Understanding Subsidy

Budget Planning Council 11-27-23

This presentation is an introduction to how state subsidy revenues are attributed to the 13 public universities in Ohio

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	Budget & Financial Information	Operating Budget Details
	BUDGET FINANCIAL OVERVIEW	Click on a fiscal year range below for more information. Expand All Sections
	TUITION & FEES	FY 2024 – FY 2025 Operating Budget Details
	CAPITAL PLANNING	<u>FY2024</u>
Handbook ——	OPERATING BUDGET DETAILS	FY2024 State Share of Instruction (SSI) Handbooks University (PDF)
	CAMPUS ACCOUNTABILITY	College (PDF) FY2024 Final SSI Distributions
	HIGHER EDUCATION FACILITIES BONDS	<u>Universities</u> (XLSX) Community Colleges (XLSX) Allocations by Institution including capital component adjustment (XLSX)
Spreadsheet	STATE SHARE OF INSTRUCTION (SSI)	FY2024 First Half Projected SSI Distributions Universities (XLSX) Community_Colleges (XLSX)
	ALTERNATIVE RETIREMENT PLAN	Allocations by Institution including capital component adjustment (XLSX)
<u>https://hig</u>	<u>ghered.ohio.gov</u>	v/educators/budget-financial/operating-budget-details

Detailed information is available on the Ohio Department of Education web site – there is a Handbook which describes their allocation process and its major steps and a spreadsheet with all of the detailed calculations

FY24 State	Appropriation - Unive	rsities	• 2010-11 – shifted from enrollment based
Completions	485,453,790	30%	(butts-in-seats) to Performance Based Funding (course and degree completions)
Degrees	805,866,186	50%	 Includes Main and Regional Campuses –
Doctoral	189,862,073	12%	they were separate until 2016.
Medical	130,550,322	8%	Separate appropriation for Community
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The State Legislature previously appropriated revenue to fund activity in three sectors – Community Colleges, Regional Campuses and Main Campuses. In FY16 the allocations for Regional and Main campuses has become merged so there are now two sectors.

The State moved from an allocation based purely on enrollment (butts in seats) to a Performance Based Funding model where outcomes (course completions and degree completions) are emphasized.

For FY24, the Main Campus appropriation is \$1.61B. Within that appropriation, there are four separate pools associated with different areas. These create fixed pools that limit distribution of revenue such that growth in an area by one institution can affect its "slice of that pie" but if all institutions grow, no additional revenue will be allocated so each pie cannot grow in total size.

The four pools are detailed below:

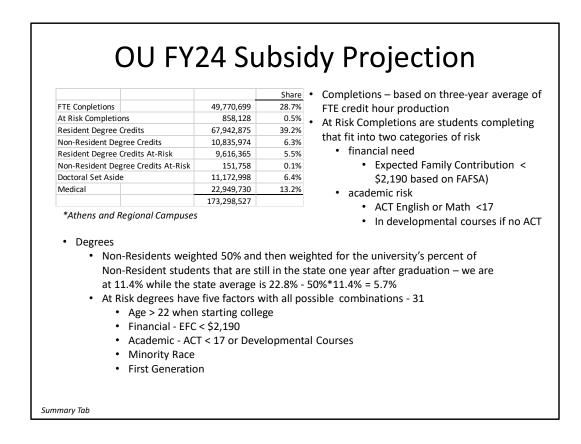
Completions – this is subsidy that is earned when students successfully complete a course. Students withdrawing, failing or getting an incomplete do not generate funding. There is an additional allocation for students with financial or academic risk completing a course to recognize the additional support (and costs) universities must provide to help at-risk students succeed.

Degrees – this is subsidy awarded at the time a student successfully completes a degree. There is some subsidy for out-of-state students that remain in the state to work after graduation, but this subsidy is a fraction of that for Ohio residents. There is also an added at-risk subsidy for students with five risk factors – age, financial, academic, race or first generation. This is to recognize the extra support (and cost) needed to help these students successfully complete a degree. 50% of the funding goes to degrees so the incentive for universities is to move students to successful degree completion.

Doctoral – this a separate pool for doctoral programs that includes allocations for course completions, degree completions and research funding.

Medical – a separate allocation for the medical school

Note that throughout this presentation the note in the bottom left corner is a reference to a tab in the ODHE subsidy spreadsheet where you can find the information on this slide.



In terms of the subsidy earned by OU, here are all the sources of subsidy and the amounts that we receive.

There are two amounts for course completions – the general subsidy for overall completions (\$50M) and the additional subsidy for at risk students completing courses (\$858K). Note that the At-Risk concept only applies to undergraduate students. Overall completions are for undergraduate and masters students. Doctoral is separate. All these numbers include regional campus activity as well.

There a four allocations for degrees when you combine resident and non-resident with At-Risk. We receive \$68M for Resident degree completions and \$10.8M for Non-resident degrees. In addition, there is an allocation for both of these groups for At-Risk students with five types of risk: age, financial, academic, race and first generation. The additional subsidy we get for students with any combination of these risk factors is \$9.6M for resident students and \$152K for non-resident students. As with completions, risk does not apply for masters degrees. Doctoral degrees are in a separate doctoral allocation.

		F	or	m	ula	a Su	b	sidy Taxonomy
Model	FY 2024 Model Costs	Level	Grad Weight	STEM Target % from FY 2007 Model run	Reimburs e-ment % of Cost	Reimburse- ment Cost FY 2024	•	Subsidy is earned though students completing courses 22 cost models • 13 Undergraduate
AH 1	\$9,893	UG	0	0	1.00	\$9,893		• 9 Masters
AH 2	\$14,268	UG	0	0		\$14,268		
AH 3	\$17,722	UG	0	0		\$17,722	•	Model Cost represents statewide three-year average
AH 4	\$25,215	UG	0	0		\$25,215		cost of producing an FTE (30 semester hours) in
AH 5 AH 6	\$41,603 \$37,838	Grad Grad	0.0425	0		\$43,371 \$39,447		
BES 1	\$9,726	UG	0.0425	0		\$9,726		different discipline groups)
BES 2	\$9,403	UG	0	0		\$9,403		 AH = Arts & Humanities
BES 3	\$12,825	UG	0	0		\$12,825		 BES = Business, Education & Social Science
BES 4	\$15,305	UG	0	0	1.00	\$15,305		
BES 5	\$23,170	Grad	0.0425	0		\$24,155		 STEM = Science, Technology, Engineering &
BES 6	\$25,931	Grad	0.0425	0		\$27,033		Math
BES 7	\$33,864	Grad	0.0425	0		\$35,303		
STEM 1	\$9,801	UG	0	0.00%	1.00	\$9,801	•	Currently based on FY19, FY20 and FY21 – three
STEM 2 STEM 3	\$12,983 \$14,920	UG UG	0	0.17%	1.00	\$13,005 \$24.096		year average lagged one year.
STEM 4	\$14,920	UG	0	69.20%	1.62	\$29,217		, , ,
STEM 5	\$21,746	UG	0	42.22%	1.42	\$30,927		Levels 1 & 2 = introductory / general education
STEM 6	\$20,099	Grad	0.0425	83.73%	1.8798	\$37,782	•	Level – UG=Undergraduate, Grad = Graduate
STEM 7	\$26,404	Grad	0.0425	39.55%	1.4380	\$37,971	•	-
STEM 8	\$42,099	Grad	0.0425	52.50%	1.5675	\$65,992	-	· ·
STEM 9	\$56,307	Grad	0.0425	9.36%	1.1361	\$63,968		calculation
Statewic				959,452,			•	Extra weighting for Graduate and STEM to get
Appropr	riation			485,453,	790			Reimbursement Cost
Effective	e Reimbus	ement Ra	ate	12	2.3%		•	Overall reimbursement is 12.3% of the cost

Now we will look at the details of how our course completion subsidy it earned.

