYM Lower Level . 1 Beverage	1	1		
BURSON Outdoors (Craver Rd side) . 1 Beverage, 1 Snack	2	1		1
BURSON 1st Floor. 1 Snack	1			
BURSON 2nd Floor. 1 Beverage	1	1		
CAMERON Rm. 123. 2 Beverage, 1 Snack	3	2		
CEDAR 1st Floor. 1 Beverage	1			
CENTER CITY Rm. 206. 2 Beverage, 1 Snack	3	2		
CENTER CITY Rm. 412. 1 Beverage, 1 Snack	2	1		
CENTER CITY Rm. 503. 1 Beverage, 1 Snack, 1 Coffee	3	1	1	
CENTER CITY Rm. 603. 1 Beverage, 1 Snack	2	1		
CENTER CITY Rm. 1103. 1 Beverage, 1 Snack	2	1		
COE Rm. 109. 3 Beverage, 1 Snack, 1 Food	5	3		
CHHS Rm. 125A. 2 Beverage, 1 Snack	3	2		
CHHS Rm. 293. 1 Beverage, 1 Snack	2	1		
COLVARD N 5000 hallway. 2 Beverage, 1 Snack	3	2		
COLVARD N Rm. 2053. 1 Beverage	1	1		
COLVARD Outdoors . 1 Beverage, 1 Snack	2	1		1
CONE CENTER Main St. Mrkt. . 2 Beverage, 1 Snack, 1 Coffee	4	2	1	
CONE CENTER SOUTH Outdoors. . . . . .1 Beverage	1	1		1
CRI-BIOINFORMATICS Rm. 114 . 2 Beverage, 1 Snack	3	2		
CRI-DUKE Rm. 235B. 1 Beverage, 1 Snack	2	1		
CRI-DUKE Rm. 336B. 1 Beverage	1	1		
CRI-GRIGG Rm. 242 (lounge). 1 Beverage, 1 Snack	2	1		
DENNY 2nd Floor hallway. 2 Beverage, 1 Snack, 1 Coffee	4	2	1	
DENNY Breezeway . 8 Beverage	8	8		8
EAST DECK Bus Shelter . 2 Beverage	2	2		2
LOT 16 BY ELM Outside Mail Hut. 1 Beverage	1	1		1
FACILITIES MGMT. Rm. 246. 1 Beverage, 1 Snack	2	1		
FOUNDATION Breakroom. 1 Beverage, 1 Snack	2	1		
FRETWELL Main Level . 8 Beverage, 2 Snack	10	8		
FRETWELL 3rd Floor Copy Room. 1 Beverage	1	1		
FRIDAY 1st Floor. 2 Beverage, 1 Snack	3	2		
FRIDAY 2nd Floor. 2 Beverage	2	2		

GARINGER Breezeway. 1 Beverage	1	1		1
GARRINGER 2nd Floor. 1 Beverage, 1 Snack	2	1		
GREEK VILLAGE CSD Outdoors. 1 Beverage	1	1		1
HAWTHORNE Basement/lounge area. 2 Beverage, 1 Snack	3	2		
HICKORY Lounge 1. 1 Beverage, 1 Snack	2	1		
HOLSHOUSER 1st Floor . . . . . .3 Beverage, 1 Snack	4	3		
HUNT VILLAGE Outside Mail Hut. 1 Beverage	1	1		1
KENNEDY Lower Level. 1 Beverage, 1 Snack	2	1		
KING Basement Lounge. 1 Beverage, 1 Snack	2	1		
LYNCH Rm. 103. 3 Beverage, 1 Snack	4	3		
MAPLE Outside . 1 Beverage, 1 Snack	2	1		1
MARTIN Laundry Rm. . 2 Beverage, 1 Snack	3	2		
