

PERCENTAGE POINTS OF THE T DISTRIBUTION

Tail Probabilities

One Tail		0.10	0.05	0.025	0.01	0.005	0.001	0.0005		
Two Tails		0.20	0.10	0.05	0.02	0.01	0.002	0.001		
D E G R E E S O F F R E E D O M	1	3.078	6.314	12.71	31.82	63.66	318.3	637		1
	2	1.886	2.920	4.303	6.965	9.925	22.330	31.6		2
	3	1.638	2.353	3.182	4.541	5.841	10.210	12.92		3
	4	1.533	2.132	2.776	3.747	4.604	7.173	8.610		4
	5	1.476	2.015	2.571	3.365	4.032	5.893	6.869		5
	6	1.440	1.943	2.447	3.143	3.707	5.208	5.959		6
	7	1.415	1.895	2.365	2.998	3.499	4.785	5.408		7
	8	1.397	1.860	2.306	2.896	3.355	4.501	5.041		8
	9	1.383	1.833	2.262	2.821	3.250	4.297	4.781		9
	10	1.372	1.812	2.228	2.764	3.169	4.144	4.587		10
	11	1.363	1.796	2.201	2.718	3.106	4.025	4.437		11
	12	1.356	1.782	2.179	2.681	3.055	3.930	4.318		12
	13	1.350	1.771	2.160	2.650	3.012	3.852	4.221		13
	14	1.345	1.761	2.145	2.624	2.977	3.787	4.140		14
	15	1.341	1.753	2.131	2.602	2.947	3.733	4.073		15
	16	1.337	1.746	2.120	2.583	2.921	3.686	4.015		16
	17	1.333	1.740	2.110	2.567	2.898	3.646	3.965		17
	18	1.330	1.734	2.101	2.552	2.878	3.610	3.922		18
	19	1.328	1.729	2.093	2.539	2.861	3.579	3.883		19
	20	1.325	1.725	2.086	2.528	2.845	3.552	3.850		20
	21	1.323	1.721	2.080	2.518	2.831	3.527	3.819		21
	22	1.321	1.717	2.074	2.508	2.819	3.505	3.792		22
	23	1.319	1.714	2.069	2.500	2.807	3.485	3.768		23
	24	1.318	1.711	2.064	2.492	2.797	3.467	3.745		24
	25	1.316	1.708	2.060	2.485	2.787	3.450	3.725		25
	26	1.315	1.706	2.056	2.479	2.779	3.435	3.707		26
	27	1.314	1.703	2.052	2.473	2.771	3.421	3.690		27
	28	1.313	1.701	2.048	2.467	2.763	3.408	3.674		28
	29	1.311	1.699	2.045	2.462	2.756	3.396	3.659		29
	30	1.310	1.697	2.042	2.457	2.750	3.385	3.646		30
	32	1.309	1.694	2.037	2.449	2.738	3.365	3.622		32
	34	1.307	1.691	2.032	2.441	2.728	3.348	3.601		34
	36	1.306	1.688	2.028	2.434	2.719	3.333	3.582		36
	38	1.304	1.686	2.024	2.429	2.712	3.319	3.566		38
	40	1.303	1.684	2.021	2.423	2.704	3.307	3.551		40
	42	1.302	1.682	2.018	2.418	2.698	3.296	3.538		42
	44	1.301	1.680	2.015	2.414	2.692	3.286	3.526		44
	46	1.300	1.679	2.013	2.410	2.687	3.277	3.515		46
	48	1.299	1.677	2.011	2.407	2.682	3.269	3.505		48
	50	1.299	1.676	2.009	2.403	2.678	3.261	3.496		50
	55	1.297	1.673	2.004	2.396	2.668	3.245	3.476		55
	60	1.296	1.671	2.000	2.390	2.660	3.232	3.460		60
	65	1.295	1.669	1.997	2.385	2.654	3.220	3.447		65
	70	1.294	1.667	1.994	2.381	2.648	3.211	3.435		70
	80	1.292	1.664	1.990	2.374	2.639	3.195	3.416		80
	100	1.290	1.660	1.984	2.364	2.626	3.174	3.390		100
	150	1.287	1.655	1.976	2.351	2.609	3.145	3.357		150
	200	1.286	1.653	1.972	2.345	2.601	3.131	3.340		200
Two Tails		0.20	0.10	0.05	0.02	0.01	0.002	0.001		
One Tail		0.10	0.05	0.025	0.01	0.005	0.001	0.0005		
Tail Probabilities										

This table was calculated by APL programs written by [William Knight](#). The format of the table is adapted from a table constructed by Drake Bradley, Department of Psychology, Bates College, Lewiston-Ashburn, Maine, U.S.A.