



## Student Steel Bridge Competition - Category Ranking

Competition:	ASCE Region 6
Location:	San Angelo, Texas
Date:	Friday, April 12, 2024
Die Roll Result:	6

### Not Ranked

Full Name	Ineligibility	Reason
Angelo State University	3	Bridge is unsuitable for intended purpose
University of Texas, Rio Grande Valley	3	Bridge is unsuitable for intended purpose
University of Houston	4	Did not complete competition.
University of Texas at El Paso	5	Judges deem the bridge unsafe to compete for any reason
Texas Tech University	10.8.2	Construction Time Limit Exceeded. 45 minutes
University of Texas at Austin	10.8.2	Construction Time Limit Exceeded. 45 minutes
New Mexico Institute of Mining and Technology	9.2.2	Bridge does not provide access for safely placing decking & load.
Southern Methodist University	None	
Universidad Nacional Autónoma de Mexico	None	
Texas A&M University	None	
University of Texas at San Antonio	None	
University of Texas at Arlington	None	
University of Oklahoma	None	
LeTourneau University	None	
Universidad Panamericana, Guadalajara	None	
Tarleton State University	None	
Universidad La Salle, Mexico City	None	
New Mexico State University	None	
University of Texas at Tyler, Houston Engineering Center	None	
West Texas A&M University	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Universidad Panamericana, Guadalajara	11.37	1
Universidad Nacional Autónoma de Mexico	18.18	2
University of Texas at Tyler, Houston Engineering Center	20.50	3
University of Texas at Arlington	26.53	4
Universidad La Salle, Mexico City	33.12	5
University of Texas at San Antonio	34.57	6
University of Oklahoma	43.82	7
New Mexico State University	52.78	8
Southern Methodist University	185.50	9
West Texas A&M University	204.50	10
Tarleton State University	204.50	11
Texas A&M University	214.50	12
LeTourneau University	228.75	13
University of Texas at Austin	9999.00	NR
University of Texas at El Paso	61.95	NR
University of Houston	0.00	NR
Angelo State University	9999.00	NR
University of Texas, Rio Grande Valley	202.25	NR
Texas Tech University	9999.00	NR
New Mexico Institute of Mining and Technology	280.25	NR



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<b>Competition:</b>	ASCE Region 6
<b>Location:</b>	San Angelo, Texas
<b>Date:</b>	Friday, April 12, 2024
<b>Die Roll Result:</b>	6

### Lightness

Full Name	Weight (lbs)	Rank
University of Oklahoma	267.5	1
University of Texas at Tyler, Houston Engineering Center	303.6	2
Universidad Nacional Autónoma de Mexico	351.6	3
Universidad La Salle, Mexico City	386.5	4
Southern Methodist University	391.8	5
Universidad Panamericana, Guadalajara	447.9	6
New Mexico State University	716.8	7
West Texas A&M University	737.3	8
Tarleton State University	799.5	9
University of Texas at Arlington	842.2	10
University of Texas at San Antonio	995.8	11
LeTourneau University	1038.3	12
Texas A&M University	1325.5	13
University of Texas at Austin	640.0	NR
University of Texas at El Paso	120.0	NR
University of Houston	0.0	NR
Angelo State University	600.0	NR
University of Texas, Rio Grande Valley	220.0	NR
Texas Tech University	40.0	NR
New Mexico Institute of Mining and Technology	100.0	NR

### Aesthetics

Full Name	Score	Rank
University of Texas at Arlington	13.33	1
LeTourneau University	11.67	2
University of Texas at Tyler, Houston Engineering Center	11.67	3
Southern Methodist University	11.33	4
Universidad Nacional Autónoma de Mexico	11.33	5
Universidad Panamericana, Guadalajara	11.33	6
New Mexico State University	11.00	7
Texas A&M University	11.00	8
Texas Tech University	10.83	9
University of Oklahoma	10.67	10
University of Texas at San Antonio	10.33	11
University of Texas at El Paso	10.33	12
New Mexico Institute of Mining and Technology	10.00	13
University of Texas at Austin	9.33	14
Universidad La Salle, Mexico City	8.83	15
West Texas A&M University	8.00	16
Angelo State University	7.33	17
University of Houston	7.00	18
Tarleton State University	6.17	19
University of Texas, Rio Grande Valley	5.67	20



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	ASCE Region 6
<b>Location:</b>	San Angelo, Texas
<b>Date:</b>	Friday, April 12, 2024
<b>Die Roll Result:</b>	6

### Stiffness

Full Name	Agg D (in)	Rank
Universidad Panamericana, Guadalajara	1.13	1
LeTourneau University	1.16	2
Universidad Nacional Autónoma de Mexico	1.83	3
University of Texas at Arlington	1.94	4
West Texas A&M University	2.37	5
New Mexico State University	2.86	6
University of Texas at Tyler, Houston Engineering Center	3.02	7
Southern Methodist University	10.00	8
Texas A&M University	10.00	9
University of Oklahoma	10.00	10
University of Texas at San Antonio	10.00	11
Universidad La Salle, Mexico City	10.00	12
Tarleton State University	10.00	13
University of Texas at Austin	0.00	NR
University of Texas at El Paso	0.00	NR
University of Houston	0.00	NR
Angelo State University	0.00	NR
University of Texas, Rio Grande Valley	0.00	NR
Texas Tech University	0.00	NR
New Mexico Institute of Mining and Technology	0.00	NR

### Cost Estimate

Full Name	Estimate	Rank
University of Texas at Tyler, Houston Engineering Center	\$ 926,050.05	1
Universidad Nacional Autónoma de Mexico	\$ 3,362,641.53	2
Universidad Panamericana, Guadalajara	\$ 3,694,081.43	3
Tarleton State University	\$ 7,254,395.37	4
University of Texas at Arlington	\$ 8,853,222.11	5
New Mexico State University	\$ 24,267,559.99	6
Southern Methodist University	\$ 42,268,424.45	7
Texas A&M University	\$ 52,908,441.55	8
Universidad La Salle, Mexico City	\$ 63,233,876.00	9
University of Oklahoma	\$ 64,546,663.51	10
University of Texas at San Antonio	\$ 77,675,865.64	11
West Texas A&M University	\$ 102,461,525.38	12
LeTourneau University	\$ 134,971,397.13	13
University of Texas at Austin	\$ 9,119,839,607.00	NR
University of Texas at El Paso	\$ 8,344,500.00	NR
University of Houston	\$ -	NR
Angelo State University	\$ 9,168,043,347.00	NR
University of Texas, Rio Grande Valley	\$ 171,712,500.00	NR
Texas Tech University	\$ 9,163,568,000.00	NR
New Mexico Institute of Mining and Technology	\$ 107,888,439.00	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	ASCE Region 6
<b>Location:</b>	San Angelo, Texas
<b>Date:</b>	Friday, April 12, 2024
<b>Die Roll Result:</b>	6

### Economy

Full Name	Cc	Rank
Universidad Panamericana, Guadalajara	\$ 7,623,000.00	1
Universidad Nacional Autónoma de Mexico	\$ 9,642,916.67	2
University of Texas at Arlington	\$ 15,100,891.67	3
University of Texas at Tyler, Houston Engineering Center	\$ 15,115,000.00	4
Universidad La Salle, Mexico City	\$ 20,848,333.33	5
University of Oklahoma	\$ 23,343,500.00	6
University of Texas at San Antonio	\$ 25,721,166.67	7
New Mexico State University	\$ 27,921,833.33	8
West Texas A&M University	\$ 109,625,000.00	9
Southern Methodist University	\$ 129,575,000.00	10
LeTourneau University	\$ 157,087,500.00	11
Tarleton State University	\$ 175,725,000.00	12
Texas A&M University	\$ 178,225,000.00	13
University of Texas at Austin	\$ 9,199,080,000.00	NR
University of Texas at El Paso	\$ 27,455,500.00	NR
University of Houston	\$ 0.00	NR
Angelo State University	\$ 9,199,080,000.00	NR
University of Texas, Rio Grande Valley	\$ 171,162,500.00	NR
Texas Tech University	\$ 9,199,080,000.00	NR
New Mexico Institute of Mining and Technology	\$ 149,262,500.00	NR

### Efficiency

Full Name	Cs	Rank
Universidad Nacional Autónoma de Mexico	\$ 8,864,695.86	1
Universidad Panamericana, Guadalajara	\$ 8,878,168.43	2
LeTourneau University	\$ 10,642,445.13	3
University of Texas at Arlington	\$ 11,623,316.44	4
University of Texas at Tyler, Houston Engineering Center	\$ 13,958,949.95	5
New Mexico State University	\$ 16,947,935.65	6
West Texas A&M University	\$ 18,247,525.38	7
University of Oklahoma	\$ 61,303,163.51	8
Universidad La Salle, Mexico City	\$ 62,114,647.66	9
University of Texas at San Antonio	\$ 62,904,698.97	10
Southern Methodist University	\$ 63,109,481.45	11
Tarleton State University	\$ 64,507,049.37	12
Texas A&M University	\$ 67,534,413.55	13
University of Texas at Austin	\$ 1,600,000.00	NR
University of Texas at El Paso	\$ 300,000.00	NR
University of Houston	\$ 0.00	NR
Angelo State University	\$ 1,500,000.00	NR
University of Texas, Rio Grande Valley	\$ 550,000.00	NR
Texas Tech University	\$ 100,000.00	NR
New Mexico Institute of Mining and Technology	\$ 250,000.00	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	ASCE Region 6
<b>Location:</b>	San Angelo, Texas
<b>Date:</b>	Friday, April 12, 2024
<b>Die Roll Result:</b>	6

### Overall

Full Name	Cc + Cs	Rank
Universidad Panamericana, Guadalajara	\$ 16,501,168.43	1
Universidad Nacional Autónoma de Mexico	\$ 18,507,612.53	2
University of Texas at Arlington	\$ 26,724,208.11	3
University of Texas at Tyler, Houston Engineering Center	\$ 29,073,949.95	4
New Mexico State University	\$ 44,869,768.99	5
Universidad La Salle, Mexico City	\$ 82,962,981.00	6
University of Oklahoma	\$ 84,646,663.51	7
University of Texas at San Antonio	\$ 88,625,865.64	8
West Texas A&M University	\$ 127,872,525.38	9
LeTourneau University	\$ 167,729,945.13	10
Southern Methodist University	\$ 192,684,481.45	11
Tarleton State University	\$ 240,232,049.37	12
Texas A&M University	\$ 245,759,413.55	13
University of Texas at Austin	\$ 9,200,680,000.00	NR
University of Texas at El Paso	\$ 27,755,500.00	NR
University of Houston	\$ 0.00	NR
Angelo State University	\$ 9,200,580,000.00	NR
University of Texas, Rio Grande Valley	\$ 171,712,500.00	NR
Texas Tech University	\$ 9,199,180,000.00	NR
New Mexico Institute of Mining and Technology	\$ 149,512,500.00	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Carolinas</b>
<b>Location:</b>	<b>Charlotte, North Carolina</b>
<b>Date:</b>	<b>Saturday, April 6, 2024</b>
<b>Die Roll Result:</b>	<b>2</b>

### Not Ranked

Full Name	Ineligibility	Reason
University of South Carolina	9.3	Excessive dimensional violation
North Carolina State University	None	
Clemson University	None	
The Citadel	None	
University of North Carolina at Charlotte	None	

### Construction Speed

Full Name	Time (minutes)	Rank
University of North Carolina at Charlotte	19.50	1
The Citadel	32.33	2
Clemson University	40.68	3
North Carolina State University	41.43	4
University of South Carolina	210.50	NR

### Lightness

Full Name	Weight (lbs)	Rank
University of North Carolina at Charlotte	244.1	1
North Carolina State University	502.5	2
The Citadel	798.7	3
Clemson University	882.8	4
University of South Carolina	565.7	NR

### Aesthetics

Full Name	Score	Rank
University of North Carolina at Charlotte	14.00	1
The Citadel	12.67	2
Clemson University	12.50	3
North Carolina State University	12.33	4
University of South Carolina	10.67	5

### Stiffness

Full Name	Agg D (in)	Rank
University of North Carolina at Charlotte	0.55	1
North Carolina State University	1.30	2
The Citadel	2.39	3
Clemson University	10.00	4
University of South Carolina	10.00	NR