MCENIRY Hallway . 2 Beverage, 1 Snack	3	2		
MEMORIAL Outdoors. . . . . .1 Beverage	1	1		1
MILTIMORE 3rd Floor. 2 Beverage, 1 Snack	3	2		
MOORE 1st Floor lobby. 3 Beverage, 1 Snack	4	3		
OAK 1st Floor laundry Rm. . 2 Beverage, 1 Snack	3	2		
PHYSICAL PLANT Near PaTS. 2 Beverage, 1 Snack	3	2		1
POLICE HQ Lounge. 2 Beverage, 1 Snack	3	2		
PROSPECTOR Lower Level. 1 Beverage, 1 Snack	2	1		
REC FIELD (NRFC) Outdoors. . . . . .1 Beverage	1	1		1
REESE Break Rm. 4th Floor . 1 Beverage, 1 Snack	2	1		
ROBINSON Rm. 101. 2 Beverage, 1 Snack	3	2		
ROWE ARTS 1st Floor. 1 Beverage, 1 Snack	2	1		
SAC Weight Rm. . 1 Beverage	1	1		
SAC Loading Dock . 1 Beverage, 1 Snack	2	1		1
SAC (Atrium) Lower Level. 1 Beverage, 1 Snack	2	1		
SAC (Concession Area) Main Floor . 1 Beverage, 1 Snack	2	1		
WEST DECK Level 3. 1 Beverage	1	1		
WEST DECK Level 4 . 1 Beverage	1	1		
SANFORD Basement. 2 Beverage, 1 Snack	3	2		
SCOTT 1st Floor. 3 Beverage, 1 Snack	4	3		
SMITH Rm. 300A . 2 Beverage, 1 Snack	3	2		
STORRS 1st Floor. 2 Beverage, 1 Snack	3	2		
STUDENT HEALTH 1st Floor. 1 Beverage, 1 Snack	2	1		
STUDENT UNION Lower Level . 1 Beverage, 1 Snack	2	1		
STUDENT UNION Loading Dock. 1 Beverage	1	1		1
STUDENT UNION Parking Deck. 1 Beverage	1	1		1
SYCAMORE HALL Lobby. . . . . .1 Beverage	1	1		
WALLIS Rm. 109. 2 Beverage, 1 Snack	3	2		
WITHERSPOON Laundry Rm. . 2 Beverage, 1 Snack	3	2		
WOODWARD 1st Floor. 2 Beverage, 1 Snack	3	2		
Total	189	126	3	24

University of Texas, Austin

Reference: http://www.utexas.edu/parking/services/vending/vendlocations.html, Accessed 5 October 2013

BUILDING	FLOOR	BRAND	UTX	VENDORNUMBER	Total	BVM	Outdoor?
ACE	2.217	Canteen		66292	1	0	
ACE	2.217	PEPSI		163851	1	1	
ACE	2.217	LSIC		920030	1	0	
ACE	2.217	PEPSI		7928182	1	1	
ACE	2.217	PEPSI		7951377	1	1	
ACE	2.217	COKE	213	8201252	1	1	
AHG	1	COKE	248	2503896	1	1	
AHG	1	PEPSI		7929309	1	1	
ARC	BASEMENT-REAR	COKE	298	2503760	1	1	
ART	1.3	Canteen		66363	1	0	
ART	2 FL	PEPSI		138176	1	1	
ART	2 FL	PEPSI		138210	1	1	
ART	2 FL	LSIC		920012	1	0	
ART	1.222	COKE	267	2503762	1	1	
ART	2 FL	COKE	174	2503774	1	1	
ART	2 FL	PEPSI		7928594	1	1	
