

UNIVERSITY OF OREGON

Long-Term Projections Education & General Fund

September 2023

Board of Trustees of the University of Oregon

Long-Term Projection Model Scenarios

- The purpose of this analysis is to show the range of E&G fund budget scenarios that the University could be facing over the next five years, given different assumptions about tuition rates, state appropriation levels, enrollment levels and inflation.
- We are not forecasting any one specific scenario, but instead are trying to illustrate the projected impact of various potential assumptions
- If some of these adverse scenarios were to materialize, the institution would need to take budget actions to balance projected revenue and expenses. The projected financials do not include these cost cutting actions, as we wanted the board to have information about the magnitude of the budget challenge we would face in each scenario

Long-Term Projection Model Scenarios

- The analysis includes three sets of scenarios based on different assumptions about how much the guaranteed tuition rate for incoming first year undergraduate cohorts increases each year:
 - Set A: 3.0% increase for non-residents / 3.0% increase for residents
 - Set B: 3.0% increase for non-residents / 4.0% increase for residents
 - Set C: 2.5% increase for non-residents / 3.0% increase for residents
- Within each set of scenarios, there are five different cases:
 - (1) Base Case 100% of Res/Non-Res Enrollment Targets
 - (2) Downside Case Below-Target Enrollment
 - (3) Downside Case State Funding Reductions
 - (4) Downside Case Extended Inflation
 - (5) Upside Case Above-Target Enrollment

Long-Term Projection Model Scenarios

- Basic Assumptions included in all scenarios:
 - Annualization of restaffing during FY23 and continued rebuilding of faculty over several years to build back from current pandemic lows
 - Supplies and Services assumed to return to pre-pandemic levels of activity, adjusted for inflation, as well as specific increases for property/liability insurance
 - Smaller PERS increase in FY2024 and flattening of PERS cost growth
 - Unless otherwise indicated, state appropriation assumed to grow modestly (e.g., 4%) per year
 - No additional cost cutting measures assumed (e.g. skipping strategic investment process, budget cuts, etc.)

Illustrative Assumptions Scenario A-1 Base Case

Non-Resident 102.5% 85.9% 105.0% 116.1% 100.0% 100.0% 100.0% 100.0%	100.0% 100.0% 100.0%
Non-Resident Regular International 2,259 2,270 2,320 2,495 2,595 2,984 2,934 2,884 FTF Total 300 300 300 300 300 150 150 150 FTF Total 4,439 4,450 4,500 4,675 4,775 5,315 5,265 5,334 Enrollment % of Target Resident FY2020 FY2021 FY2022 FY2023 FY2024 FY2025 FY2026 FY2027 FY2027 FY2027 Non-Resident 116.3% 107.8% 116.2% 130.1% 135.0% 100.0% 10	3,024 150 5,474 28 100.0% 100.0%
FTF Total 4,439 4,450 4,500 4,675 4,775 5,315 5,265 5,334 Enrollment % of Target Resident FY2020 FY2021 FY2022 FY2023 FY2024 FY2025 FY2026 FY2027 FY2027 Non-Resident 116.3% 107.8% 116.2% 130.1% 135.0% 100.0%	5,474 8 100.0% 100.0% 100.0%
Frollment % of Target FY2020 FY2021 FY2022 FY2023 FY2024 FY2025 FY2026 FY2027 FY2027 Resident 116.3% 107.8% 116.2% 130.1% 135.0% 100.0%	2 8 100.0% 100.0% 100.0%
Resident 116.3% 107.8% 116.2% 130.1% 135.0% 100.0	100.0% 100.0% 100.0%
Resident 116.3% 107.8% 116.2% 130.1% 135.0% 100.0	100.0% 100.0% 100.0%
Non-Resident 102.5% 85.9% 105.0% 116.1% 100.0% 10	100.0% 100.0%
Regular International 85.0% 27.0% 38.8% 47.5% 47.5% 100.0% 100.0%	100.0%
Enrollment FY2020 FY2021 FY2022 FY2023 FY2024 FY2025 FY2026 FY2027 FY202	8
Enrollment FY2020 FY2021 FY2022 FY2023 FY2024 FY2025 FY2026 FY2027 FY202	8
Resident 2,186 2,027 2,184 2,446 2,538 2,181 2,181 2,300	2,300
Non-Resident 2,314 1,951 2,436 2,897 2,595 2,984 2,934 2,884	3,024
Regular International 255 81 116 143 143 150 150	150
FTF Total 4,755 4,059 4,736 5,485 5,276 5,315 5,265 5,334	5,474
Resident Transfer 686 674 735 651 700 700 700	700
Non-Res Transfer 240 241 281 285 250 250 250	250
Transfer and Other Total 926 915 1,016 936 950 950 950	950
Total New Enrollment 5,681 4,974 5,752 6,421 6,226 6,265 6,215 6,284	6,424
UG STUDENT COUNTS (Fall Term) FY2020 FY2021 FY2022 FY2023 FY2024 FY2025 FY2026 FY2027 FY202	.8
Resident 10,517 10,182 10,299 10,394 10,731 10,774 10,735 10,692	10,565
Non-Resident 7,112 7,065 7,748 8,677 8,905 9,672 10,030 10,086<	10,386
Regular International 1,361 827 549 457 394 406 420 429	433
Total UG Enrollment 18,990 18,074 18,596 19,528 20,030 20,852 21,186 21,206 21	21,384

