			ABV	ABV		IBU	IBU	IBU	SRM			OG	OG	OG	°P							Relative									
Style	Category	#	Low	High	ABV Avg[3]	Low	High	Avg	Low Si	RM	SRM Ava[9]	Low	High [11]	Avg [12]	Avg [13]	FG	FG High	FG Ava	°P Ava		BU:GU [15]	Bitterness [16]	RDF[17]		RE (SG)	RE (°P) [20]	BU:RE (°P)	BU:REU (SG)[21]	BU:FG B	~ ~ ~	BU:FG (SG)
Lite American Lager	Light Lager	01A	2.8	4.2	3.5	8	12	10	2	3	2.5	1.028	1.04	1.034	8.52	0.998	1.008	1.003	0.77	90.90%	0.294	0.336	74.47%	2008	1.009	2.174		1.16	12.9	3.3	10.0
Standard American Lager	Light Lager	01B	4.2	5.3	4.75	8	15	11.5	2	4	3	1.04	1.05	1.045	11.15	1.004	1.01	1.007	1.80	83.86%	0.256	0.274	68.70%	2008	1.014	3.491	3.3	0.83	6.4	1.6	11.4
Premium American Lager	Light Lager	01C	4.6	6	5.3	15	25	20	2	6	4	1.046	1.056	1.051	12.57	1.008	1.012	1.01	2.56	79.60%	0.392	0.404	65.21%	2008	1.017	4.373	4.6	1.15	7.8	2.0	19.8
Munich Helles	Light Lager	01D	4.7	5.4	5.05	16	22	19	3	5	4	1.045	1.051	1.048	11.86	1.008	1.012	1.01	2.56	78.38%	0.396	0.403	64.21%	2008	1.017	4.245		1.13	7.4	1.9	18.8
Dortmunder Export	Light Lager	01E	4.8	6	5.4	23	30	26.5	4	6	5	1.048	1.056	1.052	12.80	1.01	1.015	1.0125	3.20	75.02%	0.510	0.502	61.46%	2008	1.020	4.934	5.4	1.35	8.3	2.1	26.2
German Pilsner (Pils)	Pilsner	02A	4.4	5.2	4.8	25	45	35	2	5	3.5	1.044	1.05	1.047	11.63	1.008		1.0105		76.85%	0.745	0.747	62.96%	2008	1.017	4.307	8.1	2.05	13.0	3.3	34.6
Bohemian Pilsener	Pilsner	02B	4.2	5.4	4.8	35	45 40	40 32.5	3.5	6	4.75 4.5	1.044	1.056	1.050	12.33	1.013	1.017	1.015		75.02%	0.800	0.739	56.50%	2008	1.021	5.365		1.88	10.5	2.7	39.4
Classic American Pilsner Vienna Lager	Pilsner EuropeanAmber Lager	02C 03A	4.5 4.5	5.5	5.25	25 18	30	32.5	3 10	6 16	13	1.044	1.052	1.052	12.80	1.01	1.015	1.0125		75.02%	0.625	0.615 0.480	61.46% 61.12%	2008 2008	1.020 1.019	4.934 4.703	6.6	1.65 1.28	10.2 7.8	2.6	32.1 23.7
Oktoberfest/Märzen	EuropeanAmber Lager	03B	4.8	5.7	5.25	20	28	24	7	14	10.5	1.040	1.052	1.054	13.15	1.012	1.014	1.012		72.81%	0.449	0.432		2008	1.019	5.307			6.7	1.7	23.7
Dark American Lager	Dark Lager	04A	4.2	6	5.1	8	20	14	14	22	18	1.044	1.056	1.050	12.33	1.008	1.012		2.56	79.21%	0.280	0.287	64.89%	2008	1.017	4.331	3.2	0.81	5.5	1.4	13.9
Munich Dunkel	Dark Lager	04B	4.5	5.6	5.05	18	28	23	14	28	21	1.048	1.056	1.052	12.80	1.01	1.016	1.013	3.32	74.04%	0.442	0.431	60.65%	2008	1.020	5.038	4.6	1.15	6.9	1.8	22.7
Schwarzbier (Black Beer)	Dark Lager	04C	4.4	5.4	4.9	22	32	27	17	30	23.5	1.046	1.052	1.049	12.10	1.01	1.016	1.013	3.32	72.53%	0.551	0.529	59.41%	2008	1.020	4.910	5.5	1.38	8.1	2.1	26.7
