

Livestock, Dairy, and Poultry

Livestock: Record highs and lows

Livestock	Unit	Record high		Record low		Year estimates started
		Quantity	Year	Quantity	Year	
Cattle and calves	1,000 head	2,036	1944	538	1867	1867
Cattle on feed	1,000 head	250	1991	57	1931	1930
Chickens, all ¹	1,000 birds	15,512	1944	6,300	1992	1924
Cows, beef	1,000 head	239	1997	24	1925,1933	1920
Cows, milk	1,000 head	1,080	1945	225	1867	1867
Eggs ²	Million eggs	1,697	1944	1,104	1929	1924
Hogs and pigs ¹	1,000 head	1,397	1943	512	1935	1867
Honey	1,000 pounds	11,780	1939	4,386	1980	1921
Milk	Million pounds	5,758	1964	3,941	1927	1924
Sheep	1,000 head	3,100	1867	62	1999	1867
Wool	1,000 pounds	8,424	1934	430	1998	1934

¹ December 1.

² December 1 previous year to November 30.

Cattle and Calves

The January 1, 2001, Michigan cattle herd totaled 980,000 head, down 3 percent from a year ago. The January 1 milk cow inventory, at 300,000 head, was unchanged from the previous year. Milk cow replacement heifers, at 130,000, were up 5,000 head from last year. Beef cows, at 85,000 head, were down 11 percent. Beef replacement heifers, at 35,000 head, were up 17 percent from 2000. Calves on hand, at 178,000 head, were down 14,000 from last year. Steer numbers, at 190,000 head, were down 10,000 and other heifers, at 45,000 head, were down 5,000. The number of bulls, at 17,000 head, were down 1,000 from last year. The 2000

calf crop was 345,000 head, 10,000 less than the previous year. Cattle on full feed for slaughter totaled 190,000 head, down 5 percent from the previous year. Michigan has 16,000 operations with cattle, unchanged from last year.

The January 1 Michigan cattle and calf inventory was valued at \$823 million, down 2 percent from January 1, 2000. Cash receipts from cattle and calf marketings totaled \$257 million, while total liveweight marketed was 448 million pounds.

Cattle and calves: Number of operations by size group, 1996-2000 ¹

Size group by head	Year				
	1996	1997	1998	1999	2000
1-49 head	13,200	11,500	11,000	11,200	11,200
50-99 head	2,800	2,800	2,280	2,170	2,200
100-499 head	2,800	3,000	2,500	2,400	2,350
500-999 head	160	160	160	170	190
1000 + head	40	40	60	60	60
Total	19,000	17,500	16,000	16,000	16,000

¹ An operation is any place having one or more head of cattle on hand at any time during the year.

Cattle and calves: Number on farms by class, January 1, 1997-2001

Class	1997	1998	1999	2000	2001
	<i>1,000 head</i>				
All cows that have calved	435	415	405	395	385
Beef cows	123	115	105	95	85
Milk cows	312	300	300	300	300
Heifers, 500 pounds and over	220	210	222	205	210
Beef cow replacement	33	30	32	30	35
Milk cow replacement	145	140	145	125	130
Other	42	40	45	50	45
Steers, 500 pounds and over	200	195	195	200	190
Bulls, 500 pounds and over	20	20	18	18	17
Calves, under 500 pounds	225	210	210	192	178
All cattle and calves	1,100	1,050	1,050	1,010	980

Cattle and calves: Production and income, 1996-2000

Year	Production ¹	Marketings ²	Average price per cwt		Value of production	Cash receipts ³	Value of home consumption	Gross income
			Cattle	Calves				
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1996	412,059	478,550	49.80	51.60	205,371	238,674	7,991	246,665
1997	386,581	453,480	50.80	54.00	197,154	230,906	7,913	238,819
1998	385,229	411,250	47.70	51.70	183,321	196,656	7,465	204,121
1999	405,770	461,250	50.50	68.90	200,427	235,829	8,067	243,896
2000	409,061	448,000	56.00	102.00	221,902	257,320	9,183	266,503

¹ Adjustments made for changes in inventory and for inshipments.

² Excludes custom slaughter for use on farms where produced and inter-farm sales within the state.

³ Receipts from marketings and sale of farm slaughter.

