

# New England Championship Pre-Qualify

[FRC Events](#)

[The Blue Alliance](#)

[FRC Locks](#)(slow)

Slots at event:16

## Cutoff value

Points	Probability
81	0.0015
82	0.0005
83	0.0035
84	0.0075
85	0.0135
86	0.0265
87	0.034
88	0.0325
89	0.0395
90	0.061
91	0.0695
92	0.085
93	0.1165
94	0.103
95	0.0935
96	0.068
97	0.077
98	0.0485
99	0.035

100	0.0325
101	0.014
102	0.0135
103	0.009
104	0.008
105	0.0025
106	0.004
115	0.0005

## Team Probabilities

Probability rank	Probability of making district championship	Team number	Nickname	Extra points needed to have 5% chance of making district championship	Extra points needed to have 50% chance of making district championship	Extra points needed to have 95% chance of making district championship
1	1.000	<a href="#">5813</a>	Morpheus	0	0	0
2	1.000	<a href="#">3467</a>	Windham Windup	0	0	0
3	1.000	<a href="#">177</a>	Bobcat Robotics	0	0	0
4	1.000	<a href="#">176</a>	Aces High	0	0	0
5	1.000	<a href="#">125</a>	NUTRONS	0	0	0
6	0.997	<a href="#">228</a>	GUS Robotics	0	0	0
7	0.609	<a href="#">6328</a>	Mechanical Advantage	11	19	26
8	0.566	<a href="#">7407</a>	Wired Boars	13	21	28
9	0.415	<a href="#">2168</a>	Aluminum Falcons	20	28	35
10	0.361	<a href="#">6329</a>	The Bucks Wrath	23	31	38
11	0.328	<a href="#">230</a>	Gaelhawks	25	33	40
12	0.312	<a href="#">95</a>	Grasshoppers	26	34	41
13	0.296	<a href="#">4564</a>	Orange Chaos	27	35	42

14	0.267	<a href="#">1153</a>	Timberwolves	29	37	44
15	0.253	<a href="#">8889</a>	Wilby- Project W	30	38	45
16	0.253	<a href="#">8085</a>	MOJO	30	38	45
17	0.227	<a href="#">8724</a>	Mayhem	32	40	47
18	0.182	<a href="#">4905</a>	Andromeda One	36	44	51
19	0.182	<a href="#">2877</a>	LigerBots	36	44	51
20	0.171	<a href="#">7153</a>	Aetos Dios (Eagles of Zeus)	37	45	52
21	0.161	<a href="#">131</a>	CHAOS	38	46	53
22	0.143	<a href="#">58</a>	The Riot Crew	40	48	55
23	0.143	<a href="#">238</a>	Crusaders	40	48	55
24	0.143	<a href="#">237</a>	Black Magic Robotics	40	48	55
25	0.143	<a href="#">133</a>	B.E.R.T.	40	48	55
26	0.142	<a href="#">8626</a>	Cyber Sailors of Scituate MA	81	89	96
27	0.142	<a href="#">8544</a>	Reinforcement	81	89	96
28	0.136	<a href="#">7127</a>	LongMetal	41	49	56
29	0.129	<a href="#">155</a>	The TechnoNuts	42	50	57
30	0.118	<a href="#">5687</a>	The Outliers	44	52	59
31	0.118	<a href="#">5563</a>	Phalanx	44	52	59
32	0.118	<a href="#">319</a>	Big Bad Bob	44	52	59
33	0.108	<a href="#">8023</a>	LRTC 8023	46	54	61
34	0.103	<a href="#">236</a>	Techno-Ticks	47	55	62
35	0.103	<a href="#">195</a>	CyberKnights	47	55	62
36	0.093	<a href="#">151</a>	Tough Techs	49	57	64
37	0.093	<a href="#">1474</a>	Titans	49	57	64
38	0.093	<a href="#">126</a>	Gael Force	49	57	64
39	0.088	<a href="#">78</a>	AIR STRIKE	50	58	65

