



# Outcomes Based Formula Summit

September 19, 2018

# Formula Implementation and Distribution Timeline

**FY 08-09  
and Prior**

- Full-Time Equivalent (FTE) by SREB Category
- Formula is funded at the SREB average for the first time.

**FY 09-10**

- Cost Formula
- ARRA Funding is used to minimize dramatic funding losses

**FY 10-11**

- Cost Formula
- ARRA Funding is used to minimize dramatic funding losses

**FY 11-12**

- Cost Formula
- Formula is used with 4% Stop/Loss

**FY 12-13**

- Cost Formula
- Formula is used with 4% Stop/Loss

**FY 13-14**

- Cost + Strategic Initiatives Formula
- Formula is used with 4% Stop/Loss

**FY 14-15**

- Cost + Strategic Initiatives Formula
- Formula is not used. Pro-Rata based on previous year is basis for distribution

**FY 15-16**

- Cost + Strategic Initiatives Formula
- Formula is not used. Pro-Rata based on previous year is basis for distribution

**FY 16-17**

- Outcomes Based Funding Formula
- Formula is used in distribution on a 70% base/15% cost/15% outcomes basis

**FY 17-18**

- Outcomes Based Funding Formula
- Formula is used in distribution on a 65% base/17.5% cost/17.5% outcomes basis

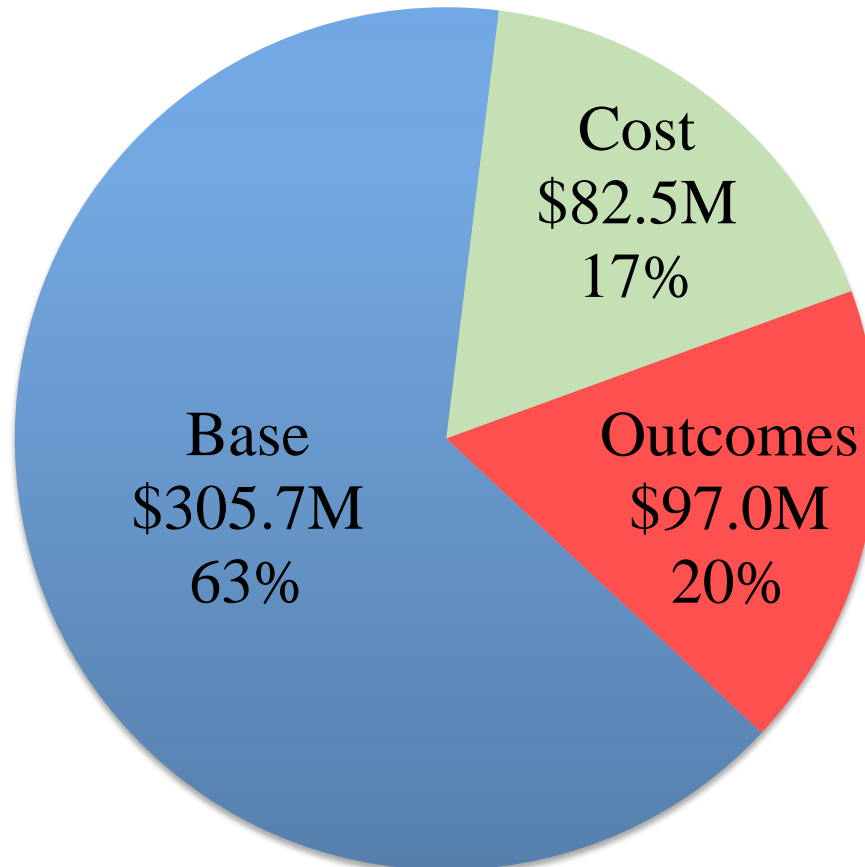
**FY 18-19**

- Outcomes Based Funding Formula
- Formula is used in distribution on a 63% base/17% cost/20% outcomes basis

# Formula Funding

- Act 462 (2014): develop an outcomes-based formula for 2yr & 4yr inst.
- BoR Formula distribution for FY19: **\$485.2 M**

