

BROILER

EFFICIENCY PRO x ROSS 308 AP

Performance Objectives

2022



Introduction

This booklet contains the performance objectives for the Efficiency Pro™ (EP) x Ross® 308 AP broiler and is to be used with the *Ross Broiler Management Handbook*.

Performance

These objectives indicate the performance achievable under good management and environmental conditions and when feeding recommended nutrient levels.

Producers may find that local factors prevent such performance from being achieved. For example:

- The availability of raw materials may limit nutrient content and intake.
- Extreme climatic conditions will reduce performance.
- Economic considerations may limit choice of production systems.

Therefore, average performance may be lower than the figures presented here.

The objectives are presented in two sections to reflect the global nature of the publication.

Section 1 g contains the performance data in metric measurement, and

Section 2 lb contains imperial measurements.

In the tables, values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

Carcass and carcass component yields will vary among processing plants depending on the type of equipment being used (e.g. carcass chilling technology, automated versus manual deboning, sampling procedures or cutting variation) and the exact carcass component being produced. The carcass and carcass component yield values provided herein are based on extensive data analysis from trials conducted by Aviagen®. These values will differ from prior publications due to new and more extensive data analysis and genetic changes over time. When comparing these values to observations within an operation, keep in mind that how the carcass or carcass component is defined can significantly impact the quantitative value. For example, as % of live weight, carcass yield can differ >2% due to the presence/absence of abdominal fat pad, water retention differences resulting from the method of carcass chilling, and cutting techniques used in the processing plant and feed withdrawal practices. Further, dietary amino acid and energy density can significantly affect carcass and carcass component yield values. Aviagen will continue to evaluate these values.

Every attempt has been made to ensure the accuracy and relevance of the information presented. However, Aviagen accepts no liability for the consequences of using the information for the management of chickens.

For further information on the management of Ross stock, please contact your local Ross representative.

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Key Management Points

Cost effective production of chicken meat depends on achieving good bird performance; the following points are important for optimizing performance of the Efficiency Pro x Ross 308 AP broiler:

- Maximize chick quality by good management of hatching, storage and transport conditions.
- Design the brooding set-up to ensure easy access to water and feed at placement and to ease the transition between supplementary systems and the automated feeders and drinkers at 4-5 days.
- Feed a highly digestible, and nutritionally balanced Starter diet.
- Keep chicks in their thermal comfort zone by monitoring chick behavior, but beware of low relative humidities (less than 50% RH). Establish a minimum ventilation program from day one.
- Monitor crop fill, feeding and drinking behavior and 7-day live weight to allow continuous improvement of the brooding set-up.
- Keep birds in their thermal comfort zone throughout the growing period. Fast growing broilers produce large amounts of heat, particularly in the second half of the grow-out period. Keeping ambient temperatures less than 21°C (69.8°F) from 21 days onwards may improve growth rates.
- Maintain high standards of biosecurity and cleanliness to keep disease challenge to a minimum.

