

Lane Community College Water Use, Tracking, Feedback Year Reported: 2016/2017

Summary Data

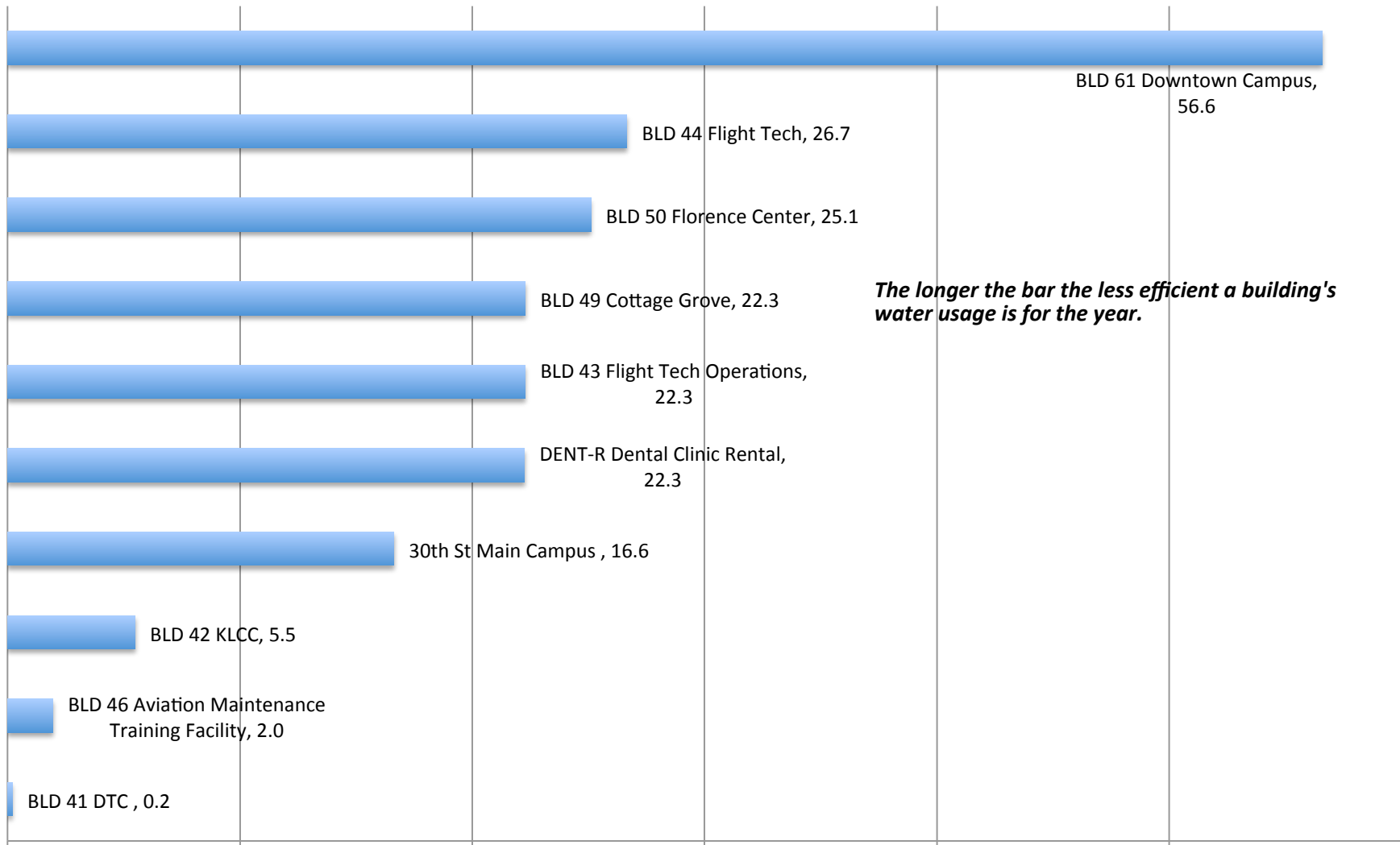
DESCRIPTION	DATA
Total water use for drinking, flushing toilets, cleaning, food preparation, cooling, and heating buildings in 2015/2016. (In thousands of gallons. Please see the following page for Unit Conversions.)	24,148 KGALS
Total LCC Building Square footage for 2015/2016	1,304,192 ft ²
Total water use per building square foot per year for 2015/2016 in gallons, Kgals per square foot. This is the college's annual Water Use Index (WUI).	0.019 Kgals/ft ² or 19 gallons/ft ²
How many average Eugene area residential houses* the college's total water use for drinking, flushing toilets, cleaning, food preparation, heating, and cooling in 2015/2016 would have served.	Approximately 335 houses
Total water cost for 2015/2016	\$154,369
Total water cost per building square foot per year	\$0.12/ft ²
Total water decrease for 2015/2016 over the baseline year of 2004/2005. (Please see table below for baseline data.)	(5151) KGALS or (1.8)%

* Based on the EWEB average customer's (2-5 people per home) monthly water usage of 6 Kgals per month or 72 Kgals per year.