40	0.088	<a href="#">1768</a>	Nashoba Robotics	50	58	65
41	0.082	<a href="#">3146</a>	GRANBY GRUNTS	51	59	66
42	0.082	<a href="#">166</a>	Chop Shop	51	59	66
43	0.082	<a href="#">1073</a>	The Force Team	51	59	66
44	0.082	<a href="#">8410</a>	Oyster River Robotics	86	94	101
45	0.082	<a href="#">7760</a>	PomTech	86	94	101
46	0.082	<a href="#">7674</a>	RaiderBots	86	94	101
47	0.082	<a href="#">69</a>	HYPER	86	94	101
48	0.082	<a href="#">6731</a>	Record Robotics	86	94	101
49	0.082	<a href="#">6367</a>	The ElectroLights	86	94	101
50	0.082	<a href="#">5846</a>	SouthCoast Corsairs	86	94	101
51	0.082	<a href="#">5000</a>	Hammerheads	86	94	101
52	0.082	<a href="#">4908</a>	Duxbury Dragons	86	94	101
53	0.082	<a href="#">4796</a>	Cyber Dragons	86	94	101
54	0.082	<a href="#">4048</a>	Redshift	86	94	101
55	0.082	<a href="#">4034</a>	Pelham u03c0thons Team 4034	86	94	101
56	0.082	<a href="#">3323</a>	Potential Energy	86	94	101
57	0.082	<a href="#">3205</a>	Patriots	86	94	101
58	0.082	<a href="#">2079</a>	4H ALARM Robotics	86	94	101
59	0.082	<a href="#">1757</a>	Wolverines	86	94	101
60	0.082	<a href="#">1735</a>	Green Reapers	86	94	101
61	0.082	<a href="#">138</a>	Entropy	86	94	101
62	0.082	<a href="#">121</a>	Rhode Warriors	86	94	101
63	0.082	<a href="#">1100</a>	Inverse Polarity	86	94	101

64	0.077	<a href="#">2370</a>	IBOTS	52	60	67
65	0.077	<a href="#">172</a>	Northern Force	52	60	67
66	0.071	<a href="#">4041</a>	Iron Tigers	53	61	68
67	0.071	<a href="#">2713</a>	iRaiders	53	61	68
68	0.071	<a href="#">1740</a>	Cyber Colonels	53	61	68
69	0.066	<a href="#">2067</a>	Apple Pi	54	62	69
70	0.062	<a href="#">6153</a>	Blue Crew	55	63	70
71	0.057	<a href="#">8708</a>	Ov3r1y K0mp13x	56	64	71
72	0.057	<a href="#">175</a>	Buzz Robotics	56	64	71
73	0.053	<a href="#">558</a>	Elm City Robo Squad	57	65	72
74	0.053	<a href="#">157</a>	AZTECHS	57	65	72
75	0.049	<a href="#">5856</a>	Bullbots	58	66	73
76	0.044	<a href="#">8013</a>	Boston Lions	59	67	74
77	0.044	<a href="#">663</a>	Robonauts	59	67	74
78	0.044	<a href="#">3461</a>	Operation PEACCE Robotics	59	67	74
79	0.044	<a href="#">2064</a>	The Panther Project	59	67	74
80	0.040	<a href="#">8709</a>	Pathfinder Tech	60	68	75
81	0.040	<a href="#">716</a>	WhosCTEKS	60	68	75
82	0.040	<a href="#">5735</a>	Control Freaks	60	68	75
83	0.040	<a href="#">1277</a>	The Robotomies	60	68	75
84	0.036	<a href="#">7869</a>	The Fun Gang	61	69	76
85	0.036	<a href="#">6723</a>	Mechanical Mounties	61	69	76
86	0.036	<a href="#">6690</a>	MV roboPride	61	69	76
87	0.036	<a href="#">4906</a>	The Collective	61	69	76
88	0.036	<a href="#">348</a>	Norwell Robotics	61	69	76

