

▼ **TABLE E**

CRITICAL VALUES OF t

To find the appropriate value of t , read across the row that contains the number of degrees of freedom in your experiment. The columns are determined by the level of significance you have chosen, and the cell entries are the critical values for each df at each probability level. The value of t you obtain must be equal to or greater than that in the table in order to be significant. For example, with $df = 15$ and $p = .05$ (two-tailed test), your t must be greater than or equal to 2.131.

Level of Significance for a One-Tailed Test								
	.25	.10	.05	.025	.01	.005	.0025	.001
Level of Significance for a Two-Tailed Test								
df	.50	.20	.10	.05	.02	.01	.005	.002
1	1.000	3.078	6.314	12.706	31.821	63.657	127.321	318.309
2	0.816	1.886	2.920	4.303	6.965	9.925	14.089	22.327
3	0.765	1.638	2.353	3.182	4.541	5.841	7.453	10.214
4	0.741	1.533	2.132	2.776	3.747	4.604	5.598	7.173
5	0.727	1.476	2.015	2.571	3.365	4.032	4.773	5.893
6	0.718	1.440	1.943	2.447	3.143	3.707	4.317	5.208
7	0.711	1.415	1.895	2.365	2.998	3.499	4.029	4.785
8	0.706	1.397	1.880	2.306	2.896	3.366	3.833	4.501
9	0.703	1.383	1.833	2.262	2.821	3.256	3.690	4.297
10	0.700	1.372	1.812	2.228	2.764	3.169	3.581	4.144
11	0.697	1.363	1.796	2.201	2.718	3.106	3.497	4.025
12	0.695	1.356	1.782	2.179	2.681	3.055	3.428	3.930
13	0.694	1.350	1.771	2.160	2.650	3.012	3.372	3.852
14	0.692	1.345	1.761	2.145	2.624	2.977	3.326	3.787
15	0.691	1.341	1.753	2.131	2.602	2.947	3.286	3.733
16	0.690	1.337	1.746	2.120	2.583	2.921	3.252	3.686
17	0.689	1.333	1.740	2.110	2.567	2.898	3.223	3.646
18	0.688	1.330	1.734	2.101	2.552	2.878	3.197	3.610
19	0.688	1.328	1.729	2.093	2.539	2.861	3.174	3.579
20	0.687	1.325	1.725	2.086	2.528	2.845	3.153	3.552
21	0.686	1.323	1.721	2.080	2.518	2.831	3.135	3.527
22	0.686	1.321	1.717	2.074	2.508	2.819	3.119	3.505
23	0.685	1.319	1.714	2.069	2.500	2.807	3.104	3.485
24	0.685	1.318	1.711	2.064	2.492	2.797	3.090	3.467
25	0.684	1.316	1.708	2.060	2.485	2.787	3.078	3.450
26	0.684	1.315	1.706	2.056	2.479	2.779	3.067	3.435
27	0.684	1.314	1.703	2.052	2.473	2.771	3.057	3.421
28	0.683	1.313	1.701	2.048	2.467	2.763	3.047	3.408
29	0.683	1.311	1.699	2.045	2.462	2.756	3.038	3.396
30	0.683	1.310	1.697	2.042	2.457	2.750	3.030	3.385
35	0.682	1.306	1.690	2.030	2.438	2.724	2.996	3.340
40	0.681	1.303	1.684	2.021	2.423	2.704	2.971	3.307
45	0.680	1.301	1.679	2.014	2.412	2.690	2.952	3.281
50	0.679	1.299	1.676	2.009	2.403	2.678	2.937	3.261
55	0.679	1.297	1.673	2.004	2.396	2.668	2.925	3.245
60	0.679	1.296	1.671	2.000	2.390	2.668	2.915	3.232
70	0.678	1.294	1.667	1.994	2.381	2.648	2.899	3.211
80	0.678	1.292	1.664	1.990	2.374	2.639	2.877	3.195
90	0.677	1.291	1.662	1.987	2.368	2.632	2.878	3.183
100	0.677	1.290	1.660	1.984	2.364	2.626	2.871	3.174
∞	.674	1.282	1.645	1.960	2.326	2.576	2.807	3.090

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