ART	1.206	PEPSI		7929115	1	1	
ART	1.206	COKE	483	8402948	1	1	
BEL	1 STORE	Canteen		66382	1	0	
BEL	1-N	LSIC		817911	1	0	
BEL	10	COKE	250	1190015	1	1	
BEL	1-N	COKE	251	1778068	1	1	
BEL	6	COKE	126	2503772	1	1	
BEL	3	COKE		2503809	1	1	
BEL	7	COKE	193	2503811	1	1	
BEL	3	COKE	241	2503813	1	1	
BEL	6	COKE	239	2503815	1	1	
BEL	1-S	COKE	266	2503822	1	1	
BEL	1-S	COKE	420	2630487	1	1	
BEL	1-N	COKE	262	2707072	1	1	
BEL	9	COKE	470	8374479	1	1	
BEL	3 FL S	COKE	479	8396640	1	1	
BFL	BRAK FIELD LAB	COKE	127	2503955	1	1	
BIO	1	Canteen		66290	1	0	
BIO	1	COKE	162	2503775	1	1	
BRB	1.204	Canteen		66372	1	0	
BRB	1.204	PEPSI		138241	1	1	
BRB	1.204	COKE	167	2503862	1	1	

BRG	G OUTSIDE WEST	LSIC		815133	1	0	1
BRG	G OUTSIDE West	COKE	235	3056212	1	1	1
BRG	G OUTSIDE EAST	PEPSI		5688785	1	1	1
BRG	G OUTSIDE WEST	PEPSI		5751236	1	1	1
BRG	2 FL	PEPSI		7930055	1	1	
BRG	G OUTSIDE EAST	PEPSI		7930205	1	1	1
BRK	MARRIED STUDENT HOUS	Canteen		66287	1	0	
BTL	BASEMENT	COKE	265	2503894	1	1	
BUR	1-CENTRAL FOYER	PEPSI		12156	1	1	
BUR	1-ELEVATOR/COLUMN	Canteen		66328	1	0	
BUR	1-S. ELV BANK	PEPSI		128214	1	1	
BUR	1-ELEVATOR/COLUMN	LSIC		940120	1	0	
BUR	1-EAST ENT	COKE	218	2503777	1	1	
BUR	1-S ENT SIDE WALL	COKE	458	2735530	1	1	
BUR	1-ELEVATOR	PEPSI		5682182	1	1	
BUR	1 SOUTH ENTRANCE	PEPSI		5765706	1	1	
BUR	2	COKE	104	6460818	1	1	
BUR	2	PEPSI		7924963	1	1	
BUR	1-S. ELV BANK	PEPSI		7924965	1	1	
BUR	1-EAST ENT	PEPSI		7924967	1	1	
BUR	1-EAST ENT	PEPSI		7956104	1	1	
BUR	1-EAST ENT	COKE	258	8328976	1	1	
BUR	1-EAST ENT	COKE	722	9789772	1	1	
CAL	231	Canteen		66368	1	0	
CAL	429	COKE	210	2503779	1	1	
CAL	231	PEPSI		5368381	1	1	
CAL	333	COKE	196	8556176	1	1	
CBA	2.304	Canteen		21073	1	0	
CBA	2.304	Canteen		66369	1	0	
CBA	3.308	Canteen		66378	1	0	
CBA	4.308	Canteen		66800	1	0	
CBA	4.308	LSIC		920022	1	0	
CBA	2.304	COKE	666	2503764	1	1	
CBA	5.308	COKE	682	2503765	1	1	
CBA	4.308	COKE	674	2503768	1	1	
CBA	2.304	COKE	665	2503906	1	1	
CBA	5.308	COKE	680	6460816	1	1	
CBA	3.308	PEPSI		7858270	1	1	
CBA	2.304	PEPSI		7858285	1	1	
CBA	5.308	PEPSI		7858353	1	1	
CBA	3.308	PEPSI		7858693	1	1	

CBA	4.308	PEPSI		7859427	1	1	