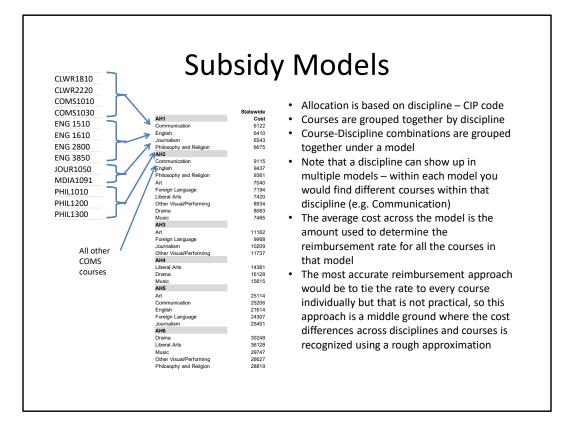
The first concept that is incorporated is the idea that the cost to produce credit hours is different for the level of the course (introductory, upper level major courses, masters courses) and the discipline. So, the state gathers cost data from all 13 universities to determine the cost of producing a Full-Time Equivalent (FTE) which is 30 semester hours – basically the credit a full-time student takes in a year.

The amount of subsidy provided for course completions is weighted by the cost of producing an FTE (30 SCH) across the state. To simplify the calculation while still reflecting the fact that courses in different disciplines and at different levels (intro, major and masters) have different costs, courses are lumped into one of 22 models containing courses with similar cost structures. There are three discipline groups – arts & humanities (AH), business, education and social science (BES) and science, technology, engineering and math (STEM) and the levels are represented by the various numbers. Models for graduate level courses indicated in the Level column.

Each model has a reimbursement cost which is a six-year statewide average across all 13 universities. Additional weighting is given to Graduate and STEM models to get the reimbursement cost for each model.

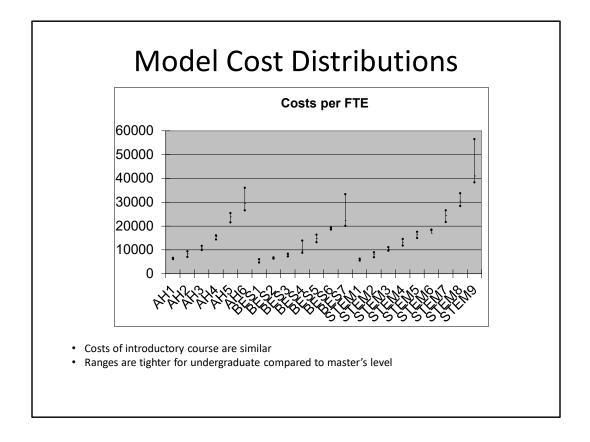
The sum of the costs for all the FTE produced across all 13 universities is \$3.9B. Since

the appropriation for completions is \$485M that means that the amount of Subsidy earned for credit hour production is a fixed percentage (12.3%) of the reimbursement cost for each model.



The groupings of courses into taxonomy model is actually done on the basis of subject field (equivalent to CIP code). Subjects cut across our internal "disciplines" as illustrated here – the courses in the communication subject for the AH1 taxonomy include two courses form classics & world religions and two from communication. In addition, note that a particular subject can appear in different taxonomy models indicating that courses have different cost levels – for example all the other undergraduate COMS courses fall into the communication subject under the AH2 model.

Note how the model groups together subject courses that have a similar statewide cost. The reimbursement cost for the overall model is the average of those subjects in that model so some disciplines with be reimbursed slightly above their average and some slightly below.



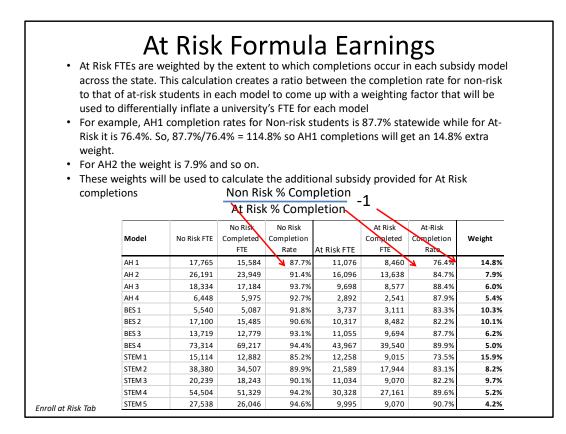
This graph shows the dispersion of the various costs for the subjects grouped into a model when this new taxonomy was first created. The little tick mark in the middle is the average which becomes the actual reimbursement cost for the group. Note how the lower level models have fairly tight distributions but as some of the upper levels the distributions expand and there is sometimes an overlap in costs – see for example BES 4 and 5 and STEM 5 and 6

		Οι	J Co	omp	letio	on E	arn	nings
Model	Reimbursement Cost	Completed FTE	At-Risk FTE	Completion SSI	At-Risk SSI	Total SSI	SSI oper Completed FTE	 Average of 3-years of data CY20, 21 and 22. Completing Ohio Pacident
AH 1	9,893	677	201	821,629	37,176	858,805	978	 Completions = Ohio Residents
AH 2	14,268	1,399	505	2,447,579	71,828	2,519,407	1,323	completing courses
AH 3	17,722	1,134	336	2,464,581	44,808	2,509,389	1,707	• At Risk are completions by
AH 4	25,215	360	92	1,111,781	15,874	1,127,655	2,498	 At Risk are completions by
AH 5	41,603	161	-	854,739	-	854,739	5,318	Ohio Residents that have one
AH 6	37,838	245	-	1,184,486	-	1,184,486	4,836	
BES 1	9,726	274	99	326,767	12,438	339,205	910	of the two or both (financial
BES 2	9,403	894	265	1,030,645	31,807	1,062,452	917	and academic) risk factors
BES 3	12,825	858	331	1,349,539	33,277	1,382,816	1,163	,
BES 4	15,305	3,719	1,177	6,978,445	113,016	7,091,461	1,448	when they started college –
BES 5	23,170	1,009	-	2,989,207	-	2,989,207	2,962	undergraduate only
BES 6	25,931	244	-	809,264	-	809,264	3,314	0 /
BES 7	33,864	297	-	1,286,018	-	1,286,018	4,328	 Reimbursement Cost is the
STEM 1 STEM 2	9,801	866	325 552	1,041,177	63,737 73.865	1,104,913	927	statewide cost to produce
STEM 3	12,983	815	249	2,568,486 2,408,370	72,975	2,642,352 2,481,345	2,332	•
STEM 4	14,920	3.320	1.411	11,893,532	267,610	2,461,545	2,552	those FTE#
STEIVI 4	21,746	5,520	1,411	1,972,599	19,716	1,992,314	3,113	• At risk is a very small fraction
STEM 6	20,099	105	- 120	484,800	19,710	484,800	4,632	,
STEM 7	26,404	786		3.660.560		3.660.560	4,032	of total funding <1.7%
STEM 8	42,099	225	-	1,823,673	-	1,823,673	8,091	• Graduate FTE is 15.9% of the
STEM 9	56,307	34	-	262,824	-	262,824	7,843	
	22,007	19.555	5.662	49,770,699	858.128	50,628,827	.,275	total while the subsidy for
		,	2,232			,,		graduate completions is
Undergrad	uate	16,449	5,662	36,415,128	858,128	37,273,256		5
Graduate		3,106		13,355,571		13,355,571		26.4% of the total revenue
								since it costs more to produce graduate FTE

This is the projection for the subsidy earnings for our course completions. Completion is based on the average of three years of data that is lagged one year – so for FY24 that would be CY20, CY21 and CY22. So, when a program starts and begins offering credits there is a lag of four years to the point where that level of credit-hour production actually is fully realized in the flow of subsidy.