**63% base funding, 17% cost , 20 % outcomes-based**



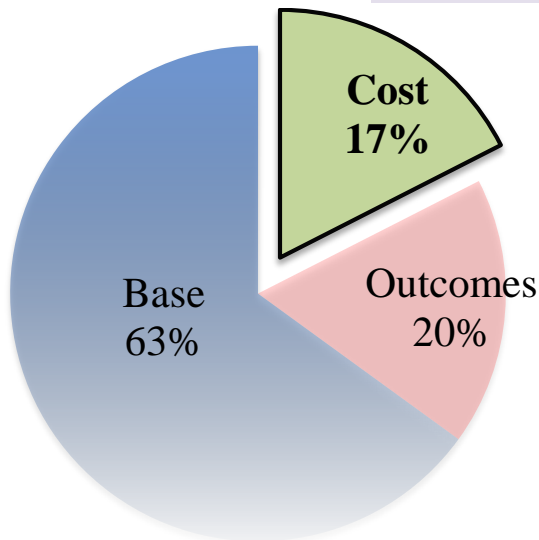


# Cost Portion

# BoR Funding Formula: COST Portion

$$\text{Weighted SCHs} \times \text{Base SCH Value} = \text{CORE Cost}$$

$$+ \text{OP\&M} + \text{General Support} = \text{TOTAL COST}$$



$$\text{State Share, by SREB Category} \times \text{Calculated State Share of COST} = \text{Calculated State Share of COST}$$

# BoR Funding Formula: COST Portion

**Weighted SCHs**

**X**

**Base SCH Value**

**=**

**CORE Cost**

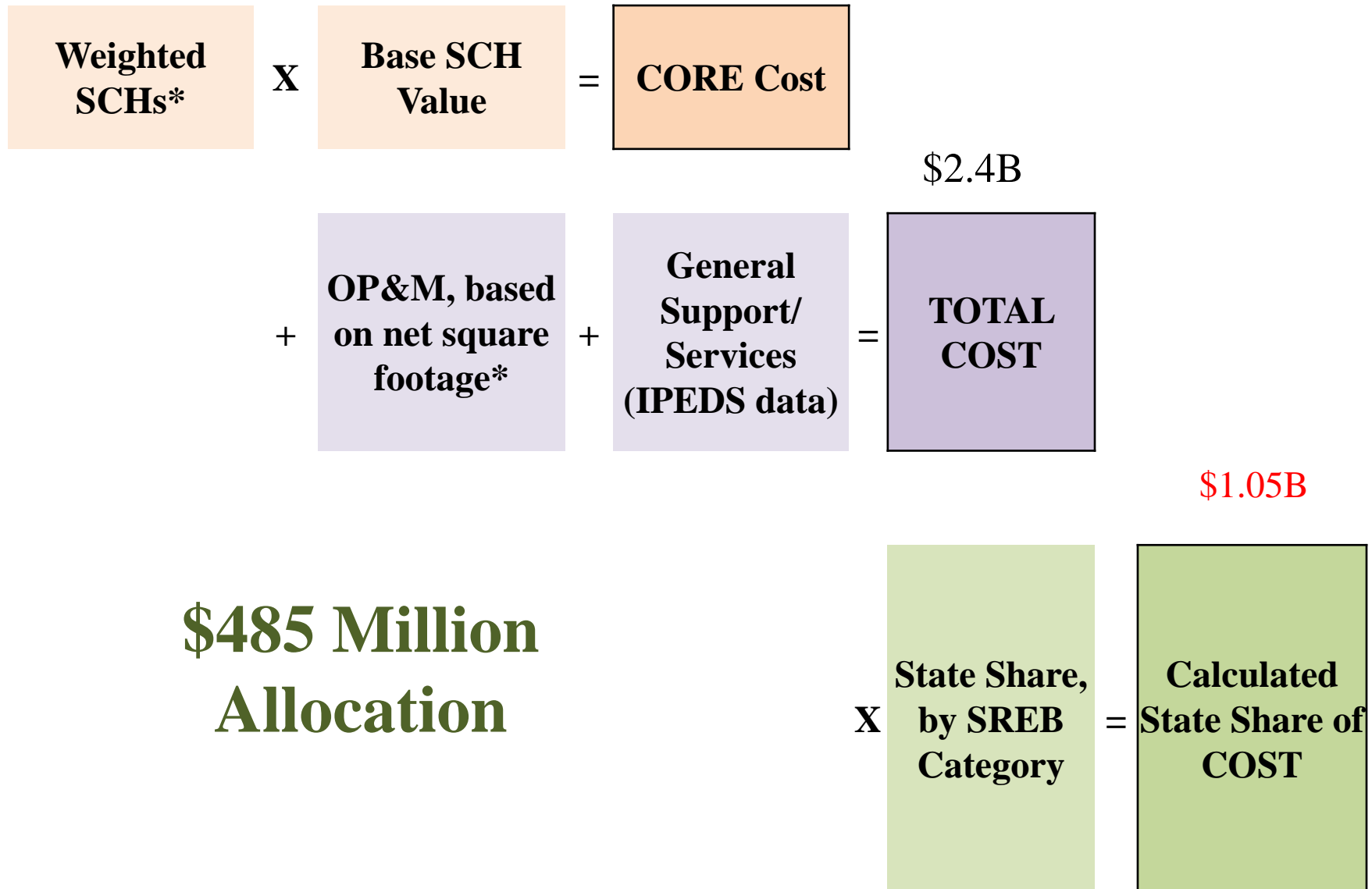
*Student SCH's\* X Weights by  
Cost Group & Level*