CBA	5.308	PEPSI		7859429	1	1	
CBA	3.308	PEPSI		7859435	1	1	
CBA	4.308	PEPSI		7930011	1	1	
CBA	2.304	PEPSI		7930494	1	1	
CBA	3.308	COKE	670	8328975	1	1	
CBA	5.308	COKE	683	9006701	1	1	
CMA	garage	LSIC		818245	1	0	1
CMA	GARAGE	COKE	612	2503785	1	1	1
CMA	GARAGE	PEPSI		5692937	1	1	1
CMA	GARAGE	PEPSI		5760703	1	1	1
CMA	GARAGE	PEPSI		7929303	1	1	1
CMA	GARAGE	COKE	721	9789754	1	1	1
CMC	2-TEXAN	CANTEEN		66258	1	0	
CMC	2-TEXAN	PEPSI		138937	1	1	
CMC	2-TEXAN	COKE	252	2503846	1	1	
COM	BREAK RM	COKE	155	8070194	1	1	
CPE	EAST	PEPSI		11676	1	1	
CPE	WEST	Canteen		66376	1	0	
CPE	WEST	PEPSI		138749	1	1	
CPE	WEST	LSIC		940189	1	0	
CPE	EAST	COKE	175	2503855	1	1	
CPE	EAST	COKE	405	2619133	1	1	
CPE	WEST	COKE	497	8604591	1	1	
CTR	3208 Red River, P1	COKE	107	2503935	1	1	
Dell	vending	COKE		2899762	1	1	
DEV	2	Canteen		66330	1	0	
DEV	3	COKE	462	2770069	1	1	
DFA	1	Canteen		66286	1	0	
DFA	3RD	Canteen		66374	1	0	
DFA	CAF|	COKE	616	2503895	1	1	
DFA	3RD	PEPSI		7968488	1	1	
ECJ	1-LOUNGE	Canteen		66332	1	0	
ECJ	1-LOUNGE	PEPSI		103320	1	1	
ECJ	LOADING DOCK	PEPSI		123158	1	1	1
ECJ	B-2	LSIC		710005	1	0	
ECJ	1-LOUNGE	COKE	452	2676547	1	1	
ENS	BREEZEWAY	Canteen		66274	1	0	
ENS	BREEZEWAY	LSIC		940187	1	0	1
ENS	BREEZEWAY	COKE		2144203	1	1	1
ENS	BREEZEWAY	PEPSI		7923843	1	1	1
EPS	1.11	Canteen		66367	1	0	
ETC	2	Canteen		21038	1	0	

ETC	2	Canteen		66366	1	0	
ETC	2	COKE	342	2503930	1	1	
ETC	2	PEPSI		7931887	1	1	
FAC	2	Canteen		66294	1	0	
FAC	1	Canteen		66365	1	0	
FAC	1	LSIC		940185	1	0	
FAC	2	COKE	244	1498341	1	1	
FAC	1	COKE	215	3851610	1	1	
FAC	3	PEPSI		7924147	1	1	
FAC	1	PEPSI		7929116	1	1	
FS1	Training Room A	Canteen		66322	1	0	
FS1	Training Room A	COKE	280	2503920	1	1	
FS1	Training Room A	PEPSI		7928180	1	1	
FS5	Lunch Room	Canteen		66384	1	0	
FS5	Loading Dock	COKE	207	2503912	1	1	1
FS8	1	Canteen		66338	1	0	
FS8	1	Canteen		67000	1	0	
FS8	1.204-BREAK RM	COKE	337	2503913	1	1	
GEA	Grnd-HALL	PEPSI		138194	1	1	
GEA	Grnd	COKE		2503799	1	1	
GEO	1	Canteen		66345	1	0	
GIA	SOUTH ENTRANCE	COKE	223	2503882	1	1	
GIA	CALL CENTER	PEPSI		7928535	1	1	
GOL	1	Canteen		66203	1	0	