The SSI for each model is simply the FTEs we produce in a model times the reimbursement cost for that model times the subsidy rate of 12.3%. This produces the revenue we get for completions and at-risk completions.

The earnings per FTE shows the implied amount we get per FTE from the combination of revenues from completions and at-risk completions.



To calculate the additional subsidy for at-risk students, a weight is used for each subsidy model to capture the concept that an at-risk student might have more difficulty completing course at different levels and in different disciplines.

To come up with a weight for each model, they get a completion rate for non-risk students for each model. So, for AH1, 87.7% of non-risk students complete those courses. This is compared to the completion rate for students with risk factors of financial, academic or both. For AH1 courses that rate is 76.4%.

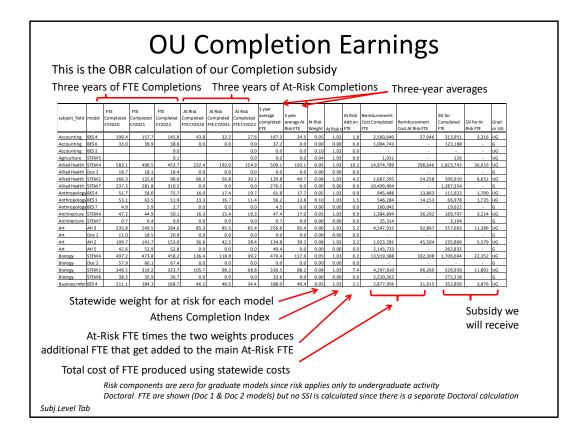
They then divide the rate for non-risk students by the rate for at-risk students to get 114.8%. Subtracting 1 from this gives a differential of 14.8% so at-risk students are 14.8% less likely than non-risk students to complete AH1 courses. So, when an at-risk student completes an AH1 course there will be an additional 14.8% subsidy added.

The same calculation is done for all models to get a weight for each model – again this only applies to the undergraduate models.

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	Total FTE	Completed FTE		Add		An addit attract n In this ca	nore	At-Ris	k stude	ents cor	mpared	d to oth	ners.
No Risk	234,521	216,833	92.5%			Non-Risl					0		
At Risk	137,094	118,012	86.1%		· · · · ·					•		•	
Financial	75,564	65,094	86.1%	6.	3%	compare					•		nancial
Academic	34,012	29,976	88.1%	4.	3%	(86.1%),	acad	emic	(88.1%) or bo	th (83.4	4%).	
Both	27,517	22.943	83.4%			The diffe	venc	es in t	hese ra	ates cre	eates a	n add-c	n
						niversity							
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In addition, to recognize that at-risk students are not equally concentrated across all 13 institutions, an additional completion index is created. Universities with more atrisk students will get an additional weighting to recognize that universities with larger numbers will have greater costs for supporting at-risk students. To determine the completion index, the overall statewide completion rate for students with no risk versus those with financial, academic or both risks are compared to get the completion percentages. The difference between the completion percentage for Non-Risk students (92.5%) is compared to the percentages for the three risk categories (financial, academic or both) and the differences in those percentages creates an addon percentage to increase a university's FTE for students in the matching category. So, students with financial risk get a 6.3% weight and so on.

These weights are then applied to our FTE in the three risk combinates to get the additional weighted at-risk FTE. So, from our total 39,304 completions, we have an additional 1,059 from the at-risk weights to make the total 40,363. This inflated total is 103% of our actual 39,304 FTE using our completion index is 1.03. The index for each university is shown. The average is 1.03 so we are basically in the middle with the range from 1.02 to 1.06.



So, putting everything together for completions here is how our subsidy is calculated.

First, this is listed by subject field. Subject fields are similar to majors but not exactly. Some subjects like Accounting map 1:1 to a major. While others like Allied Health will include multiple majors. Using Accounting as an example, you can see three entries for different models – BES 4 for the upper level major courses, BES 2 for the introductory courses and BES 6 for masters.

For each subject-model combination there are three completion FTE years listed – FY20, FY21 and FY22 are used for this FY24 calculation. Then the same thing for At-Risk completions. Each of those three-year groups is then averaged.

Then the weights for the subsidy model and the campus index for the university are listed.

Two reimbursement costs are then calculated

- one that takes the three-year average completions times the reimbursement cost for that model to get the total reimbursement cost for completed FTEs

- one that takes the three-year average at-risk completions times the weight for that model times the campus index for the institution times the reimbursement costs for that model to get the reimbursement cost for completed At-Risk FTE These two reimbursement costs are then multiplied by 12.3% to get the SSI for completions and at-risk completions – this is the subsidy we receive for completions.

Other things to note

- you can see on the second line, which are masters courses, that there are zeros for the at-risk components.

- you will also see the second Allied Health entry is in the Doc 2 model. This shows the FTE data for that model but all the subsidy calculations are zero since doctoral courses are part of the separate doctoral subsidy calculation.

		egree Costs			
	•	ng credit hours, OBR collects data e (Level 3), Bachelors (5) , Maste			
	The SCH going into degrees	is a three-year average – CY20, 2	21 and 2	22	
Degree Level	Subject/Discipline Level	Concatenated	degrees	Avg SCH	average_cost
3	Agriculture Technologies	Agriculture Technologies3	730	91.0	\$ 59,8
3	Business Technologies	Business Technologies3	8,969	95.3	\$ 36,2
3	Engineering Technologies	Engineering Technologies3	5,238	103.5	\$ 60,0
3	Health Technologies	Health Technologies3	14,340	117.3	\$ 70,2
3	Liberal Arts	Liberal Arts3	27,983	101.4	\$ 46,3
3	Natural Science Technologies	Natural Science Technologies3	3,746	102.3	\$ 48,0
3	Other	Other3	5,506	97.1	\$ 44,5
3	Public Service Technologies	Public Service Technologies3	2,483	92.9	\$ 35,1
5	Accounting	Accounting5	3,312	145.9	\$ 68,4
5	Agriculture	Agriculture5	1,017	148.2	\$ 103,8
5	Allied Health	Allied Health5	6,038	151.1	\$ 96,5
5	Anthropology	Anthropology5	430	150.0	\$ 75,2
5	Architecture	Architecture5	986	143.5	\$ 102,4
5	Art	Art5	1,094	149.3	\$ 75,6
5	Biology	Biology5	6,406	147.0	\$ 96,8
5	Business Information and Data Processing Services	Business Information and Data Processing Services5	692	143.4	\$ 70,4
	Chemistry	Chemistry5	769	150.2	\$ 100,4
	Civil Engineering	Civil Engineering5	1.117	154.0	\$ 114,1

Next, moving on to Degree subsidy there is a similar approach.

As with courses, the state gathers data on the costs of producing degrees across the 13 universities by subject field. Subject field is similar to major but does not match exactly since some subjects include multiple majors.

This table lists the number of degrees awarded across all the state institutions and the average credits that go into that degree as well as the average cost to produce that degree. As with credit hours only part of the total cost of a degree will funded by subsidy.

The Degree Level in this list starts with associate (3), then bachelor's (5), Master (7) and several doctoral levels.

