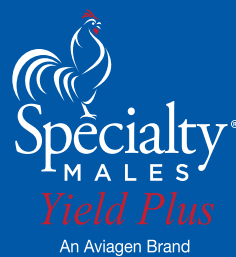


BROILER

YIELD PLUS X ROSS 308
YIELD PLUS X ROSS 308 FF

Performance Objectives

2022



Introduction

The Yield Plus® (YP) x Ross® 308 broiler is available in two types, a slow-feathering bird which produces sexable broilers (Ross 308) and one which produces all fast-feathering broilers (Ross 308 FF). The sexable-type produces fast-feathering female broilers and slow-feathering male broilers. This allows the broilers to be sexed in the hatchery by evaluating feather development differences.

This booklet contains the performance objectives for the Yield Plus x Ross 308 and the Yield Plus x Ross 308 FF 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		Key Management Points
03	Section 1 <i>g</i>	As-Hatched Performance
04	Section 1 <i>g</i>	Male Performance
05	Section 1 <i>g</i>	Female Performance
07	Section 2 <i>lb</i>	As-Hatched Performance
08	Section 2 <i>lb</i>	Male Performance
09	Section 2 <i>lb</i>	Female Performance
11		Carcass Yield - Male
12		Carcass Yield - Female

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 Yield Plus x Ross 308 and Yield Plus x Ross 308 FF 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	0.194
2	79	18		16	28	0.348
3	100	21		19	47	0.471
4	123	23		23	70	0.570
5	149	26		27	97	0.651
6	178	29		30	127	0.717
7	210	32	24	34	162	0.771
8	245	35	25	38	200	0.817
9	283	38	27	42	242	0.856
10	325	42	28	47	289	0.890
11	369	45	30	51	340	0.920
12	418	48	31	56	395	0.947
13	469	52	33	60	456	0.971
14	524	55	34	65	521	0.994
15	582	58	36	70	591	1.015
16	644	61	37	75	666	1.035
17	708	64	39	81	747	1.055
18	775	67	41	86	833	1.074
19	846	70	42	91	924	1.093
20	919	73	44	97	1021	1.111
21	995	76	45	102	1123	1.129
22	1073	78	47	108	1231	1.147
23	1154	81	48	114	1345	1.165
24	1237	83	50	119	1464	1.183
25	1323	85	51	125	1589	1.201
26	1410	87	53	130	1719	1.219
27	1499	89	54	136	1854	1.237
28	1589	91	55	141	1995	1.256
29	1682	92	56	146	2142	1.274
30	1775	94	58	151	2293	1.292
31	1870	95	59	156	2449	1.310
32	1965	96	60	161	2611	1.329
33	2062	97	61	166	2777	1.347
34	2159	97	62	171	2948	1.366
35	2257	98	63	175	3123	1.384
36	2356	98	64	180	3303	1.403
37	2454	99	65	184	3486	1.421
38	2553	99	66	188	3674	1.440
39	2652	99	67	191	3866	1.458
40	2751	99	68	195	4061	1.477
41	2850	99	68	199	4259	1.496
42	2948	98	69	202	4461	1.514
43	3046	98	70	205	4666	1.533
44	3143	97	70	208	4873	1.552
45	3240	97	71	210	5084	1.570
46	3336	96	72	213	5296	1.589
47	3432	95	72	215	5511	1.608
48	3526	95	73	217	5729	1.626
49	3620	94	73	219	5948	1.645
50	3713	93	73	221	6169	1.663
51	3804	92	74	222	6391	1.682
52	3895	91	74	224	6615	1.700
53	3984	89	74	225	6840	1.719
54	4073	88	75	226	7066	1.737
55	4160	87	75	227	7293	1.755
56	4246	86	75	228	7521	1.774