GOL	BASEMENT	COKE	103	2503807	1	1	
GOL	BASEMENT	PEPSI		5368370	1	1	
HRH	BREEZEWAY	COKE	618	2503688	1	1	1
HRH	BREEZEWAY	PEPSI		7927196	1	1	1
IC2	2815 San Gabriel	Canteen		66370	1	0	
IC2	3 FL BREAK	COKE	468	8365334	1	1	
IRC	LOBBY NEAR MBB	CANTEEN		66379	1	0	
IRC	LOBBY NEAR MBB	PEPSI		7968733	1	1	
JGB	1	COKE	165	2503919	1	1	
JHH	1.002	COKE	418	2624560	1	1	
JON	3.25	COKE	339	2503928	1	1	
JON	3.111	COKE	338	2504002	1	1	
JON	1.207	PEPSI		7920611	1	1	
JON	3.111	PEPSI		7921193	1	1	
JWC	WILDFLOWER CENTER	COKE		8314224	1	1	
JWC	WILDFLOWER CENTER	COKE		8314229	1	1	
JWC	WILDFLOWER CENTER	COKE		8314230	1	1	
LAC	1.316	Canteen		66313	1	0	
LAC	1.316	COKE	404	9979500	1	1	

LBJ	Basement	Canteen		66380	1	0	
LBJ	Lib Brk Rm	COKE	113	2503827	1	1	
MAG	2	LSIC		750019	1	0	
MAG	3	PEPSI		7930085	1	1	
MAG	2	COKE	716	9789751	1	1	
MAI	1	COKE	158	9442974	1	1	
MBB	2.156	Canteen		66324	1	0	
MBB	2.156	PEPSI		101482	1	1	
MBB	2.156	PEPSI		7930018	1	1	
MBB	2.156	COKE	499	8820654	1	1	
MCC	1 LUNCH ROOM	CANTEEN		66308	1	0	
MEZ	1.108	Canteen		66281	1	0	
MEZ	2.112	Canteen		66283	1	0	
MEZ	1.108	LSIC		920027	1	0	
MEZ	2.112	COKE	741	2168321	1	1	
MEZ	1.108	COKE		2168322	1	1	
MEZ	2.112	COKE	739	2168328	1	1	
MEZ	2.112	PEPSI		5787390	1	1	
MEZ	2.112	PEPSI		5787393	1	1	
MEZ	1.108	PEPSI		7928729	1	1	
MEZ	2.112	PEPSI		7930493	1	1	
MRH	BASMNT	CANTEEN		66285	1	0	
MRH	BASMNT	COKE	299	2503874	1	1	
MRH	BASMNT	PEPSI		5368376	1	1	
MRH	BASMNT	COKE	304	6460864	1	1	
MTB	1 (Mail Service Bld)	Canteen		66278	1	0	
MTB	1 Mail Service Bld	COKE	467	8898729	1	1	
NOA	2.11	Canteen		66342	1	0	
NOA	4.2	COKE	257	1204450	1	1	
NOA	2.11	PEPSI		7928201	1	1	
NUR	1.212	Canteen		66362	1	0	
NUR	1.212	COKE	154	2503865	1	1	
NUR	3.156	COKE	329	2503909	1	1	
NUR	3.156	PEPSI		7930081	1	1	
NUR	1.212	PEPSI		7930211	1	1	
PAC	1	Canteen		66284	1	0	
PAC	1.215	Canteen		66396	1	0	
PAC	1.301	PEPSI		2503899	1	1	
PAC	1.2	COKE	306	2503900	1	1	
PAC	1.304	COKE	414	2619132	1	1	
PAT	Basement	Canteen		66602	1	0	
PAT	Basement	COKE	240	2702492	1	1	
PAT	Basement	PEPSI		7930440	1	1	

PCL	Brk Rm	Canteen		66359	1	0	
PCL	Brk Rm	COKE	260	9950153	1	1	
PHR	OUTSIDE SOUTH	Canteen		66300	1	0	
