t_α - Critical Values of the t-Distribution with ν Degrees of Freedom   Table – 4

$t = 0 \quad t_\alpha$ one-tail
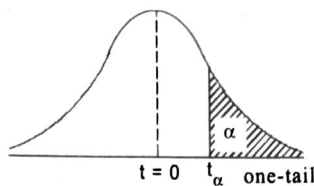
						α				
ν	0.40	0.30	0.20	0.15	0.10	0.05	0.025	0.01	0.005
1	0.325	0.727	1.376	1.963	3.078	6.314	12.706	31.821	63.657
2	0.289	0.617	1.061	1.386	1.886	2.920	4.303	6.965	9.925
3	0.277	0.584	0.978	1.250	1.638	2.353	3.182	4.541	5.841
4	0.271	0.569	0.941	1.190	1.533	2.132	2.776	3.747	4.604
5	0.267	0.559	0.920	1.156	1.476	2.015	2.571	3.365	4.032
6	0.265	0.553	0.906	1.134	1.440	1.943	2.447	3.143	3.707
7	0.263	0.549	0.896	1.119	1.415	1.895	2.365	2.998	3.499
8	0.262	0.546	0.889	1.108	1.397	1.860	2.306	2.896	3.355
9	0.261	0.543	0.883	1.100	1.383	1.833	2.262	2.821	3.250
10	0.260	0.542	0.879	1.093	1.372	1.812	2.228	2.764	3.169
11	0.260	0.540	0.876	1.088	1.363	1.796	2.201	2.718	3.106
12	0.259	0.539	0.873	1.083	1.356	1.782	2.179	2.681	3.055
13	0.259	0.537	0.870	1.079	1.350	1.771	2.160	2.650	3.012
14	0.258	0.537	0.868	1.076	1.345	1.761	2.145	2.624	2.977
15	0.258	0.536	0.866	1.074	1.341	1.753	2.131	2.602	2.947
16	0.258	0.535	0.865	1.071	1.337	1.746	2.120	2.583	2.921
17	0.257	0.534	0.863	1.069	1.333	1.740	2.110	2.567	2.898
18	0.257	0.534	0.862	1.067	1.330	1.734	2.101	2.552	2.878
19	0.257	0.533	0.861	1.066	1.328	1.729	2.093	2.539	2.861
20	0.257	0.533	0.860	1.064	1.325	1.725	2.086	2.528	2.845
21	0.257	0.532	0.859	1.063	1.323	1.721	2.080	2.518	2.831
22	0.256	0.532	0.858	1.061	1.321	1.717	2.074	2.508	2.819
23	0.256	0.532	0.858	1.060	1.319	1.714	2.069	2.500	2.807
24	0.256	0.531	0.857	1.059	1.318	1.711	2.064	2.492	2.797
25	0.256	0.531	0.856	1.058	1.316	1.708	2.060	2.485	2.787
26	0.256	0.531	0.856	1.058	1.315	1.706	2.056	2.479	2.779
27	0.256	0.531	0.855	1.057	1.314	1.703	2.052	2.473	2.771
28	0.256	0.530	0.855	1.056	1.313	1.701	2.048	2.467	2.763
29	0.256	0.530	0.854	1.055	1.311	1.699	2.045	2.462	2.756
30	0.256	0.530	0.854	1.055	1.310	1.697	2.042	2.457	2.750
40	0.255	0.529	0.851	1.050	1.303	1.684	2.021	2.423	2.704
60	0.254	0.527	0.848	1.045	1.296	1.671	2.000	2.390	2.660
120	0.254	0.526	0.845	1.041	1.289	1.658	1.980	2.358	2.617
∞	0.253	0.524	0.842	1.036	1.282	1.645	1.960	2.326	2.576

Note : The above table gives the values of t for one-tail test (either left-tail or right-tail test). If we have to find the value of t for a two-tail test at a level, we take the value of $\alpha / 2$ for α. For example, the value of t at 5% level with 9 d.f. is $t_{0.025} = 2.262$ and the value of t at 1% level with 11 d.f. is $t_{0.005} = 3.106$