Maibock/Helles Bock	Bock	05A	6.3	7.4	6.85	23	35	29	6	11	8.5	1.064	1.072	1.068	16.49	1.011	1.018	1.0145	3.70	77.55%	0.426	0.431	63.53%	2008	1.024	6.014	4.8	1.20	7.8	2.0	28.6
Traditional Bock	Bock	05B	6.3	7.2	6.75	20	27	23.5	14	22	18	1.064	1.072	1.068	16.49	1.013	1.019	1.016	4.08	75.27%	0.346	0.341	61.66%	2008	1.025	6.323	3.7	0.93	5.8	1.5	23.1
Doppelbock	Bock	05C	7	10	8.5	16	26	21	6	25	15.5	1.072	1.112	1.092	21.82	1.016	1.024		5.08	76.73%	0.228	0.229	62.85%	2008	1.033	8.105		0.64	4.1	1.1	20.6
Eisbock	Bock	05D	9	14	11.5	25	35	30	18	30	24	1.078	1.12	1.099	23.33	1.02	1.035	1.0275	6.93	70.29%	0.303	0.284	57.58%	2008	1.040	9.897	3.0	0.74	4.3	1.1	29.2
Cream Ale	Light Hybrid Beer	06A	4.2	5.6	4.9	15	20	17.5	2.5	5	3.75	1.042	1.055	1.049	11.98	1.006	1.012		2.31	80.72%	0.361	0.376	66.12%	2008	1.016	4.059	4.3		7.6	1.9	17.3
Blonde Ale	Light Hybrid Beer	06B	3.8	5.5	4.65	15	28	21.5	3	6	4.5	1.038	1.054	1.046	11.39	1.008	1.010	1.0105	2.00	76.37%	0.467	0.467	62.56%	2008	1.017	4.264	5.0	1.27	8.0	2.0	21.3
Kölsch	Light Hybrid Beer	06C	4.4	5.2	4.8	20	30	25	3.5	5	4.25	1.044	1.05	1.047	11.63	1.007	1.011	1.009		80.13%	0.532	0.551	65.64%	2008	1.016	3.995		1.58	10.8	2.8	24.8
American Wheat or Rye Beer Northern German Altbier	Light Hybrid Beer Amber Hybrid Beer	06D 07A	4.5	5.5	4.75 4.85	15 25	30 40	22.5 32.5	13	6 19	4.5 16	1.04	1.055	1.048	11.74 12.33	1.008	1.013	1.0105	2.69	77.09% 74.07%	0.474	0.476 0.634	63.15% 60.68%	2008	1.017	4.328	5.2 6.7	1.31	8.4 10.2	2.1	22.3 32.1
California Common Beer	Amber Hybrid Beer Amber Hybrid Beer	07A	4.5	5.2	4.85	30	40	37.5	10	19	12	1.046	1.054	1.050	12.33	1.01		1.0125		74.07%	0.650	0.634	61.08%	2008	1.019	4.849	7.7	1.69	10.2	3.0	37.0
Düsseldorf Altbier	Amber Hybrid Beer	07C	4.5	5.2	4.85	35	50	42.5	11	17	14	1.046	1.054	1.050	12.33	1.011		1.0125		74.07%	0.733	0.721	60.68%	2008	1.019	4.849	8.8	2.20	13.3	3.4	42.0
Standard/Ordinary Bitter	English Pale Ale	08A	3.2	3.8	3.5	25	35	30	4	14	9	1.032	1.034	1.036	9.00	1.007	1.013	1.009		74.33%	0.833	0.815	60.89%	2008	1.013	3.520	8.5	2.16	13.0	3.3	29.7
Special/Best/Premium Bitter	English Pale Ale	08B	3.8	4.6	4.2	25	40	32.5	5	16	10.5	1.04	1.048	1.044	10.92	1.008	1.012	1.01		76.51%	0.739	0.738	62.68%	2008	1.016	4.074	8.0	2.01	12.7	3.3	32.2
Extra Special/Strong Bitter	English Pale Ale	08C	4.6	6.2	5.4	30	50	40	6	18	12	1.048	1.06	1.054	13.27	1.01	1.016	1.013		74.95%	0.741	0.729	61.40%	2008	1.020	5.122	7.8	1.96	12.0	3.1	39.5
Scottish Light 60/-	Scottish And Irish Ale	09A	2.5	3.2	2.85	10	20	15	9	17	13	1.03	1.035	1.033	8.15	1.01	1.013	1.0115	2.94	63.88%	0.462	0.403	52.33%	2008	1.015	3.886	3.9	0.98	5.1	1.3	14.8