As-Hatched Performance

Day	Weight (g) ¹	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) ²	FCR ³
0	44					
1	61	17			12	0.191
2	79	18		16	27	0.344
3	100	21		19	47	0.465
4	123	23		23	70	0.563
5	150	26		27	96	0.643
6	179	29		30	127	0.708
7	212	33	24	34	161	0.762
8	247	36	25	38	200	0.807
9	287	39	27	43	242	0.846
10	329	43	29	47	289	0.879
11	375	46	30	52	341	0.909
12	425	50	32	56	397	0.935
13	478	53	33	61	459	0.959
14	535	57	35	66	525	0.982
15	595	60	37	71	596	1.003
16	658	63	38	77	673	1.023
17	725	67	40	82	756	1.042
18	795	70	42	88	843	1.061
19	868	73	43	93	937	1.079
20	944	76	45	99	1036	1.097
21	1023	79	47	105	1141	1.115
22	1104	81	48	111	1251	1.133
23	1188	84	50	116	1368	1.151
24	1275	86	51	122	1490	1.169
25	1363	89	53	128	1618	1.187
26	1454	91	54	134	1751	1.205
27	1547	93	56	139	1891	1.222
28	1641	94	57	145	2035	1.240
29	1737	96	58	150	2186	1.258
30	1835	97	60	156	2341	1.276
31	1933	99	61	161	2502	1.294
32	2033	100	62	166	2668	1.313
33	2134	101	63	171	2838	1.331
34	2235	101	64	175	3014	1.349
35	2337	102	66	180	3194	1.367
36	2439	102	67	185	3378	1.386
37	2542	103	68	189	3567	1.404
38	2645	103	68	193	3760	1.422
39	2748	103	69	197	3957	1.441
40	2851	103	70	200	4157	1.459
41	2953	103	71	204	4361	1.477
42	3056	102	72	207	4568	1.496
43	3158	102	72	210	4778	1.514
44	3259	101	73	213	4991	1.533
45	3360	101	74	216	5207	1.551
46	3460	100	74	218	5425	1.570
47	3559	99	75	221	5646	1.588
48	3657	98	75	223	5869	1.606
49	3754	97	76	225	6093	1.625
50	3850	96	76	226	6320	1.643
51	3945	95	77	228	6547	1.661
52	4039	94	77	229	6777	1.680
53	4132	93	77	230	7007	1.698
54	4224	91	77	232	7239	1.716
55	4314	90	78	232	7471	1.734
56	4403	89	78	233	7704	1.752

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.



Male Performance

Day	Weight (g) ¹	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) ²	FCR ³
0	44					
1	61	17			11	0.176
2	79	18		15	25	0.321
3	99	21		18	44	0.439
4	122	23		22	66	0.537
5	149	26		26	92	0.618
6	178	29		30	122	0.685
7	211	33	24	34	157	0.742
8	247	36	25	39	195	0.790
9	287	40	27	43	239	0.831
10	331	44	29	48	287	0.868
11	378	47	30	53	340	0.899
12	430	51	32	58	399	0.928
13	484	55	34	64	462	0.954
14	543	59	36	69	531	0.978
15	606	63	37	75	606	1.000
16	672	66	39	80	686	1.021
17	742	70	41	86	772	1.041
18	816	74	43	92	864	1.060
19	893	77	45	98	963	1.078
20	973	80	46	105	1067	1.097
21	1057	84	48	111	1178	1.115
22	1144	87	50	117	1295	1.132
23	1234	90	52	123	1419	1.150
24	1326	93	53	130	1548	1.167
25	1422	95	55	136	1684	1.185
26	1520	98	57	142	1827	1.202
27	1620	100	58	149	1975	1.219
28	1722	102	60	155	2130	1.237
29	1827	104	61	161	2291	1.254
30	1933	106	63	167	2458	1.271
31	2041	108	64	173	2630	1.289
32	2150	109	66	178	2808	1.306
33	2260	110	67	184	2992	1.324
34	2372	112	68	189	3181	1.341
35	2484	112	70	194	3376	1.359
36	2598	113	71	199	3575	1.376
37	2711	114	72	204	3779	1.394
38	2826	114	73	209	3988	1.411
39	2940	114	74	213	4201	1.429
40	3055	115	75	218	4419	1.447
41	3169	115	76	222	4641	1.464
42	3283	114	77	225	4866	1.482
43	3398	114	78	229	5095	1.500
44	3511	114	79	232	5327	1.517
45	3624	113	80	235	5563	1.535
46	3737	112	80	238	5801	1.552
47	3848	112	81	241	6042	1.570
48	3959	111	82	244	6286	1.588
49	4069	110	82	246	6532	1.605
50	4178	109	83	248	6780	1.623
51	4286	108	83	250	7030	1.640
52	4393	107	84	252	7281	1.658
53	4498	105	84	253	7534	1.675
54	4602	104	84	254	7789	1.692
55	4705	103	85	256	8044	1.710
56	4806	101	85	256	8301	1.727

