

	Herd test days	Cows per herd (head)	Avg. daily milk yield (lbs/cow)	Avg. fat percent	Avg. protein percent	Avg. SCC 1,000 c/mL	Percent herd test days with SCC greater than	
							750,000 c/mL	400,000 c/mL
Colorado	296	1,325	78.4	3.87	3.15	200	1.7	6.8
Idaho	1,035	1,457	79.2	3.92	3.21	164	1.1	3.8
Montana	127	95.2	77.7	3.86	3.07	218	3.1	8.7
Oregon	837	297.7	64	4.45	3.48	174	1	3.5
Utah	546	259.2	74.5	4.02	3.27	163	0.5	3.8
Washington	657	586.1	76.6	4.14	3.24	175	0.3	6.2
Wyoming	NA	NA	NA	NA	NA	NA	NA	NA

	Herd test days	Cows per herd (head)	Avg. daily milk yield (lbs/cow)	Avg. fat percent	Avg. protein percent	Avg. SCC 1,000 c/mL	Percent herd test days with SCC greater than	
							750,000 c/mL	400,000 c/mL
Illinois	2,034	150	78.7	3.87	3.13	216	2.2	13.9
Indiana	1,718	162.9	78.7	3.86	3.14	213	1.6	11.6
Iowa	3,781	208.3	79.3	3.96	3.18	194	1.3	11.8
Michigan	3,930	338.2	83.6	3.85	3.11	159	0.8	4.4
Minnesota	11,626	141.7	77.3	3.96	3.17	208	2	14.6
Missouri	1,471	77.9	63.3	3.92	3.21	264	3.8	24.9
Nebraska	525	391.2	75.1	3.91	3.19	191	2.1	16.2
North Dakota	111	355.9	81.6	3.79	3.16	178	0.9	24.3
South Dakota	458	635.2	76.9	4.16	3.23	175	3.3	18.1
Wisconsin	24,970	192	84.8	3.88	3.12	164	2.1	9.7

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## NATIONAL AVERAGE 2019 TEST-DAY SCC (IN CELLS/ML)

	Herd test days	Cows per herd (head)	Avg. daily milk yield (lbs/cow)	Avg. fat percent	Avg. protein percent	Avg. SCC 1,000 c/mL	Percent herd test days with SCC greater than	
							750,000 c/mL	400,000 c/mL
Arizona	119	2,103.5	73	3.78	3.12	165	0	1.7
California	5,521	1,127.4	78	3.91	3.05	205	0.9	7
Kansas	1,045	198	79.6	3.85	3.15	205	2.3	18.9
Nevada	43	754.4	73.1	3.86	3.21	231	0	7
New Mexico	154	3,204.9	78.4	3.65	3.18	213	0	0.6
Oklahoma	289	76.7	54.7	3.94	3.28	351	6.2	27.3
Texas	752	2,343.3	65.5	4.62	3.55	183	1.6	16.8

	Herd test days	Cows per herd (head)	Avg. daily milk yield (lbs/cow)	Avg. fat percent	Avg. protein percent	Avg. SCC 1,000 c/mL	Percent herd test days with SCC greater than	
							750,000 c/mL	400,000 c/mL
Alabama	65	27	63.4	3.81	3.05	454	12.3	50.8
Arkansas	113	124.6	52.9	3.89	3.26	414	0.9	38.9
Connecticut	456	143.8	74.2	4.03	3.13	186	2.6	11.4
Delaware	133	169.6	77.9	3.93	3.12	202	0	6
Florida	170	1,145.5	77.6	3.64	3.07	258	0.6	16.5
Georgia	441	211.2	76.4	3.88	3.13	209	3.2	14.5
Kentucky	770	116.5	80.7	3.67	3.09	220	2.6	10.4
Louisiana	154	84.3	61.3	3.86	3.15	375	11	42.9
Maine	926	127.3	76.6	4.00	3.13	185	0.8	9.1
Maryland	1,766	117	71.6	3.90	3.10	199	2.7	12.9
Massachusetts	491	57.8	66.8	4.08	3.20	186	2.2	10.2
Mississippi	198	128.8	59.5	4.08	3.32	294	5.1	32.3
New Hampshire	527	104.9	70.7	4.13	3.19	181	2.7	9.1
New Jersey	277	71.8	65.5	3.78	3.12	242	0.7	13
New York	11,465	234.6	81.5	3.92	3.10	180	0.6	8.4
North Carolina	768	207.5	76.3	4.02	3.14	207	2.2	10.4
Ohio	4,566	126.7	76.1	3.96	3.16	182	0.5	6.7
Pennsylvania	27,215	78.1	75.1	3.86	3.09	186	1.2	8.2
Rhode Island	22	34.7	71	4.09	3.21	179	4.5	13.6
South Carolina	215	154.4	61.1	4.05	3.26	301	0	20.5
Tennessee	487	103	65	4.05	3.18	285	2.3	20.9
Vermont	2,310	162.6	76.9	3.98	3.17	154	0.9	5.6
Virginia	1,885	150.8	75.4	3.83	3.07	215	1.1	9.5
West Virginia	157	83.7	68	3.84	3.09	211	1.3	9.6

