

The Regents of the University of Colorado

Financial and Operating Data, Fiscal Year 2019

Rule 15(C)2-12 Disclosure Undertaking

Pro Forma Debt Service Coverage¹

The Gross Revenues for the Fiscal Year ended June 30, 2019 as such term is defined in the Resolution, (including the Build America Bond Subsidy Payments and QECB Subsidy Payments received in FY 2019 with respect to the Subseries 2009 B-2, Series 2010A Bonds and the annual with respect to the Series 2010C that totaled \$3.204 million) equaled \$1,736,253,000. FY 2019 Operating and Maintenance Expenses (as defined in the Resolution) were \$426,191,000. Therefore, the Net Revenues for Fiscal Year 2019 as calculated in accordance with the Resolution, were \$1,310,062,000.

Fiscal Year 2018 Net Revenues, so calculated, divided by the Maximum Annual Debt Service as of 6/30/19 of \$135,481,000 payable on Outstanding Parity Bonds of \$1,471,975,000 was 9.7x.

¹Historical Data. No representation is made as to future pro-forma debt service coverage. The University issued \$249,875,000 Series 2019 A and A2 Refunding Bonds and \$294,420,000 Series 2019 B&C Revenue and Revenue Refunding Bonds subsequent to the close of FY19 in September and October of 2019.

Outstanding Long-Term Obligations of the University of Colorado June 30, 2019

Long-Term Obligations	Final Maturity	Interest Rate	Original Amount Issued	Outstanding
Revenue Bonds				
University Enterprise Revenue Refunding Bonds, Series 2007A	2033	5.00	184,180,000	27,725,000
Tax-Exempt University Enterprise Refunding Revenue Bonds, Series 2009C	2026	4.00	24,510,000	2,270,000
Taxable University Enterprise Revenue Bonds, Series 2010A (BAB)	2035	3.67 to 3.72	35,510,000	25,060,000
Tax-Exempt University Enterprise Refunding Revenue Bonds, Series 2010B	2023	4.00 to 5.00	56,905,000	15,020,000
Taxable University Enterprise Revenue Bonds, Series 2010C (QECB)	2020	3.72 to 3.77	4,375,000	2,540,000
University Enterprise Revenue Bonds, Series 2011A	2041	4.00 to 5.00	203,425,000	29,825,000
University Enterprise Revenue Refunding Bonds, Series 2011B	2024	3.00 to 5.00	52,600,000	30,585,000
University Enterprise Revenue Refunding Bonds, Series 2012A-1	2029	2.00 to 5.00	121,850,000	114,515,000
University Enterprise Revenue Refunding Bonds, Series 2012A-2	2035	3.25 to 5.00	53,000,000	43,015,000
University Enterprise Revenue Refunding Bonds, Series 2012A-3	2030	3.00 to 5.00	47,165,000	33,935,000
University Enterprise Revenue Bonds, Series 2012B	2042	5.00	95,705,000	16,020,000
Tax-Exempt University Enterprise Revenue Bonds, Series 2013A	2043	5.00	142,460,000	11,075,000
Taxable University Enterprise Revenue Bonds, Series 2013B	2043	2.639 to 5.177	11,245,000	10,295,000
Tax-Exempt University Enterprise Revenue Bonds, Series 2014A	2046	5.00	203,485,000	32,980,000
Tax-Exempt University Enterprise Refunding Revenue Bonds, Series 2014B1	2034	2.00 to 5.00	100,440,000	95,180,000
Tax-Exempt University Enterprise Refunding Revenue Bonds, Series 2015A	2038	2.00 to 5.00	102,450,000	94,860,000
Tax-Exempt University Enterprise Refunding Revenue Bonds, Series 2015B	2033	2.00 to 5.00	3,925,000	2,800,000
Taxable University Enterprise Refunding Revenue Bonds, Series 2015C	2027	1.781 to 3.039	71,325,000	65,135,000
Tax-Exempt University Enterprise Revenue Bonds, Series 2016A	2047	1.50 to 5.00	31,430,000	30,675,000
Tax-Exempt University Enterprise Revenue Refunding Bonds, Series 2016B-1	2039	2.22 to 5.00	156,810,000	154,450,000
Tax-Exempt University Enterprise Revenue Refunding Bonds, Series 2017A-1	2034	2.00 to 5.00	66,930,000	51,485,000
Tax-Exempt University Enterprise Revenue Refunding Bonds, Series 2017A-2	2046	3.00 to 5.00	471,390,000	470,155,000
Tax-Exempt University Enterprise Revenue Refunding Bonds, Series 2018A	2020	Variable	48,015,000	48,015,000
Tax-Exempt University Enterprise Revenue Refunding Bonds, Series 2018B	2048	2.50 to 5.00	64,360,000	64,360,000
Total Revenue Bonds		_	\$2,353,490,000	\$1,471,975,000
Other Long-Term Obligations				
CU Medicine Private Placement Fixed Rate Bonds Series 2014(1)	2025	2.3	11,695,000	6,305,000
Total Other Long-Term Obligations			\$11,695,000	\$6,305,000
Total Revenue Bonds & Other Obligations		=	\$2 ,365,185,000	\$1,478,280,000