## Cost Estimate

Full Name	Estimate	Rank
University of North Carolina at Charlotte	\$ 2,012,069.11	1
North Carolina State University	\$ 4,157,043.69	2
The Citadel	\$ 9,527,302.24	3
Clemson University	\$ 61,440,659.84	4
University of South Carolina	\$ 185,997,934.89	NR

## Economy

Full Name	Cc	Rank
University of North Carolina at Charlotte	\$ 9,912,500.00	1
North Carolina State University	\$ 25,167,583.33	2
The Citadel	\$ 25,726,666.67	3
Clemson University	\$ 27,121,500.00	4
University of South Carolina	\$ 156,525,000.00	NR

## Efficiency

Full Name	Cs	Rank
University of North Carolina at Charlotte	\$ 3,575,430.89	1
North Carolina State University	\$ 7,565,494.97	2
The Citadel	\$ 17,624,105.57	3
Clemson University	\$ 63,319,159.84	4
University of South Carolina	\$ 63,214,334.89	NR

## Overall

Full Name	Cc + Cs	Rank
University of North Carolina at Charlotte	\$ 13,487,930.89	1
North Carolina State University	\$ 32,733,078.31	2
The Citadel	\$ 43,350,772.24	3
Clemson University	\$ 90,440,659.84	4
University of South Carolina	\$ 219,739,334.89	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	Eastern Great Lakes
<b>Location:</b>	Akron, Ohio
<b>Date:</b>	Saturday, April 6, 2024
<b>Die Roll Result:</b>	6

### Not Ranked

Full Name	Ineligibility	Reason
Ohio State University	11.4	Failed lateral load test
Youngstown State University	None	
University of Michigan	None	
Case Western Reserve University	None	
Cleveland State University	None	
Lawrence Technological University	None	
Michigan Technological University	None	
Ohio Northern University	None	
Ohio University	None	
University of Akron	None	
University of Cincinnati	None	
Wayne State University	None	
University of Dayton	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Youngstown State University	9.28	1
Michigan Technological University	12.98	2
Wayne State University	14.27	3
Ohio Northern University	18.57	4
Ohio University	22.48	5
University of Michigan	25.20	6
Cleveland State University	26.32	7
Case Western Reserve University	29.05	8
University of Akron	30.45	9
University of Cincinnati	47.73	10
Lawrence Technological University	189.75	11
University of Dayton	190.75	12
Ohio State University	30.33	NR

### Lightness

Full Name	Weight (lbs)	Rank
Michigan Technological University	216.0	1
Youngstown State University	229.4	2
University of Michigan	284.2	3
Case Western Reserve University	305.7	4
University of Akron	308.2	5
Cleveland State University	344.6	6
Wayne State University	373.7	7
Ohio University	476.4	8
Lawrence Technological University	596.6	9
University of Cincinnati	646.2	10
Ohio Northern University	690.4	11
University of Dayton	2164.7	12
Ohio State University	936.4	NR



## Aesthetics

Full Name	Score	Rank
Cleveland State University	13.75	1
University of Michigan	11.25	2
Wayne State University	11.00	3
Case Western Reserve University	10.50	4
University of Akron	10.50	5
Lawrence Technological University	9.75	6
Michigan Technological University	9.50	7
Ohio Northern University	9.00	8
University of Dayton	8.75	9
Ohio University	8.50	10
University of Cincinnati	8.00	11
Youngstown State University	8.00	12
Ohio State University	7.75	13

## Stiffness

Full Name	Agg D (in)	Rank
Michigan Technological University	0.55	1
Ohio University	0.74	2
Case Western Reserve University	0.76	3
Youngstown State University	0.77	4
University of Dayton	0.94	5
University of Michigan	1.14	6
University of Cincinnati	1.97	7
University of Akron	3.56	8
Lawrence Technological University	3.65	9
Wayne State University	4.06	10
Cleveland State University	10.00	11
Ohio Northern University	10.00	12
Ohio State University	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
Ohio University	\$ 221,432.04	1
University of Michigan	\$ 314,915.13	2
Michigan Technological University	\$ 616,668.65	3
Youngstown State University	\$ 617,493.87	4
Case Western Reserve University	\$ 5,085,863.73	5
University of Cincinnati	\$ 14,556,654.77	6
Wayne State University	\$ 17,830,673.41	7
University of Akron	\$ 24,381,206.12	8
Ohio Northern University	\$ 60,509,857.07	9
Cleveland State University	\$ 65,457,915.85	10
University of Dayton	\$ 127,925,236.27	11
Lawrence Technological University	\$ 140,047,111.22	12
Ohio State University	\$ 2,589,636.12	NR

## Economy

Full Name	Cc	Rank
Youngstown State University	\$ 5,094,166.67	1
Michigan Technological University	\$ 5,814,833.33	2
University of Michigan	\$ 8,480,250.00	3
Wayne State University	\$ 13,404,000.00	4
Ohio University	\$ 14,523,500.00	5
Ohio Northern University	\$ 16,811,000.00	6
University of Cincinnati	\$ 20,616,000.00	7
Cleveland State University	\$ 22,826,166.67	8
Case Western Reserve University	\$ 22,830,250.00	9
University of Akron	\$ 23,580,500.00	10
Lawrence Technological University	\$ 151,337,500.00	11
University of Dayton	\$ 168,287,500.00	12
Ohio State University	\$ 21,504,583.33	NR

## Efficiency

Full Name	Cs	Rank
Michigan Technological University	\$ 3,290,240.02	1
Case Western Reserve University	\$ 4,283,585.27	2
Youngstown State University	\$ 4,302,327.20	3
Ohio University	\$ 5,839,801.04	4
University of Michigan	\$ 6,396,308.87	5
University of Cincinnati	\$ 10,845,776.77	6
University of Dayton	\$ 24,803,615.27	7
University of Akron	\$ 26,382,111.12	8
Wayne State University	\$ 28,020,024.41	9
Lawrence Technological University	\$ 30,152,403.22	10
Cleveland State University	\$ 62,648,250.18	11
Ohio Northern University	\$ 63,121,257.07	12
Ohio State University	\$ 4,273,199.79	NR

## Overall

Full Name	Cc + Cs	Rank
Michigan Technological University	\$ 9,105,073.35	1
Youngstown State University	\$ 9,396,493.87	2
University of Michigan	\$ 14,876,558.87	3
Ohio University	\$ 20,363,301.04	4
Case Western Reserve University	\$ 27,113,835.27	5
University of Cincinnati	\$ 31,461,776.77	6
Wayne State University	\$ 41,424,024.41	7
University of Akron	\$ 49,962,611.12	8
Ohio Northern University	\$ 79,932,257.07	9
Cleveland State University	\$ 85,474,416.85	10
Lawrence Technological University	\$ 181,489,903.22	11
University of Dayton	\$ 193,091,115.27	12
Ohio State University	\$ 25,777,783.12	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Gulf Coast</b>
<b>Location:</b>	<b>New Orleans, Louisiana</b>
<b>Date:</b>	<b>Saturday, March 9, 2024</b>
<b>Die Roll Result:</b>	<b>5</b>

### Not Ranked

Full Name	Ineligibility	Reason
Louisiana State University	4	Did not complete competition.
University of Louisiana at Lafayette	10.8.2	Construction Time Limit Exceeded. 45 minutes
Auburn University	None	
Louisiana Tech University	None	
University of Alabama, Huntsville	None	
University of New Orleans	None	
University of South Alabama	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Auburn University	13.82	1
University of New Orleans	20.15	2
University of Alabama, Huntsville	22.92	3
University of South Alabama	23.27	4
Louisiana Tech University	24.52	5
Louisiana State University	0.00	NR
University of Louisiana at Lafayette	9999.00	NR

### Lightness

Full Name	Weight (lbs)	Rank
University of Alabama, Huntsville	212.9	1
Auburn University	220.9	2
University of New Orleans	261.0	3
University of South Alabama	267.2	4
Louisiana Tech University	389.4	5
Louisiana State University	0.0	NR
University of Louisiana at Lafayette	376.5	NR

### Aesthetics

Full Name	Score	Rank
Louisiana State University	0.00	-1
Louisiana Tech University	12.00	1
University of Alabama, Huntsville	10.33	2
University of New Orleans	10.00	3
Auburn University	7.00	4
University of Louisiana at Lafayette	6.67	5
University of South Alabama	6.33	6

## Stiffness

Full Name	Agg D (in)	Rank
Auburn University	1.40	1
University of New Orleans	1.57	2
Louisiana Tech University	10.00	3
University of Alabama, Huntsville	10.00	4
University of South Alabama	10.00	5
Louisiana State University	0.00	NR
University of Louisiana at Lafayette	10.00	NR

## Cost Estimate

Full Name	Estimate	Rank
Auburn University	\$ 246,755.94	1
University of New Orleans	\$ 833,063.24	2
University of Alabama, Huntsville	\$ 59,122,279.50	3
Louisiana Tech University	\$ 60,097,172.07	4
University of South Alabama	\$ 60,405,308.12	5
Louisiana State University	\$ 408,000,000.00	NR
University of Louisiana at Lafayette	\$ 9,204,380,566.72	NR

## Economy

Full Name	Cc	Rank
Auburn University	\$ 7,863,333.33	1
University of New Orleans	\$ 11,180,000.00	2
University of South Alabama	\$ 15,672,083.33	3
Louisiana Tech University	\$ 17,946,500.00	4
University of Alabama, Huntsville	\$ 21,060,416.67	5
Louisiana State University	\$ (0.00)	NR
University of Louisiana at Lafayette	\$ 9,203,080,000.00	NR

## Efficiency

Full Name	Cs	Rank
Auburn University	\$ 6,737,710.72	1
University of New Orleans	\$ 7,672,432.24	2
University of Alabama, Huntsville	\$ 61,060,462.83	3
University of South Alabama	\$ 61,300,150.78	4
Louisiana Tech University	\$ 62,150,672.07	5
Louisiana State University	\$ (0.00)	NR
University of Louisiana at Lafayette	\$ 62,190,246.72	NR

## Overall

Full Name	Cc + Cs	Rank
Auburn University	\$ 14,601,044.06	1
University of New Orleans	\$ 18,852,432.24	2
University of South Alabama	\$ 76,972,234.12	3
Louisiana Tech University	\$ 80,097,172.07	4
University of Alabama, Huntsville	\$ 82,120,879.50	5
Louisiana State University	\$ (0.00)	NR
University of Louisiana at Lafayette	\$ 9,265,270,246.72	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	Indiana-Kentucky
<b>Location:</b>	Hammond, Indiana
<b>Date:</b>	Saturday, April 13, 2024
<b>Die Roll Result:</b>	6

### Not Ranked

Full Name	Ineligibility	Reason
University of Southern Indiana	4	Did not complete competition.
Rose-Hulman Institute of Technology	None	
Trine University	None	
Western Kentucky University	None	
Purdue University, West Lafayette	None	
University of Louisville	None	
University of Notre Dame	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Trine University	23.27	1
Purdue University, West Lafayette	23.30	2
Western Kentucky University	26.08	3
Rose-Hulman Institute of Technology	31.77	4
University of Notre Dame	34.20	5
University of Louisville	181.00	6
University of Southern Indiana	0.00	NR

### Lightness

Full Name	Weight (lbs)	Rank
Western Kentucky University	240.2	1
Purdue University, West Lafayette	323.9	2
Trine University	484.1	3
University of Louisville	517.8	4
Rose-Hulman Institute of Technology	574.8	5
University of Notre Dame	1074.5	6
University of Southern Indiana	0.0	NR

### Aesthetics

Full Name	Score	Rank
Trine University	13.67	1
Rose-Hulman Institute of Technology	13.67	2
Western Kentucky University	12.50	3
University of Southern Indiana	10.67	4
University of Notre Dame	10.33	5
Purdue University, West Lafayette	9.33	6
University of Louisville	8.00	7

## Stiffness

Full Name	Agg D (in)	Rank
Rose-Hulman Institute of Technology	1.80	1
Trine University	2.00	2
Western Kentucky University	2.80	3
University of Notre Dame	3.30	4
Purdue University, West Lafayette	10.00	5
University of Louisville	10.00	6
University of Southern Indiana	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
Rose-Hulman Institute of Technology	\$ 1,422,967.28	1
Trine University	\$ 1,711,192.41	2
Western Kentucky University	\$ 7,819,447.54	3
University of Notre Dame	\$ 11,149,035.26	4
Purdue University, West Lafayette	\$ 47,218,747.01	5
University of Louisville	\$ 231,707,566.87	6
University of Southern Indiana	\$ -	NR