Illustrative Assumptions Scenario A-1 Base Case

UG Tuition Rate				FY2021		FY2022	FY2023		FY2024	FY2025	FY2026	F	FY2027		FY2028
Resident				9.8%		4.5%	4.5%		4.0%	3.0%	3.0%		3.0%		3.0%
Non-Resident				7.5%		3.0%	3.0%		3.8%	3.0%	3.0%		3.0%		3.0%
UG Remissions				FY2021		FY2022	FY2023		FY2024	FY2025	FY2026	F	FY2027		FY2028
Total UG Remissions %				15.8%		16.4%	16.6%		16.8%	18.1%	18.8%		19.8%		20.7%
Total UG Remissions \$			\$	52,357,113	\$	60,221,001 \$	68,997,934	\$	73,916,000	\$ 87,280,261 \$	95,610,909 \$	1	104,103,000	\$	114,295,000
	-														
		FY2020		FY2021		FY2022	FY2023		FY2024	FY2025	FY2026	F	FY2027		FY2028
State Appropriations	\$	FY2020 79,520,551	\$	FY2021 82,720,112	\$	FY2022 86,620,558 \$	FY2023 90,517,073	\$	FY2024 96,152,229	\$ FY2025 99,863,786 \$	FY2026 103,858,337 \$		FY2027 108,012,671	\$	FY2028 112,333,177
State Appropriations	\$		\$		\$			\$		\$				\$	
State Appropriations	\$		\$		\$			\$		\$		5 1		\$	
State Appropriations Beginning Fund Balance	\$	79,520,551	-	82,720,112	-	86,620,558 \$	90,517,073		96,152,229	99,863,786 \$	103,858,337 \$	5 1 F	108,012,671	-	112,333,177
	\$ \$ \$	79,520,551 FY2020	\$	82,720,112 FY2021	\$	86,620,558 \$ FY2022	90,517,073 FY2023	\$	96,152,229 FY2024 114,255,433	99,863,786 \$ FY2025	103,858,337 \$ FY2026	5 1 F	108,012,671 F Y2027	\$	112,333,177 FY2028
Beginning Fund Balance	\$ \$ \$ \$	79,520,551 FY2020 63,821,674	\$ \$	82,720,112 FY2021 54,401,248	\$ \$	86,620,558 \$ FY2022 61,285,476 \$	90,517,073 FY2023 93,476,329	\$ \$	96,152,229 FY2024 114,255,433	\$ 99,863,786 \$ FY2025 120,826,877 \$	103,858,337 \$ FY2026 145,395,894 \$	5 1 F 5 1	108,012,671 F Y2027 160,592,738	\$ \$	112,333,177 FY2028 163,668,704