		4	Αι	NISK	$\boldsymbol{\mathcal{D}}$	e	egree Wei	gnis
case	Students	Graduates	State grad rate	Weight This goes in the degrees tab row 3, for both resident and non-resident		•	financial, academic, ra combinations with a s	ors used for degrees (age, ice and 1 st Gen), there are 31 tudent having zero, one, two, of the factors – Case 00 throug
case 00	110,915	83,044	75%				31	
case 01	30,664	21,270	69%	7.9%			51	
case 02	3,975	2,117	53%	40.6%	T	•	OBR collects data from	n all universities for the numb
case 03 case 04	11,119	5,848	53%	42.4% 47.8%				
case 04 case 05	20.929	4,022	51%	47.8%			of at-risk students tha	t enroll vs those that complete
case 06	20,929	1,309	51%	45.8%			the degree for each C	
case 07	7.558	3,729	49%	51.8%	1		the degree for each C	ase
case 08	6,477	3,055	47%	58.7%		•	The No-risk (Case 00)	rate is divided by the rate for
case 09	24,659	13,901	56%	32.8%			, ,	,
case 10	696	403	58%	29.3%			the case (minus 1) to	get a weight (green) for each
case 11	588	193	33%	128.1%		١.		
case 12	2,252	950	42%	77.5%		1	case that will be used	to weight at risk degrees to
case 13	1,173	439	37%	100.1%		1	nrovide additional sub	sidy for producing them
case 14	3,965	2,079	52%	42.8%		1	•	, , ,
case 15	1,308	585	45%	67.4%		•	For example, if a unive	ersity has 100 FTE in case 02, a
case 16	878	506	58%	29.9%				
case 17	1,777	570	32%	133.4%			audicional 40.6 FTE ar	e added to get 140.6 FTE wort
case 18	3,344	1,410	42%	77.6%			of SSI.	
case 19 case 20	90 614	33	37%	104.2% 33.3%			01 001.	
case 20 case 21	614	345	40%	33.3%				
case 22	361	107	29%	157.4%				
case 23	6.578	2.539	39%	94.0%			Case 00: No Risk Factors	Case 08: Financial & Bace
case 24	1,886	619	33%	128.1%				
case 25	9,806	4,236	43%	73.3%			Case 01: Financial, only	Case 09: Financial & First Generati
case 26	373	143	38%	95.3%			Case 02: Academic, only	Case 10: Academic & Age
case 27	2,642	756	29%	161.7%			Case 03: Age, only	Case 11: Academic & Race
case 28	2,390	653	27%	174.0%			0, 1	Case 12: Academic & First Generat
case 29	1,251	628	50%	49.1%			Case 04: Race, only	
case 30	89	41	46%	62.5%			Case 05: First Generation, only	Case 13: Age & Race
case 31 Total	542 269.800	202	37%	100.9%			Case 06: Financial & Academic	Case 14: Age & First Generation
ividi	269,800	108,774	03%	19.7%	l		Case 07: Financial & Age	Case 15: Race & First Generation

Just like with completions, there are risk factors for students completing degrees. For this there are five risk factors: financial and academic like with course completions with additions of age (>22 when enrolling), race and first generation. So, with 5 factors and combinations of two, three, four or all five, there are 31 possible combinations. Part of the case list is shown at the bottom right.

For each risk case they compute a completion rate using the number of students in that case that graduate with a degree divided by the total number of students in that case. This percentage is divided into the base graduation rate for students without risk (75%) (then minus 1) to get a weight for a student in any one of the 31 cases.

				JA	L-NI	isk Degrees
	OHUN	OHUN	OHUN grad			This is the At Disk degree works were
	Student	Grad	rate	State /Rate	Added FTE	 This is the At-Risk degree performance
case 00	12742	9576	75.2%	74.9%		for OHIO.
case 01	3784	2553	67.5%	69.4%	300	 For the green cases, our graduation rates
case 02	480	295	61.5%		195	
case 03	3955	2513	63.5%	52.6%	1,675	are better than the state average
case 04	547	356	65.1%	50.7%	261	 Some cases have very few students in
case 05	2463	1549	62.9%	61.5%	534	,
case 06 case 07	260	138 564	53.1% 51.4%	51.4% 49.3%	119 568	them while others are large
case 07 case 08	1097 314	197	51.4% 62.7%		184	 The Added FTE is the number of FTE
case 08	2936	1609	54.8%	56.4%	963	
case 10	2930	1009	76.0%	57.9%	77	added to our number of degree through
case 10	32	16	50.0%	32.8%	41	the weights.
case 12	256	106	41.4%	42.2%	198	8
case 13	322	169	52.5%	37.4%	322	 The combination of our total FTE degrees
case 14	1380	908	65.8%	52.4%	591	plus the added FTE compared to the total
case 15	73	43	58.9%	44.7%	49	FTE gives a campus index of 1.26 – the
case 16	141	78	55.3%	57.6%	42	0
case 17	49	26	53.1%	32.1%	65	weighting adds about 26% to our FTE.
case 18	344	127	36.9%	42.2%	267	The degree indexes range from 1.15
case 19	23	13	56.5%	36.7%	24	
case 20	264	178	67.4%	56.2%	88	(Miami) to 1.75 (Central) with an average
case 21 case 22	72	50 3	69.4% 23.1%	40.2%	62	of 1.34, which simply means we have a
case 22	285	3 154	23.1%	29.1%	20	
case 23	129	72	55.8%	32.8%	165	below average percentage of at-risk
case 25	1841	873	47.4%	43.2%	1.350	students compared to other universities.
case 26	27	13	48.1%	38.3%	26	
case 27	159	67	42.1%	28.6%	257	
case 28	46	17	37.0%	27.3%	80	
case 29	247	143	57.9%	50.2%	121	
case 30	24	17	70.8%	46.1%	15	
case 31	40	25	62.5%	37.3%	40	
Total	34,607	22,647	65%	62.6%	8,970	

To provide a context of how we compare to the statewide averages, here is the specific OU data that is part of those state averages. The state average is also shown and the cases where are graduation rate is above the state rate so we do a good job graduating at-risk students.

When you apply the weights from the previous slide to our numbers you get the final column and when you compare out total graduates to the toral with added FTE you get a ratio of 1.26. This Campus Degree Index is a relative measure of the concentration of degrees awarded to at-risk students. The values range from a high of 1.75 at Central with an average of 1.35 so we have a below average number of our graduates being considered at-risk.

evel	subject	Resident Degree Credits	Resident Degree At- Risk Credits	Non- Resident Degree Credits	Non- Resident At- Risk Degree Credits	3-Year Avg Degree Awarded	3-Yr Avg Resident Degree Credits
5	Accounting	43.5	3.9	0.35	0.0	₹66.00	43.54
5	Agriculture	0.8	0.2	0.00	0.0	0.00	1 0.79
5	Allied Health	164.2	29.5	1.16	0,2	204.33	164.24
5	Anthropology	16.0	1.5	0.04	0.0	20.00	16.05
5	Architecture	0.2	0.0	0.00	0.0	0.00	0.21
5	Art	30.0	3.0	0.20	0.0	36.00	30.04
5	Biology	238.9	27.9	1.87	0.1	274.67	238.89
5	Business Info	57.9	5.1	0.52	0.0	105.33	57.91
5	Chemistry	36.1	4.5	0.53	0.0	44.67	36.12
5	Civil Enginee	32.8	3.6	0.39	0.0	39.00	32.84
	Communicat	272.5	37.6	2.64	0.2	341.67	272.47
	Communicat	58,8	5.4	0.44	0.0	67. <mark>3</mark> 3	58.78
5	Computer Sc	72.4	10.0	0.55	0.1	91/00	72.36

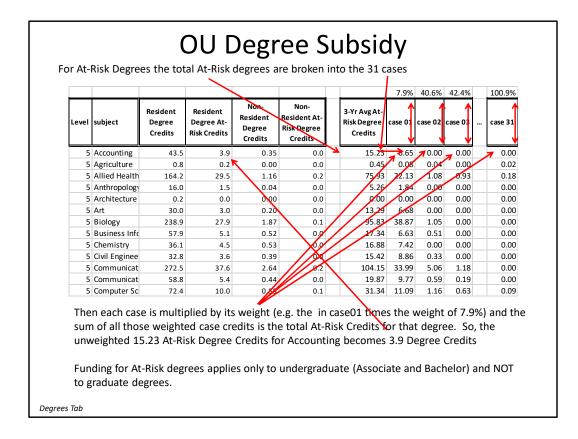
Now that we have risk weights we can go through the four combinations of residency and risk when determining the number of degrees that will be used in the subsidy calculation.