## Economy

Full Name	Cc	Rank
Western Kentucky University	\$ 13,157,500.00	1
Trine University	\$ 14,624,000.00	2
Rose-Hulman Institute of Technology	\$ 19,499,000.00	3
Purdue University, West Lafayette	\$ 22,201,500.00	4
University of Notre Dame	\$ 24,478,500.00	5
University of Louisville	\$ 169,850,000.00	6
University of Southern Indiana	\$ 0.00	NR

## Efficiency

Full Name	Cs	Rank
Trine University	\$ 10,335,081.41	1
Rose-Hulman Institute of Technology	\$ 10,549,167.28	2
Western Kentucky University	\$ 12,380,870.54	3
University of Notre Dame	\$ 18,324,122.60	4
Purdue University, West Lafayette	\$ 61,417,247.01	5
University of Louisville	\$ 61,857,566.87	6
University of Southern Indiana	\$ 0.00	NR

## Overall

Full Name	Cc + Cs	Rank
Trine University	\$ 24,959,081.41	1
Western Kentucky University	\$ 25,538,370.54	2
Rose-Hulman Institute of Technology	\$ 30,048,167.28	3
University of Notre Dame	\$ 42,802,622.60	4
Purdue University, West Lafayette	\$ 83,618,747.01	5
University of Louisville	\$ 231,707,566.87	6
University of Southern Indiana	\$ 0.00	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	Intermountain Southwest
<b>Location:</b>	Logan, Utah
<b>Date:</b>	Friday, April 12, 2024
<b>Die Roll Result:</b>	6

### Not Ranked

Full Name	Ineligibility	Reason
Utah Valley University	4	Did not complete competition.
Arizona State University	None	
Boise State University	None	
Brigham Young University	None	
Northern Arizona University	None	
University of Arizona	None	
University of Nevada, Las Vegas	None	
University of Nevada, Reno	None	
Utah State University	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Utah State University	14.68	1
University of Nevada, Reno	15.12	2
Boise State University	18.52	3
Brigham Young University	20.33	4
Arizona State University	31.28	5
University of Nevada, Las Vegas	33.20	6
University of Arizona	35.88	7
Northern Arizona University	188.75	8
Utah Valley University	0.00	NR

### Lightness

Full Name	Weight (lbs)	Rank
Boise State University	250.0	1
University of Arizona	319.0	2
University of Nevada, Reno	334.0	3
Utah State University	356.0	4
Brigham Young University	505.0	5
Arizona State University	556.0	6
Northern Arizona University	662.0	7
University of Nevada, Las Vegas	1030.0	8
Utah Valley University	0.0	NR

### Aesthetics

Full Name	Score	Rank
Boise State University	12.54	1
University of Nevada, Las Vegas	12.47	2
Utah State University	12.38	3
Brigham Young University	11.34	4
University of Arizona	11.28	5
Arizona State University	10.96	6
University of Nevada, Reno	10.72	7
Northern Arizona University	9.71	8
Utah Valley University	0.00	9

## Stiffness

Full Name	Agg D (in)	Rank
Utah State University	1.03	1
Boise State University	1.17	2
Brigham Young University	1.29	3
Arizona State University	1.31	4
University of Arizona	3.28	5
University of Nevada, Las Vegas	10.00	6
University of Nevada, Reno	10.00	7
Northern Arizona University	10.00	8
Utah Valley University	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
Utah State University	\$ 409,574.16	1
Boise State University	\$ 1,198,500.69	2
Brigham Young University	\$ 1,405,270.96	3
University of Arizona	\$ 5,481,974.60	4
Arizona State University	\$ 13,016,839.91	5
University of Nevada, Reno	\$ 44,231,219.48	6
University of Nevada, Las Vegas	\$ 67,376,145.15	7
Northern Arizona University	\$ 205,078,014.22	8
Utah Valley University	\$ -	NR

## Economy

Full Name	Cc	Rank
Brigham Young University	\$ 6,920,000.00	1
Utah State University	\$ 8,280,416.67	2
Boise State University	\$ 11,236,500.00	3
University of Nevada, Reno	\$ 15,613,916.67	4
Arizona State University	\$ 20,485,500.00	5
University of Arizona	\$ 24,584,833.33	6
University of Nevada, Las Vegas	\$ 32,031,500.00	7
Northern Arizona University	\$ 171,787,500.00	8
Utah Valley University	\$ 0.00	NR

## Efficiency

Full Name	Cs	Rank
Utah State University	\$ 5,710,009.17	1
Boise State University	\$ 5,958,408.69	2
Brigham Young University	\$ 7,367,781.96	3
Arizona State University	\$ 7,495,621.91	4
University of Arizona	\$ 14,352,998.27	5
University of Nevada, Reno	\$ 61,371,139.81	6
Northern Arizona University	\$ 63,410,415.22	7
University of Nevada, Las Vegas	\$ 63,758,166.15	8
Utah Valley University	\$ 0.00	NR

## Overall

Full Name	Cc + Cs	Rank
Utah State University	\$ 13,990,425.84	1
Brigham Young University	\$ 14,287,781.96	2
Boise State University	\$ 17,194,908.69	3
Arizona State University	\$ 27,981,121.91	4
University of Arizona	\$ 38,937,831.60	5
University of Nevada, Reno	\$ 76,985,056.48	6
University of Nevada, Las Vegas	\$ 95,789,666.15	7
Northern Arizona University	\$ 235,197,915.22	8
Utah Valley University	\$ 0.00	NR





## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Metropolitan</b>
<b>Location:</b>	<b>Stony Brook, New York</b>
<b>Date:</b>	<b>Saturday, April 13, 2024</b>
<b>Die Roll Result:</b>	<b>6</b>

### Not Ranked

Full Name	Ineligibility	Reason
Stony Brook University	3	Bridge is unsuitable for intended purpose
Rowan University	None	
Cooper Union	None	
New Jersey Institute of Technology	None	
New York University Tandon School of Engineering	None	
College of New Jersey	None	
Rutgers University	None	
Manhattan College	None	

### Construction Speed

Full Name	Time (minutes)	Rank
New Jersey Institute of Technology	8.17	1
New York University Tandon School of Engineering	14.68	2
Cooper Union	14.98	3
Manhattan College	20.33	4
Rowan University	25.95	5
College of New Jersey	29.90	6
Rutgers University	42.13	7
Stony Brook University	202.75	NR

### Lightness

Full Name	Weight (lbs)	Rank
Cooper Union	160.4	1
New Jersey Institute of Technology	239.1	2
College of New Jersey	244.6	3
New York University Tandon School of Engineering	275.6	4
Rowan University	400.0	5
Manhattan College	481.9	6
Rutgers University	905.0	7
Stony Brook University	100.0	NR

### Aesthetics

Full Name	Score	Rank
College of New Jersey	11.25	1
New Jersey Institute of Technology	11.00	2
Rutgers University	10.75	3
Rowan University	10.00	4
Cooper Union	9.75	5
New York University Tandon School of Engineering	9.25	6
Manhattan College	8.75	7
Stony Brook University	6.00	8

### Stiffness

Full Name	Agg D (in)	Rank
New Jersey Institute of Technology	1.16	1
Rutgers University	1.20	2
College of New Jersey	1.77	3
New York University Tandon School of Engineering	1.80	4
Rowan University	10.00	5
Cooper Union	10.00	6
Manhattan College	10.00	7
Stony Brook University	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
New Jersey Institute of Technology	\$ 1,704,166.51	1
Rutgers University	\$ 1,878,142.52	2
New York University Tandon School of Engineering	\$ 3,638,693.60	3
College of New Jersey	\$ 4,931,788.79	4
Cooper Union	\$ 59,534,533.98	5
Manhattan College	\$ 59,737,342.40	6
Rowan University	\$ 60,424,958.19	7
Stony Brook University	\$ 127,610,000.00	NR

## Economy

Full Name	Cc	Rank
New Jersey Institute of Technology	\$ 4,695,833.33	1
New York University Tandon School of Engineering	\$ 7,549,166.67	2
Cooper Union	\$ 12,534,166.67	3
Manhattan College	\$ 14,229,166.67	4
College of New Jersey	\$ 15,571,000.00	5
Rutgers University	\$ 23,682,000.00	6
Rowan University	\$ 24,189,000.00	7
Stony Brook University	\$ 150,587,500.00	NR

## Efficiency

Full Name	Cs	Rank
New Jersey Institute of Technology	\$ 5,810,161.16	1
Rutgers University	\$ 8,196,142.52	2
College of New Jersey	\$ 8,460,788.79	3
New York University Tandon School of Engineering	\$ 8,932,169.94	4
Cooper Union	\$ 60,619,367.31	5
Manhattan College	\$ 62,308,175.73	6
Rowan University	\$ 63,238,958.19	7
Stony Brook University	\$ 250,000.00	NR

## Overall

Full Name	Cc + Cs	Rank
New Jersey Institute of Technology	\$ 10,505,994.49	1
New York University Tandon School of Engineering	\$ 16,481,336.60	2
College of New Jersey	\$ 24,031,788.79	3
Rutgers University	\$ 31,878,142.52	4
Cooper Union	\$ 73,153,533.98	5
Manhattan College	\$ 76,537,342.40	6
Rowan University	\$ 87,427,958.19	7
Stony Brook University	\$ 150,837,500.00	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Mid-America</b>
<b>Location:</b>	<b>Rolla, Missouri</b>
<b>Date:</b>	<b>Saturday, April 20, 2024</b>
<b>Die Roll Result:</b>	<b>3</b>

### Not Ranked

Full Name	Ineligibility	Reason
Missouri State University	5	Judges deem the bridge unsafe to compete for any reason
Kansas State University	5	Judges deem the bridge unsafe to compete for any reason
Iowa State University	9.3	Excessive dimensional violation
Southern Illinois University, Edwardsville	11.2.3.7	Vertical load cannot be safely placed on bridge.
Saint Louis University	None	
William Jewell College	None	
University of Missouri, Columbia	None	
University of Nebraska, Lincoln	None	
South Dakota State University	None	
University of Kansas	None	
Southern Illinois University, Carbondale	None	
Missouri University of Science and Technology	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Missouri University of Science and Technology	8.23	1
William Jewell College	9.08	2
South Dakota State University	19.07	3
University of Missouri, Columbia	20.23	4
Southern Illinois University, Carbondale	25.38	5
University of Nebraska, Lincoln	39.02	6
Saint Louis University	39.43	7
University of Kansas	194.00	8
Missouri State University	193.00	NR
Iowa State University	36.75	NR
Kansas State University	24.47	NR
Southern Illinois University, Edwardsville	48.22	NR

### Lightness

Full Name	Weight (lbs)	Rank
Saint Louis University	221.3	1
Missouri University of Science and Technology	241.4	2
University of Nebraska, Lincoln	399.2	3
Southern Illinois University, Carbondale	442.6	4
University of Missouri, Columbia	460.0	5
William Jewell College	466.5	6
University of Kansas	598.9	7
South Dakota State University	1227.8	8
Missouri State University	1520.0	NR
Iowa State University	381.1	NR
Kansas State University	370.7	NR
Southern Illinois University, Edwardsville	278.1	NR

## Aesthetics

Full Name	Score	Rank
Southern Illinois University, Carbondale	11.67	1
Missouri University of Science and Technology	11.67	2
University of Missouri, Columbia	11.50	3
Saint Louis University	11.33	4
Southern Illinois University, Edwardsville	11.00	5
Kansas State University	10.67	6
Iowa State University	10.50	7
University of Nebraska, Lincoln	10.33	8
South Dakota State University	9.33	9
William Jewell College	8.33	10
University of Kansas	8.17	11
Missouri State University	6.50	12

## Stiffness

Full Name	Agg D (in)	Rank
University of Kansas	0.87	1
Missouri University of Science and Technology	1.00	2
University of Missouri, Columbia	1.47	3
South Dakota State University	3.27	4
University of Nebraska, Lincoln	3.51	5
William Jewell College	3.63	6
Southern Illinois University, Carbondale	10.00	7
Saint Louis University	10.00	8
Missouri State University	10.00	NR
Iowa State University	10.00	NR
Kansas State University	10.00	NR
Southern Illinois University, Edwardsville	10.00	NR