89	0.036	<a href="#">2648</a>	Infinite Loop	61	69	76
90	0.032	<a href="#">6763</a>	FUSION	62	70	77
91	0.032	<a href="#">5422</a>	Stormgears FRC	62	70	77
92	0.032	<a href="#">4546</a>	Shockwave	62	70	77
93	0.032	<a href="#">1699</a>	Robocats	62	70	77
94	0.032	<a href="#">1099</a>	DiscoTechs	62	70	77
95	0.032	<a href="#">1058</a>	PVC Pirates	62	70	77
96	0.028	<a href="#">3451</a>	The ANOMALY	63	71	78
97	0.024	<a href="#">8604</a>	Alpha Centauri	64	72	79
98	0.024	<a href="#">2342</a>	Team Phoenix	64	72	79
99	0.020	<a href="#">999</a>	MechaRAMS	65	73	80
100	0.020	<a href="#">6620</a>	The Northmengineers	65	73	80
101	0.020	<a href="#">3182</a>	Athenas Warriors	65	73	80
102	0.020	<a href="#">1831</a>	Screaming Eagles	65	73	80
103	0.015	<a href="#">6201</a>	The Highlanders	66	74	81
104	0.015	<a href="#">5459</a>	Ipswich TIGERS	66	74	81
105	0.015	<a href="#">5112</a>	The Gongoliers	66	74	81
106	0.015	<a href="#">3958</a>	Schrodingers Cat	66	74	81
107	0.015	<a href="#">3464</a>	Sim-City	66	74	81
108	0.015	<a href="#">190</a>	Gompei and the H.E.R.D.	66	74	81
109	0.015	<a href="#">1247</a>	Blood, Sweat, and Gears	66	74	81
110	0.012	<a href="#">8046</a>	LakerBots	67	75	82
111	0.012	<a href="#">1922</a>	Oz-Ram	67	75	82
112	0.009	<a href="#">3719</a>	STEM Whalers	68	76	83
113	0.006	<a href="#">8567</a>	Wellesley Robotics - Team Ultraviolet	69	77	84

114	0.006	<a href="#">5142</a>	Robo Dominators	69	77	84
115	0.005	<a href="#">509</a>	Red Storm	70	78	85
116	0.005	<a href="#">1721</a>	Tidal Force	70	78	85
117	0.002	<a href="#">6161</a>	Equilibrium	72	80	87
118	0.002	<a href="#">5494</a>	Bizarbots Robotics	72	80	87
119	0.002	<a href="#">2712</a>	Power Surge 4-H Robotics	72	80	87
120	0.001	<a href="#">7694</a>	THE IRON LIONS	73	81	88
121	0.001	<a href="#">571</a>	Team Paragon	73	81	88
122	0.001	<a href="#">246</a>	Overclocked	73	81	88
123	0.001	<a href="#">1965</a>	Firebirds	73	81	88
124	0.001	<a href="#">173</a>	RAGE Robotics u2699ufe0f	73	81	88
125	0.001	<a href="#">97</a>	Bionic Beef	74	82	89
126	0.001	<a href="#">811</a>	Wild Cards	74	82	89
127	0.001	<a href="#">6333</a>	Scavenger Robotics	74	82	89
128	0.001	<a href="#">4311</a>	Swampscott Currents	74	82	89
129	0.001	<a href="#">1124</a>	UberBots	74	82	89
130	0.000	<a href="#">7314</a>	Tornadoes	75	83	90
131	0.000	<a href="#">6933</a>	Archytas	75	83	90
132	0.000	<a href="#">4925</a>	The Resistance	75	83	90
133	0.000	<a href="#">4628</a>	Sintian Robotics	75	83	90
134	0.000	<a href="#">4473</a>	Delta Prime Robotics	75	83	90
135	0.000	<a href="#">4169</a>	Warrior Robotics	75	83	90
136	0.000	<a href="#">1350</a>	The Rambots	75	83	90
137	0.000	<a href="#">4909</a>	Bionics	5	13	20