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	0.179
2	79	18		15	26	0.325
3	99	20		18	44	0.445
4	122	23		22	66	0.543
5	148	26		26	93	0.625
6	177	29		30	123	0.693
7	209	32	24	34	157	0.751
8	245	36	25	39	196	0.800
9	284	39	27	43	239	0.842
10	326	43	28	48	286	0.878
11	372	46	30	52	339	0.911
12	422	50	31	57	396	0.939
13	475	53	33	63	459	0.966
14	532	57	35	68	527	0.990
15	593	61	37	73	600	1.012
16	657	64	38	79	679	1.033
17	725	68	40	85	763	1.053
18	796	71	42	90	854	1.073
19	870	74	43	96	950	1.092
20	948	78	45	102	1052	1.110
21	1028	81	47	108	1160	1.128
22	1112	84	49	114	1275	1.146
23	1199	87	50	120	1395	1.164
24	1288	89	52	127	1522	1.182
25	1379	92	53	133	1654	1.199
26	1474	94	55	139	1793	1.217
27	1570	96	57	145	1938	1.234
28	1668	98	58	151	2089	1.252
29	1769	100	59	157	2245	1.269
30	1871	102	61	162	2408	1.287
31	1974	104	62	168	2576	1.305
32	2079	105	64	174	2749	1.322
33	2185	106	65	179	2928	1.340
34	2292	107	66	184	3112	1.358
35	2400	108	67	189	3301	1.375
36	2509	109	68	194	3496	1.393
37	2618	109	70	199	3694	1.411
38	2728	110	71	203	3898	1.429
39	2838	110	72	208	4105	1.447
40	2948	110	73	212	4317	1.464
41	3058	110	74	216	4533	1.482
42	3168	110	74	220	4753	1.500
43	3278	110	75	223	4976	1.518
44	3387	109	76	226	5202	1.536
45	3496	109	77	229	5432	1.554
46	3604	108	77	232	5664	1.572
47	3712	108	78	235	5899	1.589
48	3818	107	79	238	6137	1.607
49	3924	106	79	240	6377	1.625
50	4029	105	80	242	6619	1.643
51	4133	104	80	244	6862	1.660
52	4236	103	81	246	7108	1.678
53	4338	102	81	247	7355	1.696
54	4438	100	81	248	7604	1.713
55	4537	99	82	250	7853	1.731
56	4635	98	82	251	8104	1.748

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	62	18			13	0.209
2	80	19		17	30	0.371
3	101	21		20	50	0.498
4	124	23		24	74	0.597
5	150	26		27	101	0.676
6	179	29		31	132	0.740
7	210	32	24	34	166	0.791
8	245	35	25	38	204	0.834
9	282	38	26	42	246	0.870
10	323	41	28	45	291	0.902
11	367	44	29	50	341	0.929
12	413	47	31	54	394	0.954
13	463	50	32	58	452	0.976
14	516	53	34	62	515	0.998
15	572	56	35	67	582	1.018
16	630	58	37	72	654	1.037
17	691	61	38	77	730	1.056
18	755	64	40	82	812	1.075
19	822	66	41	86	898	1.093
20	890	69	42	91	990	1.112
21	961	71	44	97	1086	1.130
22	1035	73	45	102	1188	1.148
23	1110	75	46	107	1295	1.167
24	1187	77	48	112	1406	1.185
25	1266	79	49	117	1523	1.203
26	1346	80	50	122	1645	1.222
27	1428	82	51	126	1771	1.241
28	1510	83	52	131	1902	1.259
29	1595	84	53	136	2038	1.278
30	1680	85	55	140	2179	1.297
31	1765	86	56	145	2323	1.316
32	1852	87	56	149	2473	1.335
33	1939	87	57	153	2626	1.354
34	2027	88	58	157	2783	1.373
35	2114	88	59	161	2945	1.393
36	2202	88	60	165	3110	1.412
37	2290	88	61	169	3278	1.431
38	2378	88	61	172	3450	1.451
39	2466	88	62	175	3626	1.470
40	2554	88	63	178	3804	1.490
41	2641	87	63	181	3985	1.509
42	2728	87	64	184	4169	1.528
43	2814	86	64	186	4356	1.548
44	2899	86	65	189	4545	1.567
45	2984	85	65	191	4736	1.587
46	3069	84	66	193	4929	1.606
47	3152	83	66	195	5124	1.626
48	3234	82	66	197	5321	1.645
49	3316	81	67	198	5519	1.664
50	3396	81	67	200	5719	1.684
51	3476	79	67	201	5920	1.703
52	3554	78	68	202	6122	1.722
53	3631	77	68	203	6325	1.742
54	3708	76	68	204	6529	1.761
55	3783	75	68	205	6733	1.780
56	3856	74	68	205	6938	1.799