## Cost Estimate

Full Name	Estimate	Rank
Missouri University of Science and Technology	\$ 351,489.46	1
University of Missouri, Columbia	\$ 460,333.00	2
South Dakota State University	\$ 2,518,114.49	3
William Jewell College	\$ 12,675,868.23	4
University of Nebraska, Lincoln	\$ 14,596,463.93	5
Southern Illinois University, Carbondale	\$ 62,604,228.28	6
Saint Louis University	\$ 64,706,731.84	7
University of Kansas	\$ 143,311,351.23	8
Missouri State University	\$ 142,009,996.00	NR
Iowa State University	\$ 58,947,518.76	NR
Kansas State University	\$ 59,468,342.21	NR
Southern Illinois University, Edwardsville	\$ 69,169,599.26	NR

## Economy

Full Name	Cc	Rank
Missouri University of Science and Technology	\$ 4,571,666.67	1
William Jewell College	\$ 7,312,083.33	2
South Dakota State University	\$ 9,907,083.33	3
University of Missouri, Columbia	\$ 16,939,666.67	4
Southern Illinois University, Carbondale	\$ 17,774,500.00	5
University of Nebraska, Lincoln	\$ 22,805,916.67	6
Saint Louis University	\$ 23,863,666.67	7
University of Kansas	\$ 169,100,000.00	8
Missouri State University	\$ 152,150,000.00	NR
Iowa State University	\$ 15,467,500.00	NR
Kansas State University	\$ 17,802,000.00	NR
Southern Illinois University, Edwardsville	\$ 35,629,333.33	NR

## Efficiency

Full Name	Cs	Rank
Missouri University of Science and Technology	\$ 5,346,668.79	1
University of Kansas	\$ 10,217,351.23	2
University of Missouri, Columbia	\$ 10,464,583.34	3
University of Nebraska, Lincoln	\$ 17,542,047.27	4
South Dakota State University	\$ 17,975,170.16	5
William Jewell College	\$ 18,902,322.43	6
Saint Louis University	\$ 61,141,628.17	7
Southern Illinois University, Carbondale	\$ 63,952,348.28	8
Missouri State University	\$ 63,800,000.00	NR
Iowa State University	\$ 61,280,018.76	NR
Kansas State University	\$ 61,924,124.21	NR
Southern Illinois University, Edwardsville	\$ 61,762,145.93	NR

## Overall

Full Name	Cc + Cs	Rank
Missouri University of Science and Technology	\$ 9,918,335.46	1
William Jewell College	\$ 26,214,405.77	2
University of Missouri, Columbia	\$ 27,404,250.00	3
South Dakota State University	\$ 27,882,253.49	4
University of Nebraska, Lincoln	\$ 40,347,963.93	5
Southern Illinois University, Carbondale	\$ 81,726,848.28	6
Saint Louis University	\$ 85,005,294.84	7
University of Kansas	\$ 179,317,351.23	8
Missouri State University	\$ 215,950,000.00	NR
Iowa State University	\$ 76,747,518.76	NR
Kansas State University	\$ 79,726,124.21	NR
Southern Illinois University, Edwardsville	\$ 97,391,479.26	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	Mid-Atlantic East
<b>Location:</b>	College Park, Maryland
<b>Date:</b>	Sunday, April 7, 2024
<b>Die Roll Result:</b>	3

### Not Ranked

Full Name	Ineligibility	Reason
Morgan State University	11.3	Bridge cannot be loaded safely or sway/deflection cannot be measured
Lehigh University	10.8.2	Construction Time Limit Exceeded. 45 minutes
Temple University	10.8.2	Construction Time Limit Exceeded. 45 minutes
University of Maryland, College Park	None	
Drexel University	None	
Johns Hopkins University	None	
Lafayette College	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Drexel University	20.55	1
Lafayette College	22.28	2
University of Maryland, College Park	36.73	3
Johns Hopkins University	182.75	4
Lehigh University	9999.00	NR
Morgan State University	48.25	NR
Temple University	9999.00	NR

### Lightness

Full Name	Weight (lbs)	Rank
University of Maryland, College Park	222.1	1
Lafayette College	269.5	2
Johns Hopkins University	300.4	3
Drexel University	305.8	4
Lehigh University	300.0	NR
Morgan State University	780.0	NR
Temple University	600.0	NR

### Aesthetics

Full Name	Score	Rank
University of Maryland, College Park	14.00	1
Johns Hopkins University	12.67	2
Drexel University	11.33	3
Lafayette College	10.67	4
Lehigh University	6.67	5
Morgan State University	6.33	6
Temple University	6.33	7

## Stiffness

Full Name	Agg D (in)	Rank
Lafayette College	0.51	1
Drexel University	0.82	2
University of Maryland, College Park	1.91	3
Johns Hopkins University	10.00	4
Lehigh University	0.00	NR
Morgan State University	0.00	NR
Temple University	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
Drexel University	\$ 94,138.69	1
University of Maryland, College Park	\$ 4,924,916.54	2
Lafayette College	\$ 5,045,551.85	3
Johns Hopkins University	\$ 130,627,780.39	4
Lehigh University	\$ 6,879,360,000.00	NR
Morgan State University	\$ 32,798,576.00	NR
Temple University	\$ 9,200,130,000.00	NR

## Economy

Full Name	Cc	Rank
Drexel University	\$ 8,928,000.00	1
Lafayette College	\$ 11,745,500.00	2
University of Maryland, College Park	\$ 25,685,333.33	3
Johns Hopkins University	\$ 149,587,500.00	4
Lehigh University	\$ 6,899,310,000.00	NR
Morgan State University	\$ 31,325,000.00	NR
Temple University	\$ 9,199,080,000.00	NR

## Efficiency

Full Name	Cs	Rank
Lafayette College	\$ 3,700,051.85	1
Drexel University	\$ 4,666,138.69	2
University of Maryland, College Park	\$ 8,789,482.21	3
Johns Hopkins University	\$ 62,040,280.39	4
Lehigh University	\$ 750,000.00	NR
Morgan State University	\$ 1,950,000.00	NR
Temple University	\$ 1,500,000.00	NR

## Overall

Full Name	Cc + Cs	Rank
Drexel University	\$ 13,594,138.69	1
Lafayette College	\$ 15,445,551.85	2
University of Maryland, College Park	\$ 34,474,815.54	3
Johns Hopkins University	\$ 211,627,780.39	4
Lehigh University	\$ 6,900,060,000.00	NR
Morgan State University	\$ 33,275,000.00	NR
Temple University	\$ 9,200,580,000.00	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Mid-Atlantic West</b>
<b>Location:</b>	<b>Fairfax, Virginia</b>
<b>Date:</b>	<b>Friday, April 12, 2024</b>
<b>Die Roll Result:</b>	<b>1</b>

### Not Ranked

Full Name	Ineligibility	Reason
George Washington University	9.3	Excessive dimensional violation
Geneva College	10.8.2	Construction Time Limit Exceeded. 45 minutes
University of Pittsburgh	10.8.2	Construction Time Limit Exceeded. 45 minutes
University of Pittsburgh at Johnstown	10.8.2	Construction Time Limit Exceeded. 45 minutes
Pennsylvania State University, University Park	None	
The Catholic University of America	None	
Pennsylvania State University, Harrisburg	None	
George Mason University	None	

### Construction Speed

Full Name	Time (minutes)	Rank
George Mason University	21.67	1
Pennsylvania State University, Harrisburg	30.72	2
Pennsylvania State University, University Park	33.15	3
The Catholic University of America	189.00	4
Geneva College	9999.00	NR
University of Pittsburgh	9999.00	NR
George Washington University	289.75	NR
University of Pittsburgh at Johnstown	9999.00	NR

### Lightness

Full Name	Weight (lbs)	Rank
The Catholic University of America	229.6	1
George Mason University	299.9	2
Pennsylvania State University, University Park	335.2	3
Pennsylvania State University, Harrisburg	352.8	4
Geneva College	707.8	NR
University of Pittsburgh	432.2	NR
George Washington University	226.3	NR
University of Pittsburgh at Johnstown	387.7	NR

### Aesthetics

Full Name	Score	Rank
University of Pittsburgh at Johnstown	12.78	1
George Mason University	11.97	2
Pennsylvania State University, University Park	11.83	3
Pennsylvania State University, Harrisburg	10.88	4
The Catholic University of America	10.53	5
George Washington University	9.50	6
University of Pittsburgh	7.08	7
Geneva College	0.83	8



## Stiffness

Full Name	Agg D (in)	Rank
Pennsylvania State University, University Park	1.69	1
Pennsylvania State University, Harrisburg	1.83	2
George Mason University	1.99	3
The Catholic University of America	2.05	4
Geneva College	0.00	NR
University of Pittsburgh	10.00	NR
George Washington University	10.00	NR
University of Pittsburgh at Johnstown	1.99	NR

## Cost Estimate

Full Name	Estimate	Rank
Pennsylvania State University, University Park	\$ 2,725,898.64	1
George Mason University	\$ 4,811,061.10	2
Pennsylvania State University, Harrisburg	\$ 7,063,262.89	3
The Catholic University of America	\$ 157,108,086.78	4
Geneva College	\$ 9,205,869,131.76	NR
University of Pittsburgh	\$ 9,227,341,099.50	NR
George Washington University	\$ 67,910,336.00	NR
University of Pittsburgh at Johnstown	\$ 6,874,934,353.07	NR

## Economy

Full Name	Cc	Rank
George Mason University	\$ 15,499,166.67	1
Pennsylvania State University, University Park	\$ 17,355,000.00	2
Pennsylvania State University, Harrisburg	\$ 18,879,333.33	3
The Catholic University of America	\$ 167,850,000.00	4
Geneva College	\$ 9,199,080,000.00	NR
University of Pittsburgh	\$ 9,203,080,000.00	NR
George Washington University	\$ 197,037,500.00	NR
University of Pittsburgh at Johnstown	\$ 6,899,310,000.00	NR

## Efficiency

Full Name	Cs	Rank
Pennsylvania State University, University Park	\$ 8,833,699.64	1
The Catholic University of America	\$ 9,424,352.78	2
George Mason University	\$ 9,793,879.43	3
Pennsylvania State University, Harrisburg	\$ 9,848,610.56	4
Geneva College	\$ 6,789,131.76	NR
University of Pittsburgh	\$ 64,072,499.50	NR
George Washington University	\$ 61,049,099.00	NR
University of Pittsburgh at Johnstown	\$ 10,295,513.07	NR

## Overall

Full Name	Cc + Cs	Rank
George Mason University	\$ 25,293,046.10	1
Pennsylvania State University, University Park	\$ 26,188,699.64	2
Pennsylvania State University, Harrisburg	\$ 28,727,943.89	3
The Catholic University of America	\$ 177,274,352.78	4
Geneva College	\$ 9,205,869,131.76	NR
University of Pittsburgh	\$ 9,267,152,499.50	NR
George Washington University	\$ 258,086,599.00	NR
University of Pittsburgh at Johnstown	\$ 6,909,605,513.07	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	Mid-Pacific
<b>Location:</b>	Sacramento, California
<b>Date:</b>	Saturday, April 6, 2024
<b>Die Roll Result:</b>	6

### Not Ranked

Full Name	Ineligibility	Reason
San José State University	9.3	Excessive dimensional violation
California State University, Fresno	None	
California State University, Chico	None	
Tongji University	None	
University of California, Berkeley	None	
University of California, Davis	None	

### Construction Speed

Full Name	Time (minutes)	Rank
University of California, Berkeley	28.62	1
California State University, Chico	35.28	2
University of California, Davis	35.97	3
Tongji University	38.80	4
California State University, Fresno	187.25	5
San José State University	193.50	NR

### Lightness

Full Name	Weight (lbs)	Rank
Tongji University	214.0	1
University of California, Davis	269.3	2
University of California, Berkeley	313.7	3
California State University, Chico	560.1	4
California State University, Fresno	727.4	5
San José State University	1068.8	NR

### Aesthetics

Full Name	Score	Rank
California State University, Chico	11.83	1
Tongji University	11.75	2
University of California, Berkeley	11.17	3
University of California, Davis	11.08	4
California State University, Fresno	10.33	5
San José State University	8.42	6