PHR	OUTSIDE SOUTH	LSIC		920009	1	0	1
PHR	OUTSIDE SOUTH	COKE	211	7166870	1	1	1
PHR	OUTSIDE SOUTH	PEPSI		7856519	1	1	1
PHR	OUTSIDE SOUTH	PEPSI		7930012	1	1	1
PPB	PRESS RM	COKE	129	2503860	1	1	
PPB	2.108	PEPSI		7929728	1	1	
PPL	1 - HAL WEAVER	Coke	281	1336147	1	1	
PRC	24 FSL	PEPSI		7960414	1	1	
PRC	35 ARL BREAK ROOM	PEPSI		56212	1	1	
PRC	156 WPR 3rd floor	CANTEEN		66308	1	0	
PRC	133 1	Canteen		66334	1	0	
PRC	137 CMS 1.132	Canteen		66339	1	0	
PRC	136	Canteen		66383	1	0	
PRC	5 1	Canteen		66392	1	0	
PRC	196 ROC	Canteen		66395	1	0	
PRC	35 - ARL C HALLWAY	Canteen		66398	1	0	
PRC	160 MER	Canteen		66421	1	0	
PRC	156 WPR 1st floor	CANTEEN		66553	1	0	
PRC	130 BEG 1.132B	Canteen		67438	1	0	
PRC	18 1ST FLOOR	PEPSI		77021	1	1	
PRC	35 ARL BREAK ROOM	PEPSI		95375	1	1	
PRC	137 CMS 1.132	PEPSI		101504	1	1	
PRC	130 BEG 1.132B	LSIC		910077	1	0	
PRC	196 POA	COKE	196	1261059	1	1	
PRC	160	COKE	159	1778065	1	1	
PRC	133 EMC	COKE	202	1788157	1	1	
PRC	131	COKE	237	1903327	1	1	
PRC	119 CWR	COKE	125	2004978	1	1	
PRC	35 - ARL DOCK	COKE	615	2503948	1	1	
PRC	35 ARL BREAK ROOM	COKE	161	2503949	1	1	
PRC	24 FSL	COKE	324	2503950	1	1	
PRC	130 BEG 1.132B	COKE	203	2503960	1	1	
PRC	137 CMS 1.132	COKE	184	2503984	1	1	
PRC	174 - ARL BACK LOT	COKE		2503988	1	1	
PRC	136	COKE	108	2503991	1	1	
PRC	160 MER	PEPSI		5983770	1	1	
PRC	133 EMC	PEPSI		5990252	1	1	
PRC	130 BEG 1.132B	PEPSI		5990286	1	1	
PRC	136 SV1 1.104	PEPSI		7862142	1	1	
PRC	196 POA	PEPSI		7867707	1	1	

PRC	137 CMS 1.132	PEPSI		7932266	1	1	
PRC	35 - ARL DOCK	PEPSI		7935007	1	1	
PRC	24 FSL	PEPSI		7959899	1	1	
PRC	160	COKE	209	8374421	1	1	
PRC	5	COKE	714	9747726	1	1	
PRC	137 CMS 1.132	COKE	725	9850931	1	1	
RAS	1	COKE	168	2503863	1	1	
RAS	1	PEPSI		7930249	1	1	
RAS	1	COKE	269	9943133	1	1	
RLM	INSIDE	CANTEEN		67019	1	0	
RLM	BREEZEWAY	LSIC		920016	1	0	
RLM	BREEZEWAY	LSIC		970090	1	0	
RLM	BREEZEWAY	COKE	156	2503858	1	1	1
RLM	BREEZEWAY	COKE	157	2503859	1	1	1
RLM	BREEZEWAY	COKE	315	2503904	1	1	1
RLM	BREEZEWAY	COKE	406	2619139	1	1	1
RLM	BREEZEWAY	COKE	460	2735533	1	1	1
RLM	BREEZEWAY	PEPSI		7928663	1	1	1
RLM	BREEZEWAY	PEPSI		7930052	1	1	1