Scottish Heavy 70/-	Scottish And Irish Ale	09B	3.2	3.9	3.55	10	25	17.5	9	17	13	1.035	1.04	1.038	9.36	1.01	1.015	1.0125	3.20	65.84%	0.467	0.417	53.94%	2008	1.017	4.312	4.1	1.03	5.5	1.4	17.3
Scottish Export 80/-	Scottish And Irish Ale	09C	3.9	5	4.45	15	30	22.5	9	17	13	1.04	1.054	1.047	11.63	1.01	1.016	1.013	3.32	71.41%	0.479	0.454	58.50%	2008	1.019	4.825	4.7	1.18	6.8	1.7	22.2
Irish Red Ale	Scottish And Irish Ale	09D	4	6	5	17	28	22.5	9	18	13.5	1.044	1.06	1.052	12.80	1.01	1.014		3.07	76.01%	0.433	0.430	62.27%	2008	1.019	4.831	4.7	1.17	7.3	1.9	22.2
Strong Scotch Ale	Scottish And Irish Ale	09E	6.5	10	8.25	17	35	26	14	25	19.5	1.07	1.13	1.100	23.55	1.018	1.056		9.24	60.75%	0.260	0.219	49.77%	2008	1.048	11.827	2.2	0.54	2.8	0.7	25.1
American Pale Ale	American Ale	10A	4.5	6	5.25	30	45	37.5	5	14	9.5	1.045	1.06	1.053	12.92	1.01		1.0125		75.25%	0.714	0.705	61.64%	2008	1.020	4.955		1.90	11.7	3.0	37.0
American Amber Ale	American Ale	10B	4.5	6	5.25	25 20	40	32.5	10	17 35	13.5	1.045	1.06	1.053	12.92	1.01		1.0125		75.25%	0.619	0.611	61.64%	2008	1.020	4.955 5.059		1.65	10.2	2.6	32.1
American Brown Ale Mild	American Ale English Brown Ale	10C 11A	4.3 2.8	6.2 4.5	5.25 3.65	10	25	30 17.5	18 12	25	26.5 18.5	1.045	1.06	1.053	12.92 8.52	1.01	1.016	1.013		74.27% 68.40%	0.571	0.558	60.84% 56.03%	2008	1.020	3.744	0.0	1.49 1.19	9.0 6.5	2.3	29.6 17.3
Southern English Brown Ale	English Brown Ale	11B	2.8	4.5	3.45	12	20	17.5	19	35	27	1.033	1.036	1.034	9.36	1.006		1.0105	3.20	65.40%	0.515	0.473	53.94%	2008	1.015	4.312	3.7	0.94	5.0	1.7	15.8
Northern English Brown Ale	English Brown Ale	11C	4.2	5.4	4.8	20	30	25	12	22	17	1.033	1.052	1.036	11.39	1.008		1.0105		76.37%	0.543	0.543	62.56%	2008	1.017	4.264	5.9		9.3	2.4	24.7
Brown Porter	Porter	12A	4.2	5.4	4.7	18	35	26.5	20	30	25	1.04	1.052	1.046	11.39	1.008	1.014		2.82	75.26%	0.576	0.569	61.65%	2008	1.017	4.368	6.1	1.53	9.4	2.4	26.2
Robust Porter	Porter	12B	4.8	6.5	5.65	25	50	37.5	22	35	28.5	1.048	1.065	1.057	13.85	1.012	1.016		3.58	74.18%	0.664	0.648	60.77%	2008	1.022	5.434		1.73	10.5	2.7	37.0
Baltic Porter	Porter	12C	5.5	9.5	7.5	20	40	30	17	30	23.5	1.06	1.09	1.075	18.07	1.016	1.024	1.02	5.08	71.90%	0.400	0.381	58.90%	2008	1.030	7.427	4.0	1.00	5.9	1.5	29.4
Dry Stout	Stout	13A	4	5	4.5	30	45	37.5	25	40	32.5	1.036	1.05	1.043	10.68	1.007	1.011	1.009	2.31	78.36%	0.872	0.888	64.20%	2008	1.015	3.823	9.8	2.48	16.2	4.2	37.2
Sweet Stout	Stout	13B	4	6	5	20	40	30	30	40	35	1.044	1.06	1.052	12.80	1.012	1.024	1.018	4.58	64.23%	0.577	0.506	52.62%	2008	1.024	6.066	4.9		6.6	1.7	29.5
Oatmeal Stout	Stout	13C	4.2	5.9	5.05	25	40	32.5	22	40	31	1.048	1.065	1.057	13.85	1.01	1.018	1.014		74.18%	0.575	0.562	60.77%	2008	1.022	5.434			9.1	2.3	32.1