### MONTHLY U.S. AVERAGE

Test-day milk yield and somatic cell count (SCC) from Dairy Herd Improvement herds, U.S. (2019), by month

	Herd test days	Cows per herd (head)	Avg. daily milk yield (lbs/cow)	Avg. fat percent	Avg. protein percent	Avg. SCC 1,000 c/mL	Percent herd test days with SCC greater than	
							750,000 c/mL	400,000 c/mL
January	10,247	236.8	78	4.02	3.18	185	1.5	9.7
February	9,824	241.3	78.4	4.01	3.18	189	1.5	9.4
March	10,816	244.1	78.3	3.98	3.16	185	1.6	9.3
April	9,811	237.8	79.3	3.91	3.12	184	1.2	8.2
May	10,197	244.5	79.6	3.87	3.1	184	1.2	8.5
June	9,997	243.3	79.5	3.83	3.06	191	1.4	9.5
July	9,272	248.2	78	3.8	3.03	208	2	14.5
August	9,882	241	78.1	3.82	3.06	207	2.2	13.9
September	9,186	247.6	77.5	3.89	3.12	193	1.6	11.6
October	9,724	247.2	77.5	4.01	3.2	182	1.5	10.3
November	9,272	251.8	77.1	4.09	3.24	166	1.2	7.2
December	9,403	249.1	77.8	4.08	3.24	168	1.3	7.5
<b>Yearly</b>	<b>117,631</b>	<b>244.3</b>	<b>78.3</b>	<b>3.94</b>	<b>3.14</b>	<b>187</b>	<b>1.5</b>	<b>9.9</b>

For the full report, visit <https://queries.uscdcb.com/publish/dhi/current/sccx.html>

### BY HERD SIZE

Test-day milk yield and somatic cell count (SCC) from Dairy Herd Improvement herds during 2019, by herd size

Herd size (head)	Herd test days	Cows per herd (head)	Avg. daily milk yield (lbs/cow)	Avg. fat percent	Avg. protein percent	Avg. SCC 1,000 c/mL	Percent herd test days with SCC greater than	
							750,000 c/mL	400,000 c/mL
<50	43,545	26.9	64.2	3.94	3.13	230	3.6	16
50-99	31,846	69.9	69.9	3.91	3.14	210	0.5	9.4
100-149	11,703	120.8	72.5	3.93	3.15	199	0.2	6.1
150-199	5,888	172.6	74.9	3.89	3.14	197	0.2	5.5
200-299	6,669	242.7	77.2	3.91	3.15	191	0.1	4.8
300-499	5,915	387.3	81.1	3.89	3.11	180	0.2	2.4
500-999	5,790	690.2	82.5	3.89	3.11	181	0	2.1
1,000-1,999	3,748	1,389.8	82.8	3.9	3.06	182	0	1.6
2,000-2,999	1,235	2,421.5	82.9	3.95	3.12	181	0.1	1.9
3,000-3,999	648	3,411.6	78.7	3.92	3.11	196	0	1.9
>4,000	644	7,125.6	75.3	4.12	3.32	174	0	0.3
<b>All herds</b>	<b>117,631</b>	<b>244.3</b>	<b>78.3</b>	<b>3.94</b>	<b>3.14</b>	<b>187</b>	<b>1.5</b>	<b>9.9</b>

### U.S. ANNUAL

Test-day milk yield and somatic cell count (SCC) from Dairy Herd Improvement herds, U.S. (2010-2019)

Year	Herd test days	Cows per herd (head)	Avg. daily milk yield (lbs/cow)	Avg. SCC 1,000 c/mL	Percent herd test days with SCC greater than	
					750,000 c/mL	400,000 c/mL
2010	198,218	145.2	72.7	228	2.7	18
2011	191,375	154.6	73.1	217	2.3	15.7
2012	184,927	161.8	74.2	200	1.5	12
2013	177,944	167.8	75.2	199	1.5	11.6
2014	173,260	177.3	76.2	200	1.6	11.6
2015	166,970	185.9	77.2	204	1.6	11.6
2016	157,218	196	78.1	203	1.6	11.1
2017	149,130	202.5	78.1	197	1.6	10.8
2018	133,513	222.7	77.9	191	1.7	11
2019	117,631	244.3	78.3	187	1.5	9.9