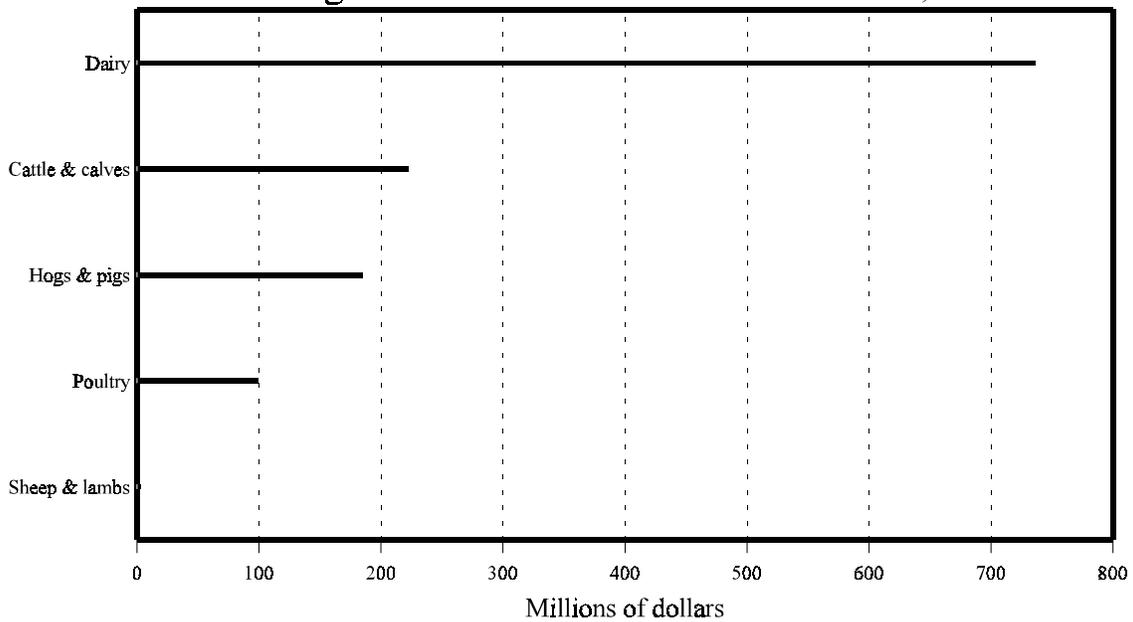
Cattle and calves: Balance sheet, 1996-2000

Year	All cattle and calves on hand January 1	Calf crop	Inshipments	Marketings ¹		Farm slaughter cattle and calves ²	Deaths		All cattle and calves on hand following January 1
				Cattle	Calves		Cattle	Calves	
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1996	1,150	400	75	375	62	5	25	58	1,100
1997	1,100	385	70	363	53	5	25	59	1,050
1998	1,050	365	65	308	37	5	25	55	1,050
1999	1,050	355	70	338	47	5	25	50	1,010
2000	1,010	345	55	318	42	5	20	45	980

¹ Includes custom slaughter and state outshipments, but excludes inter-farm sales within Michigan.

² Excludes custom slaughter for farmers at commercial establishments.

Michigan Livestock: Value of Production, 2000



Poultry

The total value of poultry production in Michigan from eggs, turkeys, and other chickens (primarily culled layers) during 2000 was \$97.65 million, 10 percent more than a year earlier. The value of egg production totaled \$56.74 million, up 6 percent from 1999. Egg production totaled 1.621 billion eggs, up 6 percent from last year. The market egg price averaged 42 cents per dozen, unchanged

from 1999. The value of turkey production during 2000 was \$40.46 million, up 15 percent. The total pounds of turkey produced was 119.0 million, up 39 percent. The average price per pound was 34 cents, down 7 cents from last year. Other chicken production at 3.24 million birds was down 2 percent. Other chicken production was valued at \$453,000, up 102 percent from 1999.

Chickens: Layers on hand, December 1, 1996-2000

Class	1996	1997	1998	1999	2000
	<i>1,000 head</i>				
Layers, 1 year old and older	1,800	2,343	3,310	2,174	3,480
Layers, 20 weeks old but less than 1 year	3,300	2,817	2,441	4,013	2,825
Pullets, 13-20 weeks old	820	390	286	537	569
Pullets, less than 13 weeks	390	630	704	1,060	721
Other chickens	10	10	3	3	1
All chickens (excluding broilers)	6,320	6,190	6,744	7,787	7,596

Turkeys: Production, price, and income, 1999-2000 ¹

Year	Number raised ²	Pounds produced	Price per pound ³	Value of production
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1999	2,700	85,590	41.1	35,092
2000	3,500	119,000	34.0	40,460

Market eggs: Production, price, and value

Year	Eggs produced	Price per dozen	Value of production
	<i>Million</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1996	1,318	0.623	68,426
1997	1,327	0.560	61,927
1998	1,395	0.496	57,639
1999	1,533	0.420	53,655
2000	1,621	0.420	56,739

¹ December 1 previous year through November 30.

