FIRST In Texas District Championship Predictions 2022

FRC Events
The Blue Alliance
FRC Locks(slow)
Slots at event:80

Cutoff value

Points	Probability
46	0.0005
47	0.009
48	0.0395
49	0.066
50	0.194
51	0.158
52	0.222
53	0.1845
54	0.0575
55	0.049
56	0.009
57	0.0075
58	0.003
60	0.0005

Team Probabilities

Probability rank	Probability of making district championship	Team number	Nickname	5% chance of	50% chance of	Extra points needed to have 95% chance of making district championship
1	1.000	<u>5427</u>	Steel Talons	0	0	0
2	1.000	<u>3481</u>	Bronc Botz	0	0	0
3	1.000	<u>2881</u>	Lady Cans	0	0	0
4	1.000	<u>1296</u>	Full Metal Jackets	0	0	0
5	1.000	<u>8055</u>	EGM Robotics- BOSS BOTS	0	0	0
6	1.000	<u>7521</u>	ULTIMATE Robotics	0	0	0
7	1.000	6800	Valor	0	0	0
8	1.000	6377	Howdy Bots	0	0	0
9	1.000	<u>5572</u>	ROSBOTS	0	0	0
10	1.000	4219	RED!	0	0	0
11	1.000	4192	Flower Mound Jaguar Robotics	0	0	0
12	1.000	3679	rattlers	0	0	0
13	1.000	3005	RoboChargers	0	0	0
14	1.000	2689	Team Alpha	0	0	0
15	1.000	<u>2687</u>	Team Apprentice	0	0	0
16	1.000	<u>2582</u>	PantherBots	0	0	0
17	1.000	2468	Team Appreciate	0	0	0
18	1.000	1745	The P-51 Mustangs	0	0	0
19	1.000	<u>8576</u>	Golden Warriors Robotics	0	0	0
20	1.000	8177	Vector	0	0	0
21	1.000	6672	Fusion Corps	0	0	0
22	1.000	<u>5414</u>	Pearadox	0	0	0

23	1.000	4639	The RoboSpartans	0	0	0
24	1.000	4206	Robo Vikes	0	0	0
25	1.000	3847	Spectrum -u25b3u25c5	0	0	0
26	1.000	3310	Black Hawk Robotics	0	0	0
27	1.000	148	Robowranglers	0	0	0
28	1.000	118	Robonauts	0	0	0
29	1.000	1477	Texas Torque	0	0	2
30	1.000	8858	Atlas	0	0	3
31	0.999	8114	Rocketeers	0	0	0
32	0.994	5892	Energy HEROs	0	0	0
33	0.931	<u>7616</u>	Cerberus	4	7	10
34	0.931	7492	CavBots	4	7	10
35	0.931	624	CRyptonite	4	7	10
36	0.931	324	Chips	4	7	10
37	0.823	7312	T3	0	0	2
38	0.786	4063	TriKzR4Kidz	9	12	15
39	0.764	3035	Droid Rage	10	13	16
40	0.718	3355	Purple Vipers	13	16	19
41	0.705	8749	Farmersville Robotics	14	17	20
42	0.705	8507	Jaguar Robotics	14	17	20
43	0.705	<u>5503</u>	Smithville Tiger Trons	14	17	20
44	0.690	8144	Red Chair Robotics	15	18	21
45	0.690	1255	Blarglefish	15	18	21
46	0.674	8580	Jayton J-Bots	44	47	50
47	0.674	8816	Coyotronics	16	19	22
48	0.674	8573	Rogue-Rangers LEGACY	16	19	22
49	0.674	4153	Project Y	16	19	22

50	0.674	3834	Crab-bots	16	19	22
51	0.674	2158	ausTIN CANs	16	19	22
52	0.655	8528	AstroChimps	17	20	23
53	0.655	<u>8515</u>	Photon	17	20	23
54	0.655	7540	Timberwolf Robotics	17	20	23
55	0.655	<u>7535</u>	Purple Poison 7535	17	20	23
56	0.655	7534	Dragonflies	17	20	23
57	0.655	4364	Metal Jackets	17	20	23
58	0.655	231	High Voltage	17	20	23
59	0.614	<u>5726</u>	RHUMBOTZ	0	0	3
60	0.609	8819	Achieve ATX Robotics - Team ARCTECH BEARS	19	22	25
61	0.609	8019	Patriot Engineering	19	22	25
62	0.609	3802	u2728RoboPOPu2728	19	22	25
63	0.546	<u>5613</u>	ThunderDogs	21	24	27
64	0.546	<u>5411</u>	RoboTalons	21	24	27
65	0.546	4734	The Iron Plainsmen	21	24	27
66	0.511	7621	Iron Rangers	22	25	28
67	0.510	8392	Mac Attack	49	52	55
68	0.510	8274	Raider Robotics	49	52	55
69	0.510	7691	TSA All Stars	49	52	55
70	0.510	5070	Gearnotics	49	52	55
71	0.510	3728	Momentum	49	52	55
72	0.510	3103	Iron Plaid	49	52	55
73	0.510	2587	DiscoBots	49	52	55
74	0.475	7506	WILDCARDS	23	26	29
75	0.475	5261	Cyber Shock	23	26	29
76	0.475	2848	Rangers	23	26	29