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

Female Performance

Day	Weight (g) ¹	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) ²	FCR ³
0	44					
1	61	17			13	0.206
2	80	19		17	29	0.366
3	101	21		20	50	0.492
4	124	23		24	73	0.590
5	151	26		27	101	0.668
6	180	29		31	131	0.731
7	212	32	24	34	166	0.782
8	247	35	25	38	204	0.824
9	286	39	27	42	246	0.860
10	328	42	28	46	292	0.891
11	373	45	30	50	342	0.918
12	421	48	31	54	396	0.942
13	472	51	33	59	455	0.965
14	527	54	34	64	519	0.986
15	584	58	36	68	587	1.005
16	645	61	38	73	661	1.025
17	708	63	39	78	739	1.043
18	774	66	41	83	822	1.062
19	843	69	42	88	911	1.080
20	915	71	44	94	1004	1.098
21	988	74	45	99	1103	1.116
22	1065	76	46	104	1207	1.134
23	1143	78	48	109	1317	1.152
24	1223	80	49	115	1431	1.171
25	1305	82	50	120	1551	1.189
26	1388	84	52	125	1676	1.207
27	1473	85	53	130	1806	1.226
28	1560	86	54	135	1941	1.244
29	1648	88	55	140	2080	1.263
30	1736	89	56	144	2225	1.281
31	1826	89	57	149	2373	1.300
32	1916	90	58	153	2527	1.319
33	2007	91	59	158	2684	1.338
34	2098	91	60	162	2846	1.357
35	2189	92	61	166	3012	1.376
36	2281	92	62	170	3182	1.395
37	2373	92	63	173	3355	1.414
38	2464	92	64	177	3532	1.433
39	2556	91	64	180	3712	1.452
40	2647	91	65	183	3895	1.471
41	2738	91	66	186	4081	1.491
42	2828	90	66	189	4270	1.510
43	2918	90	67	191	4461	1.529
44	3007	89	67	194	4655	1.548
45	3095	88	68	196	4851	1.568
46	3182	87	68	198	5049	1.587
47	3269	87	69	200	5249	1.606
48	3354	86	69	202	5451	1.625
49	3439	85	69	203	5655	1.644
50	3522	84	70	205	5859	1.663
51	3605	82	70	206	6065	1.682
52	3686	81	70	207	6272	1.702
53	3766	80	70	208	6480	1.721
54	3845	79	70	209	6689	1.740
55	3923	78	71	209	6898	1.758
56	3999	76	71	210	7108	1.777

