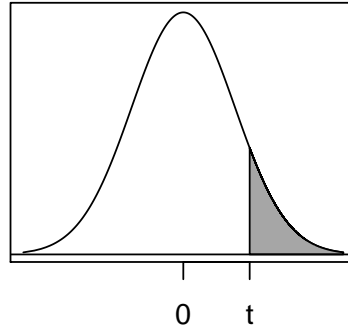# t Distribution

t-values for selected UPPER TAIL probabilities are shown in the following table:

df	.10	.05	.025	.01	.005	
		90%	**95%**		**99%**	← For **this** CI
	.10	.05	.025	.01	.005	← Upper tail probability
1	3.078	6.314	12.706	31.821	63.657	
2	1.886	2.920	4.303	6.965	9.925	
3	1.638	2.353	3.182	4.541	5.841	
4	1.533	2.132	2.776	3.747	4.604	
5	1.476	2.015	2.571	3.365	4.032	
6	1.440	1.943	2.447	3.143	3.707	
7	1.415	1.895	2.365	2.998	3.499	
8	1.397	1.860	2.306	2.896	3.355	
9	1.383	1.833	2.262	2.821	3.250	
10	1.372	1.812	2.228	2.764	3.169	
11	1.363	1.796	2.201	2.718	3.106	
12	1.356	1.782	2.179	2.681	3.055	
13	1.350	1.771	2.160	2.650	3.012	
14	1.345	1.761	2.145	2.624	2.977	
15	1.341	1.753	2.131	2.602	2.947	
16	1.337	1.746	2.120	2.583	2.921	
17	1.333	1.740	2.110	2.567	2.898	
18	1.330	1.734	2.101	2.552	2.878	
19	1.328	1.729	2.093	2.539	2.861	
20	1.325	1.725	2.086	2.528	2.845	
21	1.323	1.721	2.080	2.518	2.831	
22	1.321	1.717	2.074	2.508	2.819	
23	1.319	1.714	2.069	2.500	2.807	
24	1.318	1.711	2.064	2.492	2.797	
25	1.316	1.708	2.060	2.485	2.787	
26	1.315	1.706	2.056	2.479	2.779	
27	1.314	1.703	2.052	2.473	2.771	
28	1.313	1.701	2.048	2.467	2.763	
29	1.311	1.699	2.045	2.462	2.756	
30	1.310	1.697	2.042	2.457	2.750	
40	1.303	1.684	2.021	2.423	2.704	
50	1.299	1.676	2.009	2.403	2.678	
60	1.296	1.671	2.000	2.390	2.660	
70	1.294	1.667	1.994	2.381	2.648	
80	1.292	1.664	1.990	2.374	2.639	
90	1.291	1.662	1.987	2.368	2.632	
100	1.290	1.660	1.984	2.364	2.626	
∞	1.282	1.645	1.960	2.326	2.576	← Same as **z-values**