138	0.000	<a href="#">8883</a>	Green Mountain Gears	76	84	91
139	0.000	<a href="#">7822</a>	Generals Robotics	76	84	91
140	0.000	<a href="#">5902</a>	The Wire Clippers	76	84	91
141	0.000	<a href="#">5347</a>	Gryphons	76	84	91
142	0.000	<a href="#">4572</a>	BARlow RobAutics	76	84	91
143	0.000	<a href="#">1761</a>	STEAMpunk Tigers	76	84	91
144	0.000	<a href="#">1512</a>	The Big Red	76	84	91
145	0.000	<a href="#">5752</a>	Bevbotics	77	85	92
146	0.000	<a href="#">2170</a>	Galvanized Guardians	77	85	92
147	0.000	<a href="#">2084</a>	Robots by the C	77	85	92
148	0.000	<a href="#">1307</a>	Robosaints	77	85	92
149	0.000	<a href="#">8167</a>	Cognatives	78	86	93
150	0.000	<a href="#">7913</a>	"Bear"ly Functioning	78	86	93
151	0.000	<a href="#">6529</a>	Beantown Blitz	78	86	93
152	0.000	<a href="#">5491</a>	Hard Reset	78	86	93
153	0.000	<a href="#">4097</a>	Devilbots	78	86	93
154	0.000	<a href="#">6324</a>	The Blue Devils	79	87	94
155	0.000	<a href="#">5265</a>	Radical Impact	79	87	94
156	0.000	<a href="#">4987</a>	MegaRams	79	87	94
157	0.000	<a href="#">2423</a>	The KwarQs	79	87	94
158	0.000	<a href="#">7462</a>	Disruptive Technologies	80	88	95
159	0.000	<a href="#">6346</a>	Cybeats Robotics Team	80	88	95
160	0.000	<a href="#">61</a>	The Intimidators	80	88	95
161	0.000	<a href="#">5962</a>	perSEVERE	80	88	95



162	0.000	<a href="#">501</a>	The PowerKnights	80	88	95
163	0.000	<a href="#">2876</a>	Devilbotz	80	88	95
164	0.000	<a href="#">88</a>	TJu00b2	6	14	21
165	0.000	<a href="#">839</a>	Rosie Robotics	82	90	97
166	0.000	<a href="#">7907</a>	Spartan Robotics	47	55	62
167	0.000	<a href="#">6895</a>	Mechanical Madness 4-H	54	62	69
168	0.000	<a href="#">6762</a>	Oscats	82	90	97
169	0.000	<a href="#">5556</a>	Carriagetown Robotics	86	94	101
170	0.000	<a href="#">4761</a>	The Robockets	54	62	69
171	0.000	<a href="#">467</a>	Colonials	15	23	30
172	0.000	<a href="#">4176</a>	Iron Tigers	81	89	96
173	0.000	<a href="#">3654</a>	TechTigers	17	25	32
174	0.000	<a href="#">3634</a>	Spark City	86	94	101
175	0.000	<a href="#">3623</a>	TerrorBots	81	89	96
176	0.000	<a href="#">3566</a>	Gone Fishin	48	56	63
177	0.000	<a href="#">2785</a>	Prometheus	81	89	96
178	0.000	<a href="#">2523</a>	Tech Storm	86	94	101
179	0.000	<a href="#">2262</a>	Robo-Panthers	18	26	33
180	0.000	<a href="#">1991</a>	Dragons	38	46	53
181	0.000	<a href="#">181</a>	Birds Of Prey	55	63	70
182	0.000	<a href="#">178</a>	The 2nd Law Enforcers	72	80	87
183	0.000	<a href="#">1729</a>	Team Inconceivable!	26	34	41
184	0.000	<a href="#">1071</a>	Team MAX	33	41	48
185	0.000	<a href="#">1027</a>	Mechatronic Maniacs	28	36	43

## Cutoff value - extended

The cutoff values, along with how likely a team at that value is to miss advancing. For example: a line that said (50,.25) would correspond to the probability that team above 50 get in, teams below 50 do not, and 75% of teams ending up with exactly 50 would qualify for the district championship.

Points	Probability
(81,0.666667)	0.0005
(81,1)	0.001
(82,1)	0.0005
(83,0.5)	0.0005
(83,0.666667)	0.0005
(83,1)	0.0015
(83,1)	0.001
(84,0.333333)	0.0005
(84,0.5)	0.0005
(84,0.75)	0.0005
(84,0.8)	0.0005
(84,1)	0.003
(84,1)	0.002
(84,1)	0.0005
(85,0.333333)	0.0005
(85,0.5)	0.002
(85,0.666667)	0.0005
(85,1)	0.003
(85,1)	0.0045
(85,1)	0.0015
(85,1)	0.0015
(86,0.333333)	0.0005
(86,0.5)	0.004