For the first, combination – overall resident degree credits without risk considered. Here you can see our three-year average degrees awarded in the seventh column. When funding is calculated for degrees, the concept of degree credits is used as opposed to simply counting the number of degrees. This is done to recognize that students transferring or student completing an associate degree and then going to a different institution for a bachelors will only be taking part of their degree at the institution where they ultimately complete their degree. So, degree credits are used to allow for fractions of degrees.

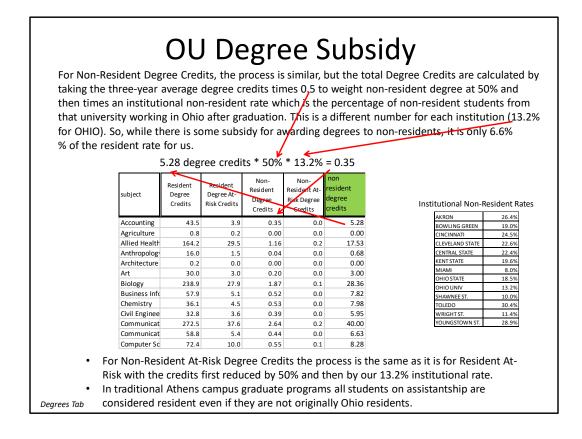
You can see the concept of degree credits in the Architecture subject – we are getting partial SSI from a student that took credits with us but ended up getting an Architecture degree at another university. We are getting credit for delivering part of that degree.

For example, on the first line you see the information for accounting bachelors degree. We awarded 94.67 as our three-year average. This is then converted into degree credits of 66. So, we produced the equivalent of 43.54 full degrees when looking at the credits completed here. So, the value that ends up under the Resident

Degree Credits column is 43.54



For at-risk students, we also use degree credits. In this case the three-year average degree credit is equal to 30.09 degrees for accounting (first column in the right section). Those 30 degrees fall into one of the 31 risk cases so to the right of this column the 30.09 degree credits are spread across the 31 cases. You can see that 9.43 degrees fall into case 1 and the reminder fall into other cases. Once the degrees are broken into the 31 buckets, the weights we derived earlier are applied to those degrees. You can we the weight of 9.4% for case one at the top. So, the weight is applied to each case and all 31 of those weighted results are added together to get the total that shows up in the Resident Degree At-Risk Credit column. For accounting, that total is 9.1. So, once you weight the 30.09 degree credits, you end up with 9.1 as the number to be used in the subsidy calculation.



For Non-resident degree credits listed in the last column, the number is first cut in half and then a weight is applied based on the percent of non-resident students at each university that are working in the state one year after graduation based on state jobs data. So, for us, that percentage is 13.2% so the non-resident credits are reduced by an additional 13.2%. So, when you combine both reductions, you end up with 6.6% so our 5.38 non-resident degree credits in accounting are reduce down to 0.35 for purposes of calculating subsidy.

For non-resident at-risk student the degree credits are again spread across the 31 risk cases and the resulting total is decreased by 50% and then another 13.2%. If you look down the Non-Resident At-Risk Degree credits column you can see that this results in very small numbers for purposes of calculating subsidy.

R	esiden	at we ha	ave the on-Res	four d	egree c	redit o	Degr categories are mult	for Res	ident, F	Resident A	At-Risk, I		
	0	1				_		14-					
r					K	-							
subject	Resident Degree Credits	Resident Degree At- Risk Credits	Non- Resident Degree Credits	Non- Resident At- Risk Degree Credits	Degree Cost	Resident Degree Cos	Resident Degree At- Risk Costs	Non-Resident Degree Costs	Non- Resident At- Risk Degree Costs	Resident Degree SSI	Resident Degree At-Risk SSI add-on	Non-Resident Degree SSI	Non- Resident a Risk Degr SSI add-o
Accounting	43.5	3.9	0.35	0.0	\$ 68,470	\$ 2,981,1	03 \$ 264,209	\$ 23,842.87	\$ 761.08	\$ 495,142.02	\$ 43,883.37	\$ 3,960.15	\$ 126.
Agriculture	0.8	0.2	0.00	0.0	\$ 103,879	\$ 81,8	42 \$ 16,981	ş -	\$-	\$ 13,593.49	\$ 2,820.47	\$-	\$ -
Allied Health	164.2	29.5	1.16	0.2	\$ 96,556	\$ 15,858,0	02 \$ 2,844,808	\$111,621.32	\$16,348.01	\$ 2,633,911.99	\$472,504.30	\$ 18,539.58	\$ 2,715.
Anthropology	16.0	1.5	0.04	0.0	\$ 75,236	\$ 1,207,1		\$ 3,374.15	\$-	\$ 200,505.09	\$ 18,880.06	\$ 560.42	\$ -
Architecture	0.2	0.0	0.00	0.0	\$ 102,431	\$ 21,1		\$ -	\$ -	\$ 3,505.43	\$-	\$ -	\$ -
Art	30.0	3.0	0.20	0.0		\$ 2,271,3		\$ 14,938.35	\$ 1,379.90	\$ 377,252.22	\$ 37,582.02	\$ 2,481.16	\$ 229.
Biology	238.9	27.9	1.87	0.1	1 1 1 1 1	\$23,131,4		\$181,064.94	\$10,811.56		\$448,374.56	\$ 30,073.72	
Business Info	57.9	5.1	0.52	0.0		\$ 4,080,7		\$ 36,336.78	\$ 3,051.73		\$ 59,983.21		
Chemistry	36.1	4.5	0.53	0.0		\$ 3,628,0		\$ 52,836.66	\$ 2,891.41	\$ 602,588.24	\$ 74,766.87	\$ 8,775.83	\$ 480.
Civil Enginee	32.8	3.6	0.39	0.0		\$ 3,747,4		\$ 44,757.39	\$ 915.78	\$ 622,430.19			
Communicat	272.5	37.6	2.64	0.2		\$ 18,264,4		\$176,815.59	\$12,678.79			\$ 29,367.93	\$ 2,105.
Communicat	58.8	5.4	0.44	0.0		\$ 4,568,9		\$ 33,966.99					\$ 222.
Computer Sc	72.4	10.0	0.55	0.1	\$ 90,031	\$ 6,514,4	62 \$ 901,850	\$ 49,131.45	\$ 5,504.38	\$ 1,082,010.24	\$149,791.41	\$ 8,160.42	\$ 914.
					Gr	and to	880,909 Ital cost grees in	\$805, SSI 1	opriatio 866,180 funding 5% of cc	5 so fo is nui	o, multip ur Degre mbers b to get th	ee Cost y 16.6%	
	Reside	ent Degree SSI	At-Risk	t Degree SSI add- on	Non-Res Degree	ident I	Non-Resident At-Risk Degree SSI add-on				- fundi		
		7 0 4 2 0 7 -	10	02E 074	0.01	6 265	161 750	4					
arees Tab	6	7,942,875	10,	835,974	9,61	6,365	151,758						

Now that we have the four columns of degree credits for the combination of residency and risk, this is the conversion of those numbers into subsidy.

Those four numbers are all multiplied by the costs in the Degree Cost column. This produces four columns of Degree costs. The total of all the costs across all 13 institutions is \$4.8B. Compared to the appropriation of \$805M, this means that subsidy will cover 16.6% of the cost for a degree.

So, the final set of four columns simply takes the values in the four degree cost columns and multiplies them by 16.6% to get the four SSI columns at the right.