*SREB Avg Salary by category & Benefits  
Avg Lower Level, Liberal Arts Class Size\*  
Academic & Support Services*

# Weighted SCHs as a Class Schedule

Lower Level Undergraduate Schedule with Weights					
Dept	Course Number	Course Title	Credit Hours	Weight	Weighted SCHs
ENGL	1001	English Composition	3	1.0	3
MATH	1021	College Algebra	3	1.0	3
CHEM	1201	General Chemistry	3	1.75	5.25
ECON	2000	Prin. Of Microeconomics	3	1.11	3.33
ISDS	1100	Intro. Mgmt Info Systems	3	2.1	6.3
<b>Total Semester Hours</b>			<b>15</b>		<b>20.88</b>
Upper Level Undergraduate Schedule with Weights					
Dept	Course Number	Course Title	Credit Hours	Weight	Weighted SCHs
FIN	3716	Financial Management	3	1.71	5.13
MGT	3200	Prin. Of Management	3	1.71	5.13
ISDS	3115	Intro. to Operations Mgmt	3	2.45	7.35
AGEC	3003	Econ. Analysis In Agribus	3	2.54	7.62
HIST	3071	Louisiana History	3	1.69	5.07
<b>Total Semester Hours</b>			<b>15</b>		<b>30.3</b>

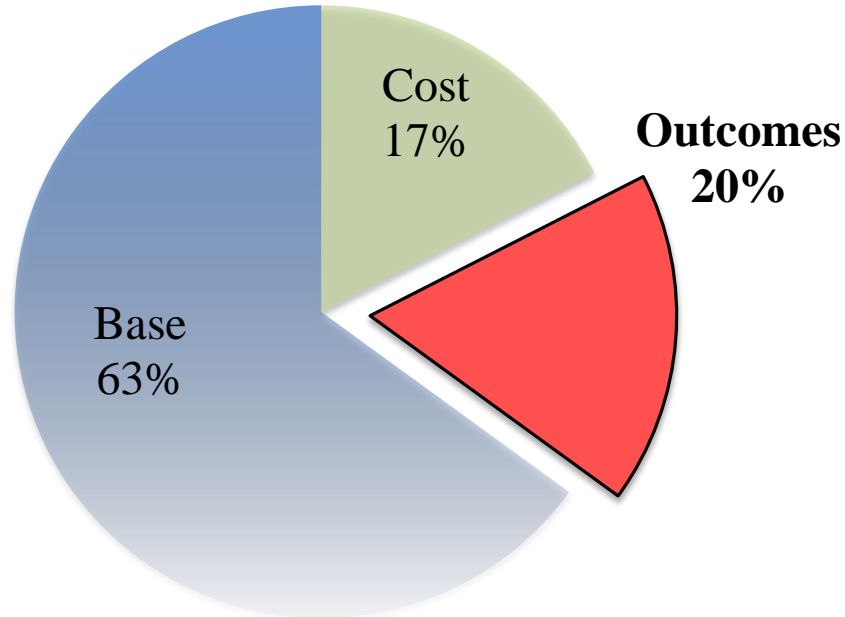
# BoR Funding Formula: Reality







# Outcomes Portion



# Outcomes Metrics

- **Student Access, Retention and Progression**
- Enrollment and Completion of students on **Pell**
- **Adult** (age  $\geq 25$ ) Undergraduate Enrollment and Completers
- **Cross-enrolled** students at 2 & 4yr institutions
- **Transfers** from 2 to 4yr institutions
- Grant-funded **Research**
- **Time-to-award** for students: **Associate (2-Year Inst.)**
- **Time-to-award** for students: **Baccalaureate (4-Year Inst.)**
- **Certificate and Diploma Completers**
- **Graduate Level Completers**
- **Completers** in programs leading to **4 or 5 Star Jobs**