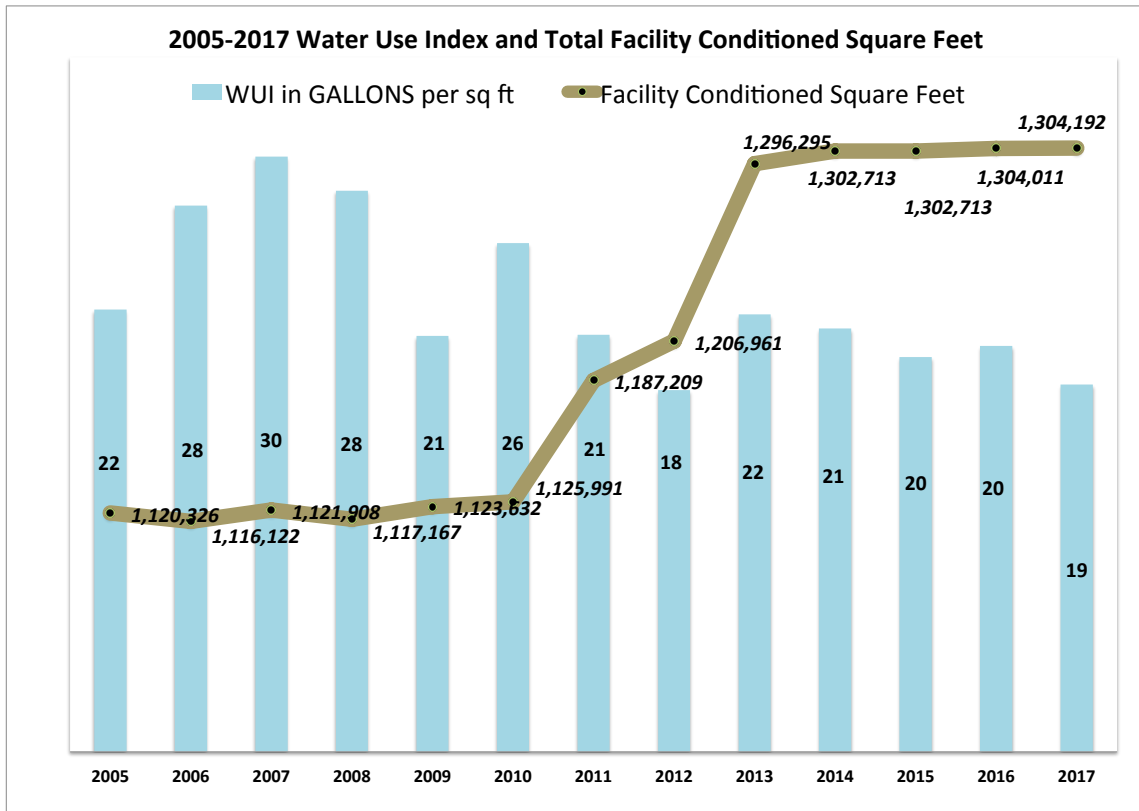
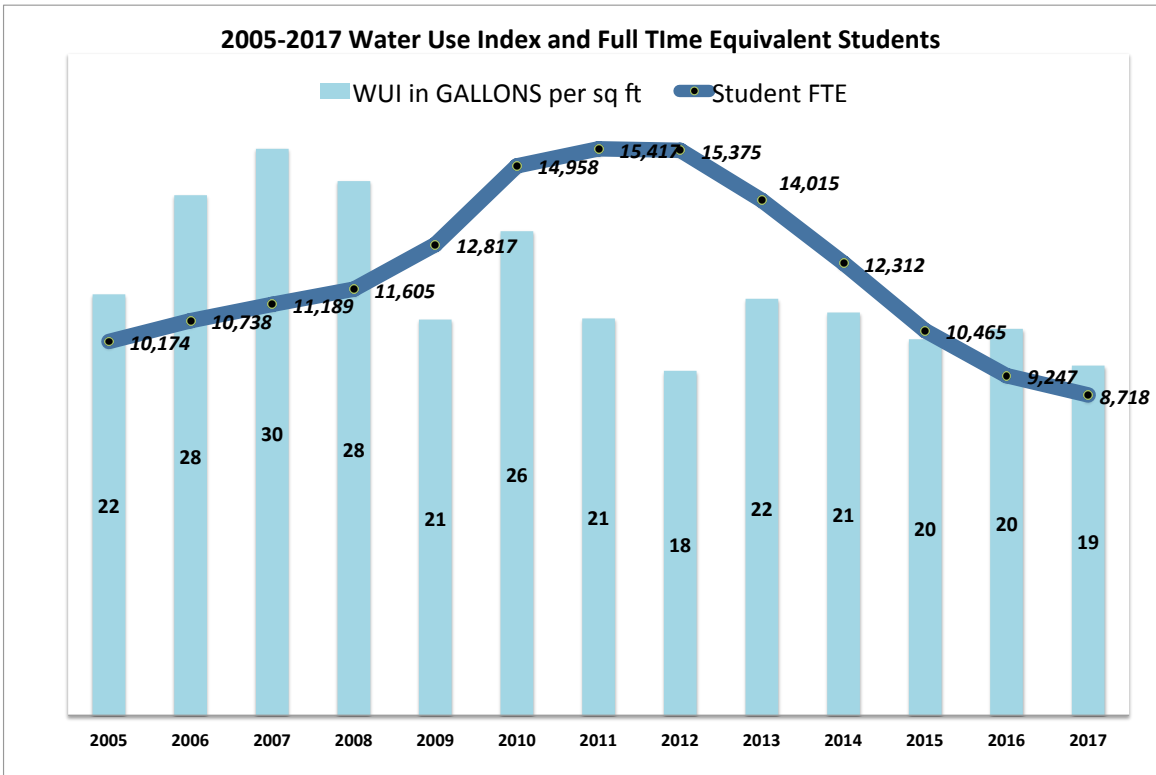
DESCRIPTION	DATA
Total water use for drinking, flushing toilets, cleaning, food preparation, cooling, and heating buildings in 2004/2005. (In thousands of gallons.)	29,299 KGALS
Total LCC Building Square footage for 2004/2005	1,120,326 ft ²
Total water use per building square foot per year for 2004/2005.	0.03 Kgals/ft ² or 26 gallons/ft ²