If you add up those columns for all our degrees from associate through masters the totals are shown at the bottom. As you can see the amounts for non-residents are smaller than the corresponding resident amounts with the amount for non-resident at-risk students being \$151K.

When projecting future degree subsidy you have a long lag for undergraduate activity when you consider that it will take four years to reach the degree and subsidy is based on a three-year average that is lagged a year which totals up to 8 years before you get the full degree subsidy of that student.

	IUC Doctoral Se	t Aside Allocation			
		Completed FTE	Degree Cost	Research	Total Doc Set Asic
	AKRN	1,358,528	5,475,680	557,650	7,391,859
	BGSU	1,466,095	4,061,255	340,504	5,867,854
	CINC	9,144,839	12,299,986	12,255,719	33,700,544
	CLEV	703,502	1,781,701	1,532,632	4,017,835
	KENT	5,651,836	8,416,322	665,451	14,733,609
	MIAM	1,330,564	3,255,540	481,829	5,067,933
	OHSU	21,359,976	40,657,968	28,032,494	90,050,437
	OHUN	3,850,357	6,353,929	968,712	11,172,998
	TLDO	1,153,153	5,730,357	1,431,592	8,315,101
	WSUN	1,082,466	3,193,112	822,708	5,098,286
	YNGS	346,081	1,187,164	104,807	1,638,051
	NECM	18,121	2,518,022	271,421	2,807,564
	Total	47,465,518	94,931,037	47,465,518	189,862,073
	Actual % used	25%	50%	25%	
 Divided i Doc Deg Res 	a fixed total (\$ nto three com ctoral Set Asid grees – 50% - search Funding gre was origing	ponents e (completior \$95M g – 25% - \$47.	ns) – 25% - \$4 4M	, 7.5M	to balance the researc

Now for the final component of the Subsidy calculation – Doctoral Subsidy

Subsidy for doctoral activity has its own calculation with its own separate appropriation. The appropriation is divided into 3 pools

25% for doctoral credit hours – \$47.6 M 50% for doctoral degrees – \$53M 25% for research funding – \$47.4M

Originally, the plan was to have another factor to apply to the non-STEM programs where research funding does not really apply. Under this plan the pools would have been 50% for degrees, 25% for research funding and 25% on this other factor with no allocation for completions. But since this never happened, the completion component was kept.

Doc 1 49.0 446.4 314.1 48.5 567.4 - 132.4 - 444.8 293.2 90.3 99.4	Doc 2 182.6 87.3 1,071.8 61.2 370.6 54.5 2.4 2,085.5 275.2	Doc Total 231.6 233.7 1,386.0 109.7 938.0 186.9 2.4 3,230.3	Doc 1 39.2 146.2 315.6 50.9 520.3 146.1	Doc 2 161.0 84.0 1,113.0 63.4	Doc Total 200.2 230.1 1,428.6	Doc 1 48.4 144.6	Doc 2 141.6 85.5	190.0	3 year avg. 207.3	Completions 2.8%	Total Costs 31.834.547	2.9%
146.4 146.4 814.1 48.5 567.4 132.4 - 144.8 293.2 90.3 99.4	87.3 1,071.8 61.2 370.6 54.5 2.4 2,085.5 275.2	233.7 1,386.0 109.7 938.0 186.9 2.4	146.2 315.6 50.9 520.3	84.0 1,113.0	230.1	144.6						
814.1 48.5 567.4 132.4 - 144.8 293.2 90.3 99.4	1,071.8 61.2 370.6 54.5 2.4 2,085.5 275.2	1,386.0 109.7 938.0 186.9 2.4	315.6 50.9 520.3	1,113.0				230.2	231.3	3.1%	34,355,167	3.1%
667.4 132.4 - 144.8 293.2 90.3 99.4	370.6 54.5 2.4 2,085.5 275.2	938.0 186.9 2.4	520.3	63.4		307.8	1,064.7	1,372.5	1,395.7	19.0%	214,292,007	19.3%
132.4 - 144.8 293.2 90.3 99.4	54.5 2.4 2,085.5 275.2	186.9 2.4			114.3	44.3	59.5	103.8	109.3	1.5%	16,485,246	1.5%
- 144.8 293.2 90.3 99.4	2.4 2,085.5 275.2	2.4	146.1	372.9	893.2	500.9	335.5	836.4	889.2	12.1%	132,440,093	11.9%
90.3 99.4	2,085.5 275.2			79.9	226.0	137.1	81.3	218.4	210.4	2.9%	31,179,252	2.8%
93.2 90.3 99.4	275.2	3.230.3		3.8	3.8		2.0	2.0	2.7	0.0%	424,636	0.0%
90.3 99.4			1,170.7	2,102.1	3,272.7	1,270.4	2,116.9	3,387.4	3,296.8	44.9%	500,530,659	45.0%
99.4		568.4	318.9	297.5	616.4	309.5	310.2	619.8	601.5	8.2%	90,225,830	8.19
	149.5	239.8	64.1	93.8	157.9	48.5	88.5	137.0	178.2	2.4%	27,021,958	2.49
18.7	72.9	172.2 26.2	121.7 12.9	56.1 31.7	177.8 44.7	116.7 35.6	46.8 54.5	163.5 90.1	171.2 53.7	2.3%	25,365,553 8,109,757	2.39
18.7	4.421.1	7.325.1	2.906.6	31.7 4.459.2	44.7	2.963.9	54.5 4.387.1	90.1 7.351.0	7.347.3	0.7%	8,109,757	100.09
e six (hing i otal c	Doc 1 a model cost is	and Do and ad 8.1% o	c 2 FTE lded up f the st	s are m to get atewid	ultiplie total co e total -	d by th ost for t – it is sl	e cost t the cor ightly o	for the npletio differer	ns it that	D	oc 1	24 \$47,980 \$52,103
			•									
emai	ning 9	5.7% of	f the co	st falls	to the	univers	ities.					
e a h C T	es fa ive a six l ing otal o E % opro	es fall into ive a three six Doc 1 ing model otal cost is E % since opropriatic	es fall into two mo ive a three averag six Doc 1 and Do ing model and ac otal cost is 8.1% o 'E % since cost de opropriation of \$4	es fall into two models – ive a three average of 60 six Doc 1 and Doc 2 FTE ing model and added up otal cost is 8.1% of the st E % since cost depends o opropriation of \$47.5M c	es fall into two models – Doc 1 ive a three average of 601.5 FT six Doc 1 and Doc 2 FTEs are m ing model and added up to get otal cost is 8.1% of the statewid 'E % since cost depends on the oppopriation of \$47.5M covers	es fall into two models – Doc 1 and Doc ive a three average of 601.5 FTE which six Doc 1 and Doc 2 FTEs are multiplie ing model and added up to get total co tal cost is 8.1% of the statewide total 'E % since cost depends on the mix bet opropriation of \$47.5M covers 4.3% of	es fall into two models – Doc 1 and Doc 2 ive a three average of 601.5 FTE which is 8.2% six Doc 1 and Doc 2 FTEs are multiplied by th ing model and added up to get total cost for i otal cost is 8.1% of the statewide total – it is sl E % since cost depends on the mix between E opropriation of \$47.5M covers 4.3% of the \$1	es fall into two models – Doc 1 and Doc 2 ive a three average of 601.5 FTE which is 8.2% statew six Doc 1 and Doc 2 FTEs are multiplied by the cost ing model and added up to get total cost for the cor otal cost is 8.1% of the statewide total – it is slightly of E % since cost depends on the mix between Doc 1 a	es fall into two models – Doc 1 and Doc 2 ive a three average of 601.5 FTE which is 8.2% statewide six Doc 1 and Doc 2 FTEs are multiplied by the cost for the ing model and added up to get total cost for the completio stal cost is 8.1% of the statewide total – it is slightly differen 'E % since cost depends on the mix between Doc 1 and Doc oppropriation of \$47.5M covers 4.3% of the \$1.11B in total co	es fall into two models – Doc 1 and Doc 2 ive a three average of 601.5 FTE which is 8.2% statewide six Doc 1 and Doc 2 FTEs are multiplied by the cost for the ing model and added up to get total cost for the completions otal cost is 8.1% of the statewide total – it is slightly different that TE % since cost depends on the mix between Doc 1 and Doc 2. opropriation of \$47.5M covers 4.3% of the \$1.11B in total cost	we a three average of 601.5 FTE which is 8.2% statewide six Doc 1 and Doc 2 FTEs are multiplied by the cost for the ing model and added up to get total cost for the completions that cost is 8.1% of the statewide total – it is slightly different that 'E % since cost depends on the mix between Doc 1 and Doc 2. oppropriation of \$47.5M covers 4.3% of the \$1.11B in total cost	ess fall into two models – Doc 1 and Doc 2ive a three average of 601.5 FTE which is 8.2% statewidesix Doc 1 and Doc 2 FTEs are multiplied by the cost for theing model and added up to get total cost for the completionsital cost is 8.1% of the statewide total – it is slightly different thatE % since cost depends on the mix between Doc 1 and Doc 2.opropriation of \$47.5M covers 4.3% of the \$1.11B in total cost