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

As-Hatched Performance

Day	Weight (lb) ¹	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) ²	FCR ³
0	0.097					
1	0.134	0.037			0.026	0.191
2	0.175	0.041		0.034	0.060	0.344
3	0.221	0.046		0.043	0.103	0.465
4	0.272	0.052		0.051	0.153	0.563
5	0.330	0.058		0.059	0.212	0.643
6	0.395	0.065		0.067	0.279	0.708
7	0.466	0.072	0.053	0.076	0.355	0.762
8	0.545	0.079	0.056	0.085	0.440	0.807
9	0.632	0.086	0.060	0.094	0.534	0.846
10	0.726	0.094	0.063	0.104	0.638	0.879
11	0.828	0.102	0.067	0.114	0.752	0.909
12	0.937	0.109	0.070	0.124	0.876	0.935
13	1.054	0.117	0.074	0.135	1.011	0.959
14	1.179	0.125	0.077	0.146	1.157	0.982
15	1.312	0.132	0.081	0.158	1.315	1.003
16	1.451	0.140	0.085	0.169	1.484	1.023
17	1.599	0.147	0.088	0.181	1.666	1.042
18	1.753	0.154	0.092	0.194	1.859	1.061
19	1.913	0.161	0.096	0.206	2.065	1.079
20	2.081	0.167	0.099	0.218	2.284	1.097
21	2.255	0.174	0.103	0.231	2.515	1.115
22	2.434	0.180	0.106	0.244	2.759	1.133
23	2.620	0.185	0.110	0.257	3.015	1.151
24	2.810	0.191	0.113	0.269	3.285	1.169
25	3.006	0.196	0.116	0.282	3.567	1.187
26	3.206	0.200	0.120	0.295	3.861	1.205
27	3.410	0.204	0.123	0.307	4.168	1.222
28	3.618	0.208	0.126	0.319	4.487	1.240
29	3.830	0.212	0.129	0.331	4.818	1.258
30	4.044	0.215	0.132	0.343	5.161	1.276
31	4.262	0.217	0.134	0.354	5.515	1.294
32	4.482	0.220	0.137	0.366	5.881	1.313
33	4.704	0.222	0.140	0.376	6.257	1.331
34	4.927	0.224	0.142	0.387	6.644	1.349
35	5.152	0.225	0.144	0.397	7.041	1.367
36	5.378	0.226	0.147	0.407	7.448	1.386
37	5.604	0.227	0.149	0.416	7.864	1.404
38	5.831	0.227	0.151	0.425	8.289	1.422
39	6.058	0.227	0.153	0.434	8.723	1.441
40	6.285	0.227	0.155	0.442	9.165	1.459
41	6.511	0.226	0.156	0.449	9.614	1.477
42	6.737	0.226	0.158	0.457	10.071	1.496
43	6.961	0.225	0.160	0.463	10.534	1.514
44	7.185	0.223	0.161	0.470	11.004	1.533
45	7.407	0.222	0.162	0.476	11.479	1.551
46	7.627	0.220	0.164	0.481	11.961	1.570
47	7.845	0.219	0.165	0.486	12.447	1.588
48	8.062	0.217	0.166	0.491	12.938	1.606
49	8.276	0.214	0.167	0.495	13.433	1.625
50	8.488	0.212	0.168	0.499	13.932	1.643
51	8.698	0.210	0.169	0.502	14.435	1.661
52	8.905	0.207	0.169	0.505	14.940	1.680
53	9.110	0.204	0.170	0.508	15.448	1.698
54	9.311	0.202	0.171	0.510	15.959	1.716
55	9.510	0.199	0.171	0.512	16.471	1.734
56	9.706	0.196	0.172	0.514	16.985	1.752