## ACCESS (2-Yr)

Student Progression		Adult Students		Pell Students		Cross-Enrolled	
Student Level	<i>Enrl Factor</i>	Age Group	<i>Adults Factor</i>	Pell	<i>Pell Factor</i>	X-Enr 4-Yr	<i>X-Enrl Factor</i>
PR	<b>0.5</b>	≥25	<b>0</b>				
FR	<b>0.75</b>		<b>0.1</b>		Factor		Factor
SO	<b>1</b>		<b>0.1</b>		<b>0.2</b>		<b>0.1</b>
Other	<b>1.1</b>		<b>0.1</b>				

## OUTCOMES (2-Yr)

Time to Associate Degree		Cert/Degree Completer		Trans 2-4yr	Pell, Any Lvl	≥25 Cmpl	Completers in Programs Leading to 4-5 Star Jobs		
TTD	<i>TTD Factor</i>	Max Award	<i>Award Factor</i>				LED Priority	Cmpl, all Award Levels	<i>Factor</i>
<2 yrs	<b>1.5</b>	Cert	<b>0.25</b>				4		<b>3.5</b>
2.0 - 2.3	<b>1.4</b>	Diploma	<b>0.50</b>				3		<b>3.0</b>
2.3-2.7	<b>1.3</b>		<b>0.25</b>	Factor	Factor	Factor	2		<b>2.5</b>
2.7-3.0	<b>1.2</b>		<b>1.0</b>	<b>0.25</b>	<b>0.25</b>		1		<b>1.5</b>
3.0-4.0	<b>1.1</b>								
>4 yrs	<b>1</b>								

## ACCESS (4-Yr)

Student Progression		Adult Students		Pell Students				Research
Stu Level	<i>Enrl Factor</i>	Age Group	<i>Adults Factor</i>	Pell	<i>Pell Factor</i>	<i>Research Factor</i>		
PR	0.5	≥25	0		Factor <b>0.2</b>	<b>1.5</b>		
FR	0.5		0.1					
SO	0.75		0.1					
JR	1		0.2					
SR	1.1		0.2					
Other	0.75		0.1					
GRAD	1.2		0.1					

## OUTCOMES (4-Yr)

TTD Bacc		TTD Transfer		GRAD		Trans 2-4yr	Pell, Any Lvl	≥25 Cmpl	Completers Leading to 4-5 Star Jobs			
TTD	<i>TTD Factor</i>	TTD Trnsfr	<i>TTD Factor</i>	GRAD Degree	<i>Factor</i>							
<4 yrs	1.5	<3 yrs	1.5	Masters	1	Factor <b>0.5</b>	Factor <b>0.25</b>	Factor <b>0.25</b>	<b>LED Priority</b>			
4.0-4.5	1.4	3.0-3.5	1.4	Post-M	0.5							
4.5-5.0	1.3	3.5-4.0	1.3	Grad Cert	0.5							
5.0-6.0	1.2	4.0-4.5	1.2	Spec	0.5				4	3	2	1
5.0-8.0	1.1	4.5-6.0	1.1	Post-Prof	0.5							
>8 yrs	1	>6 yrs	1	Doctoral Prof	1.5 2							

# Statewide Two-Year Institutions

## Access Component Opportunities and Strengths

### Access Component of Outcomes

	Sum of Fall 2017 Enrollment *	2-Year Enrl Weights	Stud Level Weight	Age 25+	Age Weight	points
<b>All Two Year Institutions</b>					<b>0.1</b>	
Preparatory	10,502	0.5	5,251		-	5,251.0
Freshman	26,691	0.75	20,018	7,910	791.0	20,809.3
Sophomore	13,946	1	13,946	6,130	613.0	14,559.0
Other Undergraduate	15,035	1.1	16,539	8,846	884.6	17,423.1
	<b>66,174</b>		<b>55,754</b>	<b>22,886</b>	<b>2,288.6</b>	<b>58,042.4</b>

\*Excluding 100% online out-of-state students

Pell % of Undergrad Population	Students	Weight	points
43.0%	28,198	0.2	5639.7

	Cross-Enrolled	Weight	points
All Two Year Institutions	1,949	0.1	194.9

Completer Metrics	Points	Pro-Rata Share
Enrollment	55,753.8	100.0%
Adult Enrolled	2,288.6	100.0%
Pell Enrolled	5,639.7	100.0%
Cross-Enrolled	194.9	100.0%
<b>Total Completer Points</b>	<b>63,876.9</b>	<b>100.0%</b>

Listed below are formula strengths and opportunities for two year institutions across the state. This is a statewide perspective of the Access and Completer components of the Outcomes formula.

