

AgSource Breed Averages, Revised January 1, 2018

Production Measures	Breed Name		HOLSTEIN AL	L		JERSEY ALL	
Percentile	Herd Count		2509			127	
CowsHerd 242.4 242.4 242.4 188							
Production Measures							
RHA MIK RHA Fat 1037 900 766 963 811 6837 772 610 703 604 608 RHA Protein 837 7723 610 703 604 608 708 Management Level Mik (MLM) 889 77.2 66 74 61.9 508 Management Level Mik (MLM) 889 77.2 66 74 61.9 508 Management Level Mik (MLM) 889 77.2 66 74 61.9 55 61 74 61.9 55 62 74 61.9 55 61 74 75 76 76 76 76 76 76 76 76 76		242.4	242.4	242.4	188	188	188
RHA Fat		07450	20000	40700	40400	10510	1.11.10
RHA Protein							
RHA Cheses Vield Wilk (MLM) 89 77.2 66 74 61.9 55 Daily Milk 84.5 72.4 66.8 59.8 50.8 41.1 RHA Fat % 4 3.9 3.7 5.2 4.9 4.6 RHA Protein % 3.2 3.1 3 3.8 3.8 3.7 35.8 HAIA Fat % 2 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2							
Management Level Milk (MLM)							
Daily Milk							
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Mature Equivalent Production Measures 148 29276 2546 21748 21209 18297 14897 689 581 5							
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2nd Lactation ME Milk	1st Lactation ME Fat	1144					689
2nd Lactation ME Protein	1st Lactation ME Protein	892	771	653	764	650	527
2nd Lactation ME Protein	2nd Lactation ME Milk						14638
3+ Lactation ME Milk 3+ Lactation ME Fat 3+ Lactation ME Fotein 3+ Lactation ME Fotein 3+ Lactation ME Protein 850 738 862 8720 624 533 8139 of Lactation Production Measures 850 851 of Lactation Peak Milk 851 852 853 of Lactation Peak Milk 853 853 of Lactation Peak Milk 854 855 855 857 858 857 858 867 875.9 858 867 875.9 858 877.8 868 867 875.9 858 871.1 89.2 855 811 871.1 89.2 855 811 871.1 89.2 855 811 871.1 89.2 855 811 871.1 89.2 855 811 871.1 89.2 855 811 871.1 89.2 855 811 871.1 89.2 855 811 871.1 89.2 855 811 871.1 89.2 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3							681
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2nd Lactation Peak Milk		00	77.0	00	07	50.7	50
3+ Laction Peak Milk 121							
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2nd Lact 101-240 Days Milk							
2nd Lact 241+ Days Milk							38.8
3+ Lact 101-240 Days Milk		69.5			53	40.9	
3+ Lact 241+ Days Milk		109.7	94.7	80	79	66.7	56.5
Days In Milk Measures Herd Average Days In Milk (DIM) 157 178.8 196 147 173.2 200	3+ Lact 101-240 Days Milk	95.2	80.6	66.3	63.5		
Herd Average Days In Milk (DIM)		69.6	57.3	45	52	42.1	31.3
Lactation Days In Milk (LDIM) 327 319 312 323 312.1 303 % Days In Milk (%LACD) 89 86.9 85 88 85 82 Accuracy Measure % of Bulk (DHI Wt / Bulk Tank Wt) (+ or -) 1 102 (+ or -) 7 (+ or -) 1 104 (+ or -) 8 Herd Age Measure 1st Lact Age at Calving (Months) 23.5 25.7 27.2 23 24.7 26 Herd Avg Age at Calving (Months) 47.4 43.2 38.5 51.7 45.2 38.4 Reproductive Analysis - Cows Annual Pregnancy Rate % 25 18.1 12 28 21 14 Annual Pregnancy Rate % 56 43.2 30 61 46 32 Annual Pregnancy Loss % 1 4.2 7 0 2.9 6 Calculated Voluntary Walting Period 48 56.1 65 45 51.7 59 Average DIM at 1st Breeding 71 82.7 92 67 82.7 88 Calving Interval Projected 12.7 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
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Conception Rate % 3-17 Days 34 23.6 0 43 28.8 0							
DOUGGUUUL DAG /0 10°24 DAVS 401 301 /U■ 301 34 11 /U	Conception Rate % 18-24 Days	40	30		50	34.1	