Illustrative Financials

Scenario A-1 Base Case

	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
REVENUE						
Undergraduate Tuition	\$ 428,738,688	\$ 452,178,916	\$ 495,451,010	\$ 523,171,250	\$ 540,888,240	\$ 567,481,575
Graduate Tuition	\$ 83,314,101	\$ 88,939,067	\$ 91,638,580	\$ 94,419,142	\$ 97,283,189	\$ 100,233,228
Summer Tuition	\$ 14,177,827	\$ 17,973,652	\$ 18,851,491	\$ 20,251,628	\$ 21,211,210	\$ 21,897,619
Student Fees, Remissions and Other	\$ (48,317,689)	\$ (52,496,611)	\$ (65,088,514)	\$ (72,612,048)	\$ (80,260,705)	\$ (89,571,317)
Total Tuition and Fees	\$ 477,912,928	\$ 506,595,024	\$ 540,852,567	\$ 565,229,972	\$ 579,121,933	\$ 600,041,104
State Appropriation	\$ 90,517,073	\$ 96,152,229	\$ 99,863,786	\$ 103,858,337	\$ 108,012,671	\$ 112,333,177
Gifts, Grants, and Contracts	\$ 169,700	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
ICC Revenue	\$ 30,402,907	\$ 30,400,000	\$ 31,920,000	\$ 33,516,000	\$ 35,191,800	\$ 36,951,390
Interest & Investment	\$ 10,558,040	\$ 11,000,000	\$ 11,220,000	\$ 11,444,400	\$ 11,673,288	\$ 11,906,754
Other Revenues	\$ 8,892,972	\$ 9,000,000	\$ 9,000,000	\$ 9,000,000	\$ 9,000,000	\$ 9,000,000
Total Revenue	\$ 618,453,620	\$ 653,347,253	\$ 693,056,352	\$ 723,248,709	\$ 743,199,691	\$ 770,432,425
EXPENSES						
Personnel	\$ 459,391,812	\$ 503,337,219	\$ 525,121,639	\$ 559,152,027	\$ 585,601,392	\$ 614,685,589
S&S	\$ 104,732,222	\$ 115,269,855	\$ 119,083,168	\$ 122,060,248	\$ 125,111,754	\$ 128,239,548
Student Aid	\$ 4,272,382	\$ 4,229,658	\$ 4,356,548	\$ 4,465,462	\$ 4,577,098	\$ 4,691,526
Capital Outlay	\$ 4,706,874	\$ 4,706,874	\$ 4,848,080	\$ 4,969,282	\$ 5,093,515	\$ 5,220,852
Net Transfers	\$ 24,499,622	\$ 19,232,204	\$ 13,077,898	\$ 13,404,846	\$ 13,739,967	\$ 14,083,466
Cumulative Undistributed Strategic	\$ -	\$ -	\$ 2,000,000	\$ 4,000,000	\$ 5,999,999	\$ 7,999,998
Total Expenses	\$ 597,602,913	\$ 646,775,810	\$ 668,487,335	\$ 708,051,865	\$ 740,123,725	\$ 774,920,980
Accounting Adjustments	\$ 71,602	\$ -	\$ -	\$ -	\$ -	\$ -
One Time Federal Funds - Lost Reve	\$ 9,068	\$ -	\$ -	\$ -	\$ -	\$ -
Run Rate	\$ 20,788,172	\$ 6,571,444	\$ 24,569,017	\$ 15,196,844	\$ 3,075,966	\$ (4,488,554)
Beginning Fund Balance	\$ 93,476,329	\$ 114,255,433	\$ 120,826,877	\$ 145,395,894	\$ 160,592,738	\$ 163,668,704
Ending Fund Balance	\$ 114,264,500	\$ 120,826,877	\$ 145,395,894	\$ 160,592,738	\$ 163,668,704	\$ 159,180,150
Weeks of Operating Expenses	9.9	9.7	11.3	11.8	11.5	10.7

Set A of Scenarios: 3.0% Non-resident tuition rate increase & 3.0% resident tuition rate increase (entering cohorts)