#### Opportunities:

Increase preparatory level through dual enrollment. Dual enrollment increased student credit hours for the institution which increases points earned in the formula. Dual enrollment can lead to high school graduates entering an institution with college credit and the potential to enter at a sophomore level.

#### Missison Specific

For Associate-degree seeking students, progress sophomore level students. There is a large enrollment of freshman level students, which does not award as many points in the formula. As these students progress to the sophomore level and complete degrees, more points will be earned through other formula metrics.

#### Strengths:

Adult and Pell Enrollment is very high at two year insitutions.

# Statewide Two-Year Institutions

## Completers Component Opportunities and Strengths

### Completion Component of Outcomes

Time-To-Degree (TTD)	TTD	Assoc Count	Weights	Assoc TTD Points
<b>All Two Year Institutions</b>	<=2 yrs	1186	1.5	1,779.0
	2.3-2.7	556	1.3	722.8
	2.7-3.0	588	1.2	705.6
	3.0-4.0	737	1.1	810.7
	>4 yrs	1763	1	1,763.0
<b>Total</b>		4830		5,781.1

**Mission Specific:**

Decrease the number of completers in the 3-4 year and 4 years or more time frame.

Students that finish in a shorter time frame will receive a higher weight. As the freshman level population progresses to sophomore level from enrollment mentioned above, then time-to-degree will become shorter.

Certificate/Diploma Awards	#	Weights	points
Certificates Awarded	4766	0.25	1191.5
Diplomas Awarded	2362	0.5	1181.0
<b>Total Awarded</b>	7,128		2372.5

**Mission Specific:**

Certificate/Diploma Awards should align to 4 & 5 star jobs.

	#	Weight	points
<b>Pell Cmpl</b>	8,042	0.25	2010.5
<b>25+ Cmpl</b>	6,545	0.25	1636.3

**Mission Specific:**

The two-year institutions do have large adult and Pell completer populations, which create additional points in the formula. As institutions are able to graduate more adult and Pell students, then more points can be earned.

Transfers 2 to 4-Yr			
Universities BRCC transfers to:	Transfers	Weight	Total
University of Louisiana-Lafayette	370	1	370
L.S.U. and A&M College	256	1	256
Southeastern Louisiana University	219	1	219
Northwestern State University	191	1	191
University of New Orleans	179	1	179
Southern University and A&M Coll.	149	1	149
McNeese State University	100	1	100
L.S.U. in Shreveport	98	1	98
Nicholls State University	98	1	98
University of Louisiana at Monroe	95	1	95
Louisiana Tech University	82	1	82
L.S.U. at Alexandria	64	1	64
Grambling State University	43	1	43
Southern University in New Orleans	29	1	29
<b>Grand Total</b>	1973		1973

**Mission Specific:**

As institutions are able to increase completers, then those students can transfer to four-year institutions and additional points will be earned.

Institutions can earn more points as students progress and complete associates degree then transfers to four-year institutions.

Not only will completers who transfer help two-year institutions, but then four-year institutions will benefit as well. Two-year institutions should look to strengthen 2+2 programs with area four-year institutions.

# Statewide Two-Year Institutions

## Completers Component Opportunities and Strengths

Levels	Workforce Weight
1	1.5
2	2.5
3	3.0
4	3.5

Workforce Component of Outcomes							
CCA Discipline Category	Star Job Completers		Sum of Wtd Rank Cmpl	Completers in <u>NON</u> Star Jobs		Total	
Arts and Humanities	140	4%	210.0	3,781	96%	3,921	100%
Business and Communication	915	69%	1,429.5	417	31%	1,332	100%
Education	0	0%	-	22	100%	22	100%
Health	1,857	85%	4,675.0	324	15%	2,181	100%
Science, Technology, Engineering, and Math (STEM)	2,478	95%	7,294.5	118	5%	2,596	100%
Social and Behavioral Sciences and Human Services	0	0%	-	115	100%	115	100%
Trades	2,504	84%	7,295.5	477	16%	2,981	100%
<b>All Two Year Institutions Total</b>	<b>7,894</b>	<b>60%</b>	<b>20,904.5</b>	<b>5,254</b>	<b>40%</b>	<b>13,148</b>	<b>100%</b>

Completer Metrics	Points	Pro-Rata Share
Time-To-Degree (TTD)	5,781.1	100.0%
Certificate/Diploma Awards	2,372.5	100.0%
Pell Cmpl	2,010.5	100.0%
25+ Cmpl	1,636.3	100.0%
Transfers 2 to 4-Yr	1,973.0	100.0%
Workforce	20,904.5	100.0%
<b>Total Completer Points</b>	<b>34,677.9</b>	<b>100.0%</b>

### Strength and Opportunity:

The strength is that those discipline categories that lead to 4 & 5 star jobs do have a high percentage of star job completers. However, there are some disciplines with degree programs that do not lead to 4 & 5 star jobs.