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

Male Performance

Day	Weight (lb) ¹	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) ²	FCR ³
0	0.097					
1	0.133	0.036			0.024	0.176
2	0.173	0.040		0.032	0.056	0.321
3	0.219	0.045		0.040	0.096	0.439
4	0.270	0.051		0.049	0.145	0.537
5	0.328	0.058		0.058	0.203	0.618
6	0.393	0.065		0.067	0.269	0.685
7	0.465	0.072	0.053	0.076	0.345	0.742
8	0.546	0.080	0.056	0.086	0.431	0.790
9	0.634	0.088	0.060	0.096	0.527	0.831
10	0.730	0.096	0.063	0.106	0.633	0.868
11	0.834	0.104	0.067	0.117	0.750	0.899
12	0.947	0.113	0.071	0.128	0.879	0.928
13	1.068	0.121	0.075	0.140	1.019	0.954
14	1.198	0.130	0.079	0.152	1.171	0.978
15	1.336	0.138	0.083	0.164	1.335	1.000
16	1.482	0.146	0.087	0.177	1.512	1.021
17	1.636	0.154	0.091	0.190	1.702	1.041
18	1.798	0.162	0.095	0.203	1.906	1.060
19	1.968	0.170	0.099	0.217	2.123	1.078
20	2.145	0.177	0.102	0.230	2.353	1.097
21	2.330	0.185	0.106	0.244	2.597	1.115
22	2.522	0.192	0.110	0.258	2.855	1.132
23	2.720	0.198	0.114	0.272	3.127	1.150
24	2.924	0.204	0.118	0.286	3.414	1.167
25	3.135	0.210	0.122	0.300	3.713	1.185
26	3.350	0.216	0.125	0.314	4.027	1.202
27	3.571	0.221	0.129	0.328	4.355	1.219
28	3.797	0.226	0.132	0.341	4.696	1.237
29	4.027	0.230	0.136	0.354	5.050	1.254
30	4.261	0.234	0.139	0.368	5.418	1.271
31	4.499	0.238	0.142	0.380	5.798	1.289
32	4.740	0.241	0.145	0.393	6.191	1.306
33	4.983	0.244	0.148	0.405	6.596	1.324
34	5.229	0.246	0.151	0.417	7.013	1.341
35	5.477	0.248	0.154	0.429	7.442	1.359
36	5.727	0.250	0.156	0.440	7.882	1.376
37	5.978	0.251	0.159	0.450	8.332	1.394
38	6.229	0.252	0.161	0.460	8.792	1.411
39	6.482	0.252	0.164	0.470	9.263	1.429
40	6.734	0.253	0.166	0.480	9.742	1.447
41	6.987	0.252	0.168	0.488	10.231	1.464
42	7.239	0.252	0.170	0.497	10.728	1.482
43	7.490	0.251	0.172	0.505	11.232	1.500
44	7.741	0.251	0.174	0.512	11.744	1.517
45	7.990	0.249	0.175	0.519	12.264	1.535
46	8.238	0.248	0.177	0.526	12.789	1.552
47	8.484	0.246	0.178	0.532	13.321	1.570
48	8.729	0.244	0.180	0.537	13.858	1.588
49	8.971	0.242	0.181	0.542	14.400	1.605
50	9.211	0.240	0.182	0.547	14.947	1.623
51	9.449	0.238	0.183	0.551	15.498	1.640
52	9.684	0.235	0.184	0.555	16.053	1.658
53	9.916	0.232	0.185	0.558	16.611	1.675
54	10.146	0.229	0.186	0.561	17.172	1.692
55	10.372	0.226	0.187	0.563	17.735	1.710
56	10.596	0.223	0.187	0.565	18.300	1.727