77	0.444	6768	Denison Robo-Jackets	24	27	30
78	0.444	6180	Mechanical Lions	24	27	30
79	0.444	5829	AwtyBots	24	27	30
80	0.444	3029	Mecha Titans	24	27	30
81	0.416	7125	Tigerbotics	25	28	31
82	0.416	5894	J.E.H.S. CyberJags	25	28	31
83	0.416	457	u2699ufe0f Grease Monkeys u2699ufe0f	25	28	31
84	0.416	3545	Bots in Blue	25	28	31
85	0.416	2882	Nuts n Boltz	25	28	31
86	0.393	8150	Tungsten	26	29	32
87	0.393	7121	Keller Fusion Robotics	26	29	32
88	0.393	5052	The RoboLobos	26	29	32
89	0.393	4332	EHS RoboCats	26	29	32
90	0.393	2583	Orange Dynamite	26	29	32
91	0.373	6369	Mercenary Robotics	27	30	33
92	0.373	4641	TALON inc.	27	30	33
93	0.373	4610	BearTecs	27	30	33
94	0.356	7319	1UP	28	31	34
95	0.356	5431	Titan Robotics	28	31	34
96	0.356	2714	u2668ufe0f BBQ u2668ufe0f	28	31	34
97	0.336	8874	The Cybirds	29	32	35
98	0.336	8750	Tarpontron1cs	29	32	35
99	0.336	3735	VorTX	29	32	35
100	0.317	8370	Glow With The Flow	30	33	36
101	0.317	418	Purple Haze	30	33	36
102	0.298	8818	The Foe - Foe	31	34	37

			Engineering Group			
103	0.298	8769	G.O.R.T.s	31	34	37
104	0.298	6901	Knights Robotics	31	34	37
105	0.279	8625	MHS Eagles	32	35	38
106	0.279	<u>8556</u>	Lion Robotics	32	35	38
107	0.265	8598	Electro-Knights	33	36	39
108	0.265	4587	Jersey Voltage	33	36	39
109	0.253	8710	BLUM BOBCAT ROBOTICS	34	37	40
110	0.253	7503	Radicubs	34	37	40
111	0.253	3676	Redshift Robotics	34	37	40
112	0.253	2950	Devastators	34	37	40
113	0.236	8879	REDBird Robotics	0	2	5
114	0.224	7750	Alpine Robo-Bucks	37	40	43
115	0.224	5682	Equus Engineering	37	40	43
116	0.224	5417	Eagle Robotics	37	40	43
117	0.214	5057	RoboBusters	38	41	44
118	0.203	8827	Edinburg North Robotics	39	42	45
119	0.203	7115	Red Lion Bots	39	42	45
120	0.203	6645	Alloy Obsession	39	42	45
121	0.203	6357	The Spring Konstant	39	42	45
122	0.203	5212	TAMSformers Robotics	39	42	45
123	0.203	4328	Furious Falcons	39	42	45
124	0.192	7088	Robodogs	40	43	46
125	0.192	4717	Westerner Robotics	40	43	46
126	0.181	7119	Sunset RoboBison	41	44	47
127	0.181	6830	Hogbotics	41	44	47

128	0.181	4295	Hudson Robotics	41	44	47
129	0.170	8408	Kiss Kats	42	45	48
130	0.170	8210	Rambotics Inc.	42	45	48
131	0.170	7091	Atlas Orbis	42	45	48
132	0.170	6171	u269b Chain Reaction u269b	42	45	48
133	0.170	5242	u2699ufe0f RoboCats u2699ufe0f	42	45	48
134	0.160	7418	Channelview TechnoFalcons	43	46	49
135	0.160	5866	Fe [Iron] Tigers	43	46	49
136	0.152	8591	Angels	44	47	50
137	0.152	8568	Cyber Seven	44	47	50
138	0.152	8512	Manzano Monarchs	44	47	50
139	0.152	8369	Coyotech Robotics	44	47	50
140	0.152	5923	WildC.A.T.S.	44	47	50
141	0.144	8405	Reaching for the Skynet	45	48	51
142	0.144	5986	u250c Iron Fangs u2510	45	48	51
143	0.144	4597	SABERBOTS	45	48	51
144	0.123	8325	Bobcat Bots	49	52	55
145	0.123	7440	Robo Lions (FRC)	49	52	55
146	0.123	6974	Zia Robotics	49	52	55
147	0.123	6682	A.S.T.R.O. Vikings	49	52	55
148	0.123	3743	Eagle Bots	49	52	55
149	0.123	3282	Dallas Robo Tigers	49	52	55
150	0.123	3037	LOBOTS	49	52	55
151	0.123	2657	Team Thundercats	49	52	55
152	0.123	2613	Protobots	49	52	55

