

National genetic trends by birth year for Holstein cows
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Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	164444	2016	-568	-29.2	-24.9	-0.06	-0.04	97.3	96.6	-5.1	-0.3	-2.8	-6.6	0.5	95.5	98.0	96.7
2012	165703	2102	-516	-24.2	-21.6	-0.03	-0.03	97.5	96.8	-3.9	0.1	-2.0	-5.4	0.7	96.0	98.0	97.1
2013	157980	2185	-378	-19.8	-16.7	-0.04	-0.03	97.5	97.3	-3.0	0.3	-1.4	-4.4	0.9	96.6	98.1	97.3
2014	154678	2272	-297	-14.9	-12.7	-0.02	-0.02	98.0	98.0	-2.2	0.3	-0.6	-3.6	1.1	97.4	98.4	97.6
2015	155962	2351	-209	-10.2	-8.9	-0.01	-0.01	98.2	98.4	-1.2	0.7	-0.1	-2.7	1.2	98.0	98.5	98.1
2016	148611	2439	-80	-4.3	-4.1	-0.00	-0.01	98.4	98.8	-0.6	0.9	0.3	-1.9	1.3	98.6	98.9	98.8
2017	140991	2524	30	-0.1	0.5	-0.00	-0.00	98.8	99.4	0.4	1.0	0.9	-0.8	1.7	99.4	99.0	99.3
2018	135886	2611	101	6.1	4.8	0.02	0.01	99.1	99.5	1.2	1.0	1.3	0.2	2.0	99.9	99.4	100.0
2019	125670	2701	188	13.0	10.2	0.05	0.03	99.3	100.1	1.8	1.2	1.7	0.8	2.1	100.5	99.6	100.5
2020	116851	2794	300	22.0	15.8	0.09	0.05	99.3	100.4	2.6	1.8	2.2	1.5	2.3	100.8	99.6	100.8
2021	101635	2879	338	27.9	19.1	0.13	0.06	99.5	100.7	3.6	2.3	2.9	2.3	2.7	101.4	99.8	101.1

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2011-2021	86	91	5.7	4.4	0.02	0.01	0.2	0.4	0.9	0.3	0.6	0.9	0.2	0.6	0.2	0.4	
2016-2021	88	84	6.4	4.6	0.03	0.01	0.2	0.4	0.8	0.3	0.5	0.8	0.3	0.6	0.2	0.5	

Notes:

1. Based on all cows with both production and type indexes.
2. Production in kg EBV units and conformation in EBV points.
3. Conformation indexes based on first lactation classifications of each cow.