² Based on turkeys placed Sep 1 through Aug 31. Excludes young turkeys lost.

³ Equivalent live weight returns to producers.

Total egg production, by month, 1996-2000

Month	1996	1997	1998	1999	2000
	<i>Million eggs</i>				
December	115	115	115	132	140
January	110	110	111	130	134
February	107	100	102	115	126
March	114	112	120	129	143
April	111	110	110	122	135
May	111	109	111	121	130
June	105	105	111	117	131
July	108	111	118	130	142
August	107	114	124	137	137
September	104	113	120	129	131
October	112	117	126	134	136
November	113	111	125	136	135
Total ¹	1,318	1,327	1,393	1,533	1,621

¹ Sum of months may not add to total due to rounding.

All layers: Average number on hand during the month, 1996-2000

Month	1996	1997	1998	1999	2000
	<i>1,000 head</i>				
December	5,375	5,016	5,196	5,763	6,206
January	5,281	5,021	5,058	5,770	6,178
February	5,155	5,115	5,098	5,898	6,271
March	5,135	5,136	5,282	5,923	6,484
April	5,141	5,089	5,202	5,656	6,321
May	5,021	5,024	5,128	5,659	6,136
June	4,810	5,046	5,097	5,799	6,325
July	4,706	4,980	5,291	5,863	6,379
August	4,791	5,010	5,541	5,827	6,168
September	4,885	5,086	5,586	5,847	6,073
October	4,891	5,150	5,621	6,089	6,110
November	4,971	5,210	5,704	6,189	6,209
Annual ¹	5,013	5,073	5,318	5,856	6,238

¹ December 1 previous year through November 30.

Hogs and Pigs

Michigan hog production totaled 465 million pounds in 2000, down less than 1 percent from 1999. Based on the December 1, 2000 inventory of 950,000 hogs and pigs, Michigan ranked 13th in the nation in terms of inventory.

Breeding inventory accounted for 11.6 percent of the total inventory, while market hogs made up the remaining 88.4 percent. Statewide, Cass, Allegan, Ottawa, Branch and Huron are the top

five hog producing counties.

The annual average price for all hogs was \$40.70 per hundredweight (cwt.) for 2000, compared with the 1999 average price of \$29.80 per cwt.

Marketings of all hogs and pigs totaled 483.8 million pounds in 2000, down 2 percent from 1999. Cash receipts jumped 34 percent from the previous year to \$200 million.

Hogs and pigs: Number of operations, by size group, 1996-2000 ¹

Year	Operations						Total
	1-99	100-499	500-999	1,000-1,999	2,000-4,999	5,000+	
	<i>Number</i>						
1996	3,200	750	170	150	100	30	4,400
1997	2,050	510	180	130	100	30	3,000
1998	1,900	500	100	150	120	30	2,800
1999	1,200	500	100	130	130	40	2,100
2000	1,400	390	110	140	120	40	2,200

¹ An operation is any place having one or more head on hand at any time during the year.

Hogs and pigs: Sows farrowing and pig crop, 1996-2000

Year	December-February			March-May		
	Sows farrowing	Pigs per litter	Pig crop	Sows farrowing	Pigs per litter	Pig crop
	<i>1,000 head</i>	<i>head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>head</i>	<i>1,000 head</i>
1997	40	8.4	336	55	8.4	462
1998	40	8.8	352	53	8.9	472
1999	37	9.0	333	55	8.9	490
2000	44	8.8	387	50	9.0	450
2001	47	8.9	418	50	9.0	450
	June-August			September-November		
1996	52	8.3	432	45	8.3	374
1997	54	8.7	470	48	8.7	418
1998	52	8.9	463	52	8.5	442
1999	51	9.0	459	49	9.0	441
2000	50	8.9	445	48	9.1	434