¹ Issued to refund bonds, the proceeds of which financed the University Physicians Inc. (UPI) building.

Gross Revenues, Operation and Maintenance Expenses Closed Lien Bond Obligation Expenses and Net Revenue (1) (000's)

For the Fiscal Year Ended June 30 2015 2016 2019 2017 2018 Gross Revenues: **Facilities Housing Operations** \$ 127,501 136,996 146,501 152,691 155,417 \$ \$ Student Enterprises 32,425 28,105 27,552 23,782 26,735 **Parking Operations** 17,076 18,025 18,926 20,268 21,881 Intercollegiate Athletics 50,744 58,107 75,341 73,878 77,992 **Bookstore Operations** 23,516 23,457 23,730 24,061 23,258 **Telecommunications** 14,090 11,683 12,527 11,946 14,391 **Total Facilities** 262,946 277,217 303,997 308,769 319,675 Student Fees 2 53.218 56.266 58.914 64.239 59.736 Other Self-funded Services 75,480 89,165 76,067 84,151 101,260 Research Support Services 22,600 23,631 25,321 26,639 28,173 Indirect Cost Recovery 162,847 165,352 169,538 206,464 214,099 Student Tuition ³ 80,054 846,334 901,918 959,996 1,010,106 \$ Total Gross Revenues 4 657,733 \$ 1,444,281 1,543,840 \$ 1,655,273 1,733,049 Operating and Maintenance \$ **Auxiliary Facilities** 222,155 234,660 \$ 249,027 259.541 269,604 \$ 108,678 Other Self-funded Services 74,295 78,905 80,380 88,745 Research Support Services 31,074 32,276 34,350 44,731 47,909 Total Operating and Maintenance 393,018 \$ Expenses: \$ 327.524 345,841 363,757 426,191 Closed Lien Bond Debt Service 5 Principal and Interest - Enterprise System Bonds 1,087 Net Revenues \$ 329,121 \$ 1,098,440 \$ 1.180.083 \$ 1.262.255 1.306.857

¹ This table shows historical information concerning the Gross Revenues, Operation and Maintenance Expenses, Closed lien Bond debt service and Net Revenues (each as defined in the Resolution). The Board previously had Closed lien Bonds outstanding payable from the Net Revenues on a basis senior to the Outstanding Parity Bonds. No Closed Lien Bonds remain outstanding as of the date hereof.

² Includes Facilities Construction Fees.

³ The numbers for student tuition in this table for the Fiscal Year ended June 30, 2015 reflect only 10% of the Gross Revenues. In years subsequent to 2015, Gross Revenues were permitted by Colorado law to include 100% of the Tuition Revenues received by the University. See "THE NET REVENUES - Tuition Revenues."

⁴ Gross Revenues as shown on this table do not include Subsidy Payments received with respect to the Subseries 2009B-2 Bonds, the Series 2010A Bonds and the Series 2010C Bonds which are included as Gross Revenues under the Resolution. See "DEBT SERVICE REQUIREMENTS - Debt Service Coverage."

⁵ The "Closed Lien Bond Debt Service" includes debt service for the Closed Lien Bonds, all of which have been retired. Source: University of Colorado, Office of the Treasurer

New Undergraduate Applications and Enrollments

University of Colorado at Boulder Applications and Enrollment

Fall Semester	Applications	Acceptances	Matriculations
2015	34,292	27,082	7,423
2016	37,001	28,229	7,693
2017	36,776	31,416	8,088
2018	40,605	32,851	8,345
2019	44,721	34,968	8,787

University of Colorado at Colorado Springs Applications and Enrollment

Fall Semester	Applications	Acceptances	Matriculations
2015	12,956	9,576	2,724
2016	11,799	10,953	3,210
2017	12,121	11,293	3,169
2018	12,169	11,056	3,061
2019	12,750	11,268	2,765

University of Colorado Denver Applications and Enrollment

Applications	Acceptances	Matriculations
12,850	8,522	3,017
12,063	10,444	3,167
12,292	10,522	3,209
11,839	10,001	3,379
13,519	9,188	3,318
	12,850 12,063 12,292 11,839	12,850 8,522 12,063 10,444 12,292 10,522 11,839 10,001

Source: SURDS Undergraduate Application File; CU System Office of Institutional Research. FY19 Preliminary.