Board of Regents is committed to continue working with LWC and LED and consultants on refining the list of programs that give our graduates the best opportunities in the state.

# Statewide Four-Year Institutions

## Access Component Opportunities and Strengths

Access Component of Outcomes						
	Sum of Enrollment *	4-Year Enrl Weights	Stud Level Weight	Age 25+	Age Weight	points
Statewide				Lower Level	0.1	
				Upper Level	0.2	
Preparatory	13,805	0.5	6,902.5			6,902.5
Freshman	28,068	0.5	14,034.0	1,204	120.4	14,154.4
Sophomore	22,242	0.75	16,681.5	1,823	182.3	16,863.8
Other Undergraduate	1,916	0.75	1,437.0	1,351	135.1	1,572.1
Junior	21,691	1	21,691.0	2,991	598.2	22,289.2
Senior	32,146	1.1	35,360.6	10,234	2,046.8	37,407.4
Specialist Ed	97	1.2	116.4			116.4
Other Graduate	1,023	1.2	1,227.6			1,227.6
Graduate 1	12,257	1.2	14,708.4			14,708.4
Graduate 2	3,379	1.2	4,054.8			4,054.8
Professional Yr 1	403	1.2	483.6			483.6
Professional Yr 2	382	1.2	458.4			458.4
Professional Yr 3	339	1.2	406.8			406.8
Professional Yr 4	192	1.2	230.4			230.4
<b>Statewide</b>	<b>137,940</b>		<b>117,793.0</b>	<b>17,603</b>	<b>3,082.8</b>	<b>120,875.8</b>

\* Excluding 100% online out-of-state students

Pell % of Undergrad Population	Estimated Students	Weight	points
32.6%	39,112	0.2	7,822.4
Research	Weight	points	
All Four Years	88,480	1.5	132,719.5

Access Metrics	Points	Pro-Rata Share
Enrollment	117,793.0	100.0%
Adult Enrolled	3,082.8	100.0%
Pell Enrolled	7,822.4	100.0%
Research	132,719.5	100.0%
<b>Total Access Points</b>	<b>261,418</b>	<b>100.0%</b>

Listed below are formula strengths and opportunities for four-year institutions at a statewide level. This is a statewide perspective of the Access and Completer components of the Outcomes formula.

### Strengths:

Balanced enrollment at Sophomore and Junior levels.

### Opportunities:

Increase preparatory level through dual enrollment. Dual enrollment increases student credit for the institution which increases points earned in the formula. Dual enrollment can lead to school graduates entering an institution with college credit and the potential to enter at a sophomore level.

Progress Freshman level students. There is a large enrollment of freshman level students, which does not award as many points in the formula. As these students progress to the sophomore and complete degrees, more points will be earned through other formula metrics.

Progress senior level students. There is a large enrollment of senior level students, which does not award as many points in the formula; however, as these students complete degrees, more points will be earned through other formula metrics.

### Opportunities:

Additional Adult students enrolled would allow for additional points to be gained in the formula.

Increase research awards with faculty receiving Federal research dollars from NSF, NIH, etc.

### Strength:

Pell Enrollment is high at four-year institutions.



# Statewide Four-Year Institutions

## Completers Component Opportunities and Strengths

Completion Component of Outcomes								
Time-To-Degree (TTD)	FTF TTD Bacc	Sum of Bacc	Weights	Bacc TTD Points	Transfer TTD Bacc	Sum of Bacc Count	Weights	XFR TTD Calc
Four Year Institutions	<=4 yrs	5,681	1.5	8,521.5	<=3 yrs	3,271	1.5	4,906.50
	4.0-4.5	1,874	1.4	2,623.6	3.0-3.5	721	1.4	1,009.40
	4.5-5.0	1,798	1.3	2,337.4	3.5-4.0	677	1.3	880.10
	5.0-6.0	1,204	1.2	1,444.8	4.0-4.5	301	1.2	361.20
	6.0-8.0	756	1.1	831.6	4.5-6.0	562	1.1	618.20
	>8 yrs	850	1	850.0	>6 yrs	625	1	625.00
<b>Four Year Institutions</b>		<b>12,163</b>		<b>16,608.9</b>		<b>6,157</b>		<b>8400.4</b>