Scenario A-1 (BASE CASE)										
	FY2023		FY2024		FY2025		FY2026		FY2027	FY2028
Net Run Rate	\$ 20,788,172	\$	6,571,444	\$	24,569,017	\$	15,196,844	\$	3,075,966	\$ (4,488,554
Ending Fund Balance	\$ 114,264,500	\$	120,826,877	\$	145,395,894	\$	160,592,738	\$	163,668,704	\$ 159,180,150
Weeks of Operating Expenses	9.9		9.7		11.3		11.8		11.5	10.7
Scenario A-2 Downside										
Non-Res FTF enrollment down -3%	FY2023		FY2024		FY2025		FY2026		FY2027	FY2028
Net Run Rate	\$ 20,788,172	\$	6,571,444	\$	20,610,038	\$	7,858,894	\$	(7,225,135)	\$ (17,514,200
Ending Fund Balance	\$ 114,264,500	\$	120,826,877	\$	141,436,915	\$	149,295,808	\$	142,070,674	\$ 124,556,474
Weeks of Operating Expenses	9.9		9.7		11.0		11.0		10.0	8.4
Scenario A-3 Downside										
State funding down -20% in FY26	FY2023		FY2024		FY2025		FY2026		FY2027	FY2028
Net Run Rate	\$ 20,788,172	\$	6,571,444	\$	24,569,017	\$	(8,797,708)	\$	(21,878,367)	\$ (30,441,061
Ending Fund Balance	\$ 114,264,500	\$	120,826,877	\$	145,395,894	\$	136,598,187	\$	114,719,820	\$ 84,278,758
Weeks of Operating Expenses	9.9		9.7		11.3		10.0		8.1	5.7
Scenario A-4 Downside										
Inflation of 2% above base in FY24-FY25	FY2023		FY2024		FY2025		FY2026		FY2027	FY2028
Net Run Rate	\$ 20,788,172	\$	(6,231,298)	\$	(2,086,211)	\$	(12,960,860)	\$	(26,284,502)	\$ (35,160,801
Ending Fund Balance	\$ 114,264,500	\$	108,024,135	\$	116,004,668	\$	124,048,674	\$	120,130,253	\$ 108,393,507
Weeks of Operating Expenses	9.9		8.5		8.7		8.8		8.1	7.0
Scenario A-5 Upside										
Res FTF up +8%, Non-Res FTF up +3%	FY2023		FY2024		FY2025		FY2026		FY2027	FY2028
Net Run Rate	\$ 20,788,172	Ś	6,571,444	Ś	30,431,316	Ś	26,304,866	Ś	17,350,083	\$ 12.481.365

Res FIF up +8%, Non-Res FIF up +3%	FY2023	FY2024	FY2025	FY2026	FY2U27	FYZUZ8
Net Run Rate	\$ 20,788,172	\$ 6,571,444	\$ 30,431,316	\$ 26,304,866	\$ 17,350,083	\$ 12,481,365
Ending Fund Balance	\$ 114,264,500	\$ 120,826,877	\$ 151,258,192	\$ 177,563,059	\$ 194,913,141	\$ 207,394,506
Weeks of Operating Expenses	9.9	9.7	11.8	13.0	13.7	13.9

Set B of Scenarios: 3.0% Non-resident tuition rate increase & 4.0% resident tuition rate increase (entering cohorts)