153	0.123	1164	Project NEO	49	52	55
154	0.030	8088	Bionic Panthers	1	4	7
155	0.005	8610	Lanier Voks	2	5	8
156	0.000	8842	SAR	22	25	28
157	0.000	7138	Wing It	49	52	55
158	0.000	<u>6155</u>	ElektraBots	14	17	20
159	0.000	<u>5908</u>	Spartans	34	37	40
160	0.000	<u>5103</u>	Jaegernauts	38	41	44
161	0.000	5047	DV CONQUISTABOTS	49	52	55
162	0.000	<u>3561</u>	RoboRaiders	42	45	48
163	0.000	<u>2969</u>	Aftermath	23	26	29
164	0.000	<u>2966</u>	Tiger Tech	38	41	44
165	0.000	2789	TEXPLOSION	23	26	29

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
(46,0.8)	0.0005
(47,1.13243e-14)	0.0005
(47,2.84217e-14)	0.0005
(47,5.68434e-14)	0.0005
(47,0.285714)	0.0005
(47,0.5)	0.0005
(47,0.5)	0.001
(47,0.666667)	0.0025
(47,0.75)	0.0015

(47,0.8)	0.0005
(47,0.833333)	0.001
(48,1.42109e-14)	0.0005
(48,1.89848e-14)	0.0025
(48,2.84217e-14)	0.0025
(48,5.68434e-14)	0.0005
(48,0.166667)	0.0005
(48,0.2)	0.002
(48,0.25)	0.001
(48,0.333333)	0.0005
(48,0.333333)	0.003
(48,0.4)	0.002
(48,0.5)	0.001
(48,0.5)	0.004
(48,0.5)	0.002
(48,0.6)	0.0025
(48,0.625)	0.0005
(48,0.666667)	0.001
(48,0.666667)	0.0045
(48,0.75)	0.0035
(48,0.8)	0.004
(48,0.833333)	0.001
(48,0.857143)	0.0005
(49,1.13243e-14)	0.001
(49,1.42109e-14)	0.002
(49,1.89848e-14)	
(49,2.84217e-14)	
(49,5.68434e-14)	0.009
(49,0.2)	0.0025

(49,0.25)	0.003
(49,0.333333)	0.0005
(49,0.333333)	0.0065
(49,0.4)	0.0015
(49,0.5)	0.004
(49,0.5)	0.0095
(49,0.571429)	0.0005
(49,0.6)	0.0015
(49,0.666667)	0.001
(49,0.666667)	0.0075
(49,0.75)	0.003
(49,0.8)	0.002
(50,7.10543e-15)	0.0005
(50,9.4369e-15)	0.001
(50,1.13243e-14)	0.009
(50,1.42109e-14)	0.008
(50,1.89848e-14)	0.015
(50,2.84217e-14)	0.013
(50,5.68434e-14)	0.006
(50,0.125)	0.0005
(50,0.142857)	0.0015
(50,0.166667)	0.004
(50,0.2)	0.0065
(50,0.25)	0.011
(50,0.285714)	0.0005
(50,0.333333)	0.0015
(50,0.333333)	0.016
(50,0.375)	0.001
(50,0.4)	0.0005

(50,0.4)	0.0065
(50,0.428571)	0.0005
(50,0.444444)	0.0005
(50,0.5)	0.0005
(50,0.5)	0.0015
(50,0.5)	0.01
(50,0.5)	0.0195
(50,0.555556)	0.0005
(50,0.571429)	0.0015
(50,0.6)	0.007
(50,0.666667)	0.0035
(50,0.666667)	0.015
(50,0.714286)	0.001
(50,0.75)	0.0005
(50,0.75)	0.001
(50,0.75)	0.013
(50,0.777778)	0.0005
(50,0.8)	0.0105
(50,0.833333)	0.002
(50,0.857143)	0.0015
(50,0.875)	0.002
(51,8.10463e-15)	0.0005
(51,9.4369e-15)	0.001
(51,1.13243e-14)	0.0035
(51,1.42109e-14)	0.006
(51,1.89848e-14)	0.013
(51,2.84217e-14)	0.021
(51,5.68434e-14)	0.0275
(51,0.166667)	0.0005

