

**t Distribution: Critical Values of t**

<i>Degrees of freedom</i>	<i>Two-tailed test: One-tailed test:</i>	<i>Significance level</i>					
		10% 5%	5% 2.5%	2% 1%	1% 0.5%	0.2% 0.1%	0.1% 0.05%
<b>1</b>		6.314	12.706	31.821	63.657	318.309	636.619
<b>2</b>		2.920	4.303	6.965	9.925	22.327	31.599
<b>3</b>		2.353	3.182	4.541	5.841	10.215	12.924
<b>4</b>		2.132	2.776	3.747	4.604	7.173	8.610
<b>5</b>		2.015	2.571	3.365	4.032	5.893	6.869
<b>6</b>		1.943	2.447	3.143	3.707	5.208	5.959
<b>7</b>		1.894	2.365	2.998	3.499	4.785	5.408
<b>8</b>		1.860	2.306	2.896	3.355	4.501	5.041
<b>9</b>		1.833	2.262	2.821	3.250	4.297	4.781
<b>10</b>		1.812	2.228	2.764	3.169	4.144	4.587
<b>11</b>		1.796	2.201	2.718	3.106	4.025	4.437
<b>12</b>		1.782	2.179	2.681	3.055	3.930	4.318
<b>13</b>		1.771	2.160	2.650	3.012	3.852	4.221
<b>14</b>		1.761	2.145	2.624	2.977	3.787	4.140
<b>15</b>		1.753	2.131	2.602	2.947	3.733	4.073
<b>16</b>		1.746	2.120	2.583	2.921	3.686	4.015
<b>17</b>		1.740	2.110	2.567	2.898	3.646	3.965
<b>18</b>		1.734	2.101	2.552	2.878	3.610	3.922
<b>19</b>		1.729	2.093	2.539	2.861	3.579	3.883
<b>20</b>		1.725	2.086	2.528	2.845	3.552	3.850
<b>21</b>		1.721	2.080	2.518	2.831	3.527	3.819
<b>22</b>		1.717	2.074	2.508	2.819	3.505	3.792
<b>23</b>		1.714	2.069	2.500	2.807	3.485	3.768
<b>24</b>		1.711	2.064	2.492	2.797	3.467	3.745
<b>25</b>		1.708	2.060	2.485	2.787	3.450	3.725
<b>26</b>		1.706	2.056	2.479	2.779	3.435	3.707
<b>27</b>		1.703	2.052	2.473	2.771	3.421	3.690
<b>28</b>		1.701	2.048	2.467	2.763	3.408	3.674
<b>29</b>		1.699	2.045	2.462	2.756	3.396	3.659
<b>30</b>		1.697	2.042	2.457	2.750	3.385	3.646
<b>32</b>		1.694	2.037	2.449	2.738	3.365	3.622
<b>34</b>		1.691	2.032	2.441	2.728	3.348	3.601
<b>36</b>		1.688	2.028	2.434	2.719	3.333	3.582
<b>38</b>		1.686	2.024	2.429	2.712	3.319	3.566
<b>40</b>		1.684	2.021	2.423	2.704	3.307	3.551
<b>42</b>		1.682	2.018	2.418	2.698	3.296	3.538
<b>44</b>		1.680	2.015	2.414	2.692	3.286	3.526
<b>46</b>		1.679	2.013	2.410	2.687	3.277	3.515
<b>48</b>		1.677	2.011	2.407	2.682	3.269	3.505
<b>50</b>		1.676	2.009	2.403	2.678	3.261	3.496
<b>60</b>		1.671	2.000	2.390	2.660	3.232	3.460
<b>70</b>		1.667	1.994	2.381	2.648	3.211	3.435
<b>80</b>		1.664	1.990	2.374	2.639	3.195	3.416
<b>90</b>		1.662	1.987	2.368	2.632	3.183	3.402
<b>100</b>		1.660	1.984	2.364	2.626	3.174	3.390
<b>120</b>		1.658	1.980	2.358	2.617	3.160	3.373
<b>150</b>		1.655	1.976	2.351	2.609	3.145	3.357
<b>200</b>		1.653	1.972	2.345	2.601	3.131	3.340
<b>300</b>		1.650	1.968	2.339	2.592	3.118	3.323
<b>400</b>		1.649	1.966	2.336	2.588	3.111	3.315
<b>500</b>		1.648	1.965	2.334	2.586	3.107	3.310
<b>600</b>		1.647	1.964	2.333	2.584	3.104	3.307
<b>∞</b>		1.645	1.960	2.326	2.576	3.090	3.291