

## 2016 Livestock Standards from Illinois Farm Business Records

Farrow-to-Finish Hog Enterprise	Average Farm	High 1/3 Return	Litters Farrowed	
			150-349	350+
Number of Farms	22	7	7	7
Pounds of Pork Produced	975,904	1,260,748	545,407	2,330,827
Pounds of Pork per Litter	2,587	2,453	2,282	2,699
Total Returns	440,953	634,020	257,916	1,044,572
Value of Feed Fed	300,599	387,605	185,377	691,026
Returns per \$100 Feed Fed	147	164	139	151
Returns above Feed per Litter	372	480	304	409
Number of Litters Farrowed	377	514	239	864
Pigs Farrowed per Litter	11.60	11.61	10.87	12.02
Pigs Weaned per Litter	9.88	9.76	9.36	10.23
Weaning Survival Rate %	85	84	86	85
Litters Farrowed per Female Year	1.85	1.88	2.13	1.92
Pigs Weaned per Female Year	17.95	18.41	20.30	19.41
Number of Crates	48	80	32	93
Pigs Weaned per Crate	72.9	72.7	70.9	85.4
Death Loss Total—% of Pounds Produced	3.2	2.5	2.4	3.4
Weight per Market Hog Sold	271	263	267	272
Weight per Breeding Hog Sold	480	472	485	478
Price Received / 100 Pounds - Market	48.84	52.90	50.92	48.24
Price Received / 100 Pounds - Breeding	34.51	35.75	32.82	35.35
Total Return per 100 Pounds Produced	45.18	50.29	47.29	44.82
Feed Cost per 100 Pounds Produced	30.80	30.74	33.99	29.65
Pounds of Feed per 100 Pounds Produced:				
Grain/Complete Feed	216	216	218	216
Supplement	84	75	102	79
Total Concentrates	300	291	320	295
Cost per 100 Pounds of Supplement	20.40	23.00	19.75	20.33
Cost per 100 Pounds of Concentrates	10.25	10.58	10.61	10.05

Feeder Pig Feeding Enterprise	Purchase Weight <20	Average Farm High 1/3
Number of Farms	32	12
Total Pounds Produced	1,582,692	2,097,779
Total Returns	570,049	813,765
Value of Feed Fed	433,372	521,459
Returns per \$100 Feed Fed	132	156
Average Weight Purchased	13	13
Price Paid per 100 Pounds	288.69	269.40
Price Paid per Pig	37.39	35.70
Average Weight Sold	268	259
Price Received per 100 Pounds	49.73	50.86
Total Return per 100 Pounds	36.02	38.79
Feed Cost per 100 Pounds	27.38	24.86
Death Loss: Numbers	432	506
Pounds	30,331	41,749
% of Pounds Produced	1.9	2.0
Pounds of Feed per 100 Pounds Produced:		
Produced: Grain/Complete Feed	188	160
Supplement	88	97
Total Concentrates	276	257
Cost per 100 Pounds of Supplement	15.68	14.84
Cost per 100 Pounds of Concentrates	9.93	9.69

Feeder Cattle Enterprise	Average Farm	High 1/3 Return	Purchase Weight		
			1-500	500-749	750+
Number of Farms	63	21	16	37	9
Total Pounds Produced	229,922	363,292	103,945	232,843	465,570
Total Returns	157,651	269,360	69,059	156,499	336,933
Value of Feed Fed	119,266	162,178	65,244	121,691	217,384
Returns per \$100 Feed Fed	132	166	106	129	155
Average Weight Purchased	687	734	313	670	828
Price Paid per 100 Pounds	144.16	143.89	165.59	143.98	142.28
Price Paid per Head	991	1,056	518	965	1,177
Average Weight Sold	1,351	1,387	1,179	1,332	1,433
Price Received per 100 Pounds	120.52	121.03	113.20	121.44	120.30
Total Return per 100 Pounds	68.57	74.14	66.44	67.21	72.37
Feed Cost per 100 Pounds	51.87	44.64	62.77	52.26	46.69
Death Loss: Numbers	7	6	6	7	10
Pounds	5,111	5,475	2,688	5,426	8,696
% of Pounds Produced	2.2	1.5	2.6	2.3	1.9
Pounds of Feed per 100 Pounds Produced:					
Grain/Complete Feed	611	604	491	574	732
Supplement	52	25	168	46	19
Total Concentrates	663	630	659	620	751
Hay & Dry Roughage	65	56	131	66	37
Corn Silage	213	149	166	300	54
Other Silage	41	31	0	65	6
Hay Equivalent—Tons	0.08	0.06	0.09	0.10	0.03
Cost per 100 Pounds of Supplement	16.59	21.05	14.08	17.73	19.60
Cost per 100 Pounds of Concentrates	6.77	6.29	8.34	7.02	5.78