Foreign Extra Stout	Stout	13D	5.5	8	6.75	30	70	50	30	40	35	1.056	1.075	1.066	15.92	1.01	1.018	1.014		77.54%	0.763	0.771	63.52%	2008	1.023	5.808	8.6		14.0	3.6	49.3
American Stout	Stout	13E	5	7	6	35	75	55	30	40	35	1.05	1.075	1.063	15.24	1.01	1.022		4.08	73.23%	0.880	0.851	59.99%	2008	1.024	6.096	9.0	2.25	13.5	3.4	54.1
Imperial Stout	Stout India Pale Ale (IPA)	13F 14A	8 5	7.5	10 6.25	50 40	90 60	70 50	30	40 14	35 11	1.075	1.115	1.095	22.47 15.24	1.018	1.03	1.024	6.07	72.99% 76.53%	0.737	0.711	59.79% 62.69%	2008	1.037	9.035 5.684		1.90	11.5 14.0	2.9	68.4 49.3
English IPA American IPA	India Pale Ale (IPA)	14A	5.5	7.5	6.5	40	70	55	8	15	10.5	1.056	1.075	1.066	15.24	1.01	1.018	1.014		77.54%	0.840	0.848	63.52%	2008	1.023	5.808			15.4	3.9	54.2
Imperial IPA	India Pale Ale (IPA)	14C	7.5	10	8.75	60	120	90	8	15	11.5	1.075	1.075	1.000	19.74	1.01	1.018	1.015		80.61%	1.091	1 135	66.03%	2008	1.023	6.704		2.30	23.5	6.0	88.7
Weizen/Weissbier	German Wheat And Rve	15A	4.3	5.6	4.95	8	15	11.5	2	8	5	1.044	1.052	1.048	11.86	1.01	1.014	1.013		74.11%	0.240	0.234	60.71%	2008	1.019	4.661	2.5	0.62	3.7	1.0	11.4
Dunkelweizen	German Wheat And Rye	15B	4.3	5.6	4.95	10	18	14	14	23	18.5	1.044	1.056	1.050	12.33	1.01	1.014	1.012		75.10%	0.280	0.276	61.52%	2008	1.019	4.746	3.0	0.74	4.6	1.2	13.8
Weizenbock	German Wheat And Rye	15C	6.5	8	7.25	15	30	22.5	12	25	18.5	1.064	1.09	1.077	18.52	1.015	1.022	1.0185	4.70	74.59%	0.292	0.286	61.11%	2008	1.029	7.202	3.1	0.77	4.8	1.2	22.1
Roggenbier (German Rye)	German Wheat And Rye	15D	4.5	6	5.25	10	20	15	14	19	16.5	1.046	1.056	1.051	12.57	1.01	1.014	1.012	3.07	75.56%	0.294	0.291	61.90%	2008	1.019	4.788	3.1	0.79	4.9	1.3	14.8
Witbier	Belgian And French Ale	16A	4.5	5.5	5	10	20	15	2	4	3	1.044	1.052	1.048	11.86	1.008	1.012		2.56	78.38%	0.313	0.318	64.21%	2008	1.017	4.245	3.5	0.89	5.8	1.5	14.9
Belgian Pale Ale	Belgian And French Ale	16B	4.8	5.5	5.15	20	30	25	8	14	11	1.048	1.054	1.051	12.57	1.01	1.014	1.012		75.56%	0.490	0.485	61.90%	2008	1.019	4.788		1.31	8.1	2.1	24.7
Saison	Belgian And French Ale	16C	5	7	6	20	35	27.5	5	14	9.5	1.048	1.065	1.057	13.85	1.002	1.012		1.80	87.00%	0.487	0.538	71.27%	2008	1.016	3.979	6.9	1.72	15.3	3.9	27.3
Bière de Garde	Belgian And French Ale	16D	6	8.5	7.25	18	28	23	6	19	12.5	1.06	1.08	1.070	16.94	1.008	1.016	1.012		81.87%	0.329	0.346	67.07%	2008	1.022	5.579	4.1	1.02	7.5	1.9	22.7
Berliner Weisse	Sour Ale	17A	2.8	3.8	3.3	3	8	5.5	2	3	2.5	1.028	1.032	1.030	7.54	1.003	1.000	1.0045	1.10	84.62%	0.183	0.198	69.32%	2008	1.009	2.314	2.4	0.60	4.7	1.2	5.5
