

## GENETIC EVALUATION PERCENTILE TABLES FOR WELLNESS TRAITS (HOLSTEIN MALES) – AUGUST 2020

Percentile tables allow for understanding relevant animal rankings within a similar population of animals. The percentile tables (below) use data within the Zoetis genetic evaluation databases for Holstein males. The traits may be broken out by birth year, where important differences exist. Higher values are more desirable.

Percentile for Dairy Wellness Profit Index® (DWP\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-919	164	300	382	451	512	572	634	703	794	863	979	1230
Born 2013	-642	-87	62	133	186	240	294	354	437	524	584	753	813
Born 2014	-667	-31	98	161	227	276	326	378	449	544	610	736	844
Born 2015	-782	8	139	230	299	348	398	449	507	587	657	771	949
Born 2016	-705	-18	137	215	287	345	391	446	511	596	661	795	918
Born 2017	-782	144	271	339	396	447	495	544	601	678	739	861	1096
Born 2018	-830	236	324	385	435	484	530	580	636	715	779	906	1164
Born 2019	-783	397	502	570	621	665	709	754	807	875	926	1028	1162
Born 2020	-919	445	541	606	656	697	737	782	831	895	954	1055	1230

Percentile for Wellness Trait Index® (WT\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-469	-129	-77	-42	-13	15	42	67	99	139	171	230	330
Born 2013	-323	-116	-64	-14	17	47	70	98	131	172	201	245	286
Born 2014	-389	-128	-67	-27	13	46	75	98	130	170	206	253	305
Born 2015	-352	-120	-71	-33	-2	26	52	86	121	163	193	250	330
Born 2016	-406	-134	-82	-41	-10	17	46	77	106	147	183	246	304
Born 2017	-410	-136	-87	-53	-24	3	31	58	89	130	166	227	312
Born 2018	-469	-150	-98	-60	-31	-3	23	51	80	122	156	214	289
Born 2019	-406	-103	-59	-26	2	27	52	75	102	142	170	224	314
Born 2020	-355	-110	-55	-21	7	35	61	86	117	157	186	231	301

Percentile for Calf Wellness Index® (CW\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-145	-28	-13	-3	5	13	21	29	37	48	57	73	108
Born 2013	-91	-50	-35	-23	-13	-5	1	10	19	29	38	54	82
Born 2014	-109	-47	-34	-21	-12	-4	3	11	20	32	41	59	75
Born 2015	-106	-37	-22	-12	-2	6	14	23	32	42	52	70	95
Born 2016	-103	-37	-22	-12	-3	4	12	21	30	42	51	69	96
Born 2017	-108	-26	-10	0	8	16	25	32	41	52	60	77	108
Born 2018	-117	-31	-16	-6	2	10	17	25	34	45	54	70	98
Born 2019	-111	-16	-3	6	14	21	28	35	42	53	61	77	100
Born 2020	-82	-22	-9	-1	7	14	20	28	35	45	55	70	105

Percentile for Cow and Calf Wellness Traits in Standardized Transmitting Abilities (STA) for all ages*													
Trait - All Ages	0	10	20	30	40	50	60	70	80	90	95	99	100
Z_DA	66	93	95	97	98	99	100	101	103	104	105	107	110
Z_KET	68	98	100	102	103	104	105	106	107	108	109	110	112
Z_LAME	76	93	95	97	98	99	101	102	103	105	106	109	114
Z_MAST	77	93	95	97	98	100	101	102	104	106	107	110	114
Z_MET	75	96	98	100	101	102	103	104	106	107	108	110	113
Z_RP	77	94	96	98	99	100	101	102	104	105	106	109	112
Z_CalfLIV	78	94	97	98	100	101	102	104	105	107	108	110	115
Z_CalfRESP	75	96	98	99	101	102	103	104	106	107	109	111	115
Z_CalfSCOURS	78	97	99	101	102	103	104	105	106	108	109	111	117
Z_MF	79	95	96	97	98	99	100	101	102	103	103	105	108
Z_CowRESP	75	93	95	97	98	99	100	101	103	104	106	108	112
Z_CowAbort	75	92	94	95	96	97	98	100	101	103	104	107	114
Z_Twinning	71	94	97	98	100	101	102	103	104	105	107	108	112
Z_CYSOV	79	94	96	97	99	100	101	102	103	105	106	108	113

**Zoetis Genetics Customer Service Contact Information:**  
**geneticsservice@zoetis.com or 877-233-3362**

**DAIRY WELLNESS MAKES A DIFFERENCE™**

\* Data on file, Zoetis LLC., 2020

All trademarks are the property of Zoetis Services LLC or a related company or a licensor unless otherwise noted. © 2020 Zoetis Services LLC. All rights reserved. CLR-00235



## GENETIC EVALUATION PERCENTILE TABLES FOR WELLNESS TRAITS (HOLSTEIN FEMALES) – AUGUST 2020

Percentile tables allow for understanding relevant animal rankings within a similar population of animals. The percentile tables (below) use data within the Zoetis genetic evaluation databases for Holstein females. The traits may be broken out by birth year, where important differences exist. Higher values are more desirable.

