

# SPRING 2018 CHAROLAIS NATIONAL CATTLE EVALUATION

## American-International Charolais Association

PHENOTYPIC TREND - BIRTH AND GROWTH								
(Includes all animals in the AICA Performance Database used in computation of EPD)								
YEAR	FEMALES				MALES			
	BWT	WWT	GAIN	YWT	BWT	WWT	GAIN	YWT
1991	88	579	298	876	92	634	491	1124
1992	88	591	291	882	92	645	486	1134
1993	87	592	288	882	91	643	495	1151
1994	87	584	290	875	91	637	493	1135
1995	86	583	287	871	91	635	481	1128
1996	86	574	282	861	90	626	484	1114
1997	86	578	293	884	90	634	494	1141
1998	85	581	300	888	89	635	498	1143
1999	85	591	310	906	89	648	519	1175
2000	85	598	304	913	89	657	500	1166
2001	85	596	298	902	89	652	499	1159
2002	85	594	312	914	89	654	507	1171
2003	85	596	308	912	89	653	503	1172
2004	84	603	291	906	89	669	511	1193
2005	85	600	314	923	89	665	513	1195
2006	84	607	307	912	89	674	499	1184
2007	84	595	299	898	89	665	503	1183
2008	84	601	278	886	89	665	503	1191
2009	84	601	282	893	88	666	496	1182
2010	83	602	275	874	88	671	492	1181
2011	83	602	274	880	88	665	509	1184
2012	83	607	275	885	88	677	496	1192
2013	83	601	267	877	88	663	499	1178
2014	83	607	279	902	88	675	509	1197
2015	83	610	279	915	87	678	503	1197
2016	83	614	281	913	87	678	499	1206

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Phenotypic Distribution for Carcasses (Male) in the Charolais Database. Adjusted to 480 Days.

Trait	No. of Records	Avg	Std. Dev	Min	Max
Hot Carcass Weight (HCW)	7,431	809	98.20	410	1135
Ribeye Area (REA)	7,610	14.08	1.56	9.10	20.10
Fat Thickness (FAT)	7,578	0.40	0.17	0.01	2.22
Marbling (MARB)	7,563	4.83	1.11	1.10	10.00

Phenotypic Distribution for Carcasses (Female) in the Charolais Database. Adjusted to 480 Days.

Trait	No. of Records	Avg	Std. Dev	Min	Max
Hot Carcass Weight (HCW)	3,680	809	84.03	466	1253
Ribeye Area (REA)	3,681	14.99	1.79	9.50	21.70
Fat Thickness (FAT)	3,474	0.38	0.16	0.05	3.53
Marbling (MARB)	3,457	4.52	1.03	2.12	9.55

Phenotypic Distribution for Ultrasound (Bulls) in the Charolais Database. Adjusted to 365 Days.

Trait	No. of Records	Avg	Std. Dev	Min	Max
Scan Weight	53,757	1145	139.03	405	2065
Ribeye Area	54,296	13.80	1.93	5.70	21.70
Rib Fat Thickness	49,751	0.17	0.06	0.03	0.50
Rump Fat Thickness	35,334	0.19	0.07	0.02	0.63
% IMF	52,384	2.78	0.66	0.65	6.13

Phenotypic Distribution for Ultrasound (Heifers) in the Charolais Database. Adjusted to 365 Days.

Trait	No. of Records	Avg	Std. Dev	Min	Max
Scan Weight	11,563	844	110.05	424	1438
Ribeye Area	11,517	10.3	1.60	5.60	17.00
Rib Fat Thickness	10,207	0.16	0.06	0.03	0.47
Rump Fat Thickness	7,951	0.21	0.08	0.03	0.60
% IMF	11,120	3.39	0.83	0.95	7.53