RLM	BREEZEWAY	PEPSI		7930406	1	1	1
RLM	BREEZEWAY	PEPSI		7956110	1	1	1
RLM	BREEZEWAY	PEPSI		7958529	1	1	1
RLM	BREEZEWAY	COKE	717	9767032	1	1	1
SEA	2.102	Canteen		66340	1	0	
SEA	2.102	PEPSI		5665494	1	1	
SEA	2.102	COKE	176	6057976	1	1	
SER	2	Canteen		61038	1	0	
SER	204	COKE	220	2707073	1	1	
SRH	1.1B7	COKE	455	2709708	1	1	
SSB	G1.102	PEPSI		11681	1	1	
SSB	G1.102	PEPSI		12154	1	1	
SSB	G1.102	Canteen		66327	1	0	
SSB	G1.102	LSIC		750044	1	0	
SSB	G1.102	PEPSI		7930034	1	1	
SSB	G1.102	COKE	102	8756934	1	1	
SSB	G1.102	COKE	501	8756935	1	1	
SSB	G1.102	COKE	110	8756936	1	1	
SSW	2 - CHILD CARE	Canteen		66128	1	0	
SSW	1.204	Canteen		66391	1	0	
SSW	1.204	PEPSI		138196	1	1	
SSW	1.204	LSIC		920008	1	0	
SSW	2 - CHILD CARE	COKE	403	2602527	1	1	
SSW	1.204	COKE	426	2707074	1	1	

SSW	1.204	PEPSI		5369116	1	1	
SUT	BASEMENT	COKE	205	2503911	1	1	
SWG	GRND	COKE	144	5905408	1	1	
SZB	1	PEPSI		11674	1	1	
SZB	2.296	CANTEEN		67072	1	0	
SZB	2.296	PEPSI		138171	1	1	
SZB	2.296	LSIC		920028	1	0	
SZB	1	COKE	172	2503839	1	1	
SZB	2.296	COKE	274	2503840	1	1	
SZB	2.296	COKE	270	2503842	1	1	
SZB	3.36	PEPSI		2503843	1	1	
SZB	2.296	COKE	413	2619140	1	1	
SZB	2.296	PEPSI		5766542	1	1	
SZB	3.36	COKE	105	6460812	1	1	
SZB	2.296	PEPSI		7927199	1	1	
SZB	3.36	PEPSI		7927218	1	1	
SZB	3.36	PEPSI		7929113	1	1	
SZB	2.296	PEPSI		7929117	1	1	
SZB	3.36	COKE	250	7930090	1	1	
SZB	1	PEPSI		7930500	1	1	
SZB	3.36	COKE	181	8159636	1	1	
TAY	1	Canteen		66335	1	0	
TAY	1	PEPSI		138188	1	1	
TAY	1	PEPSI		162416	1	1	
TAY	1	COKE	109	2503916	1	1	
TAY	1	PEPSI		7930258	1	1	
TCC	1	Canteen		66310	1	0	
TCC	100 lobby	COKE	171	1781789	1	1	
TNH	2.103B LOUNGE	Canteen		66288	1	0	
TNH	2.103B LOUNGE	CANTEEN		71748	1	0	
TNH	2.103B LOUNGE	PEPSI		138178	1	1	
TNH	2.103B LOUNGE	PEPSI		138191	1	1	
TNH	2.103B LOUNGE	LSIC		920017	1	0	
TNH	2.103B LOUNGE	COKE	135	2503884	1	1	
TNH	2.133A	COKE	137	2503936	1	1	
TNH	2.103B LOUNGE	COKE	293	2504003	1	1	
TNH	4.135	COKE	300	2618980	1	1	
TNH	2.103B LOUNGE	COKE	461	2746294	1	1	
TNH	2.103B LOUNGE	PEPSI		5763799	1	1	
TNH	2.103B LOUNGE	PEPSI		7929114	1	1	
TNH	2.103B LOUNGE	PEPSI		7929140	1	1	