Hogs and pigs: Inventory, 1997-2001

Month and year	Market hogs and pigs					Breeding stock	Total hogs and pigs
	Under 60 pounds	60-119 pounds	120-179 pounds	180 lbs and over	Total market		
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
March 1							
1997	270	205	190	155	820	130	950
1998	290	220	195	165	870	130	1,000
1999	280	225	190	185	880	110	990
2000	295	215	170	160	840	120	960
2001	310	180	160	130	780	120	900
June 1							
1997	400	185	180	125	890	130	1,020
1998	450	220	190	140	1,000	130	1,130
1999	430	220	200	130	980	120	1,100
2000	390	200	160	130	880	110	990
2001	310	215	160	125	810	110	920
September 1							
1997	340	260	200	170	970	130	1,100
1998	300	250	195	205	950	120	1,070
1999	310	260	190	160	920	110	1,030
2000	350	240	180	140	910	110	1,020
December 1							
1997	320	200	205	175	900	130	1,030
1998	340	270	180	210	1,000	120	1,120
1999	330	205	170	155	860	120	980
2000	320	200	170	150	840	110	950

Hogs and pigs: Production and income, 1996-2000

Year	Production ¹	Marketings ²	Average price per cwt	Value of production	Cash receipts ³	Value of home consumption	Gross income
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1996	399,495	418,754	51.40	204,117	215,629	1,385	217,014
1997	396,899	401,325	53.10	207,562	213,722	1,495	215,217
1998	402,708	403,550	33.90	132,639	138,347	1,393	139,740
1999	466,637	494,787	29.80	136,678	149,937	1,229	151,166
2000	464,577	483,775	40.70	184,575	200,485	1,662	202,147

¹ Adjustments made for changes in inventory and for inshipments.

² Excludes custom slaughter for use on farms where produced and inter-farm sales within the state.

³ Receipts from marketing and sales of farm slaughter. Includes allowance for higher average price of outshipments of feeder pigs.

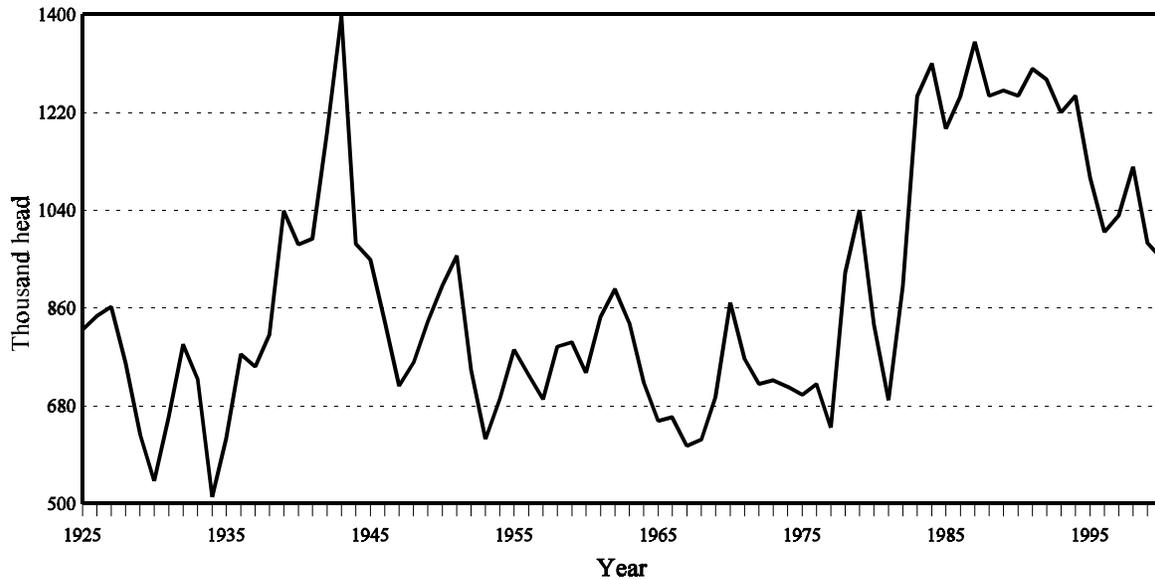
Hogs and pigs: Balance sheet, 1996-2000

Year	Beginning inventory	Dec-Nov pig crop	Inshipments	Marketings ¹	Farm slaughter ²	Deaths	Number on hand December 1
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1996	1,100	1,661	56	1,726	3	88	1,000
1997	1,000	1,686	85	1,663	3	75	1,030
1998	1,030	1,729	125	1,683	6	75	1,120
1999	1,120	1,723	225	1,999	4	85	980
2000	980	1,716	275	1,937	4	80	950

¹ Includes custom slaughter and state outshipments, but excludes sales within Michigan.

