

BRILLIANT

*ROSS 708*

Performance Objectives

2022



## Introduction

This booklet contains the performance objectives for the Ross® 708 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.

## Contents

02		<b>Key Management Points</b>
03	Section 1 <i>g</i>	<b>As-Hatched Performance</b>
04	Section 1 <i>g</i>	<b>Male Performance</b>
05	Section 1 <i>g</i>	<b>Female Performance</b>
07	Section 2 <i>lb</i>	<b>As-Hatched Performance</b>
08	Section 2 <i>lb</i>	<b>Male Performance</b>
09	Section 2 <i>lb</i>	<b>Female Performance</b>
11		<b>Carcass Yield - Male</b>
12		<b>Carcass Yield - Female</b>

## 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 Ross 708 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) <sup>1</sup>	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	44					
1	59	15			11	0.193
2	77	18		15	27	0.347
3	97	20		19	46	0.470
4	119	22		22	68	0.569
5	145	25		26	94	0.650
6	173	28		30	123	0.715
7	204	31	23	33	157	0.770
8	238	34	24	37	194	0.816
9	275	37	26	41	235	0.855
10	315	40	27	45	280	0.889
11	359	44	29	49	329	0.918
12	406	47	30	54	383	0.945
13	456	50	32	58	442	0.970
14	509	53	33	63	505	0.992
15	565	56	35	68	573	1.013
16	625	60	36	73	646	1.034
17	687	63	38	78	724	1.053
18	753	65	39	83	807	1.072
19	821	68	41	89	896	1.091
20	892	71	42	94	990	1.109
21	966	74	44	99	1089	1.127
22	1042	76	45	105	1194	1.145
23	1120	78	47	110	1304	1.164
24	1201	81	48	115	1419	1.182
25	1284	83	50	121	1540	1.200
26	1369	85	51	126	1666	1.218
27	1455	86	52	131	1798	1.236
28	1543	88	54	137	1934	1.254
29	1633	89	55	142	2076	1.272
30	1723	91	56	147	2223	1.290
31	1815	92	57	152	2374	1.308
32	1908	93	58	156	2531	1.327
33	2002	94	59	161	2692	1.345
34	2096	94	60	166	2858	1.364
35	2191	95	61	170	3027	1.382
36	2287	95	62	174	3201	1.400
37	2383	96	63	178	3380	1.419
38	2479	96	64	182	3562	1.438
39	2575	96	65	186	3747	1.456
40	2671	96	66	189	3936	1.475
41	2766	96	66	192	4129	1.493
42	2862	95	67	196	4324	1.512
43	2957	95	68	198	4523	1.531
44	3052	95	68	201	4724	1.549
45	3146	94	69	204	4928	1.568
46	3239	93	69	206	5134	1.586
47	3332	93	70	208	5343	1.605
48	3423	92	70	211	5553	1.624
49	3514	91	71	212	5765	1.642
50	3604	90	71	214	5980	1.661
51	3693	89	72	216	6195	1.679
52	3781	88	72	217	6412	1.698
53	3868	87	72	218	6630	1.716
54	3954	86	72	219	6850	1.734
55	4039	85	73	220	7070	1.753
56	4122	83	73	221	7291	1.771

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

<sup>2</sup> Feed consumption per living bird.

<sup>3</sup> 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) <sup>1</sup>	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	44					
1	59	15			11	0.178
2	76	18		14	25	0.324
3	96	20		18	43	0.444
4	119	22		22	64	0.543
5	144	25		25	90	0.624
6	172	28		29	119	0.692
7	203	31	23	33	152	0.750
8	238	35	24	37	190	0.799
9	275	38	26	42	231	0.840
10	317	41	27	46	278	0.877
11	361	45	29	51	329	0.909
12	410	48	30	56	384	0.938
13	461	52	32	61	445	0.964
14	517	55	34	66	511	0.988
15	576	59	35	71	582	1.011
16	638	62	37	76	658	1.032
17	703	66	39	82	740	1.052
18	772	69	40	88	827	1.071
19	845	72	42	93	921	1.090
20	920	75	44	99	1020	1.109
21	998	78	45	105	1125	1.127
22	1080	81	47	111	1236	1.145
23	1164	84	49	117	1352	1.162
24	1250	87	50	123	1475	1.180
25	1339	89	52	129	1604	1.197
26	1431	91	53	134	1738	1.215
27	1524	94	55	140	1878	1.232
28	1620	96	56	146	2025	1.250
29	1717	97	58	152	2176	1.268
30	1816	99	59	157	2334	1.285
31	1917	101	60	163	2497	1.303
32	2018	102	62	168	2665	1.320
33	2121	103	63	173	2838	1.338
34	2225	104	64	179	3017	1.356
35	2330	105	65	183	3200	1.373
36	2436	106	66	188	3388	1.391
37	2542	106	68	193	3581	1.409
38	2648	106	69	197	3778	1.427
39	2755	107	70	201	3980	1.444
40	2862	107	70	205	4185	1.462
41	2969	107	71	209	4394	1.480
42	3076	107	72	213	4607	1.498
43	3182	106	73	216	4823	1.516
44	3288	106	74	219	5043	1.534
45	3394	106	74	222	5265	1.551
46	3499	105	75	225	5490	1.569
47	3603	104	76	228	5718	1.587
48	3707	104	76	230	5949	1.605
49	3810	103	77	233	6181	1.622
50	3912	102	77	235	6416	1.640
51	4013	101	78	236	6652	1.658
52	4112	100	78	238	6890	1.676
53	4211	99	79	240	7130	1.693
54	4309	98	79	241	7371	1.711
55	4405	96	79	242	7613	1.728
56	4500	95	80	243	7856	1.746