Grad Level Degrees	#	Weights	points
Masters	4,682	1	4,682.0
Post-Masters	34	0.5	17.0
Doctoral	527	1.5	790.5
Professional	396	2	792.0
Post-Professional	5	0.5	2.5
Specialist	45	0.5	22.5
Grad Cert	111	0.5	55.5
<b>Total Awarded</b>	<b>5,639</b>		<b>6,362.0</b>

	#	Weight	points
<b>Pell Cmpl</b>	<b>10,652</b>	<b>0.25</b>	<b>2,663.0</b>
	#	Weight	points
<b>25+ Cmpl</b>	<b>5,313</b>	<b>0.25</b>	<b>1,328.3</b>

Transfers 2 to 4-Yr			
Transfer to Four Years	Transfers	Weight	Total
Delgado Community College	333	0.5	166.5
South Louisiana Community Coll.	272	0.5	136.0
Bossier Parish Community College	269	0.5	134.5
L.S.U. at Eunice	236	0.5	118.0
Baton Rouge Community College	345	0.5	172.5
Louisiana Delta Community Coll.	111	0.5	55.5
L.E. Fletcher Technical Comm. Coll.	66	0.5	33.0
Southern University in Shreveport	145	0.5	72.5
Northshore Technical Community Col	62	0.5	31.0
Sowela Technical Community Coll.	40	0.5	20.0
River Parishes Community Coll.	56	0.5	28.0
Elaine P. Nunez Community Coll.	27	0.5	13.5
Central LA Tech Community College	11	0.5	5.5
<b>Grand Total</b>	<b>1973</b>		<b>986.5</b>

### Strengths:

Time-to-degree in four years or under first time freshman (47% of completers) and time-to-degree in under three years for transfer students (53% of completers).

### Opportunities:

Decrease the number of completers in the 8 or more years time frame for first time freshman and 4.5-6 year and 6 years or more time frame for transfer students.

Students that finish in a shorter time frame will receive a higher weight. As the senior level population decreases from enrollment mentioned above, then time-to-degree will become shorter. Increase the number of completers overall.

Then can also be decreases byprogressing freshmen class to sophomore class. The number of completers will increase in the future.

### Strength:

There is a large number of Pell completers. These points are added to students that complete degrees and meet the criteria for Pell.

### Opportunities:

As institutions are able to increase transfer students from two-year institutions, additional points will be earned.

Partnerships between four-year institutions and local two-year institutions should be strengthened to increase points.

Transfer students may also increase the adult population which would lead to increased points in Adult Enrollment and Adult Completers.

# Statewide Four-Year Institutions

## Completers Component Opportunities and Strengths

Levels	Workforce Weight
1	1.5
2	2.5
3	3.0
4	3.5

### Workforce Component of Outcomes

CCA Discipline Category	Star Job Completers		Sum of Wtd Rank Cmpl	Completers in <u>NON</u> Star Jobs		Total	
Science, Technology, Engineering, and Math (STEM)	5,177	97%	12,378.5	238	3%	5,415	100%
Business and Communication	4,774	92%	8,748.0	563	8%	5,337	100%
Health	3,482	95%	8,015.0	232	5%	3,714	100%
Education	2,580	95%	5,413.5	517	5%	3,097	100%
Social and Behavioral Sciences and Human Services	2,111	75%	3,295.5	1,131	25%	3,242	100%
Arts and Humanities	1,798	34%	3,412.5	1,806	66%	3,604	100%
Trades	897	84%	2,011.5	135	16%	1,032	100%
<b>UL System</b>	<b>20,819</b>	<b>82%</b>	<b>43,275</b>	<b>4,622</b>	<b>18%</b>	<b>25,441</b>	<b>100%</b>