² Excludes custom slaughter for farmers at commercial establishments.

December 1 Hog Inventory, 1925-2000



Honey

Honey production in Michigan during 2000 totaled 5.40 million pounds, 13 percent less than a year ago. This estimate included honey from producers with 5 or more colonies. Michigan ranked 9th in honey production in 2000 compared to 8th in 1999. There were 72,000 colonies in production during 2000, down 1,000 colonies from 1999. Yield per colony averaged 75 pounds, down 10 pounds from 85 pounds in 1999.

Michigan honey prices averaged 60 cents per pound, down 6 cents from last year. Value of production totaled \$3.24 million, down 21 percent from 1999. Honey stocks on hand for sale, as of December 15, totaled 2.97 million pounds, down 15 percent from 1999.

Honey: Production and value, 1996-2000 ¹

Year	Honey producing colonies	Yield per colony	Production	Price per pound	Value of production	Stocks Dec 15 ²
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>
1996	90	96	8,640	101	8,726	4,320
1997	85	70	5,950	77	4,582	3,273
1998	80	85	6,800	66	4,488	3,672
1999	73	85	6,205	66	4,095	3,475
2000	72	75	5,400	60	3,240	2,970

¹ Includes only producers with 5 or more colonies.

² Stocks held by producers.

Dairy

Milk production in Michigan during 2000 was 5,705 million pounds, up 4.6 percent from 1999. Michigan ranked 8th nationally in milk production in 2000, accounting for 3.4 percent of U.S. production.

The annual average number of milk cows on Michigan farms during 2000 was 300,000 head, up 1,000 from the previous year. The number of operations with milk cows fell to 3,500 from 3,700

in 1999. Milk production per cow was 19,017 pounds in 2000, compared with 18,244 pounds during 1999. The average butterfat content was 3.66 percent compared with 3.69 percent in 1999.

Milk prices during the year averaged \$12.90 per cwt., down \$1.90 from the previous year. Cash receipts from milk sales totaled \$729 million, down 9.0 percent from 1999. Milk continued as the top ranked Michigan commodity in cash receipts.

Milk: Production, utilization, marketings, and value, 1996-2000

Item	Unit	1996	1997	1998	1999	2000
		Production				
Production						
Total milk produced on farms	Million pounds	5,430	5,410	5,365	5,455	5,705
Milkfat produced	Million pounds	200.4	197.5	194.7	201.3	208.8
Milkfat	Percent	3.69	3.65	3.63	3.69	3.66
Utilization						
Milk used where produced						
Fed to calves	Million pounds	50	41	40	37	45
Used for milk, cream, and butter	Million pounds	5	4	5	3	5
Milk marketed by producers	Million pounds	5,375	5,365	5,320	5,415	5,655
Average return per 100 pounds of milk	Dollars	15.00	13.60	15.30	14.80	12.90
Average return per pound milkfat	Dollars	4.07	3.74	4.21	4.01	3.52
Fluid grade	Percent	99	99	99	99	99
Total cash receipts	1,000 dollars	807,488	732,135	813,960	801,420	729,495
Value						
Value of milk used where produced ¹	1,000 dollars	8,263	6,141	6,885	5,920	6,450
Total value of milk produced	1,000 dollars	815,751	738,276	820,845	807,340	735,945

¹ Includes value of milk fed to calves and milk used by farm households.

Milk cows: Number of operations, by size group, 1996-2000 ¹

Size group by head	1996	1997	1998	1999	2000
	<i>Number of operations</i>				
1-29	1,100	1,100	950	1,000	1,000
30-49	900	900	900	700	630
50-99	1,300	1,100	1,100	1,000	900
100-199	880	850	810	750	700
200-499	220	250	205	200	215
500+ ²			35	50	55
Total	4,400	4,200	4,000	3,700	3,500