Scenario B-1 (BASE CASE)									
	FY2023		FY2024		FY2025	FY2026	FY2027		FY2028
Net Run Rate	\$ 20,788,172	\$	6,571,444	\$	24,920,935	\$ 16,258,974	\$ 5,226,468	\$	(960,758)
Ending Fund Balance	\$ 114,264,500	\$	120,826,877	\$	145,747,811	\$ 162,006,785	\$ 167,233,253	\$	166,272,495
Weeks of Operating Expenses	9.9		9.7		11.3	11.9	11.7		11.2
Scenario B-2 Downside									
Non-Res FTF enrollment down -3%	FY2023		FY2024		FY2025	FY2026	FY2027		FY2028
Net Run Rate	\$ 20,788,172	-	6,571,444	-	20,961,955	\$ 	\$ (5,074,633)	-	(13,986,404)
Ending Fund Balance	\$ 114,264,500	\$	120,826,877	\$	141,788,832	\$ 150,709,855	\$ 145,635,222	\$	131,648,819
Weeks of Operating Expenses	9.9		9.7		11.0	11.1	10.2		8.8
Scenario B-3 Downside									
State funding down -20% in FY26	FY2023		FY2024		FY2025	FY2026	FY2027		FY2028
Net Run Rate	\$ 20,788,172	\$	6,571,444	\$	24,920,935	\$ (7,735,578)	\$ (19,727,865)	-	(26,913,265)
Ending Fund Balance	\$ 114,264,500	\$	120,826,877	\$	145,747,811	\$ 138,012,233	\$ 118,284,368	\$	91,371,103
Weeks of Operating Expenses	9.9		9.7		11.3	10.1	8.3		6.1
Scenario B-4 Downside									
Inflation of 2% above base in FY24-FY25	FY2023		FY2024		FY2025	FY2026	FY2027		FY2028
Net Run Rate	\$ 20,788,172	\$	(6,231,298)	\$	(1,734,294)	\$ (11,898,730)	\$ (24,134,000)	\$	(31,633,005)
Ending Fund Balance	\$ 114,264,500	\$	108,024,135	\$	116,356,585	\$ 125,462,721	\$ 123,694,801	\$	115,485,852
Weeks of Operating Expenses	9.9		8.5		8.7	8.9	8.4		7.5
Scenario B-5 Upside									
Res FTF up +8%, Non-Res FTF up +3%	FY2023		FY2024		FY2025	FY2026	FY2027		FY2028
Net Run Rate	\$ 20,788,172	\$	6,571,444	\$	30,804,041	\$ 27,429,514	\$ 19,579,045	\$	16,107,293
Ending Fund Balance	\$ 114,264,500	\$	120,826,877	\$	151,630,918	\$ 179,060,431	\$ 198,639,476	\$	214,746,769
Weeks of Operating Expenses	9.9		9.7		11.8	13.2	14.0		14.4

Set C of Scenarios: 2.5% Non-resident tuition rate increase & 3.0% resident tuition rate increase (entering cohorts)

Scenario C-1 (BASE CASE)						
	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
Net Run Rate	\$ 20,788,172	\$ 6,571,444	\$ 23,912,509	\$ 13,315,498	\$ (519,728) \$	(10,357,318)
Ending Fund Balance	\$ 114,264,500	\$ 120,826,877	\$ 144,739,385	\$ 158,054,883	\$ 157,535,156 \$	147,177,838
Weeks of Operating Expenses	9.9	9.7	11.3	11.6	11.1	9.9
Scenario C-2 Downside						
Non-Res FTF enrollment down -3%	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
Net Run Rate	\$ 20,788,172	\$ 6,571,444	\$ 19,972,748	\$ 6,032,528	\$ (10,715,403) \$	(23,209,554)
Ending Fund Balance	\$ 114,264,500	\$ 120,826,877	\$ 140,799,624	\$ 146,832,153	\$ 136,116,750 \$	112,907,196

Scenario C-3 Downside						
State funding down -20% in FY26	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
Net Run Rate	\$ 20,788,172	\$ 6,571,444	\$ 23,912,509	\$ (10,679,053) \$	(25,474,061) \$	(36,309,824)
Ending Fund Balance	\$ 114,264,500	\$ 120,826,877	\$ 144,739,385	\$ 134,060,332 \$	108,586,271 \$	72,276,446
Weeks of Operating Expenses	9.9	9.7	11.3	9.8	7.6	4.9

9.7

11.0

10.8

9.6

7.6

9.9

Weeks of Operating Expenses

Scenario C-4 Downside						
Inflation of 2% above base in FY24-FY25	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
Net Run Rate	\$ 20,788,172 \$	(6,231,298) \$	(2,742,720) \$	(14,842,205) \$	(29,880,196) \$	(41,029,564)
Ending Fund Balance	\$ 114,264,500 \$	108,024,135 \$	115,348,159 \$	121,510,819 \$	113,996,704 \$	96,391,195
Weeks of Operating Expenses	9.9	8.5	8.6	8.6	7.7	6.2

Scenario C-5 Upside						
Res FTF up +8%, Non-Res FTF up +3%	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
Net Run Rate	\$ 20,788,172 \$	6,571,444	\$ 29,756,753	\$ 24,371,872 \$	13,655,352 \$	6,449,702
Ending Fund Balance	\$ 114,264,500 \$	120,826,877	\$ 150,583,630	\$ 174,955,502 \$	188,610,853 \$	195,060,556
Weeks of Operating Expenses	9.9	9.7	11.7	12.8	13.3	13.1