Flanders Red Ale Flanders Brown Ale/Oud	Sour Ale	17B	4.6	6.5	5.55	10	25	17.5	10	16	13	1.048	1.057	1.053	12.92	1.002	1.012	1.007	1.80	86.06%	0.333	0.365	70.50%	2008	1.015	3.811	4.6	1.15	9.7	2.5	17.4
Bruin	Sour Ale	17C	4	R	6	20	25	22.5	15	22	18.5	1.04	1.074	1.057	13.97	1.008	1.012	1.01	2.56	81.64%	0.395	0.415	66.88%	2008	1.018	4.626	4.9	1.22	8.8	2.3	22.3
Straight (Unblended) Lambic	Sour Ale	17D	5	6.5	5.75	0	10	5	3	7	5	1.04	1.054	1.047	11.63	1.000		1.0055		87.81%	0.106	0.413	71.94%	2008	1.013	3.263	1.5	0.38	3.5	0.9	5.0
Gueuze	Sour Ale	17E	5	8	6.5	0	10	5	3	7	5	1.04	1.06	1.050	12.33	1	1.006	1.003		93.72%	0.100	0.117	76.77%	2008	1.011	2.864		0.43	6.5	1.7	5.0
Fruit Lambic	Sour Ale	17F	5	7	6	0	10	5	3	7	5	1.04	1.06	1.050	12.33	1	1.01	1.005	1.29	89.55%	0.100	0.113	73.36%	2008	1.013	3.285	1.5	0.38	3.9	1.0	5.0
Belgian Blond Ale	Belgian Strong Ale	18A	6	7.5	6.75	15	30	22.5	4	7	5.5	1.062	1.075	1.069	16.60	1.008	1.018	1.013	3.32	79.98%	0.328	0.340	65.52%	2008	1.023	5.725	3.9	0.98	6.8	1.7	22.2
Belgian Dubbel	Belgian Strong Ale	18B	6	7.6	6.8	15	25	20	10	17	13.5	1.062	1.075	1.069	16.60	1.008	1.018	1.013		79.98%	0.292	0.302	65.52%	2008	1.023	5.725	3.5	0.87	6.0	1.5	19.7
Belgian Tripel	Belgian Strong Ale	18C	7.5	9.5	8.5	20	40	30	4.5	7	5.75	1.075	1.085	1.080	19.19	1.008	1.014		2.82	85.31%	0.375	0.408	69.89%	2008	1.023	5.777		1.28	10.6	2.7	29.7
Belgian Golden Strong Ale	Belgian Strong Ale	18D		10.5	9	22	35	28.5	3	6	4.5	1.07	1.095	1.083	19.74	1.005		1.0105		86.37%	0.345	0.379	70.75%	2008	1.024	5.773		1.21	10.6	2.7	28.2
Belgian Dark Strong Ale	Belgian Strong Ale	18E	8	11	9.5	20	35	27.5	12	22	17	1.075	1.11	1.093	21.93	1.01	1.024	1.017		80.26%	0.297	0.308	65.75%	2008	1.031	7.511	3.7	0.90	6.4	1.6	27.0
Old Ale	Strong Ale	19A	6	9	7.5	30	60	45	10	22	16	1.06	1.09	1.075	18.07	1.015		1.0185		73.96%	0.600	0.584	60.59%	2008	1.029	7.121	6.3	1.57	9.6	2.4	44.2
English Barleywine	Strong Ale	19B	8	12	10	35	70	52.5	8	22	15	1.08	1.12		23.55	1.018	1.03	1.024		74.22%	0.525	0.513	60.80%	2008	1.038	9.230			8.6	2.2	51.3
American Barleywine	Strong Ale Smoke-Flavored/Wood-	19C	8	12	10	50	120	85	10	19	14.5	1.08	1.12	1.100	23.55	1.016	1.03	1.023	5.82	75.27%	0.850	0.839	61.66%	2008	1.037	9.027	9.4	2.30	14.6	3.7	83.T
Classic Rauchbier	Aged	22A	4.8	6	5.4	20	30	25	12	22	17	1.05	1.057	1.054	13.15	1.012	1,016	1.014	3,58	72.81%	0.467	0.450	59.65%	2008	1.021	5.307	4.7	1.18	7.0	1.8	24.7
Average Beer	Average Beer		4.95	-				28.60		7.97										76.55%	0.496		62.71%	2008	1.021	5.239		1.3	8.8	2.2	28.2
		220																	2.00			31.02									