For doctoral credit hour production, we have three years of credit hours Doctoral courses fall into two models – Doc 1 and Doc 2 depending on the discipline. The costs for Doc 2 credits is slightly more. When you do a 3-year average of credits, we have 601.5 of a total across all the universities of 7,347.3 or 8.2%

The six numbers for Doc 1 and Doc 2 for the three year are multiplied by the corresponding model cost to get the Total Cost. Those costs are added up across all the institutions to get \$1.1B. The total appropriation of \$47.5M is basically 4.3% of the total cost that is covered by subsidy.

We have 8.1% of total costs. This percentage is applied to the total appropriation of \$47.5M to get a subsidy of \$3.8M.

Our percentage share of credits is slightly higher than out percentage for credits because we tend to have more of the lower cost Doc 1 credits compared to Doc 2.

Leve	el	subject	Resident Degree Credits	Resident Degree At- Risk Credits	Non- Resident Degree Credits	Non- Resident At- Risk Degree Credits	Degree Cost	Resident Degree Costs	Subject Mapping Arts & Humanities English Communication Studies Journalism
	17	Arts & Huma	24.3	0.0	0.00	0.0	\$ 223,805	\$ 5,445,924	Media Arts & Studies
	17	Education	33.0	0.0	0.00	0.0	\$ 202,436	\$ 6,680,372	Comparative Arts
	17	Engineering	22.3	0.0	0.00	0.0	\$ 242,152	\$ 5,408,058	Hearing/Speech
	17	Health	5.7	0.0	0.00	0.0	\$ 217,626	\$ 1,233,212	Natural Science
	17	Natural Scier	29.7	0.0	0.00	0.0	\$ 263,547	\$ 7,818,551	Biolological Sciences
	17	Social & Beh	10.3	0.0	0.00	0.0	\$ 209,511	\$ 2,164,944	Chemistrry
	17	Unclassified	1.7	0.0	0.00	0.0	\$ 212,408	\$ 354,013	Math Physics
								\$ 29,105,074	Blant Biology
subs	sidy at t	0	ate level a	and since a	all our doo	ctoral prog	gram stud	o At-Risk ents are in ident degre	Health Comm Studies CS <u>Social Science</u> History
subs	sidy at t	the gradua	ate level a	and since a	all our doo	ctoral prog	gram stud	ents are in	Comm Studies Social Science History Psychology
subs	sidy at t ens and	the gradua d on assist	ate level a antships, Shares of Phd Degree	and since a there are	all our doo no credits	ctoral prog	gram stud Non-Res	ents are in ident degre	Comm Studies Social Science History
subs	sidy at the sens and	the gradua d on assist Cost of PhD Degrees (degrees * cost)	ate level a antships, Shares of Phd Degree Cost	and since a there are	all our doo no credits ne degree	ctoral prog s listed for credits ar	gram stud ⁻ Non-Res re multipli	ents are in ident degre ied by	Comm Studies Social Science History Psychology Unclassified
ubs Athe	sidy at the state of the state	the gradua d on assist Cost of PhD Degrees (degrees * cost) \$25,082,130	ate level a antships, Shares of Phd Degree Cost D 5.77%	and since a there are • Th th	all our doo no credits ne degree ne cost to	ctoral prog s listed for credits ar get the to	gram stud Non-Res re multipli tal degree	ents are in ident degre ied by e costs.	Comm Studies Social Science History Psychology Unclassified
subs	sidy at the sens and	the gradua d on assist Cost of PhD Degrees (degrees * cost)	Shares of Phd Degree Cost 0 5.77% 3 4.28%	and since a there are • Th th • Th	all our doo no credits ne degree ne cost to ne costs fo	ctoral prog s listed for credits ar get the to or all the c	gram stud Non-Res re multipli tal degree loctoral d	ents are in ident degre ied by e costs. egrees	Comm Studies Social Science History Psychology Unclassified
ubs Athe	Inst AKRN BGSU CINC CLEV	the gradua d on assist Cost of PhD Degrees (degrees * cost) \$25,082,13 \$18,603,15 \$56,341,83 \$8,161,33	Ate level a antships, shares of Phd Degree Cost 0 5.77% 3 4.28% 0 12.96% 5 1.88%	and since a there are • Th th • Th	all our doo no credits ne degree ne cost to ne costs fo	ctoral prog s listed for credits ar get the to	gram stud Non-Res re multipli tal degree loctoral d	ents are in ident degre ied by e costs. egrees	Comm Studies Social Science History Psychology Unclassified
ubs Athe	Inst AKRN BGSU CINC CLEV KENT	Cost of PhD Degrees (degrees * cost) \$18,603,15 \$56,341,83 \$56,341,83 \$38,552,45	Ate level a antships, shares of Phd Degree Cost 0 5.77% 3 4.28% 0 12.96% 5 1.88% 7 8.87%	and since a there are • Th th • Th ac	all our doo no credits ne degree ne cost to ne costs fo cross the s	ctoral prog s listed for credits ar get the to or all the c state are t	gram stud Non-Res re multipli tal degree loctoral d otaled an	ents are in ident degre ied by e costs. egrees d each	Comm Studies Social Science History Psychology Unclassified
ubs Athe	Inst AKRN BGSU CINC CLEV KENT MIAM	the gradua on assist Cost of PhD Degrees (degrees * cost) \$18,603,15 \$16,631,53 \$8,161,33 \$8,161,33 \$38,552,15 \$14,912,46	Ate level a antships, Shares of Phd Degree Cost 5 5.77% 3 4.28% 5 1.88% 5 1.88% 5 3.43%	end since a there are • Th th • Th ac ur	all our doo no credits ne degree ne cost to ne costs fo cross the s niversity g	ctoral prog s listed for credits ar get the to or all the c state are t gets their p	gram stud Non-Res re multipli tal degree loctoral d otaled an proportion	ents are in ident degre ied by e costs. egrees d each	Comm Studies Social Science History Psychology Unclassified
ubs Athe	Inst AKRN BGSU CINC CLEV KENT	Cost of PhD Degrees (degrees * cost) \$18,603,15 \$56,341,83 \$56,341,83 \$38,552,45	Ate level a antships, shares of Phd Degree Cost 0 5.77% 3 4.28% 0 12.96% 5 1.88% 7 8.87% 0 3.43% 3 4.28%	end since a there are • Th th • Th ac ur	all our doo no credits ne degree ne cost to ne costs fo cross the s niversity g	ctoral prog s listed for credits ar get the to or all the c state are t	gram stud Non-Res re multipli tal degree loctoral d otaled an proportion	ents are in ident degre ied by e costs. egrees d each	Comm Studies Social Science History Psychology Unclassified
ubs Athe	Inst AKRN BGSU CINC CLEV KETT MIAM OHSU	the gradua d on assist Cost of PhD Degrees (degrees * cost) \$25,082,13 \$18,603,15 \$56,341,33 \$8,161,33 \$8,161,33 \$38,552,15 \$14,912,46 \$186,239,58	Ate level a antships, Shares of Phd Degree Cost 0 5.77% 3 4.28% 0 12.96% 5 1.88% 5 1.88% 0 12.96% 5 8.87% 0 3.43% 4 4.69%	end since a there are • Th th • Th ac ur sh	all our doo no credits he degree he cost to he costs fo cross the s hiversity g hare of the	ctoral prog s listed for credits ar get the to or all the c state are t gets their p	re multipli tal degree loctoral d otaled an proportion railable.	ents are in ident degre ied by e costs. egrees d each nal	Comm Studies Social Science History Psychology Unclassified
ubs Athe	Inst AKRN BGSU CINC CLEV KENT MIAM OHSU OHUN TLDO WSUN	the gradua d on assist Cost of PhD Degrees (degrees * cost) 525,082,13 538,603,15 538,633,15 538,552,15 514,912,46 5186,239,58 529,105,07 526,248,71 514,626,50	Shares of Phd Degree Cost 0 5.77% 3 4.28% 0 12.96% 5 1.88% 7 8.87% 0 3.43% 4 6.69% 3 3.36%	nd since a there are • Th th • Th ac ur sh • Th	all our doo no credits he degree he cost to he costs for cross the s hiversity g hare of the he \$95M h	ctoral prog s listed for credits ar get the to or all the c state are t gets their p e \$95M av works out	re multipli tal degree loctoral d otaled an proportion railable. to be abc	ents are in ident degre ied by e costs. egrees d each nal	Comm Studies Social Science History Psychology Unclassified
ubs Athe	Inst AKRN BGSU CILEV KENT MIAM OHSU OHUN TLDO	the gradua d on assist Cost of PhD Degrees (degrees * cost) 556,341,83 58,161,33 58,161,33 58,161,33 58,161,33 58,161,33 58,161,33 58,161,33 58,161,33 58,161,33 58,161,33 58,29,205,07 51,20,248,71	Ate level a antships, Shares of Phd Degree Cost 0 5.77% 3 4.28% 0 12.96% 5 1.88% 0 12.96% 5 1.88% 0 3.43% 4 6.69% 2 6.04% 3 3.36% 2 1.25%	nd since a there are • Th th • Th ac ur sh • Th	all our doo no credits he degree he cost to he costs for cross the s hiversity g hare of the he \$95M h	ctoral prog s listed for credits ar get the to or all the c state are t gets their p e \$95M av	re multipli tal degree loctoral d otaled an proportion railable. to be abc	ents are in ident degre ied by e costs. egrees d each nal	Comm Studies Social Science History Psychology Unclassified