### Stiffness

Full Name	Agg D (in)	Rank
California State University, Chico	0.35	1
University of California, Davis	0.49	2
University of California, Berkeley	1.01	3
Tongji University	1.94	4
California State University, Fresno	2.39	5
San José State University	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
California State University, Chico	\$ 2,716,764.20	1
University of California, Berkeley	\$ 4,008,095.81	2
University of California, Davis	\$ 4,506,691.35	3
California State University, Fresno	\$ 6,417,149.17	4
Tongji University	\$ 95,616,963.83	5
San José State University	\$ 228,966,815.76	NR

## Economy

Full Name	Cc	Rank
University of California, Davis	\$ 13,124,583.33	1
University of California, Berkeley	\$ 15,235,500.00	2
California State University, Chico	\$ 21,573,166.67	3
Tongji University	\$ 28,996,000.00	4
California State University, Fresno	\$ 167,412,500.00	5
San José State University	\$ 168,975,000.00	NR

## Efficiency

Full Name	Cs	Rank
University of California, Davis	\$ 3,281,315.01	1
University of California, Berkeley	\$ 6,044,688.19	2
California State University, Chico	\$ 7,669,578.14	3
Tongji University	\$ 8,698,962.17	4
California State University, Fresno	\$ 16,004,649.17	5
San José State University	\$ 10,335,184.24	NR

## Overall

Full Name	Cc + Cs	Rank
University of California, Davis	\$ 16,405,898.35	1
University of California, Berkeley	\$ 21,280,188.19	2
California State University, Chico	\$ 29,242,744.80	3
Tongji University	\$ 37,694,962.17	4
California State University, Fresno	\$ 183,417,149.17	5
San José State University	\$ 179,310,184.24	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Mid-South</b>
<b>Location:</b>	<b>Martin, Tennessee</b>
<b>Date:</b>	<b>Saturday, April 6, 2024</b>
<b>Die Roll Result:</b>	<b>2</b>

### Not Ranked

Full Name	Ineligibility	Reason
Tennessee Tech	10.6.1.3	Loose nuts and loose bolts not in separate rigid containers.
University of Arkansas, Fayetteville	None	
Arkansas State University	None	
Christian Brothers University	None	
Lipscomb University	None	
University of Tennessee, Knoxville	None	
University of Tennessee, Martin	None	
Vanderbilt University	None	
Harding University	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Harding University	18.13	1
Christian Brothers University	18.53	2
University of Arkansas, Fayetteville	20.08	3
Arkansas State University	23.87	4
University of Tennessee, Martin	32.15	5
University of Tennessee, Knoxville	40.63	6
Lipscomb University	42.92	7
Vanderbilt University	66.27	8
Tennessee Tech	27.33	NR

### Lightness

Full Name	Weight (lbs)	Rank
Harding University	260.7	1
University of Tennessee, Knoxville	328.2	2
University of Tennessee, Martin	371.8	3
Arkansas State University	407.1	4
Vanderbilt University	459.5	5
University of Arkansas, Fayetteville	514.4	6
Lipscomb University	580.9	7
Christian Brothers University	642.6	8
Tennessee Tech	177.4	NR

### Aesthetics

Full Name	Score	Rank
Tennessee Tech	14.50	1
University of Tennessee, Martin	11.83	2
University of Tennessee, Knoxville	11.67	3
Arkansas State University	10.67	4
Christian Brothers University	9.67	5
University of Arkansas, Fayetteville	9.00	6
Lipscomb University	8.50	7
Harding University	8.17	8
Vanderbilt University	5.67	9

## Stiffness

Full Name	Agg D (in)	Rank
Vanderbilt University	0.68	1
Harding University	1.02	2
Arkansas State University	1.08	3
Christian Brothers University	1.54	4
Lipscomb University	2.10	5
University of Tennessee, Knoxville	2.78	6
University of Tennessee, Martin	2.81	7
University of Arkansas, Fayetteville	20.00	8
Tennessee Tech	10.00	NR

## Cost Estimate

Full Name	Estimate	Rank
Arkansas State University	\$ 502,159.45	1
University of Tennessee, Martin	\$ 1,568,368.29	2
Christian Brothers University	\$ 1,698,153.32	3
Harding University	\$ 2,012,576.97	4
Lipscomb University	\$ 3,691,276.57	5
University of Tennessee, Knoxville	\$ 8,725,199.97	6
Vanderbilt University	\$ 16,937,811.89	7
University of Arkansas, Fayetteville	\$ 96,966,842.78	8
Tennessee Tech	\$ 60,230,018.30	NR

## Economy

Full Name	Cc	Rank
Christian Brothers University	\$ 7,685,333.33	1
Harding University	\$ 9,762,000.00	2
Arkansas State University	\$ 16,138,000.00	3
University of Arkansas, Fayetteville	\$ 16,698,333.33	4
University of Tennessee, Knoxville	\$ 19,707,916.67	5
University of Tennessee, Martin	\$ 23,045,500.00	6
Vanderbilt University	\$ 29,664,000.00	7
Lipscomb University	\$ 30,438,333.33	8
Tennessee Tech	\$ 18,680,000.00	NR

## Efficiency

Full Name	Cs	Rank
Vanderbilt University	\$ 4,444,049.89	1
Harding University	\$ 5,469,258.97	2
Arkansas State University	\$ 7,673,117.45	3
Christian Brothers University	\$ 9,078,763.98	4
University of Tennessee, Martin	\$ 13,177,073.29	5
University of Tennessee, Knoxville	\$ 13,533,922.30	6
Lipscomb University	\$ 14,356,217.10	7
University of Arkansas, Fayetteville	\$ 102,724,727.44	8
Tennessee Tech	\$ 60,750,018.30	NR

## Overall

Full Name	Cc + Cs	Rank
Harding University	\$ 15,231,258.97	1
Christian Brothers University	\$ 16,764,097.32	2
Arkansas State University	\$ 23,811,117.45	3
University of Tennessee, Knoxville	\$ 33,241,838.97	4
Vanderbilt University	\$ 34,108,049.89	5
University of Tennessee, Martin	\$ 36,222,573.29	6
Lipscomb University	\$ 44,794,550.43	7
University of Arkansas, Fayetteville	\$ 119,423,060.78	8
Tennessee Tech	\$ 79,430,018.30	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Northeast</b>
<b>Location:</b>	<b>Durham, New Hampshire</b>
<b>Date:</b>	<b>Saturday, April 20, 2024</b>
<b>Die Roll Result:</b>	<b>4</b>

### Not Ranked

Full Name	Ineligibility	Reason
University of New Hampshire	9.2.1	Bridge does not provide continuous stringers along both sides.
Tufts University	None	
Northeastern University	None	
University of Maine	None	
Université Laval	None	
University of Massachusetts, Amherst	None	
Worcester Polytechnic Institute	None	
Norwich University	None	
Western New England University	None	
University of Connecticut	None	
Merrimack College	None	
University of Massachusetts, Lowell	None	
Wentworth Institute of Technology	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Université Laval	17.62	1
University of Massachusetts, Amherst	22.42	2
University of Maine	22.58	3
Tufts University	26.87	4
Northeastern University	28.85	5
Merrimack College	28.87	6
University of Connecticut	30.97	7
Western New England University	35.73	8
Norwich University	38.92	9
University of Massachusetts, Lowell	183.25	10
Worcester Polytechnic Institute	200.75	11
Wentworth Institute of Technology	264.00	12
University of New Hampshire	77.15	NR

### Lightness

Full Name	Weight (lbs)	Rank
Merrimack College	134.9	1
University of Connecticut	228.4	2
University of Maine	245.1	3
Université Laval	249.2	4
University of Massachusetts, Amherst	267.7	5
Tufts University	321.1	6
Norwich University	365.6	7
Northeastern University	372.9	8
Western New England University	475.6	9
University of Massachusetts, Lowell	571.0	10
Wentworth Institute of Technology	852.7	11
Worcester Polytechnic Institute	1036.0	12
University of New Hampshire	304.1	NR

## Aesthetics

Full Name	Score	Rank
Western New England University	14.33	1
Northeastern University	13.67	2
University of New Hampshire	13.17	3
Université Laval	13.00	4
University of Maine	13.00	5
University of Massachusetts, Lowell	12.83	6
Tufts University	12.67	7
University of Massachusetts, Amherst	12.33	8
Worcester Polytechnic Institute	12.00	9
University of Connecticut	11.67	10
Merrimack College	10.67	11
Wentworth Institute of Technology	10.67	12
Norwich University	5.67	13

## Stiffness

Full Name	Agg D (in)	Rank
Université Laval	1.42	1
Northeastern University	1.53	2
University of Connecticut	1.87	3
University of Massachusetts, Amherst	2.21	4
University of Maine	2.22	5
Norwich University	2.45	6
Western New England University	2.78	7
Tufts University	3.20	8
University of Massachusetts, Lowell	10.00	9
Worcester Polytechnic Institute	10.00	10
Merrimack College	10.00	11
Wentworth Institute of Technology	10.00	12
University of New Hampshire	10.00	NR

## Cost Estimate

Full Name	Estimate	Rank
University of Connecticut	\$ 591,905.84	1
Université Laval	\$ 665,270.19	2
University of Massachusetts, Amherst	\$ 1,405,225.82	3
University of Maine	\$ 1,635,510.11	4
Northeastern University	\$ 1,810,452.61	5
Norwich University	\$ 5,659,406.19	6
Tufts University	\$ 7,895,097.39	7
Western New England University	\$ 14,005,166.80	8
Merrimack College	\$ 54,585,152.45	9
University of Massachusetts, Lowell	\$ 63,562,499.73	10
Worcester Polytechnic Institute	\$ 199,717,544.09	11
Wentworth Institute of Technology	\$ 200,145,952.22	12
University of New Hampshire	\$ 50,068,632.68	NR

## Economy

Full Name	Cc	Rank
Université Laval	\$ 7,316,166.67	1
University of Massachusetts, Amherst	\$ 12,239,583.33	2
Tufts University	\$ 12,442,083.33	3
University of Connecticut	\$ 13,499,583.33	4
Northeastern University	\$ 15,613,750.00	5
University of Maine	\$ 16,098,333.33	6
Merrimack College	\$ 19,704,583.33	7
Western New England University	\$ 19,816,000.00	8
Norwich University	\$ 22,892,500.00	9
University of Massachusetts, Lowell	\$ 149,712,500.00	10
Wentworth Institute of Technology	\$ 169,900,000.00	11
Worcester Polytechnic Institute	\$ 174,787,500.00	12
University of New Hampshire	\$ 33,605,500.00	NR

## Efficiency

Full Name	Cs	Rank
Université Laval	\$ 7,110,544.14	1
University of Connecticut	\$ 8,548,510.82	2
Northeastern University	\$ 9,196,702.61	3
University of Maine	\$ 10,266,156.55	4
University of Massachusetts, Amherst	\$ 10,479,048.85	5
Norwich University	\$ 11,491,534.19	6
Western New England University	\$ 14,489,166.80	7
Tufts University	\$ 14,899,323.06	8
Merrimack College	\$ 60,445,741.12	9
Wentworth Institute of Technology	\$ 62,805,952.22	10
University of Massachusetts, Lowell	\$ 63,546,985.73	11
Worcester Polytechnic Institute	\$ 69,484,544.09	12
University of New Hampshire	\$ 61,228,952.68	NR

## Overall

Full Name	Cc + Cs	Rank
Université Laval	\$ 14,426,710.81	1
University of Connecticut	\$ 22,048,094.16	2
University of Massachusetts, Amherst	\$ 22,718,632.18	3
Northeastern University	\$ 24,810,452.61	4
University of Maine	\$ 26,364,489.89	5
Tufts University	\$ 27,341,406.39	6
Western New England University	\$ 34,305,166.80	7
Norwich University	\$ 34,384,034.19	8
Merrimack College	\$ 80,150,324.45	9
University of Massachusetts, Lowell	\$ 213,259,485.73	10
Wentworth Institute of Technology	\$ 232,705,952.22	11
Worcester Polytechnic Institute	\$ 244,272,044.09	12
University of New Hampshire	\$ 94,834,452.68	NR





## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Pacific Northwest</b>
<b>Location:</b>	<b>Vancouver, International</b>
<b>Date:</b>	<b>Saturday, April 6, 2024</b>
<b>Die Roll Result:</b>	<b>3</b>