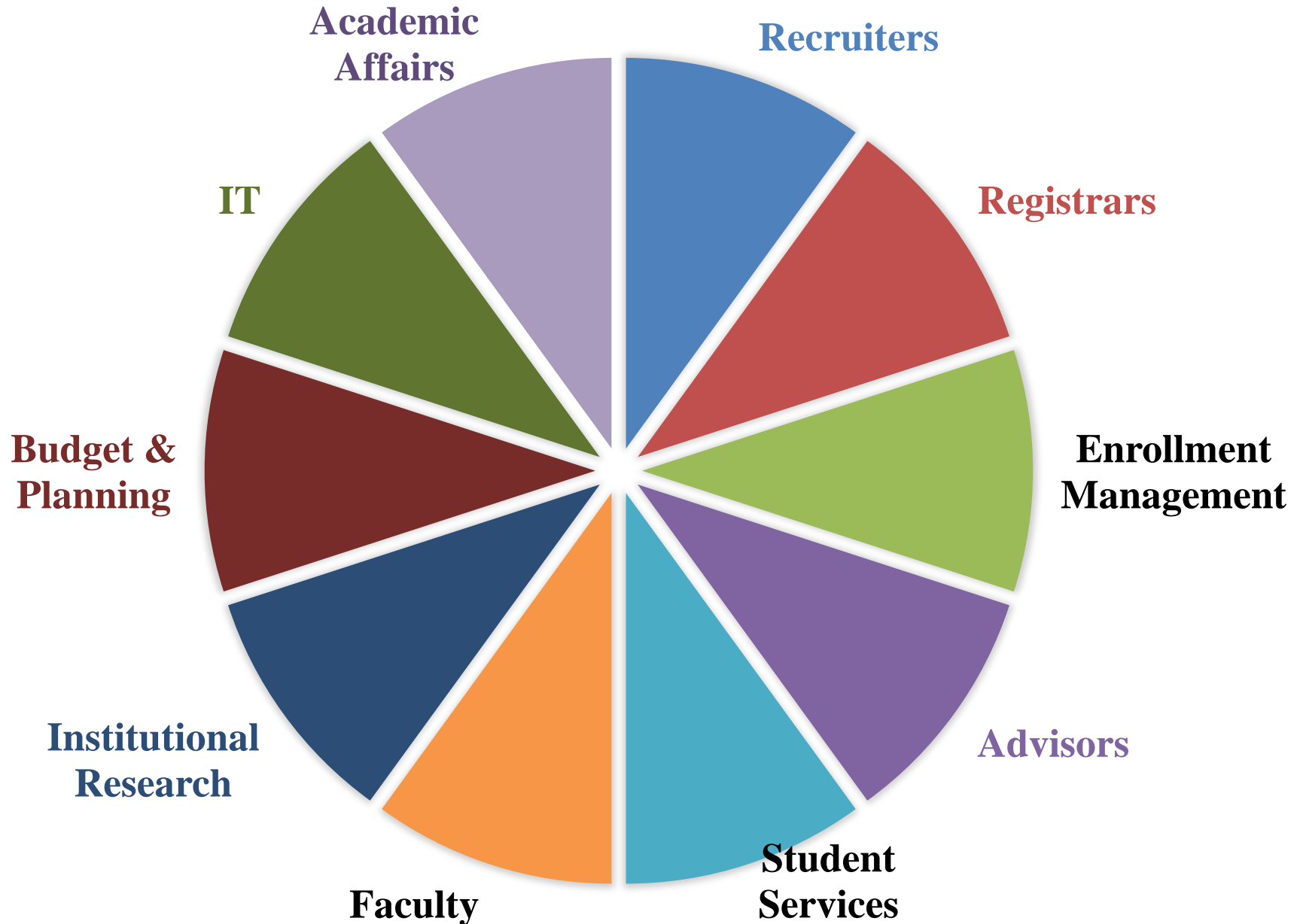
Completer Metrics	Points	Pro-Rata Share
FTIC Time-To-Degree (TTD)	16,608.9	100.0%
TTD Transfer	8,400.4	100.0%
Grad Level Awards	6,362.0	100.0%
Transfers 2 to 4-Yr	986.5	100.0%
Pell Cmpl	2,663.0	100.0%
25+ Cmpl	1,328.3	100.0%
Workforce	43,274.5	100.0%
<b>Total Completer Points</b>	<b>79,623.6</b>	<b>100.0%</b>

#### Strength:

Four-year institutions are very competitive with completers in programs that lead to 4 & 5 star jobs. The largest category that does not align to 4&5 star jobs is Arts and Humanities which includes degrees such as General Studies and Interdisciplinary Studies

Board of Regents is committed to continue working with LWC and LED and consultants on refining the list of programs that give our graduates the best opportunities in the state.

# EVERYONE has a piece of the pie...





# Contact Information

Call 225-342-4253 or e-mail

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