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	0.135	0.038			0.026	0.194
2	0.175	0.040		0.035	0.061	0.348
3	0.220	0.045		0.043	0.104	0.471
4	0.271	0.051		0.051	0.155	0.570
5	0.328	0.057		0.059	0.214	0.651
6	0.392	0.064		0.067	0.281	0.717
7	0.462	0.070	0.052	0.076	0.356	0.771
8	0.539	0.077	0.055	0.084	0.441	0.817
9	0.624	0.084	0.059	0.093	0.534	0.856
10	0.716	0.092	0.062	0.103	0.637	0.890
11	0.815	0.099	0.065	0.112	0.749	0.920
12	0.921	0.106	0.069	0.122	0.872	0.947
13	1.035	0.114	0.072	0.133	1.005	0.971
14	1.156	0.121	0.076	0.144	1.148	0.994
15	1.284	0.128	0.079	0.155	1.303	1.015
16	1.419	0.135	0.083	0.166	1.469	1.035
17	1.561	0.142	0.086	0.178	1.647	1.055
18	1.710	0.149	0.090	0.189	1.836	1.074
19	1.865	0.155	0.093	0.201	2.037	1.093
20	2.026	0.161	0.096	0.214	2.251	1.111
21	2.193	0.167	0.100	0.226	2.477	1.129
22	2.366	0.173	0.103	0.238	2.715	1.147
23	2.544	0.178	0.106	0.250	2.965	1.165
24	2.728	0.183	0.110	0.263	3.228	1.183
25	2.916	0.188	0.113	0.275	3.502	1.201
26	3.108	0.192	0.116	0.287	3.789	1.219
27	3.304	0.196	0.119	0.299	4.088	1.237
28	3.504	0.200	0.122	0.311	4.399	1.256
29	3.707	0.203	0.124	0.322	4.721	1.274
30	3.913	0.206	0.127	0.334	5.055	1.292
31	4.122	0.209	0.130	0.345	5.400	1.310
32	4.333	0.211	0.132	0.356	5.756	1.329
33	4.546	0.213	0.135	0.366	6.122	1.347
34	4.761	0.215	0.137	0.377	6.499	1.366
35	4.977	0.216	0.139	0.386	6.885	1.384
36	5.193	0.217	0.142	0.396	7.281	1.403
37	5.411	0.218	0.144	0.405	7.686	1.421
38	5.629	0.218	0.146	0.414	8.100	1.440
39	5.847	0.218	0.147	0.422	8.522	1.458
40	6.065	0.218	0.149	0.430	8.952	1.477
41	6.282	0.217	0.151	0.438	9.390	1.496
42	6.499	0.217	0.152	0.445	9.835	1.514
43	6.715	0.216	0.154	0.451	10.286	1.533
44	6.930	0.215	0.155	0.458	10.744	1.552
45	7.143	0.214	0.157	0.464	11.207	1.570
46	7.355	0.212	0.158	0.469	11.676	1.589
47	7.566	0.210	0.159	0.474	12.151	1.608
48	7.774	0.209	0.160	0.479	12.629	1.626
49	7.981	0.207	0.161	0.483	13.112	1.645
50	8.185	0.204	0.162	0.487	13.599	1.663
51	8.387	0.202	0.163	0.490	14.090	1.682
52	8.587	0.200	0.163	0.494	14.583	1.700
53	8.784	0.197	0.164	0.496	15.080	1.719
54	8.979	0.195	0.164	0.499	15.578	1.737
55	9.171	0.192	0.165	0.501	16.079	1.755
56	9.360	0.189	0.165	0.502	16.581	1.774