FALL HEADCOUNT ENROLLMENT

University of Colorado at Boulder Fall Headcount Enrollment

Fall Semester	Residents	Non- Residents	Undergraduate	Graduate	Total Students
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2015	19,109	12,191	25,864	5,436	31,300
2016	19,321	12,949	26,726	5,544	32,270
2017	19,908	13,773	27,966	5,715	33,681
2018	20,377	14,493	28,990	5,880	34,870
2019	21,061	14,906	29,928	6,039	35,967

University of Colorado at Colorado Springs Fall Headcount Enrollment

Fall Semester	Residents	Non- Residents	Undergraduate	Graduate	Total Students
2015	9,852	1,447	9,618	1,681	11,299
2016	10,283	1,712	10,187	1,808	11,995
2017	10,612	1,810	10,437	1,985	12,422
2018	10,787	1,787	10,528	2,046	12,574
2019	10,517	1,663	10,196	1,984	12,180

University of Colorado Denver/Anschutz Medical Campus Fall Headcount Enrollment

Fall Semester	Residents	Non- Residents	Undergraduate	Graduate	Total Students
2015	15,394	3,023	10,551	7,866	18,417
2016	15,880	3,057	10,972	7,965	18,937
2017	16,105	3,167	11,294	7,978	19,272
2018	16,371	3,187	11,629	7,929	19,558
2019	16,152	3,087	11,407	7,832	19,239

University of Colorado Consolidated Fall Headcount Enrollment

Fall Semester	Residents	Non- Residents	Undergraduate	Graduate	Total Students
2015	44,355	16,661	46,033	14,983	61,016
2016	45,484	17,718	47,885	15,317	63,202
2017	46,625	18,750	49,697	15,678	65,375
2018	47,535	19,467	51,147	15,855	67,002
2019	47,730	19,656	51,531	15,855	67,386

FTE STUDENT ENROLLMENT

University of Colorado at Boulder FTE Enrollment

Fiscal Year	Residents	Non-Residents	Undergraduate	Graduate	Total Campus FTE
2015	16,683	10,029	23,975	2,737	26,712
2016	16,726	10,818	24,594	2,950	27,544
2017	17,007	11,556	25,532	3,031	28,563
2018	17,876	12,512	26,454	3,935	30,389
2019	18,200	13,101	27,303	3,998	31,389

University of Colorado at Colorado Springs FTE Enrollment

Residents	Non-Residents	Undergraduate	Graduate	Total Campus FTE
7,917	1,144	8,204	857	9,061
8,055	1,143	8,390	809	9,199
8,446	1,276	8,887	834	9,721
8,620	1,366	9,059	927	9,986
8,934	1,411	9,140	1,204	10,334
	7,917 8,055 8,446 8,620	7,917 1,144 8,055 1,143 8,446 1,276 8,620 1,366	7,917 1,144 8,204 8,055 1,143 8,390 8,446 1,276 8,887 8,620 1,366 9,059	7,917 1,144 8,204 857 8,055 1,143 8,390 809 8,446 1,276 8,887 834 8,620 1,366 9,059 927

University of Colorado Denver FTE Enrollment

Fiscal Year	Residents	Non-Residents	Undergraduate	Graduate	Total Campus FTE
2015	8,694	1,752	8,258	2,188	10,446
2016	8,816	1,608	8,323	2,101	10,424
2017	9,199	1,626	8,773	2,052	10,825
2018	9,343	1,750	9,041	2,052	11,093
2019	10,026	1,850	9,359	2,517	11,876

University of Colorado Consolidated FTE Enrollment

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Fiscal Year	Residents	Non-Residents	Undergraduate	Graduate	Total Campus FTE
2015	33,294	12,925	40,437	5,782	46,219
2016	33,597	13,569	41,307	5,860	47,167
2017	34,652	14,458	43,192	5,917	49,109
2018	35,839	15,628	44,554	6,914	51,468
2019	37,160	16,362	45,802	7,719	53,521

Source: Colorado Department of Higher Education Final SFTE Enrollment Report; CU System Office of Institutional Research

