

Oklahoma Engineering Foundation Engineering Fair Contest Facts

Bridge Building	2011 Facts	2010 Facts	2009 Facts	2008 Facts	2007 Facts
Number of Entries Preregistered	67	82	75	100	101
On Site Registrations	8	0	5	8	1
Number of Actual Entries on Day of Fair	44	28	41	58	58
Number of Disqualified Entries	6	6		16	
Bridges Holding 1-4 pounds		10	0	9	10
Bridges Holding 5-9 pounds		2	11	13	14
Bridges Holding 10-19 pounds	19	4	11	13	10
Bridges Holding 20-29 pounds	2	4	4	9	10
Bridges Holding 30-39 pounds	6	2	1	4	5
Bridges Holding 40-49 pounds	4	2	2	2	4
Bridges Holding 50-59 pounds	2	3	2	2	1
Bridges Holding 60-69 pounds	4	1	1	1	0
Bridges Holding 70-79 pounds	2	1	0	0	1
Bridges Holding 80-89 pounds	3	1	0	0	1
Bridges Holding 90-99 pounds		2	1	0	0
Bridges Holding 100-109 pounds		0	2	1	1
Bridges Holding 110-119 pounds		0	0	1	1
Bridges Holding 120-129 pounds		0	2	0	0
Bridges Holding 140-149 pounds	1	1			
Bridges Holding 150-159 pounds			1	1	
Bridges Holding 180-189 pounds			1		
Bridges Holding 190-199 pounds			0	1	
Average Weight Held (pounds)	35.953 pounds	31.35294 pounds	36.7561 pounds	26.57895 pounds	22.64 pounds
Median Weight Held (pounds)	34 pounds	21 pounds	17 pounds	14 pounds	13.5 pounds

Oklahoma Engineering Foundation Engineering Fair Contest Facts

Eiffel Tower	2011 Facts	2010 Facts	2009 Facts	2008 Facts	2007 Facts
Number of Entries Preregistered	99	113	103	112	95
On Site Registrations	4	0	5	4	9
Number of Actual Entries on Day of Fair	34	46	55	57	47
Height of 0 feet 0 inches	21	18	24	34	26
Height of 0 feet 1 inch to 0 feet 11.99 inches	8	9	21	9	4
Height of 1 feet - 1 feet 11.99 inches		5	3	4	7
Height of 2 feet - 2 feet 11.99 inches	3	7	2	6	8
Height of 3 feet - 3 feet 11.99 inches		2	0	2	1
Height of 4 feet - 4 feet 11.99 inches		1	0	2	0
Height of 5 feet - 5 feet 11.99 inches			2	0	1
Height of 6 feet - 6 feet 11.99 inches		4	1		
Height of 7 feet - 7 feet 11.99 inches			3		
Average Height	0.386 Feet	1.446 Feet	1.0139 Feet	0.7555 Feet	1.1667 Feet
Median Height	0 Feet	0.5625 Feet			

Oklahoma Engineering Foundation Engineering Fair Contest Facts

Ping Pong Ball Launcher	2011 Facts	2010 Facts	2009 Facts	2008 Facts	2007 Facts
Number of Entries Preregistered	136	142	138	169	172
On Site Registrations	7	4	10	7	8
Number of Actual Entries on Day of Fair	92	99	124	125	149
Number of Entries with 0 points	26	30	28	23	40
Number of Entries with 20 points		0	0	0	12
Number of Entries with 30 points	8	8	8	9	8
Number of Entries with 40 points		4	0	0	2
Number of Entries with 50 points	6		11	6	17
Number of Entries with 60 points	2	1	6	4	2
Number of Entries with 70 points	1		0	0	9
Number of Entries with 80 points	6	1	2	5	4
Number of Entries with 90 points	2	1	1		
Number of Entries with 100 points	3	2	2	1	3
Number of Entries between 110-190 points	12	16	17	15	17
Number of Entries between 200-290 points	11	15	16	16	14
Number of Entries between 300-390 points	7	9	8	11	11
Number of Entries between 400-490 points	5	6	8	6	2
Number of Entries between 500-590 points		1	4	7	3
Number of Entries between 600-690 points	1		2	2	3
Number of Entries between 700-790 points		1	0	2	1
Number of Entries between 800-890 points			3	3	1
Number of Entries between 900-990 points	2	3	1	5	
Number of Entries between 1000-1090 points		1	5	2	
Number of Entries between 1100-1190 points			0	3	
Number of Entries between 1400-1490 points			1		
Number of Entries between 1500-1590 points			1		
Average Score	142.065 Points	182.73 Points	233.59 Points	268.64 Points	125 Points
Median Point Score	80 Points	130 Points	110 Points	160 Points	50 Points

Oklahoma Engineering Foundation Engineering Fair Contest Facts

Rubber Band Powered Vehicle	2011 Facts	2010 Facts	2009 Facts	2008 Facts	2007 Facts
Number of Entries Preregistered	95	96	96	108	119
On Site Registrations	7	0	1	6	3
Number of Actual Entries on Day of Fair	52	54	62	67	64
Distance of 0 feet 0 inches	3	1	3	4	7
Distance of 1 inch - 11 inches	2	2			
Distance of 1 feet - 4 feet 11 inches	6	11	9	13	10
Distance of 5 feet - 9 feet 11 inches	11	13	18	15	16
Distance of 10 feet - 14 feet 11 inches	8	12	14	12	11
Distance of 15 feet - 19 feet 11 inches	11	6	4	7	5
Distance of 20 feet - 24 feet 11 inches	5	3	6	4	3
Distance of 25 feet - 29 feet 11 inches	1	1	1	6	2
Distance of 30 feet - 34 feet 11 inches	2		1	1	2
Distance of 35 feet - 39 feet 11 inches		2	2	1	3
Distance of 40 feet - 44 feet 11 inches		1	2	1	4
Distance of 45 feet - 49 feet 11 inches			2	1	0
Distance of 50 feet - 54 feet 11 inches		1	0	1	1
Distance of 55 feet - 59 feet 11 inches		1	0	1	
Distance of 60 feet - 64 feet 11 inches	1				
Distance of 70 feet - 74 feet 11 inches			1		
Average Distance	13.584 Feet	13.04166 Feet	13.97043 Feet	13.81987 feet	13' 9"
Median Distance	12.667 Feet	10.083 Feet	11 Feet	12.25 feet	

Oklahoma Engineering Foundation Engineering Fair Contest Facts

Electric Motor Contest

2011 Facts

Number of Entries Preregistered
On Site Registrations
Number of Actual Entries on Day of Fair

10
8
14

2011 First Year of Contest

RPM Speed of 0
RPM Speed of 1 to 999
RPM Speed of 1000 to 1499
RPM Speed of 1500 to 1999
RPM Speed of 2000 to 2499
RPM Speed of 2500 to 2999
RPM Speed of 3000 to 3499
RPM Speed of 3500 to 3999
RPM Speed of 4000 to 4499
RPM Speed of 4500 to 4999

2
4
3
3
1
1

Average RPM
Median RPM

1420 RPM
1224 RPM

Wacky Wonder Works

2011 Facts

Number of Entries Preregistered
On Site Registrations
Number of Actual Entries on Day of Fair

73
10
38

Number of Entries Achieving Objective
Number of Entries Earning Bonus Points

24
15

Highest Number of Actions (All Entries)
Lowest Number of Actions (All Entries)

145
6