



2020 Annual Summary

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Well, 2020 was certainly a unique year for dairymen and Heart of America DHIA members. As you know, we experienced producers dumping milk and shortages of milk in stores at the same time. We saw record low prices as well as more comfortable ones. In the DHIA world, we had field techs as well as farmers cancelling testdays to help keep people healthy. We got used to not shaking hands as well as only seeing people with a mask on their face. Outside of the industry, we saw riots and one of the most interesting elections in our country's history. The good news is: "we survived!"

Heart of America DHIA remains strong financially despite the constant drop in herds seen in our area as well as throughout the nation. Dairy farm data is more important than ever these days. The incredible amount of data amassed at this time not only helps on your farm, but also makes a difference in the wider industry through research, study, and innovation. With all of the data available today, it can be easy to feel overwhelmed. The important thing is to identify what's important to you and your operation, and then use it to its largest advantage. Some things that we took for granted in the past are not always as important now. Pieces of information that are not used on another farm may have incredible value to you. DHIA's job is to provide the information that you need. Please let us know if there are things that you need on your farm that we can provide. And THANK YOU for what you do!

A big thank you also is deserved by the employees of Heart of America DHIA. Field technicians and support staff work hard to provide the service you need. Why not remind them how much you appreciate their efforts on the next phone call or visit to your farm?

Board of Directors: *(as of 12-31-2020)*

Jon Qual – Lisbon, North Dakota
Kevin Souza – Milbank, South Dakota
Ben Steffen – Humboldt, Nebraska
Dave Crook – Humboldt, Nebraska
Todd Pauly – Garden Plain, Kansas
Dave Lane – Goddard, Kansas
Windy Holland – Siloam Springs, Arkansas

Heart of America DHIA 2020 Summary Tables

Table 1. Current and historical participation in various DHIA testing programs

Code	Type of Test	Herds	Cows/		2017	2018	2019	2020
			Cows	Herd				
0	DHI	0	0	0	0.0	0.0	0.0	0.0
2	DHI-APCS	16	15,442	965	18.9	15.9	16.8	16.6
20	DHIR	1	147	147	2.7	2.9	3.1	0.2
22	DHIR-APCS	6	3,038	506	3.9	2.4	2.0	3.3
23	DHIR-APCS	45	16,984	377	9.2	13.2	15.5	18.2
31	DHI-AP	100	23,116	231	34.1	37.0	34.6	24.8
34	DHI-MO-AP	1	3,547	3,547	0.0	0.0	0.0	3.8
40	OS	7	2,816	402	2.4	2.7	2.9	3.0
41	OS-AP	34	5,736	169	5.7	5.8	4.6	6.2
42	OS-APCS	8	945	118	2.5	2.9	1.6	1.0
43	OS-MO	2	1,087	544	0.2	0.1	0.3	1.2
44	DHI-MO-OS-AP	2	772	386	0.6	0.7	0.8	0.8
45	OS-BA	0	0	0	0.4	0.5	0.0	0.0
71	SS-AP	30	16,490	550	15.4	13.2	15.0	17.7
72	SS-APCS	2	3,001	1,501	4.2	2.7	2.9	3.2

^ percent of cows in each category ^

Table 2. HOA State Averages 2020

State	Cows/Herd	RHA Milk	RHA lbs		SCC Actual
			Fat	Prot	
Arkansas	169	16,481	662	536	332
Colorado	691	24,567	866	765	219
Iowa	196	22,621	942	733	193
Kansas	186	20,694	816	667	268
Minnesota	966	27,640	1024	884	233
Missouri	108	18,384	765	629	255
Nebraska	393	21,826	825	688	267
Oklahoma	154	15,287	590	500	358
N. Dakota	510	19,989	806	650	260
S. Dakota	836	22,089	904	721	226

Heart of America DHIA 2020 Summary Tables

Table 3. Total Herds and Total Cows by State 2017-2020

State	2017	2018	2019	2020	2017	2018	2019	2020
Arkansas	5	5	5	5	1,003	1,024	937	846
Colorado	18	14	13	8	17,786	12,607	12,111	5,527
Iowa	12	11	10	9	8,314	6,621	6,617	1,768
Kansas	116	111	102	93	20,977	20,486	18,267	17,311
Minnesota			2	3			1,697	2,897
Missouri	3	3	3	3	327	335	327	323
Nebraska	72	70	58	52	30,163	30,503	26,776	20,435
N. Dakota	14	14	12	12	5,172	5,544	6,132	6,122
Oklahoma	34	32	28	29	4,473	4,663	4,483	4,472
S. Dakota	66	57	45	40	33,994	32,934	32,721	33,422
Totals	340	317	278	254	122,208	114,717	110,068	93,123

