

Style	Category	#	ABV Low [1]	ABV High [2]	ABV Avg[3]	IBU Low [4]	IBU High [5]	IBU Avg [6]	SRM Low [7]	SRM High[8]	SRM Avg[9]	OG Low [10]	OG High [11]	OG Avg [12]	*P Avg [13]	FG Low	FG High	FG Avg	*P Avg	ADF[14]	BU:GU [15]	Relative Bitterness [16]	RDF[17]	Year[18]	RE (SG) [19]	RE (*P) [20]	BU:RE (*P) [21]	BU:REU (SG)[21]	BU:FG (*P) [22]	BU:FGU (SG) [23]	BU:FG (SG) [24]
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	80.90%	0.294	0.336	74.47%	2008	1.009	2.174	4.6	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	4.5	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	1.013	1.0105	2.69	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	3.5	6	4.75	1.044	1.056	1.050	12.33	1.013	1.017	1.015	3.83	68.97%	0.800	0.739	56.50%	2008	1.021	5.365	7.5	1.88	10.5	2.7	39.4
Classic American Pilsner	Pilsner	02C	4.5	6	5.25	25	40	32.5	3	6	4.5	1.044	1.06	1.052	12.80	1.01	1.015	1.0125	3.20	75.02%	0.625	0.615	61.46%	2008	1.020	4.934	6.6	1.65	10.2	2.6	32.1
Vienna Lager	EuropeanAmber Lager	03A	4.5	5.5	5	18	30	24	10	16	13	1.046	1.052	1.049	12.10	1.01	1.014	1.012	3.07	74.61%	0.490	0.480	61.12%	2008	1.019	4.703	5.1	1.28	7.8	2.0	23.7
Oktoberfest/Märzen	EuropeanAmber Lager	03B	4.8	5.7	5.25	20	28	24	7	14	10.5	1.05	1.057	1.054	13.15	1.012	1.016	1.014	3.58	72.81%	0.449	0.432	59.65%	2008	1.021	5.307	4.5	1.14	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	1.01	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	1.02	5.08	76.73%	0.228	0.229	62.85%	2008	1.033	8.105	2.6	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	1.009	2.31	80.72%	0.361	0.376	66.12%	2008	1.016	4.059	4.3	1.08	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	1.013	1.0105	2.69	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	2.31	80.13%	0.532	0.551	65.64%	2008	1.016	3.995	6.3	1.58	10.8	2.8	24.8
American Wheat or Rye Beer	Light Hybrid Beer	06D	4	5.5	4.75	15	30	22.5	3	6	4.5	1.04	1.055	1.048	11.74	1.008	1.013	1.0105	2.69	77.09%	0.474	0.476	63.15%	2008	1.017	4.328	5.2	1.31	8.4	2.1	22.3
Northern German Altbier	Amber Hybrid Beer	07A	4.5	5.2	4.85	25	40	32.5	13	19	16	1.046	1.054	1.050	12.33	1.01	1.015	1.0125	3.20	74.07%	0.650	0.634	60.68%	2008	1.019	4.849	6.7	1.69	10.2	2.6	32.1
California Common Beer	Amber Hybrid Beer	07B	4.5	5.5	5	30	45	37.5	10	14	12	1.048	1.054	1.051	12.57	1.011	1.014	1.0125	3.20	74.56%	0.735	0.721	61.08%	2008	1.019	4.892	7.7	1.93	11.7	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	1.01	1.015	1.0125	3.20	74.07%	0.850	0.829	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	1.04	1.036	9.00	1.007	1.011	1.009	2.31	74.33%	0.833	0.815	60.89%	2008	1.014	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	2.56	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	3.32	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	1.012	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	1.037	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	1.015	1.0125	3.20	75.25%	0.714	0.705	61.64%	2008	1.020	4.955	7.6	1.90	11.7	3.0	37.0
American Amber Ale	American Ale	10B	4.5	6	5.25	25	40	32.5	10	17	13.5	1.045	1.06	1.053	12.92	1.01	1.015	1.0125	3.20	75.25%	0.619	0.611	61.64%	2008	1.020	4.955	6.6	1.65	10.2	2.6	32.1
American Brown Ale	American Ale	10C	4.3	6.2	5.25	20	40	30	18	35	26.5	1.045	1.06	1.053	12.92	1.01	1.016	1.013	3.32	74.27%	0.571	0.558	60.84%	2008	1.020	5.059	5.9	1.49	9.0	2.3	29.6
Mild	English Brown Ale	11A	2.8	4.5	3.65	10	25	17.5	12	25	18.5	1.03	1.038	1.034	8.52	1.008	1.013	1.0105	2.69	68.40%	0.515	0.473	56.03%	2008	1.015	3.744	4.7	1.19	6.5	1.7	17.3
Southern English Brown Ale	English Brown Ale	11B	2.8	4.1	3.45	12	20	16	19	35	27	1.033	1.042	1.038	9.36	1.011	1.014	1.0125	3.20	65.84%	0.427	0.381	53.94%	2008	1.017	4.312	3.7	0.94	5.0	1.3	15.8
Northern English Brown Ale	English Brown Ale	11C	4.2	5.4	4.8	20	30	25	12	22	17	1.04	1.052	1.046	11.39	1.008	1.013	1.0105	2.69	76.37%	0.543	0.543	62.56%	2008	1.017	4.264	5.9	1.48	9.3	2.4	27.4
Brown Porter	Porter	12A	4	5.4	4.7	18	35	26.5	20	30	25	1.04	1.052	1.046	11.39	1.008	1.014	1.011	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	1.014	3.58	74.18%	0.664	0.648	60.77%	2008	1.022	5.434	6.9	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.				

[illegible]

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. $(IBU/OG) \times \text{Apparent Attenuation}$

Lower = Maltier

Higher = Hoppier