Style	Year Category	# ABV	Low	ABV High	ABV Avg	IBU Low	IBU High	IBU Avg	SRM Low	SRM High	SRM Avg	OG Low	OG High	OG Avg	FG Low	FG High	FG Avg	Atten Avg	IBU/OG Avg	IBU/FG Avg	Balance[22]
Belgian Specialty Ale	2008 Belgian And French Ale	16E																			
Fruit Beer	2008 Fruit Beer	20																			
Spice, Herb, or Vegetable Beer	2008 Spice/Herb/Vegetable Beer	21A																			
Christmas/Winter Specialty Spiced Beer	2008 Spice/Herb/Vegetable Beer	21B																			
Other Smoked Beer	2008 Smoke-Flavored/Wood-Aged Beer	22B																			
Wood-Aged Beer	2008 Smoke-Flavored/Wood-Aged Beer	22C																			
Specialty Beer	2008 Specialty Beer	23																			

- 1. Alcohol By Volume Low
- 2. Alcohol By Volume High
- 3. Alcohol By Volume Average
- 4. International Bittering Units Low
- 5. International Bittering Units High
- 6. International Bittering Units Average
- 7. Standard Reference Method (Color) Low
- 8. Standard Reference Method (Color) High
- 9. Standard Reference Method (Color) Average
- 10. Original Gravity Low
- 11. Original Gravity High
- 12. Original Gravity Average
- 13. Original Gravity expressed in Degrees Plato
- 14. Apparent Attenuation
- 15. Bitterness Ratio
- 16. RBR = $(BU:GU) \times (1 + (ADF 0.7655))$
- 17. Real Attenuation

Takes ethanol's gravity into account

- 18. Used for charts. BJCP 2008 Style Guidelines
- 19. Real Extract

 $RE = (0.1808 \times OG) + (0.8192 \times FG)$

20. Real Extract

RE = $(0.1808 \times ^{\circ}Pi) + (0.8192 \times ^{\circ}Pf)$

21. BU:REU

REU = Real Extract Gravity Units

REU = 1 - RE

22. (IBU/OG) * Apparent Attenuation

Lower = Maltier

Higher = Hoppier