SUMMARY COMMENTS	RECOMMENDATIONS
<i>Water use index continuing to trend lower. Contributing factors to this decrease may be retrofitted fixtures to low flow and continuing water wise landscaping decisions that require less water.</i>	<i>Continue with fixture retrofits and low water landscaping practices. Start behavior change campaigns to strengthen lower water use patterns.</i>
<i>Water use index is calculated by taking the total water use and dividing it by total square footage of our facilities.</i>	<i>Refine the use of water usage data and reports to assist location of water leaks.</i>

2016-2017 Water Use Index (WUI) LCC Facilities Water Use in Gallons per Building Square Footage



Lane Community College Water Use, Tracking, Feedback
 Years Reported: 2004/2005 through 2016/2017



Lane Community College Water Use, Tracking, Feedback Year Reported: 2016/2017

Summary Data

Water Use Index

Source or Action	Description	Value
Utility Data	Water (kgal) ¹	24,148
LCC Data	FTE students ²	8,718
LCC Data	Staff ²	913
LCC Data	Total FTE students + staff ²	9,631
LCC Data	Building square footage ³	1,304,192
Water Use Index	Total water per student FTE per year (Kgal)	2.8
Water Use Index	Total water per student FTE per year (gallon)	2,770
Water Use Index	Total water per campus user per year (Kgal)	2.5
Water Use Index	Total water per campus user per year (gallons)	2,507
Water Use Index	Total water use per building square foot per year (Kgal/ft²)	0.019
Water Use Index	Total water use per building square foot per year (gallons/ft²)	19

1 Information on the Institute for Sustainable Practices data volume in the folder Energy Indicator Reports on newberry\dca\ISP\Water Indicator Reports\2017 and in a three ring binder labeled "Utilities Summary" located in Building 7, Campus Services RM 203.