COMPARISON OF COLORADO INSTITUTIONS

	Undergraduate Tuition and Mandatory Student Fees(\$'s) 1						
Institution	2015-16	2016-17	2017-18	2018-19	2019-20		
Colorado College (Colorado Springs)	48,996	50,892	52,818	55,470	\$57,612		
University of Denver	44,178	46,422	48,669	50,556	\$53,792		
Colorado School of Mines (Golden) ²	19,603	20,118	20,636	21,454	\$21,882		
University of Colorado Boulder ²	13,341	13,781	14,336	15,022	\$15,320		
University of Colorado Colorado Springs ²	11,678	12,113	12,451	12,953	\$13,283		
University of Colorado Denver ²	12,639	12,991	13,508	13,885	\$14,267		
Colorado State University (Fort Collins) ²	12,807	13,302	13,829	14,322	\$14,878		

¹ Academic years.

Source: IPEDS, Colorado Department of Higher Education Tuition and Fee Reports, posted rates on institution website Summary Prepared by: CU System Office of Institutional Research

² Tuition for public institutions based on full-time resident tuition for Arts & Sciences/Liberal Arts undergraduate courses and includes mandatory fees and the Colorado Opportunity Fund payments technically characterized as tuition which were \$2,250 in FY16 to FY18, \$2490 in FY19 and \$2820 in FY20

UNIVERSITY OF COLORADO

Student Financial Assistance Fiscal Year 2019

		Colorado		Anschutz Medical	
	Boulder	Springs	Denver	Campus	Total
Total Students Receiving Financial Assistance (unduplicated) Type of Students Receiving Financial Assistance:	23,655	9,122	11,715	4,141	48,633
Resident Undergraduate	12,085	7,137	7,859	547	27,628
Non-Resident Undergraduate	5,940	785	729	45	7,499
Resident Graduate	3,714	1,017	2,496	2,662	9,889
Non-Resident Graduate	1,916	183	631	887	3,617
Sources (Amounts in 000's):					
Federal Pell	\$23,282	\$15,429	\$19,097	\$591	\$58,398
Other Federal Assistance	\$6,641	\$1,552	\$2,830	\$5 <i>,</i> 197	\$16,221
State Assistance	\$13,229	\$9,304	\$12,107	\$6,091	\$40,731
Institutional Aid	\$161,786	\$17,076	\$21,059	\$16,755	\$216,677
Other Scholarships	\$36,245	\$2,461	\$4,300	\$789	\$43,795
Federal Loans	\$151,859	\$67,215	\$85,084	\$104,557	\$408,715
Total All Sources	\$393,043	\$113,037	\$144,477	\$133,979	\$784,537

Source: SURDS Financial Aid File; CU System Office of Institutional Research-dollar amounts in thousands

UNIVERSITY OF COLORADO GRANTS AND CONTRACTS (000,000'S)

Awarded in Fiscal Year Ended June 30

Awards Granted	2015	2016	2017	2018	2019
Boulder	\$425.6	\$436.8	\$507.9	\$511.1	\$630.9
Colorado Springs	10.3	8.0	10.2	6.9	8.0
Denver/Anschutz	442.5	<u>479.1</u>	<u>516.2</u>	<u>535.1</u>	<u>577.0</u>
Total	\$878.3	\$923.9	\$1,034.3	\$1,053.1	\$1,215.9
Kind of Awards					
Federal Awards	\$568.70	\$606.10	637.1	663.5	\$771.0
Non-Federal Awards	<u>309.7</u>	<u>317.8</u>	<u>397.3</u>	<u>389.6</u>	<u>\$444.9</u>
Total	\$878.3	\$923.9	\$1,034.3	\$1,053.1	\$1,215.9

Summary Prepared by CU System Office of Institutional Research; FY 2019 includes \$56.5 million in gifts supporting research at CU Boulder.

University of Colorado at Boulder

	Total				
	Reside	ent	Non-Res	Mandatory	
Academic Year	Undergraduate ³	Graduate	Undergraduate	Graduate	Student Fees ²
2015-2016	\$11,562	\$10,530	\$32,346	\$27,828	\$1,779
2016-2017	\$12,018	\$10,836	\$33,316	\$28,656	\$1,763
2017-2018	\$12,558	\$11,160	\$34,382	\$29,502	\$1,838
2018-2019	\$13,280	\$11,494	\$35,482	\$30,388	\$1,804
2019-2020	\$13,548	\$11,826	\$36,546	\$31,284	\$1,772

¹ This is tuition for Arts & Sciences. A differential tuition is paid by students studying Law, Engineering, Journalism, Music and Business.

