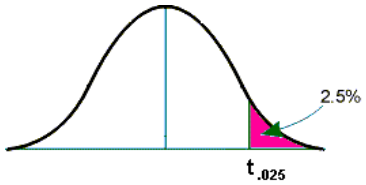
Appendix E – t Distribution Table



Example: If you are using a two-tail test at 5% level of significance with 25 degrees of freedom, look for the t value under column 0.025 and 25 degrees of freedom row. The t value for this = 2.0595. If your using a one tail test at 5% level of significance with 25 degrees of freedom, look for the t value under column 0.05 and 25 degrees of freedom row. The t value for this =1.7081

Upper t Value										
Degrees of freedom	0.4	0.25	0.1	0.05	0.025	0.01	0.005	0.0025	0.001	0.0005
1	0.3249	1.0000	3.0777	6.3137	12.7062	31.8210	63.6559	127.3211	318.2888	636.5776
2	0.2887	0.8165	1.8856	2.9200	4.3027	6.9645	9.9250	14.0892	22.3285	31.5998
3	0.2767	0.7649	1.6377	2.3534	3.1824	4.5407	5.8408	7.4532	10.2143	12.9244
4	0.2707	0.7407	1.5332	2.1318	2.7765	3.7469	4.6041	5.5975	7.1729	8.6101
5	0.2672	0.7267	1.4759	2.0150	2.5706	3.3649	4.0321	4.7733	5.8935	6.8685
6	0.2648	0.7176	1.4398	1.9432	2.4469	3.1427	3.7074	4.3168	5.2075	5.9587
7	0.2632	0.7111	1.4149	1.8946	2.3646	2.9979	3.4995	4.0294	4.7853	5.4081
8	0.2619	0.7064	1.3968	1.8595	2.3060	2.8965	3.3554	3.8325	4.5008	5.0414
9	0.2610	0.7027	1.3830	1.8331	2.2622	2.8214	3.2498	3.6896	4.2969	4.7809
10	0.2602	0.6998	1.3722	1.8125	2.2281	2.7638	3.1693	3.5814	4.1437	4.5868
11	0.2596	0.6974	1.3634	1.7959	2.2010	2.7181	3.1058	3.4966	4.0248	4.4369
12	0.2590	0.6955	1.3562	1.7823	2.1788	2.6810	3.0545	3.4284	3.9296	4.3178
13	0.2586	0.6938	1.3502	1.7709	2.1604	2.6503	3.0123	3.3725	3.8520	4.2209
14	0.2582	0.6924	1.3450	1.7613	2.1448	2.6245	2.9768	3.3257	3.7874	4.1403
15	0.2579	0.6912	1.3406	1.7531	2.1315	2.6025	2.9467	3.2860	3.7329	4.0728
16	0.2576	0.6901	1.3368	1.7459	2.1199	2.5835	2.9208	3.2520	3.6861	4.0149
17	0.2573	0.6892	1.3334	1.7396	2.1098	2.5669	2.8982	3.2224	3.6458	3.9651
18	0.2571	0.6884	1.3304	1.7341	2.1009	2.5524	2.8784	3.1966	3.6105	3.9217
19	0.2569	0.6876	1.3277	1.7291	2.0930	2.5395	2.8609	3.1737	3.5793	3.8833
20	0.2567	0.6870	1.3253	1.7247	2.0860	2.5280	2.8453	3.1534	3.5518	3.8496
21	0.2566	0.6864	1.3232	1.7207	2.0796	2.5176	2.8314	3.1352	3.5271	3.8193
22	0.2564	0.6858	1.3212	1.7171	2.0739	2.5083	2.8188	3.1188	3.5050	3.7922
23	0.2563	0.6853	1.3195	1.7139	2.0687	2.4999	2.8073	3.1040	3.4850	3.7676
24	0.2562	0.6848	1.3178	1.7109	2.0639	2.4922	2.7970	3.0905	3.4668	3.7454
25	0.2561	0.6844	1.3163	1.7081	2.0595	2.4851	2.7874	3.0782	3.4502	3.7251
26	0.2560	0.6840	1.3150	1.7056	2.0555	2.4786	2.7787	3.0669	3.4350	3.7067
27	0.2559	0.6837	1.3137	1.7033	2.0518	2.4727	2.7707	3.0565	3.4210	3.6895
28	0.2558	0.6834	1.3125	1.7011	2.0484	2.4671	2.7633	3.0470	3.4082	3.6739
29	0.2557	0.6830	1.3114	1.6991	2.0452	2.4620	2.7564	3.0380	3.3963	3.6595
30	0.2556	0.6828	1.3104	1.6973	2.0423	2.4573	2.7500	3.0298	3.3852	3.6460
40	0.2550	0.6807	1.3031	1.6839	2.0211	2.4233	2.7045	2.9712	3.3069	3.5510
60	0.2545	0.6786	1.2958	1.6706	2.0003	2.3901	2.6603	2.9146	3.2317	3.4602
120	0.2539	0.6765	1.2886	1.6576	1.9799	2.3578	2.6174	2.8599	3.1595	3.3734
1000	0.2534	0.6747	1.2824	1.6464	1.9623	2.3301	2.5807	2.8133	3.0984	3.3002