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

Female Performance

Day	Weight (lb) ¹	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) ²	FCR ³
0	0.097					
1	0.135	0.038			0.028	0.206
2	0.176	0.041		0.037	0.065	0.366
3	0.222	0.046		0.045	0.109	0.492
4	0.274	0.052		0.052	0.162	0.590
5	0.332	0.058		0.060	0.222	0.668
6	0.396	0.064		0.068	0.290	0.731
7	0.467	0.071	0.053	0.076	0.365	0.782
8	0.545	0.078	0.056	0.084	0.449	0.824
9	0.630	0.085	0.059	0.093	0.542	0.860
10	0.722	0.092	0.063	0.101	0.643	0.891
11	0.821	0.099	0.066	0.111	0.754	0.918
12	0.928	0.106	0.069	0.120	0.874	0.942
13	1.041	0.113	0.073	0.130	1.004	0.965
14	1.161	0.120	0.076	0.140	1.144	0.986
15	1.288	0.127	0.079	0.151	1.295	1.005
16	1.421	0.133	0.083	0.162	1.456	1.025
17	1.561	0.140	0.086	0.173	1.629	1.043
18	1.707	0.146	0.090	0.184	1.813	1.062
19	1.859	0.152	0.093	0.195	2.008	1.080
20	2.016	0.157	0.096	0.207	2.214	1.098
21	2.179	0.163	0.099	0.218	2.432	1.116
22	2.347	0.168	0.102	0.230	2.662	1.134
23	2.519	0.172	0.105	0.241	2.903	1.152
24	2.696	0.177	0.108	0.253	3.156	1.171
25	2.877	0.181	0.111	0.264	3.420	1.189
26	3.061	0.184	0.114	0.275	3.695	1.207
27	3.248	0.188	0.117	0.286	3.981	1.226
28	3.439	0.191	0.119	0.297	4.278	1.244
29	3.632	0.193	0.122	0.308	4.586	1.263
30	3.828	0.195	0.124	0.318	4.904	1.281
31	4.025	0.197	0.127	0.328	5.233	1.300
32	4.224	0.199	0.129	0.338	5.571	1.319
33	4.424	0.200	0.131	0.348	5.918	1.338
34	4.625	0.201	0.133	0.357	6.275	1.357
35	4.827	0.202	0.135	0.366	6.641	1.376
36	5.029	0.202	0.137	0.374	7.014	1.395
37	5.231	0.202	0.139	0.382	7.396	1.414
38	5.433	0.202	0.140	0.390	7.786	1.433
39	5.635	0.202	0.142	0.397	8.183	1.452
40	5.836	0.201	0.143	0.404	8.587	1.471
41	6.036	0.200	0.145	0.410	8.997	1.491
42	6.235	0.199	0.146	0.416	9.414	1.510
43	6.432	0.198	0.147	0.422	9.836	1.529
44	6.628	0.196	0.148	0.427	10.263	1.548
45	6.823	0.195	0.149	0.432	10.695	1.568
46	7.016	0.193	0.150	0.437	11.132	1.587
47	7.207	0.191	0.151	0.441	11.573	1.606
48	7.395	0.189	0.152	0.445	12.018	1.625
49	7.582	0.186	0.153	0.448	12.466	1.644
50	7.766	0.184	0.153	0.451	12.917	1.663
51	7.947	0.182	0.154	0.454	13.371	1.682
52	8.127	0.179	0.154	0.456	13.827	1.702
53	8.303	0.177	0.155	0.458	14.286	1.721
54	8.477	0.174	0.155	0.460	14.746	1.740
55	8.648	0.171	0.155	0.461	15.207	1.758
56	8.816	0.168	0.156	0.463	15.670	1.777

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.




Notes

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Carcass Yield - Male

The following table indicates how yields of the major portions change with increasing live weight in each sex. Two types of processing are described: eviscerated yield is broken down into breast meat, thigh and drumstick to represent a portioning operation and into breast meat and leg meat to represent a deboning operation.


Live Weight kg	Live Weight lb	Portion					Debone		
		Eviscerated %	Breast %	Thigh %	Drumstick %	Wing %	Leg Meat %	Breast %	Total Meat %
1.6	3.53	69.88	21.67	13.15	10.14	8.16	15.92	21.67	37.59
1.8	3.97	70.75	22.70	13.42	10.11	8.11	16.43	22.70	39.13
2.0	4.41	71.44	23.53	13.63	10.07	8.08	16.84	23.53	40.37
2.2	4.85	72.01	24.21	13.81	10.04	8.05	17.17	24.21	41.38
2.4	5.29	72.48	24.77	13.95	10.02	8.02	17.45	24.77	42.22
2.6	5.73	72.88	25.25	14.07	10.00	8.00	17.69	25.25	42.94
2.8	6.17	73.23	25.66	14.18	9.99	7.98	17.89	25.66	43.55
3.0	6.61	73.52	26.01	14.27	9.98	7.97	18.07	26.01	44.08
3.2	7.05	73.78	26.32	14.35	9.96	7.95	18.22	26.32	44.54
3.4	7.50	74.01	26.59	14.42	9.95	7.94	18.36	26.59	44.95
3.6	7.94	74.22	26.84	14.48	9.95	7.93	18.48	26.84	45.31
3.8	8.38	74.40	27.06	14.54	9.94	7.92	18.58	27.06	45.64
4.0	8.82	74.56	27.25	14.59	9.93	7.91	18.68	27.25	45.93
4.2	9.26	74.71	27.43	14.63	9.92	7.91	18.77	27.43	46.20
4.4	9.70	74.85	27.59	14.67	9.92	7.90	18.85	27.59	46.44
4.6	10.14	74.97	27.74	14.71	9.91	7.89	18.92	27.74	46.66
4.8	10.58	75.08	27.87	14.75	9.91	7.89	18.99	27.87	46.86