## Livestock Analysis -- 2016

Beef Cow Enterprise	Pounds of Beef Produced per Cow			High Return <600	Average All Farms
	<600	600-900	900+		
Number of Farms	57	56	37	19	150
Number of Cows in Herd	61	70	63	63	65
Number of Calves Born	47	65	60	53	57
Calving %	77	92	95	84	87
Total Pounds Produced	26,441	50,800	70,286	32,400	46,350
Total Returns	19,105	41,760	52,711	38,947	35,852
Value of Feed Fed	24,831	35,322	48,180	22,220	34,507
Returns per \$100 Feed Fed	77	118	109	175	104
Returns above Feed per Cow	-94	92	71	266	21
Pounds of Beef per Cow in Herd	433	722	1,108	515	712
Death Loss Total—% of Pounds Produced	7.4	3.6	4.1	3.6	4.6
Market Survival Rate %	87.0	95.7	95.0	90.4	93.6
Breeding Survival Rate %	97.8	98.4	97.9	99.1	98.1
Weight per Market Animal Sold	557	676	1,077	534	745
Price Received / 100 Pounds Sold—Market	140.34	142.30	125.06	142.56	135.18
Price Received / 100 Pounds Sold—Breeding	70.06	72.62	77.52	74.93	73.29
Feed Cost per 100 Pounds Produced	93.91	69.53	68.55	68.58	74.45
Pounds of Feed per 100 Pounds Produced:					
Grain/Complete Feed	153	159	232	94	185
Supplement	67	70	59	64	65
Total Concentrates	219	229	291	158	250
Hay & Dry Roughage	1,017	680	580	833	716
Corn Silage	390	330	363	420	356
Other Silage	90	156	95	0	119
Pasture Days	38	26	19	36	26
Pasture Days per Animal Unit	142	108	114	151	119
Hay Equivalent per Cow—Tons	4.3	5.1	6.3	4.5	5.1
Cost per 100 Pounds of Concentrates	11.84	11.35	10.05	11.45	10.88

Sheep Enterprise	Average Farm
Number of Farms	8
Number of Ewes in Flock	38
Number of Lambs Born	54
% Lamb Crop	143
Total Pounds Produced	6,729
Total Returns	5,481
Value of Feed Fed	8,763
Returns per \$100 Feed Fed	63
Returns above Feed per Ewe	-87
Pounds Produced per Ewe in Flock	179
Death Loss Total—% of Pounds Produced	9.3
Market Survival Rate %	
Breeding Survival Rate %	90.2
Weight per Market Animal Sold	128
Price Received / 100 Pounds Sold—Market	215.30
Price Received / 100 Pounds Sold—Breeding	66.14
Feed Cost per 100 Pounds Produced	130.22
Pounds of Feed per 100 Pounds Produced:	
Grain/Complete Feed	258
Supplement	176
Total Concentrates	434
Hay & Dry Roughage	546
Other Silage	0
Pasture Days	37
Hay Equiv.	0.69
Pasture Days per Animal Unit	122
Hay Equivalent per Ewe—Tons	1.2
Cost per 100 Pounds of Concentrates	16.37

Dairy Cattle Enterprise	Average Farm	Number of Cows			High 1/3 80-149 Cows
		40-79	80-149	150+	
Number of Farms	57	13	25	17	8
Number of Cows	162.7	59.6	106.3	339.9	107.8
% of Cows Dry	12.4	16.0	13.6	11.3	14.3
Animal Units in Herd	305	115	183	660	191
Total Cwt. of Milk Produced	39,001	12,727	21,777	88,422	24,856
Pounds of Beef Produced	111,669	43,469	71,077	233,445	67,513
Total Returns	705,470	229,793	388,631	1,607,479	463,304
Value of Feed	390,435	143,291	228,055	856,526	204,829
Returns per \$100 Feed Fed	181	160	170	188	226
Returns above Feed per Cow	1,936	1,451	1,510	2,209	2,397
Pounds of Beef per Cow	686	729	668	687	626
Pounds of Milk per Cow	23,969	21,354	20,482	26,014	23,050
Pounds of Butterfat per Cow	896	828	767	967	870
Death Loss: % of Pounds Produced	13.4	14.8	16.6	11.7	15.5
Feed Cost Per Cwt. Milk Equivalent *	9.16	10.12	9.66	8.85	7.36
Price Received for 100 Pounds Milk	16.27	16.00	16.00	16.41	16.07
Price Received for 100 Pounds Beef—Market	129.03	119.46	114.86	141.47	121.56
Pounds of Feed Per Cwt. Milk Equivalent *					
Grain/Complete Feed	22	24	25	20	20
Supplement	19	17	17	20	13
Total Concentrates	40	41	42	40	33
Hay & Dry Roughage	13	29	22	8	14
Corn Silage	87	79	89	87	70
Other Silage	51	57	45	52	30
Pasture Days per Animal Unit	4	9	6	2	1
Hay Equivalent per Cow—Tons	8.4	9.4	7.8	8.5	6.4
Cost per 100 Pounds of Supplement	19.65	22.28	22.66	18.44	23.63
Cost per 100 Pounds of Concentrates	12.71	13.17	13.18	12.49	13.43
Dairy Patronage/FSA Payments/Cwt. Milk	0.31	0.31	0.51	0.23	0.63

Enterprise smaller than following not included:  
Hogs..... 10 Litters  
Beef & Dairy..... 10 cows  
Feeder Cattle..... 10,000 lbs produced

Value of Feed Fed Average Grain Prices:  
Corn..... \$3.70  
Oats..... \$2.71  
Wheat..... \$4.24

Commercial Feeds priced at actual cost.  
Hay and Silage priced at Farm Value.  
Pasture charged at \$0.40 per Animal Unit Pasture Day.

\* Milk equivalent equals value of beef produced divided by average price received per cwt. milk plus cwt. of milk produced.