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	0.134	0.037			0.024	0.179
2	0.174	0.040		0.032	0.056	0.325
3	0.218	0.045		0.041	0.097	0.445
4	0.269	0.051		0.049	0.146	0.543
5	0.326	0.057		0.058	0.204	0.625
6	0.390	0.064		0.067	0.271	0.693
7	0.461	0.071	0.052	0.076	0.346	0.751
8	0.539	0.078	0.055	0.085	0.431	0.800
9	0.625	0.086	0.059	0.095	0.526	0.842
10	0.719	0.094	0.062	0.105	0.632	0.878
11	0.821	0.102	0.066	0.116	0.747	0.911
12	0.930	0.110	0.069	0.127	0.874	0.939
13	1.048	0.118	0.073	0.138	1.012	0.966
14	1.174	0.126	0.077	0.150	1.161	0.990
15	1.307	0.134	0.081	0.161	1.323	1.012
16	1.448	0.141	0.084	0.174	1.497	1.033
17	1.597	0.149	0.088	0.186	1.683	1.053
18	1.754	0.157	0.092	0.199	1.882	1.073
19	1.918	0.164	0.096	0.212	2.094	1.092
20	2.089	0.171	0.100	0.225	2.319	1.110
21	2.267	0.178	0.103	0.239	2.558	1.128
22	2.452	0.184	0.107	0.252	2.810	1.146
23	2.642	0.191	0.111	0.266	3.076	1.164
24	2.839	0.197	0.114	0.279	3.355	1.182
25	3.041	0.202	0.118	0.292	3.647	1.199
26	3.249	0.208	0.121	0.306	3.953	1.217
27	3.461	0.212	0.125	0.319	4.272	1.234
28	3.678	0.217	0.128	0.332	4.604	1.252
29	3.899	0.221	0.131	0.345	4.950	1.269
30	4.124	0.225	0.134	0.358	5.308	1.287
31	4.352	0.228	0.137	0.370	5.678	1.305
32	4.583	0.231	0.140	0.383	6.061	1.322
33	4.817	0.234	0.143	0.394	6.455	1.340
34	5.054	0.236	0.146	0.406	6.861	1.358
35	5.292	0.238	0.148	0.417	7.278	1.375
36	5.531	0.240	0.151	0.428	7.706	1.393
37	5.772	0.241	0.153	0.438	8.145	1.411
38	6.014	0.242	0.156	0.448	8.593	1.429
39	6.257	0.242	0.158	0.458	9.051	1.447
40	6.499	0.243	0.160	0.467	9.518	1.464
41	6.742	0.243	0.162	0.476	9.994	1.482
42	6.984	0.242	0.164	0.484	10.478	1.500
43	7.226	0.242	0.166	0.492	10.970	1.518
44	7.467	0.241	0.168	0.499	11.469	1.536
45	7.707	0.240	0.169	0.506	11.975	1.554
46	7.946	0.239	0.171	0.512	12.487	1.572
47	8.183	0.237	0.172	0.518	13.005	1.589
48	8.418	0.235	0.173	0.524	13.529	1.607
49	8.651	0.233	0.175	0.529	14.058	1.625
50	8.883	0.231	0.176	0.534	14.591	1.643
51	9.112	0.229	0.177	0.538	15.129	1.660
52	9.339	0.227	0.178	0.541	15.671	1.678
53	9.563	0.224	0.179	0.545	16.215	1.696
54	9.784	0.221	0.179	0.548	16.763	1.713
55	10.003	0.219	0.180	0.550	17.314	1.731
56	10.219	0.216	0.181	0.553	17.866	1.748

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	0.136	0.039			0.028	0.209
2	0.177	0.041		0.037	0.066	0.371
3	0.222	0.046		0.045	0.111	0.498
4	0.273	0.051		0.053	0.163	0.597
5	0.330	0.057		0.060	0.223	0.676
6	0.394	0.063		0.068	0.291	0.740
7	0.463	0.070	0.052	0.075	0.367	0.791
8	0.539	0.076	0.055	0.083	0.450	0.834
9	0.622	0.083	0.058	0.092	0.542	0.870
10	0.712	0.090	0.062	0.100	0.642	0.902
11	0.808	0.096	0.065	0.109	0.751	0.929
12	0.912	0.103	0.068	0.118	0.869	0.954
13	1.021	0.110	0.071	0.128	0.997	0.976
14	1.138	0.116	0.074	0.138	1.135	0.998
15	1.260	0.123	0.078	0.148	1.283	1.018
16	1.389	0.129	0.081	0.158	1.441	1.037
17	1.524	0.135	0.084	0.169	1.610	1.056
18	1.665	0.141	0.087	0.180	1.790	1.075
19	1.811	0.146	0.090	0.191	1.981	1.093
20	1.963	0.152	0.093	0.202	2.182	1.112
21	2.120	0.157	0.096	0.213	2.395	1.130
22	2.281	0.161	0.099	0.224	2.619	1.148
23	2.447	0.166	0.102	0.235	2.854	1.167
24	2.617	0.170	0.105	0.246	3.100	1.185
25	2.790	0.174	0.108	0.257	3.358	1.203
26	2.967	0.177	0.110	0.268	3.626	1.222
27	3.147	0.180	0.113	0.279	3.904	1.241
28	3.330	0.183	0.115	0.289	4.194	1.259
29	3.515	0.185	0.118	0.300	4.493	1.278
30	3.703	0.187	0.120	0.310	4.803	1.297
31	3.892	0.189	0.122	0.319	5.122	1.316
32	4.083	0.191	0.125	0.329	5.451	1.335
33	4.275	0.192	0.127	0.338	5.789	1.354
34	4.468	0.193	0.129	0.347	6.137	1.373
35	4.661	0.194	0.130	0.356	6.492	1.393
36	4.855	0.194	0.132	0.364	6.856	1.412
37	5.050	0.194	0.134	0.372	7.228	1.431
38	5.243	0.194	0.135	0.379	7.607	1.451
39	5.437	0.194	0.137	0.386	7.993	1.470
40	5.630	0.193	0.138	0.393	8.386	1.490
41	5.822	0.192	0.140	0.400	8.786	1.509
42	6.014	0.191	0.141	0.406	9.191	1.528
43	6.204	0.190	0.142	0.411	9.603	1.548
44	6.392	0.189	0.143	0.416	10.019	1.567
45	6.579	0.187	0.144	0.421	10.440	1.587
46	6.765	0.185	0.145	0.426	10.866	1.606
47	6.949	0.184	0.146	0.430	11.296	1.626
48	7.130	0.182	0.147	0.434	11.730	1.645
49	7.310	0.180	0.147	0.437	12.167	1.664
50	7.487	0.177	0.148	0.440	12.607	1.684
51	7.663	0.175	0.148	0.443	13.051	1.703
52	7.835	0.173	0.149	0.446	13.496	1.722
53	8.006	0.170	0.149	0.448	13.944	1.742
54	8.174	0.168	0.150	0.449	14.393	1.761
55	8.339	0.165	0.150	0.451	14.844	1.780
56	8.502	0.163	0.150	0.452	15.297	1.799