Eviscerated %: Eviscerated carcass (without neck, abdominal fat and internal organs) as a percentage of live weight.




Drumstick %: Whole drumstick (with skin and bone) as a percentage of live weight.



Breast %: Breast meat (without skin and bone) as a percentage of live weight.



Wing %: Whole wing, clean cut at the joint (with skin and bone) as a percentage of live weight.



Thigh %: Whole thigh (with skin and bone) as a percentage of live weight.

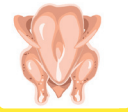
Leg %: Whole leg (without skin and bone) as a percentage of live weight.
Total meat %: Whole leg and breast (without skin and bone) as a percentage of live weight.

Note: These figures represent dry yield. They do not include any moisture retained during chilling or processing. Carcass component yields will vary among processing plants depending on, for example, type of equipment used and the exact portion(s) being produced.


Carcass Yield - Female

The following table indicates how yields of the major portions change with increasing live weight in each sex. Two types of processing are described: eviscerated yield is broken down into breast meat, thigh and drumstick to represent a portioning operation and into breast meat and leg meat to represent a deboning operation.


		Portion					Debone		
Live Weight kg	Live Weight lb	Eviscerated %	Breast %	Thigh %	Drumstick %	Wing %	Leg Meat %	Breast %	Total Meat %
1.6	3.53	70.17	23.10	13.34	9.71	8.13	16.53	23.10	39.62
1.8	3.97	71.12	24.31	13.49	9.63	8.08	16.68	24.31	41.00
2.0	4.41	71.88	25.29	13.62	9.57	8.04	16.81	25.29	42.10
2.2	4.85	72.50	26.09	13.72	9.51	8.01	16.91	26.09	43.00
2.4	5.29	73.02	26.75	13.81	9.47	7.98	16.99	26.75	43.75
2.6	5.73	73.46	27.31	13.88	9.43	7.96	17.07	27.31	44.38
2.8	6.17	73.83	27.80	13.95	9.40	7.94	17.13	27.80	44.92
3.0	6.61	74.16	28.21	14.00	9.37	7.92	17.18	28.21	45.40
3.2	7.05	74.44	28.58	14.05	9.35	7.91	17.23	28.58	45.81
3.4	7.50	74.69	28.90	14.09	9.31	7.89	17.27	28.90	46.17
3.6	7.94	74.92	29.19	14.13	9.30	7.88	17.31	29.19	46.50
3.8	8.38	75.12	29.45	14.16	9.28	7.87	17.34	29.45	46.78
4.0	8.82	75.30	29.68	14.19	9.26	7.86	17.37	29.68	47.05




Eviscerated %: Eviscerated carcass (without neck, abdominal fat and internal organs) as a percentage of live weight.




Drumstick %: Whole drumstick (with skin and bone) as a percentage of live weight.



Breast %: Breast meat (without skin and bone) as a percentage of live weight.



Wing %: Whole wing, clean cut at the joint (with skin and bone) as a percentage of live weight.



Thigh %: Whole thigh (with skin and bone) as a percentage of live weight.

Leg %: Whole leg (without skin and bone) as a percentage of live weight.
 Total meat %: Whole leg and breast (without skin and bone) as a percentage of live weight.

Note: These figures represent dry yield. They do not include any moisture retained during chilling or processing. Carcass component yields will vary among processing plants depending on, for example, type of equipment used and the exact portion(s) being produced.

Notes

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