Source: University of Colorado Tuition Schedules; CU-System Office of Institutional Research

University of Colorado at Colorado Springs

		Total			
	Reside	nt	Non-Res	Mandatory	
Academic Year	Undergraduate ²	Graduate	Undergraduate	Graduate	Student Fees
2015-2016	\$10,230	\$10,368	\$20,850	\$24,216	\$1,448
2016-2017	\$10,530	\$11,640	\$21,690	\$25,200	\$1,583
2017-2018	\$10,920	\$12,120	\$22,590	\$26,232	\$1,591
2018-2019	\$11,400	\$12,480	\$23,280	\$27,024	\$1,613
2019-2020	\$11,670	\$12,864	\$23,970	\$27,840	\$1,613

¹ Undergraduate Tuition represents tuition for Arts & Sciences. A differential tuition is paid by students in upper division Education, Business, Engineering or Nursing and graduate level Public Affairs, Education, Business, Engineering, Geropsychology and Nursing.

Sources: University of Colorado Tuition Schedules; CU-System Office of Institutional Research

² These include UCSU student activity, Career Services, Student Capital Construction, RTD (bus pass), Student Computing, Student Information System (SIS), and Athletic Title IX fees. In addition, only graduate students pay an additional \$9 on-top of the above total for the United Government of Graduate Students fee.

³ Tuition rates for undergraduate residents include the amount that is covered by the College Opportunity Fund (COF). The COF stipend equaled \$2,250 in FY16 and FY17, \$2,310 in FY18, \$2,490 in FY19 and \$2,820 in FY20.

² Tuition rates for undergraduate residents include the amount offset by the College Opportunity Fund (COF). The COF stipend equaled \$2,250 in FY16 and FY17, \$2,310 in FY18, \$2,490 in FY19 and \$2,820 in FY20.

ANNUAL TUITION AND MANDATORY FEES

University of Colorado Denver Downtown Campus

		Total					
	Resident			Non-Resident			
Academic Year	Undergraduate ²	Graduate	Undergraduate	Graduate	Student Fees		
2014-2015	\$11,340	\$8,688	\$28,020	\$27,144	\$1,299		
2015-2016	\$11,670	\$8,952	\$29,040	\$29,832	\$1,321		
2016-2017	\$12,030	\$8,952	\$29,910	\$29,832	\$1,538		
2017-2018	\$12,450	\$9,048	\$30,510	\$30,120	\$1,495		
2018-2019	\$12,720	\$9,048	\$30,510	\$30,120	\$1,547		

¹ This is tuition for Arts & Sciences. A differential tuition is paid by non A&S students.

Sources: University of Colorado Tuition Schedules; CU-System Office of Institutional Research

University of Colorado Anschutz Medical Campus 1,2

Academic Years

	2015-2	2016	2016-2	2017	2017-2	2018	2018-20	<u> 19</u>	2019-20	<u> 20</u>
		Non-		Non-		Non-		Non-		Non-
	Res.	Res.	Res.							
Medicine	\$35,678	\$83,290	\$36,748	\$83,290	\$37,850	\$83,290	\$39,364	\$83,290	\$40,939	\$83,290
Dentistry	\$33,330	\$72,608	\$34,580	\$74,060	\$36,205	\$75,541	\$37,653	\$78,630	\$38,763	\$80,989
Nursing	\$14,040	\$24,480	\$14,640	\$24,480	\$15,240	\$24,720	\$15,720	\$25,440	\$16,560	\$26,760
Pharmaceutical	\$26,623	\$39,870	\$27,688	\$39,870	\$29,000	\$39,870	\$30,160	\$39,870	\$31,375	\$39,870
Public Health	\$17,592	\$29,160	\$18,480	\$29,160	\$18,672	\$29,160	\$19,032	\$30,888	\$19,992	\$32,424

¹ Nursing and Public Health tuition based on master's degree level; all others first professional (MD, DDS, PharmD).

Source: University of Colorado Tuition Schedules; CU System Office of Institutional Research

² Tuition rates include the amount offset by the College Opportunity Fund (COF). The COF stipend equaled \$2,250 in FY16 and FY17, \$2,310 in FY18, \$2,490 in FY19 and \$2,820 in FY20.

² Medicine and Dentistry show maximum tuition rate including annual mandatory program fees.

Fee for Service Contract Payments

Fiscal Years 2015-2019

(\$000's)

Fiscal Year	Amount Paid
2015	104,745
2016	121,440
2017	121,872
2018	126,706
2019	143,433

Source: CU-System Office of Controller