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

<sup>2</sup> Feed consumption per living bird.

<sup>3</sup> 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) <sup>1</sup>	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	44					
1	60	16			12	0.208
2	78	18		16	29	0.370
3	98	20		20	49	0.497
4	120	22		23	72	0.596
5	145	25		26	98	0.675
6	173	28		30	128	0.739
7	204	31	23	33	161	0.790
8	238	34	24	37	198	0.833
9	274	37	26	40	238	0.869
10	314	39	27	44	282	0.900
11	356	42	28	48	330	0.928
12	401	45	30	52	382	0.952
13	450	48	31	56	439	0.975
14	501	51	33	61	499	0.996
15	555	54	34	65	564	1.016
16	612	57	35	70	634	1.036
17	671	59	37	74	708	1.055
18	733	62	38	79	787	1.073
19	798	64	40	84	871	1.092
20	864	67	41	89	960	1.110
21	933	69	42	94	1053	1.128
22	1004	71	44	98	1152	1.146
23	1077	73	45	103	1255	1.165
24	1152	75	46	108	1363	1.183
25	1229	76	47	113	1476	1.202
26	1307	78	49	118	1594	1.220
27	1386	79	50	123	1717	1.239
28	1466	81	51	127	1844	1.257
29	1548	82	52	132	1976	1.276
30	1631	83	53	136	2112	1.295
31	1714	83	54	140	2252	1.314
32	1798	84	55	145	2397	1.333
33	1882	85	56	149	2546	1.352
34	1967	85	57	153	2698	1.371
35	2053	85	57	156	2855	1.391
36	2138	85	58	160	3015	1.410
37	2224	85	59	163	3178	1.429
38	2309	85	60	167	3345	1.449
39	2394	85	60	170	3515	1.468
40	2479	85	61	173	3687	1.487
41	2564	85	61	176	3863	1.507
42	2648	84	62	178	4041	1.526
43	2732	84	63	181	4222	1.546
44	2815	83	63	183	4405	1.565
45	2897	82	63	185	4591	1.584
46	2979	82	64	187	4778	1.604
47	3060	81	64	189	4967	1.623
48	3140	80	64	191	5158	1.643
49	3219	79	65	192	5350	1.662
50	3297	78	65	194	5543	1.681
51	3374	77	65	195	5738	1.701
52	3450	76	66	196	5934	1.720
53	3525	75	66	197	6131	1.739
54	3599	74	66	198	6329	1.758
55	3672	73	66	198	6527	1.777
56	3744	72	66	199	6726	1.796

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

<sup>2</sup> Feed consumption per living bird.

<sup>3</sup> 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

A series of horizontal dotted lines for taking notes.