### Not Ranked

Full Name	Ineligibility	Reason
Montana Technological University	10.8.2	Construction Time Limit Exceeded. 45 minutes
Montana State University	None	
Portland State University	None	
University of Alaska, Fairbanks	None	
Oregon Institute of Technology	None	
University of Washington	None	
University of Alaska, Anchorage	None	
Oregon State University	None	
University of Portland	None	
Seattle University	None	
University of Idaho	None	
University of British Columbia	None	

### Construction Speed

Full Name	Time (minutes)	Rank
University of Alaska, Fairbanks	12.63	1
University of Alaska, Anchorage	15.00	2
University of British Columbia	16.20	3
University of Washington	19.60	4
Portland State University	24.40	5
University of Idaho	34.58	6
Montana State University	39.18	7
University of Portland	41.17	8
Oregon Institute of Technology	43.48	9
Oregon State University	45.35	10
Seattle University	209.25	11
Montana Technological University	9999.00	NR

### Lightness

Full Name	Weight (lbs)	Rank
University of Idaho	200.4	1
University of British Columbia	245.6	2
Portland State University	276.9	3
University of Washington	277.2	4
University of Alaska, Fairbanks	284.4	5
Oregon Institute of Technology	322.7	6
Oregon State University	358.4	7
University of Alaska, Anchorage	427.4	8
Seattle University	476.4	9
Montana State University	615.4	10
University of Portland	887.9	11
Montana Technological University	485.0	NR

## Aesthetics

Full Name	Score	Rank
University of Idaho	13.20	1
Montana State University	12.40	2
University of Alaska, Anchorage	12.40	3
Portland State University	12.20	4
University of British Columbia	12.20	5
Seattle University	12.00	6
University of Alaska, Fairbanks	11.80	7
University of Washington	11.60	8
Oregon Institute of Technology	11.20	9
University of Portland	10.60	10
Oregon State University	9.80	11
Montana Technological University	7.40	12

## Stiffness

Full Name	Agg D (in)	Rank
University of Alaska, Fairbanks	0.51	1
University of Portland	0.54	2
University of Alaska, Anchorage	0.75	3
University of Idaho	1.14	4
Portland State University	1.16	5
University of British Columbia	1.43	6
University of Washington	1.46	7
Montana State University	4.65	8
Seattle University	10.00	9
Oregon Institute of Technology	10.00	10
Oregon State University	10.00	11
Montana Technological University	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
University of Alaska, Fairbanks	\$ 8,094.82	1
Portland State University	\$ 720,445.28	2
University of British Columbia	\$ 813,226.81	3
University of Idaho	\$ 2,091,898.59	4
University of Washington	\$ 2,563,849.37	5
University of Alaska, Anchorage	\$ 2,934,984.13	6
University of Portland	\$ 8,921,789.08	7
Montana State University	\$ 34,379,288.94	8
Oregon Institute of Technology	\$ 59,796,969.47	9
Oregon State University	\$ 61,894,053.91	10
Seattle University	\$ 117,326,294.87	11
Montana Technological University	\$ 6,887,827,799.64	NR

## Economy

Full Name	Cc	Rank
University of British Columbia	\$ 7,084,500.00	1
University of Alaska, Fairbanks	\$ 7,101,666.67	2
University of Alaska, Anchorage	\$ 9,910,000.00	3
University of Washington	\$ 11,874,000.00	4
Portland State University	\$ 12,546,000.00	5
University of Idaho	\$ 22,705,833.33	6
Oregon Institute of Technology	\$ 27,623,500.00	7
Oregon State University	\$ 28,251,500.00	8
University of Portland	\$ 29,330,833.33	9
Montana State University	\$ 33,683,666.67	10
Seattle University	\$ 176,912,500.00	11
Montana Technological University	\$ 6,899,310,000.00	NR

## Efficiency

Full Name	Cs	Rank
University of Alaska, Fairbanks	\$ 3,690,872.51	1
University of Idaho	\$ 5,384,300.26	2
University of Alaska, Anchorage	\$ 5,431,558.87	3
Portland State University	\$ 5,754,380.28	4
University of British Columbia	\$ 7,111,534.19	5
University of Washington	\$ 7,409,059.63	6
University of Portland	\$ 7,945,335.75	7
Montana State University	\$ 32,876,994.27	8
Oregon Institute of Technology	\$ 61,405,389.47	9
Oregon State University	\$ 61,782,553.91	10
Seattle University	\$ 62,060,094.87	11
Montana Technological University	\$ 5,069,548.64	NR

## Overall

Full Name	Cc + Cs	Rank
University of Alaska, Fairbanks	\$ 10,792,539.18	1
University of British Columbia	\$ 14,196,034.19	2
University of Alaska, Anchorage	\$ 15,341,558.87	3
Portland State University	\$ 18,300,380.28	4
University of Washington	\$ 19,283,059.63	5
University of Idaho	\$ 28,090,133.59	6
University of Portland	\$ 37,276,169.08	7
Montana State University	\$ 66,560,660.94	8
Oregon Institute of Technology	\$ 89,028,889.47	9
Oregon State University	\$ 90,034,053.91	10
Seattle University	\$ 238,972,594.87	11
Montana Technological University	\$ 6,904,379,548.64	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Pacific Southwest</b>
<b>Location:</b>	<b>Honolulu, Hawaii</b>
<b>Date:</b>	<b>Saturday, April 6, 2024</b>
<b>Die Roll Result:</b>	<b>3</b>

### Not Ranked

Full Name	Ineligibility	Reason
California State University, Fullerton	10.8.2	Construction Time Limit Exceeded. 45 minutes
California Baptist University	None	
University of California, Los Angeles	None	
University of Southern California	None	
University of California, San Diego	None	
California State University, Long Beach	None	
California State University, Northridge	None	
San Diego State University	None	
University of Hawaii at Manoa	None	
California State Polytechnic University, San Luis Obispo	None	
California State Polytechnic University, Pomona	None	
University of California, Irvine	None	
California State University, Los Angeles	None	

### Construction Speed

Full Name	Time (minutes)	Rank
California State Polytechnic University, Pomona	11.55	1
California State Polytechnic University, San Luis Obispo	11.83	2
University of California, San Diego	15.12	3
California State University, Northridge	17.02	4
University of Southern California	19.67	5
University of California, Irvine	21.72	6
University of California, Los Angeles	30.53	7
California State University, Los Angeles	31.53	8
University of Hawaii at Manoa	35.87	9
California State University, Long Beach	186.50	10
California Baptist University	211.25	11
San Diego State University	259.00	12
California State University, Fullerton	9999.00	NR

### Lightness

Full Name	Weight (lbs)	Rank
California State University, Long Beach	187.1	1
University of Southern California	218.0	2
California State Polytechnic University, Pomona	239.1	3
University of Hawaii at Manoa	251.8	4
California State University, Northridge	268.8	5
University of California, San Diego	277.4	6
California State Polytechnic University, San Luis Obispo	300.3	7
University of California, Los Angeles	302.6	8
University of California, Irvine	321.4	9
California State University, Los Angeles	577.0	10
California Baptist University	918.1	11
San Diego State University	1231.4	12
California State University, Fullerton	0.0	NR

## Aesthetics

Full Name	Score	Rank
University of Hawaii at Manoa	14.20	1
University of Southern California	13.40	2
University of California, Los Angeles	13.40	3
California State University, Long Beach	12.60	4
University of California, San Diego	12.20	5
California State Polytechnic University, San Luis Obispo	11.80	6
University of California, Irvine	11.20	7
California State University, Los Angeles	11.00	8
California State Polytechnic University, Pomona	9.80	9
California State University, Northridge	9.40	10
California State University, Fullerton	8.80	11
California Baptist University	5.40	12
San Diego State University	4.80	13

## Stiffness

Full Name	Agg D (in)	Rank
University of California, San Diego	0.69	1
University of Hawaii at Manoa	0.72	2
California State University, Northridge	0.76	3
California State Polytechnic University, Pomona	1.10	4
California State University, Los Angeles	1.33	5
University of California, Los Angeles	1.56	6
California State Polytechnic University, San Luis Obispo	1.62	7
University of Southern California	2.05	8
California State University, Long Beach	10.00	9
University of California, Irvine	10.00	10
California Baptist University	10.00	11
San Diego State University	10.00	12
California State University, Fullerton	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
University of California, San Diego	\$ 624,108.25	1
California State Polytechnic University, Pomona	\$ 1,639,338.84	2
University of Southern California	\$ 2,808,277.06	3
University of Hawaii at Manoa	\$ 3,113,996.57	4
California State Polytechnic University, San Luis Obispo	\$ 3,493,460.79	5
California State University, Northridge	\$ 5,227,684.48	6
California State University, Los Angeles	\$ 8,115,830.70	7
University of California, Los Angeles	\$ 24,721,203.32	8
University of California, Irvine	\$ 61,897,599.95	9
California State University, Long Beach	\$ 166,663,291.13	10
California Baptist University	\$ 210,487,235.80	11
San Diego State University	\$ 222,592,737.36	12
California State University, Fullerton	\$ 8,021,308,880.00	NR

## Economy

Full Name	Cc	Rank
University of California, San Diego	\$ 5,144,000.00	1
California State Polytechnic University, Pomona	\$ 5,260,500.00	2
California State Polytechnic University, San Luis Obispo	\$ 6,397,916.67	3
California State University, Northridge	\$ 9,211,500.00	4
University of California, Irvine	\$ 13,359,666.67	5
University of Southern California	\$ 13,889,166.67	6
California State University, Los Angeles	\$ 20,666,833.33	7
University of Hawaii at Manoa	\$ 21,102,666.67	8
University of California, Los Angeles	\$ 23,053,083.33	9
California State University, Long Beach	\$ 129,825,000.00	10
California Baptist University	\$ 156,712,500.00	11
San Diego State University	\$ 189,350,000.00	12
California State University, Fullerton	\$ 8,049,195,000.00	NR

## Efficiency

Full Name	Cs	Rank
University of Hawaii at Manoa	\$ 4,176,738.90	1
University of California, San Diego	\$ 4,331,304.75	2
California State University, Northridge	\$ 4,516,184.48	3
California State Polytechnic University, Pomona	\$ 5,570,161.16	4
University of California, Los Angeles	\$ 8,308,763.98	5
California State University, Los Angeles	\$ 8,458,380.97	6
California State Polytechnic University, San Luis Obispo	\$ 8,518,990.13	7
University of Southern California	\$ 9,174,110.39	8
California State University, Long Beach	\$ 60,829,851.13	9
University of California, Irvine	\$ 62,103,204.29	10
California Baptist University	\$ 63,774,735.80	11
San Diego State University	\$ 65,758,191.36	12
California State University, Fullerton	\$ 0.00	NR

## Overall

Full Name	Cc + Cs	Rank
University of California, San Diego	\$ 9,475,304.75	1
California State Polytechnic University, Pomona	\$ 10,830,661.16	2
California State University, Northridge	\$ 13,727,684.48	3
California State Polytechnic University, San Luis Obispo	\$ 14,916,906.79	4
University of Southern California	\$ 23,063,277.06	5
University of Hawaii at Manoa	\$ 25,279,405.57	6
California State University, Los Angeles	\$ 29,125,214.30	7
University of California, Los Angeles	\$ 31,361,847.32	8
University of California, Irvine	\$ 75,462,870.95	9
California State University, Long Beach	\$ 190,654,851.13	10
California Baptist University	\$ 220,487,235.80	11
San Diego State University	\$ 255,108,191.36	12
California State University, Fullerton	\$ 8,049,195,000.00	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	Rocky Mountain
<b>Location:</b>	Laramie, Wyoming
<b>Date:</b>	Friday, April 19, 2024
<b>Die Roll Result:</b>	2

### Not Ranked

Full Name	Ineligibility	Reason
Colorado State University	4	Did not complete competition.
Colorado Mesa University	9.3	Excessive dimensional violation
University of Wyoming	9.3	Excessive dimensional violation
United States Air Force Academy	10.8.2	Construction Time Limit Exceeded. 45 minutes
Colorado School of Mines	None	
South Dakota School of Mines and Technology	None	

### Construction Speed

Full Name	Time (minutes)	Rank
South Dakota School of Mines and Technology	17.15	1
Colorado School of Mines	27.18	2
Colorado Mesa University	9999.00	NR
Colorado State University	0.00	NR
United States Air Force Academy	9999.00	NR
University of Wyoming	196.75	NR

