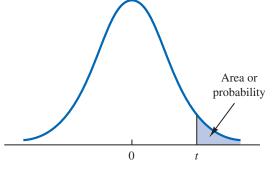
t DISTRIBUTION



probability Entries in the table give t values for an area or probability in the upper tail of the t distribution. For example, with 10 degrees of freedom and a .05 area in the upper tail, $t_{.05} = 1.812$.

Degrees of Freedom	Area in Upper Tail							
	.20	.10	.05	.025	.01	.005		
1	1.376	3.078	6.314	12.706	31.821	63.656		
2	1.061	1.886	2.920	4.303	6.965	9.925		
3	.978	1.638	2.353	3.182	4.541	5.841		
4	.941	1.533	2.132	2.776	3.747	4.604		
5	.920	1.476	2.015	2.571	3.365	4.032		
6	.906	1.440	1.943	2.447	3.143	3.707		
7	.896	1.415	1.895	2.365	2.998	3.499		
8	.889	1.397	1.860	2.306	2.896	3.355		
9	.883	1.383	1.833	2.262	2.821	3.250		
10	.879	1.372	1.812	2.228	2.764	3.169		
11	.876	1.363	1.796	2.201	2.718	3.106		
12	.873	1.356	1.782	2.179	2.681	3.055		
13	.870	1.350	1.771	2.160	2.650	3.012		
14	.868	1.345	1.761	2.145	2.624	2.977		
15	.866	1.341	1.753	2.131	2.602	2.947		
16	.865	1.337	1.746	2.120	2.583	2.921		
17	.863	1.333	1.740	2.110	2.567	2.898		
18	.862	1.330	1.734	2.101	2.552	2.878		
19	.861	1.328	1.729	2.093	2.539	2.861		
20	.860	1.325	1.725	2.086	2.528	2.845		
21	.859	1.323	1.721	2.080	2.518	2.831		
22	.858	1.321	1.717	2.074	2.508	2.819		
23	.858	1.319	1.714	2.069	2.500	2.807		
24	.857	1.318	1.711	2.064	2.492	2.797		
25	.856	1.316	1.708	2.060	2.485	2.787		
26	.856	1.315	1.706	2.056	2.479	2.779		
27	.855	1.314	1.703	2.052	2.473	2.771		
28	.855	1.313	1.701	2.048	2.467	2.763		
29	.854	1.311	1.699	2.045	2.462	2.756		
30	.854	1.310	1.697	2.042	2.457	2.750		
31	.853	1.309	1.696	2.040	2.453	2.744		
32	.853	1.309	1.694	2.037	2.449	2.738		
33	.853	1.308	1.692	2.035	2.445	2.733		
34	.852	1.307	1.691	2.032	2.441	2.728		

t DISTRIBUTION (Continued)

Degrees of Freedom	Area in Upper Tail						
	.20	.10	.05	.025	.01	.005	
35	.852	1.306	1.690	2.030	2.438	2.724	
36	.852	1.306	1.688	2.028	2.434	2.719	
37	.851	1.305	1.687	2.026	2.431	2.715	
38	.851	1.304	1.686	2.024	2.429	2.712	
39	.851	1.304	1.685	2.023	2.426	2.708	
40	.851	1.303	1.684	2.021	2.423	2.704	
41	.850	1.303	1.683	2.020	2.421	2.701	
42	.850	1.302	1.682	2.018	2.418	2.698	
43	.850	1.302	1.681	2.017	2.416	2.695	
44	.850	1.301	1.680	2.015	2.414	2.692	
45	.850	1.301	1.679	2.014	2.412	2.690	
46	.850	1.300	1.679	2.013	2.410	2.687	
47	.849	1.300	1.678	2.012	2.408	2.685	
48	.849	1.299	1.677	2.011	2.407	2.682	
49	.849	1.299	1.677	2.010	2.405	2.680	
50	.849	1.299	1.676	2.009	2.403	2.678	
51	.849	1.298	1.675	2.008	2.402	2.676	
52	.849	1.298	1.675	2.007	2.400	2.674	
53	.848	1.298	1.674	2.006	2.399	2.672	
54	.848	1.297	1.674	2.005	2.397	2.670	
55	.848	1.297	1.673	2.004	2.396	2.668	
56	.848	1.297	1.673	2.003	2.395	2.667	
57	.848	1.297	1.672	2.002	2.394	2.665	
58	.848	1.296	1.672	2.002	2.392	2.663	
59	.848	1.296	1.671	2.001	2.391	2.662	
60	.848	1.296	1.671	2.000	2.390	2.660	
61	.848	1.296	1.670	2.000	2.389	2.659	
62	.847	1.295	1.670	1.999	2.388	2.657	
63	.847	1.295	1.669	1.998	2.387	2.656	
64	.847	1.295	1.669	1.998	2.386	2.655	
65	.847	1.295	1.669	1.997	2.385	2.654	
66	.847	1.295	1.668	1.997	2.384	2.652	
67	.847	1.294	1.668	1.996	2.383	2.651	
68	.847	1.294	1.668	1.995	2.382	2.650	
69	.847	1.294	1.667	1.995	2.382	2.649	
70	.847	1.294	1.667	1.994	2.381	2.648	
71	.847	1.294	1.667	1.994	2.380	2.647	
72	.847	1.293	1.666	1.993	2.379	2.646	
73	.847	1.293	1.666	1.993	2.379	2.645	
74	.847	1.293	1.666	1.993	2.378	2.644	
75	.846	1.293	1.665	1.992	2.377	2.643	
76	.846	1.293	1.665	1.992	2.376	2.642	
77	.846	1.293	1.665	1.991	2.376	2.641	
78	.846	1.292	1.665	1.991	2.375	2.640	
79	.846	1.292	1.664	1.990	2.374	2.639	

t DISTRIBUTION (Continued)

Degrees of Freedom	Area in Upper Tail						
	.20	.10	.05	.025	.01	.005	
80	.846	1.292	1.664	1.990	2.374	2.639	
81	.846	1.292	1.664	1.990	2.373	2.638	
82	.846	1.292	1.664	1.989	2.373	2.637	
83	.846	1.292	1.663	1.989	2.372	2.636	
84	.846	1.292	1.663	1.989	2.372	2.636	
85	.846	1.292	1.663	1.988	2.371	2.635	
86	.846	1.291	1.663	1.988	2.370	2.634	
87	.846	1.291	1.663	1.988	2.370	2.634	
88	.846	1.291	1.662	1.987	2.369	2.633	
89	.846	1.291	1.662	1.987	2.369	2.632	
90	.846	1.291	1.662	1.987	2.368	2.632	
91	.846	1.291	1.662	1.986	2.368	2.631	
92	.846	1.291	1.662	1.986	2.368	2.630	
93	.846	1.291	1.661	1.986	2.367	2.630	
94	.845	1.291	1.661	1.986	2.367	2.629	
95	.845	1.291	1.661	1.985	2.366	2.629	
96	.845	1.290	1.661	1.985	2.366	2.628	
97	.845	1.290	1.661	1.985	2.365	2.627	
98	.845	1.290	1.661	1.984	2.365	2.627	
99	.845	1.290	1.660	1.984	2.364	2.626	
100	.845	1.290	1.660	1.984	2.364	2.626	
∞	.842	1.282	1.645	1.960	2.326	2.576	