### As-Hatched Performance

Day	Weight (lb) <sup>1</sup>	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.097					
1	0.131	0.034			0.025	0.193
2	0.170	0.039		0.034	0.059	0.347
3	0.214	0.044		0.042	0.101	0.470
4	0.263	0.049		0.049	0.150	0.569
5	0.319	0.055		0.057	0.207	0.650
6	0.380	0.062		0.065	0.272	0.715
7	0.449	0.068	0.050	0.073	0.345	0.770
8	0.524	0.075	0.053	0.082	0.427	0.816
9	0.606	0.082	0.057	0.090	0.518	0.855
10	0.695	0.089	0.060	0.100	0.617	0.889
11	0.791	0.096	0.063	0.109	0.726	0.918
12	0.894	0.103	0.066	0.119	0.845	0.945
13	1.004	0.110	0.070	0.129	0.974	0.970
14	1.122	0.117	0.073	0.139	1.113	0.992
15	1.246	0.124	0.077	0.150	1.263	1.013
16	1.378	0.131	0.080	0.161	1.424	1.034
17	1.515	0.138	0.083	0.172	1.596	1.053
18	1.660	0.144	0.087	0.184	1.780	1.072
19	1.810	0.151	0.090	0.195	1.975	1.091
20	1.967	0.157	0.094	0.207	2.182	1.109
21	2.129	0.162	0.097	0.219	2.401	1.127
22	2.297	0.168	0.100	0.231	2.631	1.145
23	2.470	0.173	0.103	0.243	2.874	1.164
24	2.648	0.178	0.106	0.255	3.129	1.182
25	2.831	0.182	0.109	0.266	3.395	1.200
26	3.017	0.187	0.112	0.278	3.673	1.218
27	3.208	0.191	0.115	0.290	3.963	1.236
28	3.402	0.194	0.118	0.301	4.264	1.254
29	3.599	0.197	0.121	0.313	4.577	1.272
30	3.799	0.200	0.123	0.324	4.900	1.290
31	4.002	0.203	0.126	0.334	5.235	1.308
32	4.207	0.205	0.128	0.345	5.580	1.327
33	4.414	0.207	0.131	0.355	5.935	1.345
34	4.622	0.208	0.133	0.365	6.300	1.364
35	4.831	0.210	0.135	0.375	6.674	1.382
36	5.042	0.211	0.137	0.384	7.058	1.400
37	5.253	0.211	0.139	0.393	7.451	1.419
38	5.465	0.212	0.141	0.401	7.852	1.438
39	5.676	0.212	0.143	0.409	8.261	1.456
40	5.888	0.212	0.145	0.417	8.678	1.475
41	6.099	0.211	0.146	0.424	9.102	1.493
42	6.309	0.210	0.148	0.431	9.533	1.512
43	6.519	0.210	0.149	0.438	9.971	1.531
44	6.728	0.209	0.151	0.444	10.415	1.549
45	6.935	0.207	0.152	0.449	10.864	1.568
46	7.141	0.206	0.153	0.455	11.319	1.586
47	7.345	0.204	0.154	0.460	11.778	1.605
48	7.547	0.202	0.155	0.464	12.242	1.624
49	7.748	0.201	0.156	0.468	12.711	1.642
50	7.946	0.198	0.157	0.472	13.183	1.661
51	8.143	0.196	0.158	0.475	13.658	1.679
52	8.337	0.194	0.158	0.478	14.137	1.698
53	8.528	0.192	0.159	0.481	14.618	1.716
54	8.717	0.189	0.160	0.483	15.101	1.734
55	8.903	0.186	0.160	0.485	15.586	1.753
56	9.087	0.184	0.161	0.487	16.073	1.771

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

<sup>2</sup> Feed consumption per living bird.