Percentile for Dairy Wellness Profit Index® (DWP\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-1281	-135	-1	90	164	230	293	359	432	531	611	761	1226
Born 2013	-1010	-356	-253	-180	-120	-63	-8	51	119	212	291	435	811
Born 2014	-1132	-294	-192	-117	-56	2	59	120	190	285	358	493	855
Born 2015	-1198	-221	-109	-34	30	88	143	203	271	360	435	572	938
Born 2016	-1085	-156	-47	27	90	147	202	259	326	418	491	622	941
Born 2017	-1145	-58	44	113	172	225	278	333	397	485	555	685	1020
Born 2018	-1108	-5	93	161	218	270	321	375	438	523	592	722	1108
Born 2019	-1034	70	174	245	302	355	406	459	522	608	681	821	1211
Born 2020	-963	157	262	334	390	442	494	548	612	700	768	898	1226

Percentile for Wellness Trait Index® (WT\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-606	-123	-71	-34	-3	24	51	79	110	151	184	239	403
Born 2013	-568	-158	-101	-62	-29	1	28	58	91	134	168	229	345
Born 2014	-520	-145	-90	-51	-19	11	39	69	101	144	178	232	371
Born 2015	-528	-129	-75	-36	-5	24	52	80	112	152	184	241	379
Born 2016	-514	-121	-66	-27	4	31	59	88	119	160	193	247	357
Born 2017	-528	-114	-62	-25	6	33	59	87	118	159	191	245	403
Born 2018	-499	-117	-66	-30	-1	26	53	80	112	152	185	239	371
Born 2019	-468	-114	-64	-30	0	26	52	79	110	150	181	236	392
Born 2020	-436	-111	-60	-27	1	28	53	80	110	150	181	239	360

Percentile for Calf Wellness Index® (CW\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-207	-34	-18	-8	1	9	17	24	33	45	54	70	112
Born 2013	-176	-55	-38	-27	-17	-9	0	8	18	31	41	59	101
Born 2014	-181	-48	-31	-20	-11	-2	6	14	23	35	45	61	97
Born 2015	-186	-41	-26	-16	-7	1	9	17	26	38	47	64	100
Born 2016	-167	-38	-23	-12	-4	4	12	20	29	41	50	66	105
Born 2017	-144	-31	-16	-6	3	11	18	26	34	46	55	70	108
Born 2018	-151	-28	-14	-4	4	12	19	27	36	47	56	71	108
Born 2019	-128	-24	-10	0	8	15	22	30	38	49	57	72	112
Born 2020	-129	-22	-8	1	9	16	23	30	38	49	57	71	107



Percentile for Cow and Calf Wellness Traits in Standardized Transmitting Abilities (STA) for all ages*													
Trait - All Ages	0	10	20	30	40	50	60	70	80	90	95	99	100
Z_DA	62	93	96	98	99	100	101	102	103	105	106	108	111
Z_KET	64	95	97	99	100	102	103	104	105	107	108	109	113
Z_LAME	72	93	96	97	99	100	101	103	104	106	107	110	115
Z_MAST	73	93	96	97	99	100	101	103	104	106	107	110	114
Z_MET	71	95	97	99	100	101	103	104	105	107	108	110	115
Z_RP	69	94	96	98	99	100	102	103	104	106	107	109	114
Z_CalfLIV	50	94	97	99	100	101	103	104	105	107	108	110	116
Z_CalfRESP	72	95	97	99	100	101	103	104	105	107	108	111	116
Z_CalfSCOURS	69	95	97	99	100	101	102	104	105	107	108	110	117
Z_MF	75	95	97	98	99	100	101	101	102	103	104	105	108
Z_CowRESP	68	94	96	98	99	100	101	103	104	106	107	109	115
Z_CowAbort	73	93	95	97	98	99	101	102	103	105	107	109	118
Z_Twinning	64	94	97	98	100	101	102	103	104	106	107	109	113
Z_CYSOV	68	94	96	98	99	100	101	103	104	106	107	110	118

**Zoetis Genetics Customer Service Contact Information:**  
**geneticsservice@zoetis.com or 877-233-3362**

**DAIRY WELLNESS MAKES A DIFFERENCE™**

\* Data on file, Zoetis LLC., 2020

All trademarks are the property of Zoetis Services LLC or a related company or a licensor unless otherwise noted. © 2020 Zoetis Services LLC. All rights reserved. CLR-00235



## GENETIC EVALUATION PERCENTILE TABLES FOR WELLNESS TRAITS (JERSEY MALES) – AUGUST 2020

Percentile tables allow for understanding relevant animal rankings within a similar population of animals. The percentile tables (below) use data within the Zoetis genetic evaluation databases for Jersey males. The traits may be broken out by birth year, where important differences exist. Higher values are more desirable.