						DAIRY
Reproductive Analysis - Heifers						
Conception Rate % Heifers	66	60.8	57	67	59.7	
Services Per Conception	1.5	1.7	1.8	1.5		
% < 23 Months at Calving	0	15.4	31	0	23.2	
% > 25 Months at Calving	8	36.6	67	2	26.6	41
Yearly Herd Turnover						
% Turnover (-) Sales for Dairy	27	35.9	43.8	13.8	28.3	40
% Total Herd Left/Died	28.3	40.4	49.2	19.5	38.9	52.4
% Total Herd Died	1.9	5.4	8.2	0	5.4	9.5
% Cows Leaving the Herd < 60 DIM	4	7.2	10	4	7.7	11
% Total Herd Sold for Dairy	5	4.2	0	14.6	7.7	0
% 1st Lact Left/Died	5.5	11.2	14.5	5.2	13.3	19.1
% 2nd Lact Left/Died	5.7	9.8	13.2	4.7	9.5	
% 3+ Lact Left/Died	14.9	19.7	24.1	11.1	18.8	
Udder Health						
Weighted Average SCC	129	212	281	172	250	327
Bulk Tank Weighted Average SCC	127	208	276	173	247	317
% of herd >= 200000 SCC	12	19.3	25	17	24.9	
% of Herd New Infections	7	10.2	13	9	13.2	16
% Infected Cows That are Chronic	49	56	64	50	58.3	
Herd Linear Score	2	2.4	2.9	2.5		
1st Lact Linear Score	1.7	2.1	2.5	2.5	2.9	
2nd & >Lact Linear Score	2.1	2.6	3.1	2.4	2.9	
% Heifers Infected at First Test	8	17.7	26	11	28.2	
% Fresh Cows - New Infections	9	18.7	27	9	20.4	
1st Lact Weighted Average SCC	85	149	203	157	220	280
2nd & >Lact Weighted Average SCC	147	248	335	161	269	
% Dry Cows Cured	82	67.4	52	82	63.9	
% Dry Period Failure to Cure	18	32.7	48	18		
Distribution of Herd by SCC on Test Day	10	32.1	40	10	30.1	30
% of Herd < 100000 SCC	77	67.1	58	66	56.5	50
% of Herd 100000 SCC % of Herd 100000-199000 SCC	16	13.1	10	21	18.3	
% of Herd 100000-199000 SCC % of Herd 200000-399000 SCC	5	7.8	10	7	10.9	
% of Herd 400000-399000 SCC % of Herd 400000-799000 SCC	3	5.1	7	4		
% of Herd >= 800000 SCC	3	6	8	4	6.6	
Transition Cow Management	3	U	8	4	0.0	9
Transition Cow Index	957	204	-526	950	291	-376
% 1st Lact Fat/Protien Ratio > 1.4	22	40	-520 57	20	41.4	
% 1st Lact Fat/Protien Ratio > 1.4 % 2nd & >Lact Fat/Protien Ratio > 1.4	25	40.2	54	20	37.2	
Dry Period	23	40.2	54	22	31.2	55
	52	60.4	60	54	64.8	72
Average Days Dry	+	60.4	68	0		73 15
% 0-39 Days	2	13.3	23	_	8.5	
% 40-70 Days	85	66.8	50	88		
% > 70 Days Alternative Dry Period Length Measures	/	19.9	31	6	21.3	33
	0	F 0	0	0	4.0	
% <30 Days	0	5.8	8	0		
% 70-90 Days	5	12.5	19	3		
% > 90 Days	2	10	16	0	11.2	20
Genetics (Net Merit Values						
Adjusted for Unidentified Sires)					2	
Service Sires Net Merit \$	724	525	297	516		
Heifer Sires Net Merit \$	556	379	195	409	263	
1st Lact Sires Net Merit \$	409	268	102	293		
2nd Lact Sires Net Merit \$	326	210	69	250		
3+ Lact Sires Net Merit \$	225	135	56	175	62	
All Cows Sire Net Merit \$	314	203	70	220	113	0
Functional Trait Measures						
Service Sires DPR	2.3	1.4	0.2	0.5		
All Cows Sire DPR	1.1	0.4	-0.3	0		
Service Sires SCS	2.79	2.85	2.91	2.89		
All Cows Sire SCS	2.87	2.92	2.97	2.99		
Service Sires Prod Life	6.7	4.7	2.4	5.8		
All Cows Sire Prod Life	2.9	1.7	0.7	2.5	1.6	0.7



Identification Measures						
% Cow Sires Identified	99	72.9	41	100	85.8	75
Service Sires % AI	100	83.8	82	100	84.9	81
All Cows Sire % Al	99	76.4	58	100	86	76
Calving						
% Female Calves	55	48.8	43	63	52	46
1st Lact % Female Live	100	91.4	86	100	91.1	83
2nd Lact % Female Live	100	95	91	100	95.8	94
3+ Lact % Female Live	100	93.8	89	100	94.2	89
Management MUN Values	<10 Mg/DI	10-14 Mg/DI	>14 Mg/DI	<10 Mg/DI	10-14 Mg/DI	>14 Mg/DI
All Herds %	33.3	56.2	19.8	27.1	54.1	29.4
1st Lactation %	35	59.3	25.1	30.5	56.7	39.2
2nd & >Lactation %	36.1	55.8	20.2	29.9	55.2	27.9
Average MUN Values						
All Herds		11.2			12.1	
1st Lactation		11.4			12.7	
2nd & >Lactation		11			11.8	