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.

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.

		Portion					Debone		
Live Weight kg	Live Weight lb	Eviscerated %	Breast %	Thigh %	Drumstick %	Wing %	Leg Meat %	Breast %	Total Meat %
1.6	3.53	70.26	22.31	12.70	9.82	7.75	15.01	22.31	37.32
1.8	3.97	71.13	23.38	12.96	9.79	7.71	15.49	23.38	38.86
2.0	4.41	71.83	24.23	13.16	9.76	7.68	15.87	24.23	40.10
2.2	4.85	72.40	24.92	13.33	9.73	7.65	16.19	24.92	41.11
2.4	5.29	72.88	25.50	13.47	9.71	7.63	16.45	25.50	41.96
2.6	5.73	73.28	26.00	13.59	9.69	7.61	16.68	26.00	42.67
2.8	6.17	73.63	26.42	13.69	9.68	7.59	16.87	26.42	43.28
3.0	6.61	73.92	26.78	13.78	9.66	7.57	17.03	26.78	43.81
3.2	7.05	74.19	27.10	13.86	9.65	7.56	17.18	27.10	44.28
3.4	7.50	74.42	27.38	13.92	9.64	7.55	17.30	27.38	44.69
3.6	7.94	74.62	27.63	13.98	9.63	7.54	17.42	27.63	45.05
3.8	8.38	74.80	27.86	14.04	9.62	7.53	17.52	27.86	45.38
4.0	8.82	74.97	28.06	14.09	9.62	7.52	17.61	28.06	45.67
4.2	9.26	75.12	28.24	14.13	9.61	7.52	17.69	28.24	45.93
4.4	9.70	75.25	28.41	14.17	9.61	7.51	17.77	28.41	46.17
4.6	10.14	75.38	28.56	14.21	9.60	7.50	17.84	28.56	46.39
4.8	10.58	75.49	28.70	14.24	9.59	7.50	17.90	28.70	46.60



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	70.55	23.73	12.87	9.39	7.73	15.58	23.73	39.31
1.8	3.97	71.50	24.98	13.03	9.31	7.68	15.73	24.98	40.71
2.0	4.41	72.27	25.98	13.15	9.24	7.64	15.84	25.98	41.82
2.2	4.85	72.89	26.80	13.25	9.19	7.61	15.94	26.80	42.74
2.4	5.29	73.41	27.48	13.33	9.14	7.59	16.02	27.48	43.50
2.6	5.73	73.85	28.06	13.41	9.11	7.56	16.09	28.06	44.15
2.8	6.17	74.23	28.56	13.47	9.08	7.55	16.15	28.56	44.70
3.0	6.61	74.56	28.99	13.52	9.05	7.53	16.20	28.99	45.18
3.2	7.05	74.85	29.36	13.56	9.02	7.51	16.24	29.36	45.60
3.4	7.50	75.10	29.69	13.60	9.00	7.50	16.28	29.69	45.97
3.6	7.94	75.32	29.99	13.64	8.98	7.49	16.31	29.99	46.30
3.8	8.38	75.52	30.25	13.67	8.97	7.48	16.35	30.25	46.60
4.0	8.82	75.71	30.49	13.70	8.95	7.47	16.37	30.49	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.



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