### Lightness

Full Name	Weight (lbs)	Rank
South Dakota School of Mines and Technology	335.6	1
Colorado School of Mines	481.2	2
Colorado Mesa University	212.5	NR
Colorado State University	0.0	NR
United States Air Force Academy	545.6	NR
University of Wyoming	1050.6	NR

### Aesthetics

Full Name	Score	Rank
Colorado State University	0.00	-1
South Dakota School of Mines and Technology	14.17	1
Colorado School of Mines	13.33	2
University of Wyoming	12.67	3
Colorado Mesa University	9.67	4
United States Air Force Academy	9.67	5

### Stiffness

Full Name	Agg D (in)	Rank
South Dakota School of Mines and Technology	0.96	1
Colorado School of Mines	3.57	2
Colorado Mesa University	0.00	NR
Colorado State University	0.00	NR
United States Air Force Academy	0.00	NR
University of Wyoming	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
South Dakota School of Mines and Technology	\$ 3,648,938.54	1
Colorado School of Mines	\$ 6,596,000.26	2
Colorado Mesa University	\$ 7,999,712,948.12	NR
Colorado State University	\$ -	NR
United States Air Force Academy	\$ 9,162,069,170.85	NR
University of Wyoming	\$ 124,796,696.60	NR

## Economy

Full Name	Cc	Rank
South Dakota School of Mines and Technology	\$ 7,667,500.00	1
Colorado School of Mines	\$ 21,658,666.67	2
Colorado Mesa University	\$ 8,049,195,000.00	NR
Colorado State University	\$ (0.00)	NR
United States Air Force Academy	\$ 9,199,080,000.00	NR
University of Wyoming	\$ 169,787,500.00	NR

## Efficiency

Full Name	Cs	Rank
South Dakota School of Mines and Technology	\$ 6,358,382.54	1
Colorado School of Mines	\$ 18,937,333.60	2
Colorado Mesa University	\$ 925,948.12	NR
Colorado State University	\$ (0.00)	NR
United States Air Force Academy	\$ 1,439,170.85	NR
University of Wyoming	\$ 4,247,571.60	NR

## Overall

Full Name	Cc + Cs	Rank
South Dakota School of Mines and Technology	\$ 14,025,882.54	1
Colorado School of Mines	\$ 40,596,000.26	2
Colorado Mesa University	\$ 8,050,120,948.12	NR
Colorado State University	\$ (0.00)	NR
United States Air Force Academy	\$ 9,200,519,170.85	NR
University of Wyoming	\$ 174,035,071.60	NR





## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	<b>Southeast</b>
<b>Location:</b>	<b>Orlando, Florida</b>
<b>Date:</b>	<b>Friday, March 22, 2024</b>
<b>Die Roll Result:</b>	<b>3</b>

### Not Ranked

Full Name	Ineligibility	Reason
University of Georgia	3	Bridge is unsuitable for intended purpose
Florida Institute of Technology	4	Did not complete competition.
Polytechnic University of Puerto Rico	4	Did not complete competition.
University of South Florida	4	Did not complete competition.
Florida International University	5	Judges deem the bridge unsafe to compete for any reason
FAMU-FSU College of Engineering	None	
Georgia Institute of Technology	None	
Georgia Southern University	None	
Kennesaw State University	None	
University of Central Florida	None	
University of Florida	None	
University of North Florida	None	
University of Puerto Rico, Mayagüez	None	

### Construction Speed

Full Name	Time (minutes)	Rank
University of Puerto Rico, Mayagüez	15.10	1
Kennesaw State University	15.82	2
University of Florida	15.90	3
University of Central Florida	18.20	4
Georgia Institute of Technology	19.93	5
University of North Florida	28.28	6
FAMU-FSU College of Engineering	35.83	7
Georgia Southern University	186.00	8
Florida Institute of Technology	0.00	NR
Florida International University	197.75	NR
Polytechnic University of Puerto Rico	0.00	NR
University of Georgia	9999.00	NR
University of South Florida	4.50	NR

### Lightness

Full Name	Weight (lbs)	Rank
University of Puerto Rico, Mayagüez	200.9	1
University of Florida	208.8	2
Georgia Institute of Technology	217.9	3
Georgia Southern University	239.6	4
Kennesaw State University	259.0	5
FAMU-FSU College of Engineering	343.5	6
University of Central Florida	530.4	7
University of North Florida	691.8	8
Florida Institute of Technology	0.0	NR
Florida International University	239.9	NR
Polytechnic University of Puerto Rico	0.0	NR
University of Georgia	4477.0	NR
University of South Florida	890.6	NR

## Aesthetics

Full Name	Score	Rank
Polytechnic University of Puerto Rico	0.00	-1
Georgia Southern University	14.25	1
University of North Florida	13.25	2
University of Central Florida	13.00	3
University of Florida	12.75	4
University of Puerto Rico, Mayagüez	12.00	5
Kennesaw State University	11.75	6
Georgia Institute of Technology	11.25	7
FAMU-FSU College of Engineering	10.25	8
Florida International University	9.75	9
University of Georgia	9.50	10
University of South Florida	8.75	11
Florida Institute of Technology	2.50	12

## Stiffness

Full Name	Agg D (in)	Rank
University of Florida	0.59	1
Georgia Institute of Technology	0.63	2
Kennesaw State University	0.87	3
Georgia Southern University	1.20	4
University of North Florida	1.23	5
University of Central Florida	1.35	6
University of Puerto Rico, Mayagüez	1.35	7
FAMU-FSU College of Engineering	10.00	8
Florida Institute of Technology	0.00	NR
Florida International University	0.00	NR
Polytechnic University of Puerto Rico	0.00	NR
University of Georgia	0.00	NR
University of South Florida	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
University of Florida	\$ 214,058.37	1
University of Central Florida	\$ 562,588.85	2
Kennesaw State University	\$ 723,076.43	3
Georgia Institute of Technology	\$ 2,152,533.26	4
University of Puerto Rico, Mayagüez	\$ 6,985,070.21	5
FAMU-FSU College of Engineering	\$ 72,442,298.64	6
Georgia Southern University	\$ 100,686,076.09	7
University of North Florida	\$ 127,180,268.01	8
Florida Institute of Technology	\$ -	NR
Florida International University	\$ 139,204,032.31	NR
Polytechnic University of Puerto Rico	\$ -	NR
University of Georgia	\$ 9,155,278,963.45	NR
University of South Florida	\$ 4,540,674.20	NR

## Economy

Full Name	Cc	Rank
University of Florida	\$ 3,657,000.00	1
University of Puerto Rico, Mayagüez	\$ 6,001,000.00	2
University of Central Florida	\$ 8,057,000.00	3
Kennesaw State University	\$ 8,932,083.33	4
Georgia Institute of Technology	\$ 11,224,000.00	5
University of North Florida	\$ 25,518,166.67	6
FAMU-FSU College of Engineering	\$ 31,104,166.67	7
Georgia Southern University	\$ 125,700,000.00	8
Florida Institute of Technology	\$ 0.00	NR
Florida International University	\$ 170,037,500.00	NR
Polytechnic University of Puerto Rico	\$ (0.00)	NR
University of Georgia	\$ 9,199,080,000.00	NR
University of South Florida	\$ 1,125,000.00	NR

## Efficiency

Full Name	Cs	Rank
University of Florida	\$ 3,382,228.37	1
Georgia Institute of Technology	\$ 3,628,533.26	2
Kennesaw State University	\$ 5,019,322.24	3
Georgia Southern University	\$ 6,127,654.09	4
University of Puerto Rico, Mayagüez	\$ 6,349,996.21	5
University of Central Florida	\$ 7,720,600.85	6
University of North Florida	\$ 13,001,665.32	7
FAMU-FSU College of Engineering	\$ 61,323,491.98	8
Florida Institute of Technology	\$ 0.00	NR
Florida International University	\$ 1,330,814.31	NR
Polytechnic University of Puerto Rico	\$ (0.00)	NR
University of Georgia	\$ 12,659,813.45	NR
University of South Florida	\$ 3,415,674.20	NR

## Overall

Full Name	Cc + Cs	Rank
University of Florida	\$ 7,039,228.37	1
University of Puerto Rico, Mayagüez	\$ 12,350,996.21	2
Kennesaw State University	\$ 13,951,405.57	3
Georgia Institute of Technology	\$ 14,852,533.26	4
University of Central Florida	\$ 15,777,600.85	5
University of North Florida	\$ 38,519,831.99	6
FAMU-FSU College of Engineering	\$ 92,427,658.64	7
Georgia Southern University	\$ 131,827,654.09	8
Florida Institute of Technology	\$ 0.00	NR
Florida International University	\$ 171,368,314.31	NR
Polytechnic University of Puerto Rico	\$ (0.00)	NR
University of Georgia	\$ 9,211,739,813.45	NR
University of South Florida	\$ 4,540,674.20	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	Upstate New York-Canada
<b>Location:</b>	Troy, New York
<b>Date:</b>	Friday, April 12, 2024
<b>Die Roll Result:</b>	2

### Not Ranked

Full Name	Ineligibility	Reason
Clarkson University	4	Did not complete competition.
SUNY Polytechnic Institute	10.8.2	Construction Time Limit Exceeded. 45 minutes
United States Military Academy	None	
University of Waterloo	None	
SUNY College of Technology at Canton	None	
Syracuse University	None	
Rensselaer Polytechnic Institute	None	
University at Buffalo	None	
Rochester Institute of Technology	None	
Cornell University	None	

### Construction Speed

Full Name	Time (minutes)	Rank
University at Buffalo	7.20	1
SUNY College of Technology at Canton	13.73	2
Rensselaer Polytechnic Institute	16.68	3
United States Military Academy	21.92	4
Rochester Institute of Technology	23.82	5
University of Waterloo	42.45	6
Cornell University	42.92	7
Syracuse University	54.43	8
SUNY Polytechnic Institute	9999.00	NR
Clarkson University	0.00	NR

### Lightness

Full Name	Weight (lbs)	Rank
University at Buffalo	209.8	1
United States Military Academy	232.5	2
Rensselaer Polytechnic Institute	278.1	3
Syracuse University	300.0	4
University of Waterloo	375.7	5
Rochester Institute of Technology	392.7	6
SUNY College of Technology at Canton	394.7	7
Cornell University	510.2	8
SUNY Polytechnic Institute	40.0	NR
Clarkson University	0.0	NR

## Aesthetics

Full Name	Score	Rank
Clarkson University	0.00	-1
Rochester Institute of Technology	11.00	1
University of Waterloo	10.00	2
SUNY Polytechnic Institute	9.00	3
Rensselaer Polytechnic Institute	8.00	4
SUNY College of Technology at Canton	7.00	5
United States Military Academy	6.00	6
Cornell University	5.00	7
University at Buffalo	4.00	8
Syracuse University	3.00	9

## Stiffness

Full Name	Agg D (in)	Rank
Rochester Institute of Technology	1.03	1
University at Buffalo	1.10	2
University of Waterloo	1.43	3
SUNY College of Technology at Canton	1.71	4
Rensselaer Polytechnic Institute	2.87	5
United States Military Academy	10.00	6
Cornell University	10.00	7
Syracuse University	10.00	8
SUNY Polytechnic Institute	0.00	NR
Clarkson University	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
University at Buffalo	\$ 904,510.30	1
University of Waterloo	\$ 3,149,029.30	2
Rochester Institute of Technology	\$ 4,691,865.34	3
SUNY College of Technology at Canton	\$ 4,916,763.90	4
Rensselaer Polytechnic Institute	\$ 5,356,309.26	5
United States Military Academy	\$ 64,305,188.38	6
Cornell University	\$ 82,906,522.61	7
Syracuse University	\$ 94,137,786.67	8
SUNY Polytechnic Institute	\$ 7,858,255,000.00	NR
Clarkson University	\$ -	NR

## Economy

Full Name	Cc	Rank
University at Buffalo	\$ 4,058,750.00	1
SUNY College of Technology at Canton	\$ 6,515,416.67	2
Rensselaer Polytechnic Institute	\$ 11,626,333.33	3
United States Military Academy	\$ 15,627,083.33	4
Rochester Institute of Technology	\$ 16,674,916.67	5
University of Waterloo	\$ 18,802,500.00	6
Cornell University	\$ 34,605,833.33	7
Syracuse University	\$ 36,993,666.67	8
SUNY Polytechnic Institute	\$ 8,049,195,000.00	NR
Clarkson University	\$ (0.00)	NR