Percentile for Dairy Wellness Profit Index® (DWP\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-810	61	185	267	329	383	433	492	554	615	660	742	818
Born 2013	-810	-130	-64	-26	9	69	135	161	218	337	383	500	500
Born 2014	-260	-40	2	109	136	163	243	290	341	398	435	598	598
Born 2015	-473	-18	58	123	177	194	244	292	346	403	480	559	571
Born 2016	-179	55	139	176	223	249	293	330	370	427	465	592	640
Born 2017	-355	50	179	251	294	335	377	412	447	529	569	721	731
Born 2018	-117	126	204	266	301	348	387	429	505	564	611	698	736
Born 2019	-430	146	287	372	419	464	524	568	605	655	694	763	811
Born 2020	-443	314	376	422	463	496	528	562	601	647	692	780	818

Percentile for Wellness Trait Index® (WT\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-346	-91	-46	-17	7	27	47	65	88	114	136	166	237
Born 2013	-196	-85	-52	-21	-6	24	49	63	93	122	133	150	150
Born 2014	-327	-68	-50	-26	-5	12	35	70	87	100	144	172	172
Born 2015	-220	-120	-77	-43	-19	2	25	49	90	109	114	144	164
Born 2016	-271	-104	-58	-24	3	26	43	61	81	104	123	175	186
Born 2017	-264	-87	-51	-35	-13	15	38	53	80	111	127	150	201
Born 2018	-229	-81	-39	-13	0	21	38	66	95	113	128	181	201
Born 2019	-168	-61	-25	0	18	37	54	74	91	121	140	173	187
Born 2020	-346	-110	-59	-22	8	29	47	64	86	116	140	160	181

Percentile for Calf Wellness Index® (CW\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-165	-58	-34	-17	-4	9	20	33	47	65	80	105	124
Born 2013	-156	-73	-57	-46	-20	-12	1	9	19	47	53	86	86
Born 2014	-163	-66	-41	-22	-15	-8	4	27	47	60	82	105	105
Born 2015	-142	-90	-66	-38	-19	-7	4	18	34	50	68	82	89
Born 2016	-130	-62	-35	-15	-2	7	16	29	43	66	84	105	113
Born 2017	-125	-52	-34	-20	-7	1	13	30	42	57	71	103	109
Born 2018	-130	-72	-44	-26	-9	5	17	29	43	67	82	94	114
Born 2019	-165	-48	-27	-17	-3	10	23	34	46	60	70	94	117
Born 2020	-137	-41	-16	0	12	20	30	43	60	77	96	111	119

Percentile for Cow and Calf Wellness Traits in Standardized Transmitting Abilities (STA) for all ages*													
Trait - All Ages	0	10	20	30	40	50	60	70	80	90	95	99	100
Z_DA	72	94	94	98	99	100	101	102	103	104	106	108	113
Z_KET	80	96	96	100	101	103	104	105	106	108	109	112	114
Z_LAME	77	92	92	97	98	100	101	102	104	106	107	110	112
Z_MAST	76	93	93	98	99	101	102	103	104	106	107	109	113
Z_MET	84	97	97	100	102	103	104	105	106	107	108	110	112
Z_RP	81	95	95	99	100	102	103	104	105	106	107	110	115
Z_MF	59	95	95	98	99	100	101	102	103	105	106	108	111
Z_CalfLIV	68	92	92	97	99	100	101	103	104	106	107	109	112
Z_CalfRESP	80	95	95	101	102	104	105	106	108	109	111	113	115
Z_CalfSCOURS	83	92	92	96	98	99	101	102	104	106	107	110	111
Z_CowRESP	76	95	95	98	100	101	101	102	104	105	107	109	113
Z_CowAbort	84	94	94	97	98	99	100	101	103	104	106	108	111
Z_Twinning	81	93	93	98	99	100	101	103	104	106	107	108	111
Z_CYSOV	79	96	96	100	101	102	104	105	106	108	109	111	115

**Zoetis Genetics Customer Service Contact Information:**  
**geneticsservice@zoetis.com or 877-233-3362**

**DAIRY WELLNESS MAKES A DIFFERENCE™**

\* Data on file, Zoetis LLC., 2020

All trademarks are the property of Zoetis Services LLC or a related company or a licensor unless otherwise noted. © 2020 Zoetis Services LLC. All rights reserved. CLR-00235



## GENETIC EVALUATION PERCENTILE TABLES FOR WELLNESS TRAITS (JERSEY FEMALES) – AUGUST 2020

Percentile tables allow for understanding relevant animal rankings within a similar population of animals. The percentile tables (below) use data within the Zoetis genetic evaluation databases for Jersey females. The traits may be broken out by birth year, where important differences exist. Higher values are more desirable.