Table 4. HOA Herd Breed Averages 2020

Breed	Cows	Cow/Herd	Milk	Fat	Protein	SCC Actual (1000)	Calving Inter- val (mo.)
Ayrshire	24	24	6,583	244	211	232	13.7
Brown Swiss	144	48	18,704	786	649	187	15.9
Guernsey	0	0	0	0	0	0	0.0
Holstein	65,664	398	21,873	828	685	258	14.1
Jersey	4,808	192	16,141	779	599	296	13.9
M. Shorthorn	155	77	12,099	459	379	384	15.1
Mixed/Crossbred	22,327	385	19,814	798	655	283	13.6

Table 5. Total herds by breed 2016-2020

Breed	2016	2017	2018	2019	2020
Ayrshire	0	0	1	1	1
Brown Swiss	4	4	3	3	3
Guernsey	1	0	0	0	0
Holstein	248	239	217	186	165
Jersey	34	37	35	27	25
M. Shorthorn	4	4	4	4	2
Crossbred	60	56	58	57	58
Totals	351	340	318	278	254

Heart of America DHIA 2020 Summary Tables

Table 6. Statistical Summary of HOA herds 2016-2020

Item	2016	2017	2018	2019	2020
Cow/herd	333	359	363	396	367
RHA milk, lbs.	20,750	21,095	20,830	20,409	20,745
Avg. milk fat %	3.9	3.9	4.0	3.9	4.0
Avg. milk protein %	3.2	3.2	3.2	3.2	3.2
Avg. SCC, (1000)	269	234	260	240	268
Calving Interval, months	13.8	13.9	13.8	13.8	14.0
High Herd RHA milk				31,368	31,537
High Herd RHA fat				1,233	1,210
High Herd RHA prot				972	1,022

Table 7. Production and SCC Quartiles by Herd Size 2020

Herd Size	Cows	Herds	RHA Milk	SCC Avg
8 - 75	3,059	60	17,378	297
76 - 133	6,228	61	20,155	249
134 - 274	10,810	60	20,654	286
274 - 6169	63,366	60	24,527	227

Heart of America DHIA 2020 Field Techs

Heart of America DHIA Field Technicians for 2020					
name	city	started	name	city	started
NORTH DAKOTA			KANSAS		
SAMANTHA FRANZEN	MANDAN	2013	SHEILA LEIKER-PAGE	VICTORIA	1975
GALEN ERB	AMENIA	2018	GALEN ENSZ	HILLSBORO	1983
SOUTH DAKOTA			KELLY FRANKLIN	ATCHISON	1989
LARISSA NEUGEBAUER	BROOKINGS	2014	JIM WELLS	CLEARWATER	1988
DEB PEDERSON	MILBANK	2001	MARY KROPF	WESTPHALIA	1997
AUSTIN BRAU	BRUCE	2019	CALVIN YODER	HUTCHINSON	1999
KRISTINA ERICSON	ALCESTER	2019	DOROTHY WYRICK	WAVERLY	2007
CAMERON FANNING	OLIVET	2019	NEBRASKA		
STACY MORTON	MILBANK	2018	BETH STARK	INLAND	1983
JESSICA MORTON	MILBANK	2018	GREGG ROESLER	WESTERN	1996
OKLAHOMA			MITCH SWANSON	O'NEILL	1989
DON MCLEMORE	CHANDLER	1986	RICK SCHEELE	ODELL	2002
RICK & JANELL REID	CHICKASHA	1983	PEG STRONG	STANTON	2007
RUSTY SHIPLEY	DEER CREEK	1988	TRUDY MOSEL	RANDOLPH	2017
COLORADO			IOWA		
HEATHER BRANDNER	YUMA	2009	CHARLOTTE ROLLEFSON	SIBLEY	2012
AIMEE BOND	ROGGEN	2016	KATIE HERNANDEZ	LE MARS	2020
LINDSAY DYE	KERSEY	2011			
SHERI ROUSE	NUNN	2019			