## Efficiency

Full Name	Cs	Rank
University at Buffalo	\$ 5,431,550.30	1
Rochester Institute of Technology	\$ 6,747,195.67	2
University of Waterloo	\$ 7,703,364.30	3
SUNY College of Technology at Canton	\$ 8,861,438.23	4
Rensselaer Polytechnic Institute	\$ 13,242,145.93	5
Syracuse University	\$ 60,750,000.00	6
United States Military Academy	\$ 61,253,902.04	7
Cornell University	\$ 62,460,667.28	8
SUNY Polytechnic Institute	\$ 100,000.00	NR
Clarkson University	\$ (0.00)	NR

## Overall

Full Name	Cc + Cs	Rank
University at Buffalo	\$ 9,490,300.30	1
SUNY College of Technology at Canton	\$ 15,376,854.90	2
Rochester Institute of Technology	\$ 23,422,112.34	3
Rensselaer Polytechnic Institute	\$ 24,868,479.26	4
University of Waterloo	\$ 26,505,864.30	5
United States Military Academy	\$ 76,880,985.38	6
Cornell University	\$ 97,066,500.61	7
Syracuse University	\$ 97,743,666.67	8
SUNY Polytechnic Institute	\$ 8,049,295,000.00	NR
Clarkson University	\$ (0.00)	NR



## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	Virginias
<b>Location:</b>	Blacksburg, Virginia
<b>Date:</b>	Saturday, March 30, 2024
<b>Die Roll Result:</b>	1

### Not Ranked

Full Name	Ineligibility	Reason
West Virginia University Institute of Technology	9.3	Excessive dimensional violation
Old Dominion University	10.8.2	Construction Time Limit Exceeded. 45 minutes
James Madison University	None	
Virginia Military Institute	None	
Virginia Tech	None	
Liberty University	None	
West Virginia University	None	

### Construction Speed

Full Name	Time (minutes)	Rank
Liberty University	25.53	1
Virginia Tech	30.62	2
Virginia Military Institute	30.90	3
James Madison University	50.15	4
West Virginia University	190.50	5
Old Dominion University	9999.00	NR
West Virginia University Institute of Technology	9999.00	NR

### Lightness

Full Name	Weight (lbs)	Rank
West Virginia University	191.0	1
Virginia Tech	197.4	2
Liberty University	228.6	3
James Madison University	394.8	4
Virginia Military Institute	419.9	5
Old Dominion University	402.9	NR
West Virginia University Institute of Technology	1520.3	NR

### Aesthetics

Full Name	Score	Rank
Virginia Tech	14.20	1
Old Dominion University	13.88	2
Liberty University	12.72	3
West Virginia University	11.36	4
Virginia Military Institute	11.17	5
James Madison University	10.78	6
West Virginia University Institute of Technology	5.42	7

### Stiffness

Full Name	Agg D (in)	Rank
Virginia Tech	0.67	1
Liberty University	1.37	2
West Virginia University	10.00	3
Virginia Military Institute	10.00	4
James Madison University	10.00	5
Old Dominion University	4.97	NR
West Virginia University Institute of Technology	3.51	NR

## Cost Estimate

Full Name	Estimate	Rank
Virginia Tech	\$ 1,630,297.01	1
Liberty University	\$ 2,989,343.80	2
James Madison University	\$ 56,970,432.15	3
Virginia Military Institute	\$ 86,385,945.01	4
West Virginia University	\$ 199,595,102.03	5
Old Dominion University	\$ 9,065,785,018.23	NR
West Virginia University Institute of Technology	\$ 8,994,086,021.88	NR

## Economy

Full Name	Cc	Rank
Liberty University	\$ 8,547,750.00	1
Virginia Tech	\$ 9,731,500.00	2
Virginia Military Institute	\$ 31,758,000.00	3
James Madison University	\$ 36,403,000.00	4
West Virginia University	\$ 172,225,000.00	5
Old Dominion University	\$ 9,203,080,000.00	NR
West Virginia University Institute of Technology	\$ 9,199,080,000.00	NR

## Efficiency

Full Name	Cs	Rank
Virginia Tech	\$ 3,598,797.01	1
Liberty University	\$ 6,694,240.80	2
West Virginia University	\$ 60,863,025.03	3
James Madison University	\$ 61,395,940.15	4
Virginia Military Institute	\$ 61,627,945.01	5
Old Dominion University	\$ 33,443,976.23	NR
West Virginia University Institute of Technology	\$ 24,381,021.88	NR

## Overall

Full Name	Cc + Cs	Rank
Virginia Tech	\$ 13,330,297.01	1
Liberty University	\$ 15,241,990.80	2
Virginia Military Institute	\$ 93,385,945.01	3
James Madison University	\$ 97,798,940.15	4
West Virginia University	\$ 233,088,025.03	5
Old Dominion University	\$ 9,236,523,976.23	NR
West Virginia University Institute of Technology	\$ 9,223,461,021.88	NR





## Student Steel Bridge Competition - Category Ranking

<b>Competition:</b>	Western Great Lakes
<b>Location:</b>	Chicago, Illinois
<b>Date:</b>	Saturday, April 6, 2024
<b>Die Roll Result:</b>	3

### Not Ranked

Full Name	Ineligibility	Reason
University of Illinois at Chicago	9.3	Excessive dimensional violation
Marquette University	9.3	Excessive dimensional violation
University of Wisconsin, Madison	None	
Lakehead University	None	
University of Illinois at Urbana-Champaign	None	
University of Minnesota, Twin Cities	None	
University of Wisconsin, Platteville	None	
Bradley University	None	
North Dakota State University	None	
Milwaukee School of Engineering	None	
Olivet Nazarene University	None	
University of North Dakota	None	
Illinois Institute of Technology	None	
University of St. Thomas	None	
University of Minnesota, Duluth	None	

### Construction Speed

Full Name	Time (minutes)	Rank
University of Minnesota, Duluth	10.63	1
North Dakota State University	12.62	2
University of Illinois at Urbana-Champaign	13.03	3
University of North Dakota	14.43	4
Bradley University	16.07	5
Lakehead University	21.70	6
University of Wisconsin, Platteville	22.33	7
University of Wisconsin, Madison	25.20	8
University of St. Thomas	29.75	9
University of Minnesota, Twin Cities	31.82	10
Milwaukee School of Engineering	32.25	11
Olivet Nazarene University	84.18	12
Illinois Institute of Technology	187.00	13
University of Illinois at Chicago	196.75	NR
Marquette University	190.75	NR

### Lightness

Full Name	Weight (lbs)	Rank
Lakehead University	176.1	1
University of Minnesota, Twin Cities	207.5	2
Bradley University	238.1	3
University of Wisconsin, Madison	272.9	4
University of Illinois at Urbana-Champaign	322.8	5
University of Wisconsin, Platteville	326.4	6
Illinois Institute of Technology	328.6	7
North Dakota State University	359.0	8
University of Minnesota, Duluth	398.1	9
University of North Dakota	441.9	10
Milwaukee School of Engineering	682.4	11
Olivet Nazarene University	896.9	12
University of St. Thomas	1072.1	13
University of Illinois at Chicago	327.4	NR
Marquette University	417.0	NR

## Aesthetics

Full Name	Score	Rank
University of Minnesota, Duluth	13.00	1
Lakehead University	12.67	2
University of North Dakota	12.00	3
University of Minnesota, Twin Cities	11.75	4
North Dakota State University	11.50	5
University of Wisconsin, Platteville	11.50	6
University of Wisconsin, Madison	11.00	7
Marquette University	10.33	8
University of Illinois at Urbana-Champaign	10.33	9
University of St. Thomas	9.83	10
Olivet Nazarene University	9.50	11
University of Illinois at Chicago	9.33	12
Illinois Institute of Technology	9.00	13
Milwaukee School of Engineering	8.83	14
Bradley University	7.83	15

## Stiffness

Full Name	Agg D (in)	Rank
University of Wisconsin, Platteville	0.39	1
University of North Dakota	0.66	2
University of Minnesota, Duluth	1.16	3
Illinois Institute of Technology	1.72	4
University of Minnesota, Twin Cities	1.76	5
University of Wisconsin, Madison	1.80	6
Lakehead University	1.87	7
University of Illinois at Urbana-Champaign	2.15	8
North Dakota State University	4.23	9
University of St. Thomas	10.00	10
Olivet Nazarene University	10.00	11
Milwaukee School of Engineering	10.00	12
Bradley University	10.00	13
University of Illinois at Chicago	0.00	NR
Marquette University	0.00	NR

## Cost Estimate

Full Name	Estimate	Rank
University of North Dakota	\$ 394,775.85	1
University of Minnesota, Duluth	\$ 1,398,297.83	2
University of Wisconsin, Platteville	\$ 1,568,164.18	3
University of Illinois at Urbana-Champaign	\$ 2,025,799.74	4
University of Wisconsin, Madison	\$ 2,198,699.68	5
Lakehead University	\$ 5,259,424.99	6
University of Minnesota, Twin Cities	\$ 8,432,344.14	7
North Dakota State University	\$ 28,110,849.99	8
Illinois Institute of Technology	\$ 49,479,464.80	9
Bradley University	\$ 54,197,200.59	10
Milwaukee School of Engineering	\$ 59,822,095.42	11
University of St. Thomas	\$ 61,454,038.67	12
Olivet Nazarene University	\$ 61,948,065.66	13
University of Illinois at Chicago	\$ 136,496,745.03	NR
Marquette University	\$ 131,163,400.80	NR

## Economy

Full Name	Cc	Rank
University of Minnesota, Duluth	\$ 3,621,000.00	1
University of Illinois at Urbana-Champaign	\$ 5,627,833.33	2
Lakehead University	\$ 7,011,500.00	3
University of Wisconsin, Platteville	\$ 7,230,000.00	4
University of North Dakota	\$ 7,649,166.67	5
North Dakota State University	\$ 13,878,916.67	6
University of Wisconsin, Madison	\$ 13,921,250.00	7
University of Minnesota, Twin Cities	\$ 15,694,583.33	8
Bradley University	\$ 18,111,333.33	9
Milwaukee School of Engineering	\$ 19,618,750.00	10
University of St. Thomas	\$ 22,767,500.00	11
Olivet Nazarene University	\$ 42,086,166.67	12
Illinois Institute of Technology	\$ 167,350,000.00	13
University of Illinois at Chicago	\$ 169,787,500.00	NR
Marquette University	\$ 168,287,500.00	NR

## Efficiency

Full Name	Cs	Rank
University of Wisconsin, Platteville	\$ 3,948,830.18	1
University of North Dakota	\$ 5,498,965.18	2
University of Minnesota, Duluth	\$ 6,900,702.17	3
University of Minnesota, Twin Cities	\$ 8,050,169.81	4
Lakehead University	\$ 8,219,609.99	5
Illinois Institute of Technology	\$ 8,344,240.80	6
University of Wisconsin, Madison	\$ 8,721,169.68	7
University of Illinois at Urbana-Champaign	\$ 10,006,375.40	8
North Dakota State University	\$ 28,541,344.32	9
Bradley University	\$ 61,160,467.25	10
Milwaukee School of Engineering	\$ 63,977,334.42	11
Olivet Nazarene University	\$ 66,308,491.00	12
University of St. Thomas	\$ 66,316,422.67	13
University of Illinois at Chicago	\$ 1,309,245.03	NR
Marquette University	\$ 3,241,293.80	NR

## Overall

Full Name	Cc + Cs	Rank
University of Minnesota, Duluth	\$ 10,521,702.17	1
University of Wisconsin, Platteville	\$ 11,178,830.18	2
University of North Dakota	\$ 13,148,131.85	3
Lakehead University	\$ 15,231,109.99	4
University of Illinois at Urbana-Champaign	\$ 15,634,208.74	5
University of Wisconsin, Madison	\$ 22,642,419.68	6
University of Minnesota, Twin Cities	\$ 23,744,753.14	7
North Dakota State University	\$ 42,420,260.99	8
Bradley University	\$ 79,271,800.59	9
Milwaukee School of Engineering	\$ 83,596,084.42	10
University of St. Thomas	\$ 89,083,922.67	11
Olivet Nazarene University	\$ 108,394,657.66	12
Illinois Institute of Technology	\$ 175,694,240.80	13
University of Illinois at Chicago	\$ 171,096,745.03	NR
Marquette University	\$ 171,528,793.80	NR