Percentile for Dairy Wellness Profit Index® (DWP\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-848	-129	-33	34	90	141	191	243	302	381	445	560	873
Born 2013	-653	-292	-213	-153	-104	-59	-14	34	89	162	221	330	494
Born 2014	-848	-220	-149	-94	-48	-6	34	77	128	200	257	365	587
Born 2015	-678	-182	-108	-54	-10	32	74	114	163	229	286	388	590
Born 2016	-659	-105	-34	15	57	96	135	177	226	294	346	455	749
Born 2017	-691	-50	21	69	110	151	189	230	277	340	395	497	665
Born 2018	-656	32	97	144	181	217	252	291	336	396	445	540	763
Born 2019	-828	80	147	195	235	271	307	346	391	453	509	606	873
Born 2020	-574	153	227	274	317	355	397	436	479	538	589	678	836

Percentile for Wellness Trait Index® (WT\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-373	-90	-50	-22	1	21	41	61	83	112	134	171	254
Born 2013	-373	-87	-45	-17	6	26	46	66	90	120	141	180	236
Born 2014	-321	-87	-50	-23	-2	19	39	59	81	110	133	172	231
Born 2015	-366	-92	-48	-22	1	21	40	60	81	108	129	168	222
Born 2016	-317	-97	-58	-30	-8	12	32	53	74	104	125	165	241
Born 2017	-335	-119	-74	-44	-20	3	25	45	68	98	120	156	229
Born 2018	-312	-90	-52	-25	-2	19	39	59	82	110	133	168	235
Born 2019	-331	-74	-36	-9	13	32	50	70	90	118	138	175	241
Born 2020	-312	-73	-34	-7	14	33	51	69	88	114	135	169	233

Percentile for Calf Wellness Index® (CW\$®)*													
Age Group	0	10	20	30	40	50	60	70	80	90	95	99	100
All Ages	-205	-57	-35	-19	-6	7	20	33	48	68	83	110	178
Born 2013	-179	-62	-40	-25	-12	1	13	25	41	60	75	105	173
Born 2014	-196	-61	-39	-23	-10	2	15	27	42	61	77	107	178
Born 2015	-205	-55	-33	-18	-4	8	20	33	48	68	83	109	160
Born 2016	-170	-58	-35	-18	-5	9	23	36	52	72	89	118	163
Born 2017	-169	-47	-26	-9	4	16	30	42	57	77	92	119	161
Born 2018	-201	-57	-34	-19	-5	8	21	34	49	67	81	105	151
Born 2019	-167	-62	-40	-25	-11	2	15	29	44	64	78	101	142
Born 2020	-155	-52	-31	-15	-2	12	23	35	49	66	78	100	130

Percentile for Cow and Calf Wellness Traits in Standardized Transmitting Abilities (STA) for all ages*													
Trait - All Ages	0	10	20	30	40	50	60	70	80	90	95	99	100
Z_DA	67	94	96	98	99	100	101	102	104	105	107	109	115
Z_KET	58	94	97	99	100	101	103	104	105	107	108	111	117
Z_LAME	69	93	96	97	99	100	102	103	104	106	108	110	114
Z_MAST	76	93	96	97	99	100	101	103	104	106	107	109	114
Z_MET	66	95	97	99	100	102	103	104	105	107	108	110	114
Z_RP	61	94	96	98	99	101	102	103	104	106	107	109	114
Z_MF	59	94	96	98	99	100	101	102	103	105	106	109	113
Z_CalfLIV	71	93	95	97	99	100	102	103	104	106	107	110	114
Z_CalfRESP	70	94	96	98	100	101	103	104	106	107	109	111	116
Z_CalfSCOURS	80	92	95	96	98	99	101	102	104	106	108	110	117
Z_CowRESP	75	94	97	98	99	101	102	103	104	106	108	111	118
Z_CowAbort	69	94	96	97	99	100	101	102	103	105	107	109	117
Z_Twinning	67	93	96	97	99	100	101	102	104	106	107	109	113
Z_CYSOV	65	95	97	99	100	101	103	104	105	107	109	112	120

**Zoetis Genetics Customer Service Contact Information:**  
**geneticsservice@zoetis.com or 877-233-3362**

**DAIRY WELLNESS MAKES A DIFFERENCE™**

\* Data on file, Zoetis LLC., 2020

All trademarks are the property of Zoetis Services LLC or a related company or a licensor unless otherwise noted. © 2020 Zoetis Services LLC. All rights reserved. CLR-00235

**zoetis**