<sup>3</sup> 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) <sup>1</sup>	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.097					
1	0.130	0.033			0.023	0.178
2	0.169	0.039		0.031	0.055	0.324
3	0.212	0.044		0.039	0.094	0.444
4	0.261	0.049		0.048	0.142	0.543
5	0.317	0.055		0.056	0.198	0.624
6	0.379	0.062		0.065	0.262	0.692
7	0.448	0.069	0.050	0.073	0.336	0.750
8	0.524	0.076	0.053	0.083	0.418	0.799
9	0.607	0.083	0.057	0.092	0.510	0.840
10	0.698	0.091	0.060	0.102	0.612	0.877
11	0.797	0.099	0.064	0.112	0.724	0.909
12	0.903	0.106	0.067	0.123	0.847	0.938
13	1.017	0.114	0.071	0.134	0.981	0.964
14	1.139	0.122	0.074	0.145	1.126	0.988
15	1.269	0.130	0.078	0.157	1.282	1.011
16	1.406	0.137	0.082	0.168	1.451	1.032
17	1.551	0.145	0.086	0.181	1.631	1.052
18	1.703	0.152	0.089	0.193	1.824	1.071
19	1.862	0.159	0.093	0.206	2.030	1.090
20	2.028	0.166	0.097	0.218	2.248	1.109
21	2.201	0.173	0.100	0.231	2.480	1.127
22	2.380	0.179	0.104	0.244	2.724	1.145
23	2.565	0.185	0.107	0.257	2.981	1.162
24	2.756	0.191	0.111	0.270	3.252	1.180
25	2.952	0.196	0.114	0.284	3.535	1.197
26	3.154	0.201	0.118	0.297	3.832	1.215
27	3.360	0.206	0.121	0.309	4.141	1.232
28	3.571	0.211	0.124	0.322	4.463	1.250
29	3.785	0.215	0.127	0.335	4.798	1.268
30	4.004	0.218	0.130	0.347	5.145	1.285
31	4.225	0.222	0.133	0.359	5.504	1.303
32	4.450	0.225	0.136	0.371	5.875	1.320
33	4.677	0.227	0.139	0.382	6.257	1.338
34	4.906	0.229	0.141	0.394	6.651	1.356
35	5.137	0.231	0.144	0.404	7.055	1.373
36	5.370	0.233	0.146	0.415	7.470	1.391
37	5.604	0.234	0.149	0.425	7.895	1.409
38	5.839	0.235	0.151	0.435	8.330	1.427
39	6.074	0.235	0.153	0.444	8.774	1.444
40	6.310	0.236	0.155	0.453	9.226	1.462
41	6.545	0.236	0.157	0.461	9.688	1.480
42	6.781	0.235	0.159	0.469	10.157	1.498
43	7.015	0.235	0.161	0.477	10.633	1.516
44	7.249	0.234	0.163	0.484	11.117	1.534
45	7.482	0.233	0.164	0.490	11.608	1.551
46	7.714	0.232	0.166	0.497	12.104	1.569
47	7.944	0.230	0.167	0.502	12.607	1.587
48	8.172	0.228	0.168	0.508	13.114	1.605
49	8.399	0.227	0.169	0.513	13.627	1.622
50	8.624	0.225	0.171	0.517	14.144	1.640
51	8.846	0.222	0.172	0.521	14.666	1.658
52	9.066	0.220	0.172	0.525	15.190	1.676
53	9.284	0.218	0.173	0.528	15.719	1.693
54	9.499	0.215	0.174	0.531	16.250	1.711
55	9.711	0.212	0.175	0.534	16.783	1.728
56	9.920	0.209	0.175	0.536	17.319	1.746

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

<sup>2</sup> Feed consumption per living bird.

<sup>3</sup> 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) <sup>1</sup>	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.097					
1	0.132	0.035			0.027	0.208
2	0.172	0.040		0.036	0.064	0.370
3	0.216	0.044		0.044	0.107	0.497
4	0.265	0.050		0.051	0.158	0.596
5	0.321	0.055		0.058	0.217	0.675
6	0.382	0.061		0.066	0.282	0.739
7	0.450	0.068	0.050	0.073	0.355	0.790
8	0.524	0.074	0.053	0.081	0.436	0.833
9	0.604	0.081	0.056	0.089	0.525	0.869
10	0.691	0.087	0.059	0.097	0.622	0.900
11	0.785	0.094	0.063	0.106	0.728	0.928
12	0.885	0.100	0.066	0.115	0.843	0.952
13	0.992	0.107	0.069	0.124	0.967	0.975
14	1.105	0.113	0.072	0.134	1.100	0.996
15	1.224	0.119	0.075	0.143	1.244	1.016
16	1.349	0.125	0.078	0.153	1.397	1.036
17	1.480	0.131	0.081	0.164	1.561	1.055
18	1.617	0.137	0.084	0.174	1.735	1.073
19	1.759	0.142	0.087	0.185	1.920	1.092
20	1.906	0.147	0.090	0.196	2.115	1.110
21	2.058	0.152	0.093	0.206	2.322	1.128
22	2.214	0.157	0.096	0.217	2.539	1.146
23	2.375	0.161	0.099	0.228	2.767	1.165
24	2.540	0.165	0.102	0.239	3.005	1.183
25	2.709	0.168	0.104	0.249	3.255	1.202
26	2.880	0.172	0.107	0.260	3.515	1.220
27	3.055	0.175	0.110	0.270	3.785	1.239
28	3.233	0.178	0.112	0.280	4.065	1.257
29	3.413	0.180	0.114	0.290	4.356	1.276
30	3.595	0.182	0.117	0.300	4.656	1.295
31	3.779	0.184	0.119	0.310	4.965	1.314
32	3.964	0.185	0.121	0.319	5.284	1.333
33	4.150	0.186	0.123	0.328	5.612	1.352
34	4.337	0.187	0.125	0.336	5.948	1.371
35	4.525	0.188	0.127	0.345	6.293	1.391
36	4.714	0.188	0.128	0.353	6.646	1.410
37	4.902	0.188	0.130	0.360	7.006	1.429
38	5.091	0.188	0.131	0.368	7.374	1.449
39	5.278	0.188	0.133	0.375	7.748	1.468
40	5.466	0.187	0.134	0.381	8.129	1.487
41	5.652	0.187	0.135	0.387	8.517	1.507
42	5.838	0.186	0.137	0.393	8.910	1.526
43	6.023	0.184	0.138	0.399	9.308	1.546
44	6.206	0.183	0.139	0.404	9.712	1.565
45	6.387	0.182	0.140	0.408	10.120	1.584
46	6.568	0.180	0.141	0.413	10.533	1.604
47	6.746	0.178	0.141	0.417	10.950	1.623
48	6.922	0.176	0.142	0.420	11.370	1.643
49	7.097	0.174	0.143	0.424	11.794	1.662
50	7.269	0.172	0.143	0.427	12.221	1.681
51	7.439	0.170	0.144	0.430	12.651	1.701
52	7.607	0.168	0.144	0.432	13.083	1.720
53	7.772	0.165	0.145	0.434	13.517	1.739
54	7.935	0.163	0.145	0.436	13.952	1.758
55	8.096	0.161	0.145	0.437	14.389	1.777
56	8.254	0.158	0.146	0.438	14.828	1.796