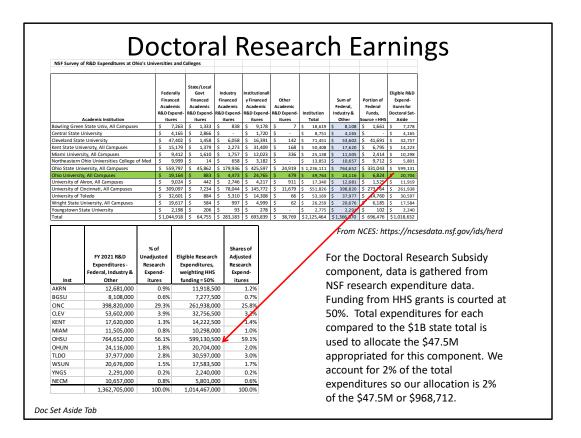
For the 50% (\$95M) of the appropriation set aside for degree production, the degree credit for each subject are collected – notice that all doctoral student fall into the resident column. This is because all doctoral students are on assistantships and when they are the state considers them to be residents regardless of whether the came from out-of-state or internationally.

As before, the subjects do not match directly to majors. The table to the right gives you an idea of which departments are matched to which subject.

These degree credits are multiplied by the cost to get the degree costs which is then totaled to get \$29M for us.

In the table at the bottom, you can see the total costs for all the institutions of \$435M. Against the \$95M appropriated that means that subsidy covers 21.8% of the cost.

For us, our \$29M is 6.69% of the total so we get that percentage of the \$93M or \$6.35M



For the research component, research expenditures in NSF and NIH grants for each university are collected from the Herd site (currently 2021). Expenditures for NIH are discounted 50%.

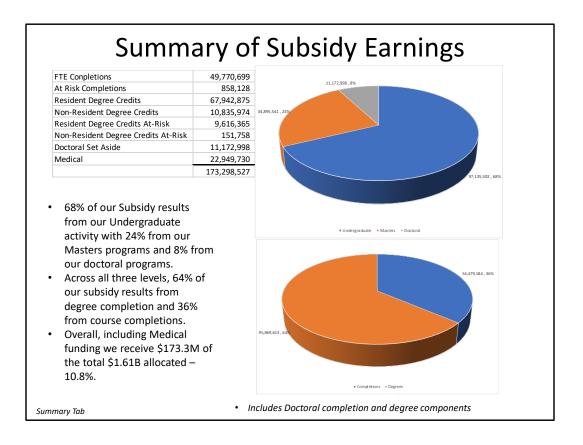
We have \$20.7M in eligible expenditures compared to a state total of \$1B or 2%. So, we get 2% of the total appropriation of \$47.5M which is \$969K.

IUC Doctoral Se	t Aside Allocation			
	Completed FTE	Degree Cost	Research	Total Doc Set Asio
AKRN	1,358,528	5,475,680	557,650	7,391,859
BGSU	1,466,095	4,061,255	340,504	5,867,854
CINC	9,144,839	12,299,986	12,255,719	33,700,544
CLEV	703,502	1,781,701	1,532,632	4,017,835
KENT	5,651,836	8,416,322	665,451	14,733,609
MIAM	1,330,564	3,255,540	481,829	5,067,933
OHSU	21,359,976	40,657,968	28,032,494	90,050,437
OHUN	3,850,357	6,353,929	968,712	11,172,998
TLDO	1,153,153	5,730,357	1,431,592	8,315,101
WSUN	1,082,466	3,193,112	822,708	5,098,286
YNGS	346,081	1,187,164	104,807	1,638,051
NECM	18,121	2,518,022	271,421	2,807,564
Total	47,465,518	94,931,037	47,465,518	189,862,073
Actual % used	25%	50%	25%	
iniversity gets impletion FTE egree Cost we	a proportion we get 8.11% get 6.69% of	share of the o of the state the \$95M allo	each of the th pool of \$47.5 ocated to tha	nree appropria M = \$3,850,35 t component = nponent =\$968

Putting it all together, we get

8.11% of the completion pool – \$3.8M
6.69% of the degree pool – \$6.4M
2% of the research funding pool – \$969K

Our total of \$11M is 5.9% of the total \$189.8M appropriation



To summarize, here are all the sources of subsidy and the amounts.

If you group these into level, we get \$97M (68%) of our funding from our undergraduate programs, \$35M (24%) from our masters programs and \$11M (8%) from our doctoral programs.

If you group these into subsidy from completions vs degrees, we get \$96M (64%) from degrees and \$54M (36%) from completions once you add the doctoral components in.