2 Information from Institutional Research, Assessment and Planning, Craig Taylor. Funding FTE used for students. FY headcount used for Staff from <https://www.lanec.edu/research/ir/staff-demographics>

3 See Attachment " Lane Community College Building Square Footage"

Lane Community College Water Use, Tracking, Feedback Year Reported: 2016/2017

Summary Data

Cost Data

Source or Action	Description	Value
Utility Data	Potable Water (kgal) ¹	\$ 103,051
Utility Data	Irrigation Water	\$ 3,953
Utility Data	Sewer Water	\$ 35,530
Utility Data	Storm Drain Water	\$ 9,232
Utility Data	Fire Protection Water	\$ 2,604
	Total water costs	\$ 154,369
LCC Data	FTE students (actual) ²	8,718
LCC Data	Staff ²	913
LCC Data	Total campus users (FTE students + staff)	9,631
LCC Data	Building square footage ³	1,304,011
Student Water Costs	Total water cost per student FTE per year (dollars)	\$ 17.71
	Total water cost per campus user per year (dollars)	\$ 16.03
Costs Per SqFt.	Total water cost use per building square foot per year (\$/ft2)	\$ 0.12

FY 2017 Building Conditioned Square Footage**

Main Campus

Building #	Building Name	1996 - 2015	New SqFt this Fiscal Year	Total SqFt
000	Center	184,800		184,800
001	Student Services	38,903		38,903
002	Business	19,358		19,358
003	Administration	15,896		15,896
004	Health Technology	43,119		43,119
005	Physical Education	105,485		105,485
006	Performing Arts	48,507		48,507
007	Campus Services	37,796		37,796
008	Welding Technology	21,236		21,236
009	Auto/Diesel Technology	37,529		37,529
010	RTEC/Art	73,615		73,615
011	Art/GED	38,884		38,884
012	Machine Technology	60,266		60,266
013	Electronic Annex	7,179		7,179
014	Chiller Building		2,750	2,750
015	Electronics	17,077		17,077
016	Science	86,917		86,917
017	Forum	15,176		15,176
018	Industrial Technology	19,656		19,656
019	Work Force Training^	89,281		89,281
024	Child Care Center #1	3,091		3,091
025	Child Care Center #2	3,431		3,431
026	Child Care Center #3	6,490		6,490
027	Child Care Center #4	4,415		4,415
030	Health & Wellness	40,561		40,561
031	Native American Longhouse	6,543		6,543
	Main Campus Sub-Total	1,025,209	2,750	1,027,959

* 1/08 audit 6 buidngs total in 1996. Three demolished in 2002. 2 sold in FY2006. 1 demolished 2007. 1 ownership transferred in FY2015. 1 sold in FY2016.

^ 2005-08 BLD 19 square footage calculations for new additions did not include offices and stroage rooms.

** Implemented 2012 facility square footage recalculations. Reduction from FY 1996-2011 years of (26,776) sq ft.

Other Main Campus Facilities

Building #	Building Name	1996 - 2011	New SqFt this Fiscal Year	Total SqFt
023	FM&P Nursery	1500		1500
029	Comminutor Shed (WW Treatment)	660		660
032	FM&P Storage	2240		2240
033	Test Cells	3100		3100
034	Cooling Tower	1752		1752
035	PA Storage	2890		2890
036	PE Storage	1430		1430
037	Greenhouse	240		240
038	Chemical Storage Facility	297		297
n/a	3 Stop Exterior Elevator	100		100
n/a	3 Stop Exterior Elevator	160		160
n/a	Bus Station	1944		1944
n/a	Solar Station	5390		5390
	Other Main Campus Facilities Sub-Total	21703	0	21703

Branch Campuses

Building #	Building Name	1996 - 2013	New SqFt this Fiscal Year	Total SqFt
041	DTC	65,956		65,956
042	KLCC 136 w. 8th Ave.	8,200		8,200
043	Flight Tech Operations	3,680		3,680
044	Flight Tech Center	5,063		5,063
045	Flight Tech Hanger	3,710		3,710
046	Aviation Maintenance Training Facility	25,060		25,060
047	AMTF Hangar	3,710		3,710
047-P	AMTF Paint Booth	760		760
049	Cottage Grove Center (new)	19,109		19,109
050	Florence Center	17,426		17,426
061	Downtown Campus Academic	101,856		101,856
062	Downtown Campus Residential	89,733		89,733
	Branch Campuses Sub-Total	152,674	0	344,262

GRAND TOTAL

2,750 1,393,924

Campuses Managed by Other Entities

Building #	Building Name	1996 - 2013	New SqFt this Fiscal Year	Total SqFt
062	Downtown Campus Residential	89,733		89,733
	Campuses Managed By Others Sub-Total	89,733	0	89,733

GRAND TOTAL LANE MANAGED

1,304,192