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

<sup>2</sup> Feed consumption per living bird.

<sup>3</sup> 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	70.45	23.02	12.64	9.78	7.68	15.29	23.02	38.31
1.8	3.97	71.33	24.12	12.90	9.74	7.64	15.78	24.12	39.90
2.0	4.41	72.03	25.00	13.10	9.71	7.60	16.17	25.00	41.17
2.2	4.85	72.60	25.72	13.27	9.69	7.57	16.49	25.72	42.21
2.4	5.29	73.08	26.32	13.41	9.67	7.55	16.76	26.32	43.08
2.6	5.73	73.48	26.82	13.53	9.65	7.53	16.99	26.82	43.81
2.8	6.17	73.83	27.26	13.63	9.63	7.51	17.18	27.26	44.44
3.0	6.61	74.12	27.63	13.72	9.62	7.50	17.35	27.63	44.98
3.2	7.05	74.39	27.96	13.79	9.61	7.49	17.50	27.96	45.46
3.4	7.50	74.62	28.25	13.86	9.60	7.48	17.63	28.25	45.88
3.6	7.94	74.82	28.51	13.92	9.59	7.47	17.74	28.51	46.25
3.8	8.38	75.01	28.74	13.98	9.58	7.46	17.85	28.74	46.59
4.0	8.82	75.17	28.95	14.03	9.58	7.45	17.94	28.95	46.89
4.2	9.26	75.32	29.14	14.07	9.57	7.44	18.02	29.14	47.16
4.4	9.70	75.46	29.31	14.11	9.56	7.44	18.10	29.31	47.41
4.6	10.14	75.58	29.47	14.15	9.56	7.43	18.17	29.47	47.64
4.8	10.58	75.70	29.61	14.18	9.55	7.42	18.23	29.61	47.84




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.

Live Weight kg	Live Weight lb	Portion					Debone		
		Eviscerated %	Breast %	Thigh %	Drumstick %	Wing %	Leg Meat %	Breast %	Total Meat %
1.6	3.53	70.74	24.42	12.82	9.35	7.65	15.87	24.42	40.29
1.8	3.97	71.70	25.71	12.97	9.27	7.61	16.02	25.71	41.73
2.0	4.41	72.46	26.74	13.09	9.20	7.57	16.14	26.74	42.88
2.2	4.85	73.09	27.59	13.19	9.15	7.54	16.24	27.59	43.83
2.4	5.29	73.61	28.29	13.28	9.10	7.51	16.32	28.29	44.61
2.6	5.73	74.05	28.89	13.35	9.07	7.49	16.39	28.89	45.27
2.8	6.17	74.43	29.40	13.41	9.04	7.47	16.45	29.40	45.84
3.0	6.61	74.76	29.84	13.46	9.01	7.46	16.50	29.84	46.34
3.2	7.05	75.05	30.22	13.51	8.98	7.44	16.54	30.22	46.77
3.4	7.50	75.30	30.57	13.55	8.96	7.43	16.58	30.57	47.15
3.6	7.94	75.53	30.87	13.58	8.94	7.42	16.62	30.87	47.49
3.8	8.38	75.73	31.14	13.61	8.93	7.41	16.65	31.14	47.79
4.0	8.82	75.91	31.38	13.64	8.91	7.40	16.68	31.38	48.06



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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