TNH	2.103B LOUNGE	PEPSI		7930270	1	1	
TNH	2.103B LOUNGE	PEPSI		7930492	1	1	

TNH	2.103B LOUNGE	COKE	183	8194078	1	1	
TRG	LOBBY	Canteen		66343	1	0	
TRG	4	LSIC		750061	1	0	
TRG	1	COKE	197	8159581	1	1	
TSC		PEPSI		3686954	1	1	
TSC	ENTRANCE	COKE	667	8328939	1	1	
TTC	TENNIS CNTR	COKE	106	2132017	1	1	
UA9	2.12	COKE	484	8421191	1	1	
UIL	1	Canteen		66387	1	0	
UIL	1.12	COKE	634	8991786	1	1	
UPB	1	Canteen		66336	1	0	
UPB	VEND AREA	COKE	256	2503878	1	1	
UPB	VEND AREA	PEPSI		7932848	1	1	
UTA	VENDING ROOM	PEPSI		8011643	1	1	
UTA	VENDING ROOM	Canteen		67003	1	0	
UTA	VENDING ROOM	COKE	143	2503781	1	1	
UTA	Vending Room	Pepsi		8011643	1	1	
UTC	2	Canteen		66282	1	0	
UTC	2	LSIC		920013	1	0	
UTC	4	LSIC		920025	1	0	
UTC	3	LSIC		920026	1	0	
UTC	4	COKE	613	2503808	1	1	
UTC	3	COKE	291	2503851	1	1	
UTC	3	COKE	621	2503929	1	1	
UTC	2	COKE	419	2630489	1	1	
UTC	2	COKE	459	2735528	1	1	
UTC	2	PEPSI		5766548	1	1	
UTC	2	PEPSI		5990821	1	1	
UTC	2	COKE	133	6460814	1	1	
UTC	3	COKE	136	6460820	1	1	
UTC	4	PEPSI		7923862	1	1	
UTC	2	PEPSI		7930261	1	1	
UTC	4	PEPSI		7930421	1	1	
UTC	2	PEPSI		7930510	1	1	
UTC	3	PEPSI		7951368	1	1	
UTC	2	PEPSI		7951375	1	1	
UTC	4	PEPSI		7958509	1	1	
UTC	3	PEPSI		7958576	1	1	
UTC	4	COKE	681	8328914	1	1	
UTC	2	COKE	494	8604595	1	1	
UTC	2	COKE	495	8604596	1	1	
UTC	2	COKE	639	9006699	1	1	
WAG	8	COKE	212	2503888	1	1	

WAG	1	PEPSI		5653600	1	1	
WCH	3.106	COKE	456	2734762	1	1	
WEL	BREEZEWAY EAST	Canteen		66279	1	0	
WEL	BREEZEWAY EAST	Canteen		66397	1	0	
WEL	BREEZEWAY EAST	LSIC		920029	1	0	
WEL	BREEZEWAY WEST	COKE	221	2503782	1	1	1
WEL	BREEZEWAY EAST	COKE	423	2630491	1	1	1
WEL	BREEZEWAY WEST	COKE	254	2692507	1	1	1
WEL	BREEZEWAY WEST	COKE	149	6432168	1	1	1
WEL	BREEZEWAY EAST	PEPSI		7924773	1	1	1
WEL	BREEZEWAY EAST	PEPSI		7944775	1	1	1
WEL	BREEZEWAY EAST	PEPSI		7953077	1	1	1
WEL	BREEZEWAY EAST	PEPSI		7968437	1	1	1
WEL	BREEZEWAY EAST	COKE	661	8328978	1	1	1
WIN	B104	Canteen		66358	1	0	
WIN	B104	PEPSI		138182	1	1	
WIN	B104	COKE	145	2503786	1	1	
WIN	B104	COKE	130	6460817	1	1	
WIN	B104	PEPSI		7930257	1	1	
WOH	1.106A	Canteen		66323	1	0	
WOH	1.112	COKE	391	2503889	1	1	
TOTAL					401	298	42