(51,0.2)	0.003
(51,0.25)	0.005
(51,0.333333)	0.0005
(51,0.333333)	0.013
(51,0.4)	0.0025
(51,0.5)	0.0005
(51,0.5)	0.0105
(51,0.5)	0.022
(51,0.6)	0.003
(51,0.666667)	0.0005
(51,0.666667)	0.0105
(51,0.75)	0.0085
(51,0.8)	0.0045
(51,0.833333)	0.001
(52,8.10463e-15)	0.0005
(52,9.4369e-15)	0.0025
(52,1.13243e-14)	0.003
(52,1.42109e-14)	0.0145
(52,1.89848e-14)	0.02
(52,2.84217e-14)	0.018
(52,5.68434e-14)	0.011
(52,0.125)	0.0005
(52,0.142857)	0.0005
(52,0.166667)	0.001
(52,0.2)	0.009
(52,0.25)	0.0165
(52,0.285714)	0.0005
(52,0.333333)	0.0015
(52,0.333333)	0.02

(52,0.375)	0.001
(52,0.4)	0.0055
(52,0.5)	0.0005
(52,0.5)	0.003
(52,0.5)	0.018
(52,0.5)	0.0215
(52,0.571429)	0.001
(52,0.6)	0.0065
(52,0.625)	0.0005
(52,0.666667)	0.0025
(52,0.666667)	0.019
(52,0.714286)	0.0005
(52,0.75)	0.0005
(52,0.75)	0.014
(52,0.8)	0.005
(52,0.833333)	0.0025
(52,0.857143)	0.001
(52,0.888889)	0.0005
(53,9.4369e-15)	0.0025
(53,1.13243e-14)	0.007
(53,1.42109e-14)	0.016
(53,1.89848e-14)	0.0195
(53,2.84217e-14)	0.024
(53,5.68434e-14)	0.0055
(53,0.125)	0.001
(53,0.142857)	0.001
(53,0.166667)	0.002
(53,0.2)	0.007
(53,0.25)	0.0085

(53,0.285714)	0.0005
(53,0.333333)	0.0015
(53,0.333333)	0.0195
(53,0.363636)	0.0005
	0.0005
(53,0.375)	
(53,0.4)	0.0085
(53,0.428571)	0.001
(53,0.5)	0.003
(53,0.5)	0.008
(53,0.5)	0.0155
(53,0.571429)	0.001
(53,0.6)	0.004
(53,0.666667)	0.002
(53,0.666667)	0.013
(53,0.714286)	0.0005
(53,0.75)	0.007
(53,0.8)	0.0025
(53,0.833333)	0.001
(53,0.857143)	0.001
(54,9.4369e-15)	0.0015
(54,1.13243e-14)	0.0005
(54,1.42109e-14)	0.0045
(54,1.89848e-14)	0.0055
(54,2.84217e-14)	0.01
(54,5.68434e-14)	0.0115
(54,0.2)	0.0005
(54,0.333333)	0.0025
(54,0.4)	0.0005
(54,0.5)	0.001

(54,0.5)	0.0145
(54,0.571429)	0.0005
(54,0.666667)	0.0015
(54,0.75)	0.003
(55,8.10463e-15)	0.0005
(55,9.4369e-15)	0.0005
(55,1.13243e-14)	0.003
(55,1.42109e-14)	0.005
(55,1.89848e-14)	0.0045
(55,2.84217e-14)	0.0065
(55,5.68434e-14)	0.0055
(55,0.142857)	0.0005
(55,0.25)	0.0015
(55,0.333333)	0.006
(55,0.4)	0.0005
(55,0.428571)	0.0005
(55,0.5)	0.0005
(55,0.5)	0.0015
(55,0.5)	0.005
(55,0.571429)	0.0005
(55,0.6)	0.0005
(55,0.666667)	0.0055
(55,0.75)	0.001
(56,8.10463e-15)	0.0005
(56,1.13243e-14)	0.001
(56,1.42109e-14)	0.0005
(56,1.89848e-14)	0.0025
(56,2.84217e-14)	0.0005
(56,5.68434e-14)	0.002

(56,0.25)	0.0005
(56,0.333333)	0.001
(56,0.5)	0.0005
(57,1.42109e-14)	0.002
(57,2.84217e-14)	0.0005
(57,0.2)	0.001
(57,0.333333)	0.001
(57,0.5)	0.001
(57,0.5)	0.0005
(57,0.666667)	0.0005
(57,0.75)	0.001
(58,9.4369e-15)	0.0005
(58,1.13243e-14)	0.0005
(58,1.89848e-14)	0.001
(58,2.84217e-14)	0.0005
(58,0.25)	0.0005
(60,0.125)	0.0005