(86,0.666667)	0.0005
(86,0.75)	0.001
(86,1)	0.0135
(86,1)	0.005
(86,1)	0.0015
(86,1)	0.0005
(87,0.5)	0.0055
(87,0.5)	0.001
(87,0.666667)	0.0015
(87,0.75)	0.0005
(87,1)	0.0195
(87,1)	0.0055
(87,1)	0.0005
(88,0.333333)	0.0015
(88,0.5)	0.0045
(88,0.666667)	0.0005
(88,1)	0.016
(88,1)	0.008
(88,1)	0.0015
(88,1)	0.0005
(89,0.25)	0.0005
(89,0.333333)	0.0015
(89,0.5)	0.005
(89,1)	0.025
(89,1)	0.007
(89,1)	0.0005
(90,0.333333)	0.0035
(90,0.5)	0.008
(90,0.666667)	0.0045

(90,0.75)	0.0005
(90,0.8)	0.0005
(90,1)	0.0275
(90,1)	0.0105
(90,1)	0.0055
(90,1)	0.0005
(91,0.333333)	0.001
(91,0.5)	0.01
(91,0.5)	0.001
(91,0.666667)	0.0035
(91,1)	0.0385
(91,1)	0.014
(91,1)	0.0015
(92,0.25)	0.0005
(92,0.333333)	0.002
(92,0.5)	0.016
(92,0.5)	0.0005
(92,0.666667)	0.003
(92,0.75)	0.0005
(92,0.8)	0.001
(92,1)	0.0415
(92,1)	0.017
(92,1)	0.002
(92,1)	0.0005
(92,1)	0.0005
(93,0.25)	0.0005
(93,0.333333)	0.0045
(93,0.5)	0.0185
(93,0.666667)	0.005

(93,0.75)	0.0005
(93,0.8)	0.001
(93,1)	0.056
(93,1)	0.0235
(93,1)	0.006
(93,1)	0.0005
(93,1)	0.0005
(94,0.2)	0.0005
(94,0.333333)	0.002
(94,0.5)	0.0215
(94,0.5)	0.001
(94,0.666667)	0.0045
(94,0.75)	0.0005
(94,1)	0.0475
(94,1)	0.0215
(94,1)	0.0035
(94,1)	0.0005
(95,0.25)	0.0005
(95,0.333333)	0.002
(95,0.5)	0.018
(95,0.5)	0.001
(95,0.666667)	0.006
(95,0.75)	0.0015
(95,1)	0.049
(95,1)	0.012
(95,1)	0.0025
(95,1)	0.001
(96,0.166667)	0.0005
(96,0.333333)	0.001

(96,0.5)	0.0145
(96,0.666667)	0.0045
(96,1)	0.0355
(96,1)	0.0105
(96,1)	0.0015
(97,0.25)	0.0005
(97,0.333333)	0.0035
(97,0.5)	0.0125
(97,0.5)	0.0005
(97,0.666667)	0.0025
(97,0.75)	0.0015
(97,1)	0.04
(97,1)	0.0115
(97,1)	0.004
(97,1)	0.0005
(98,0.25)	0.0005
(98,0.333333)	0.003
(98,0.5)	0.01
(98,0.5)	0.001
(98,0.666667)	0.0015
(98,1)	0.023
(98,1)	0.0085
(98,1)	0.0005
(98,1)	0.0005
(99,0.333333)	0.002
(99,0.5)	0.008
(99,0.666667)	0.001
(99,1)	0.0195
(99,1)	0.0035

(99,1)	0.001
(100,0.333333)	0.001
(100,0.5)	0.011
(100,0.666667)	0.0015
(100,0.75)	0.001
(100,1)	0.0125
(100,1)	0.0045
(100,1)	0.001
(101,0.333333)	0.001
(101,0.5)	0.003
(101,1)	0.009
(101,1)	0.001
(102,0.333333)	0.0005
(102,0.5)	0.0025
(102,0.5)	0.0005
(102,0.666667)	0.0015
(102,1)	0.007
(102,1)	0.0015
(103,0.5)	0.0025
(103,1)	0.0055
(103,1)	0.001
(104,0.5)	0.002
(104,1)	0.006
(105,0.333333)	0.0005
(105,1)	0.0015
(105,1)	0.0005
(106,0.25)	0.0005
(106,0.333333)	0.001
(106,0.5)	0.0005

(106,0.666667)	0.0005
(106,1)	0.0005
(106,1)	0.001
(115,1)	0.0005