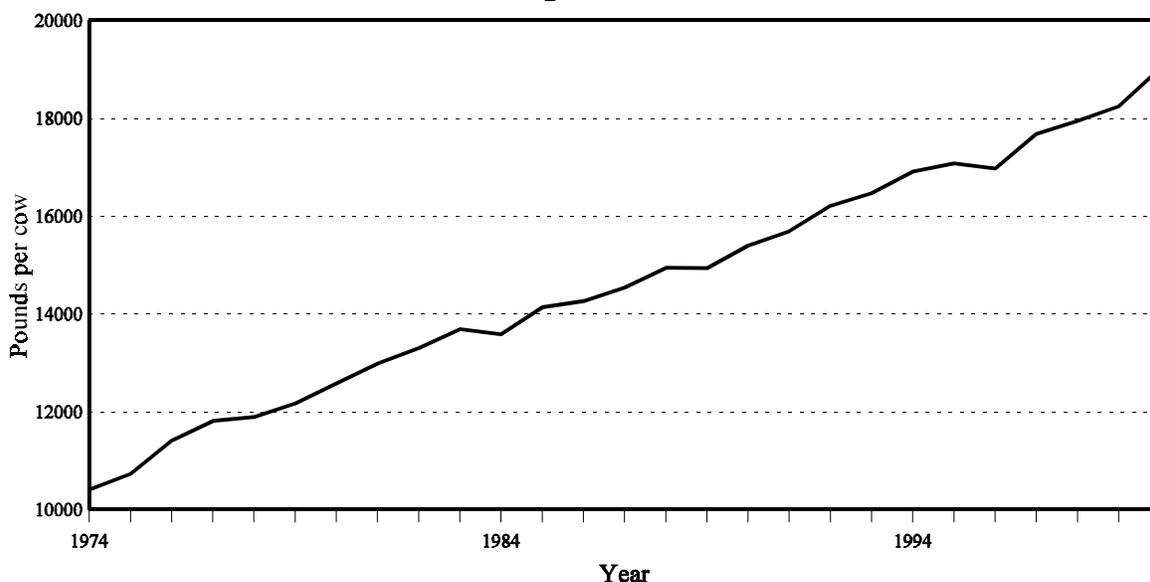
¹ An operation is any place having one or more milk cows on hand at any time during the year.

² Included in 200+ size group, prior to 1998.

Milk cows: Number by month, 1996-2000

Month	1996	1997	1998	1999	2000
	<i>1,000 head</i>				
January	325	311	297	291	298
February	322	310	296	292	296
March	321	306	297	296	296
April	322	306	298	298	299
May	322	308	299	303	301
June	322	310	301	304	304
July	323	309	305	306	302
August	320	308	302	302	302
September	317	304	299	299	300
October	317	303	297	299	302
November	314	301	297	298	299
December	312	301	299	297	300
Annual	320	306	299	299	300

Annual Milk per Cow 1974-2000



Milk production: Total by month, 1996-2000

Month	1996	1997	1998	1999	2000
	<i>Million pounds</i>				
January	463	460	441	442	474
February	440	425	406	410	447
March	477	465	454	463	485
April	464	454	446	454	481
May	473	474	468	486	494
June	446	462	456	465	485
July	454	460	471	474	489
August	450	462	459	462	485
September	433	435	438	444	455
October	449	444	441	454	477
November	430	426	431	441	460
December	451	443	454	460	473
Annual	5,430	5,410	5,365	5,455	5,705

Milk: Production per cow, by month, 1996-2000

Month	1996	1997	1998	1999	2000
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
January	1,425	1,480	1,485	1,520	1,590
February	1,365	1,370	1,370	1,405	1,510
March	1,485	1,520	1,530	1,565	1,640
April	1,440	1,485	1,495	1,525	1,610
May	1,470	1,540	1,565	1,605	1,640
June	1,385	1,490	1,515	1,530	1,595
July	1,405	1,490	1,545	1,550	1,620
August	1,405	1,500	1,520	1,530	1,605
September	1,365	1,430	1,465	1,485	1,515
October	1,415	1,465	1,485	1,520	1,580
November	1,370	1,415	1,450	1,480	1,540
December	1,445	1,473	1,520	1,550	1,575
Annual	16,969	17,680	17,943	18,244	19,017

Dairy products: Annual production totals, 1996-2000

Product	1996	1997	1998	1999	2000
	<i>1,000 gallons</i>				
Michigan					
Ice cream, fullfat, total	29,296	27,973	24,198	19,572	21,607
Ice cream, lowfat, total	19,152	19,131	18,583	17,812	18,414
Sherbet, total	1,747	1,800	2,016	1,369	1,702
Ice cream mix, fullfat	14,329	13,757	12,161	10,317	11,052
Ice cream mix, lowfat	7,813	8,040	8,729	8,117	8,183
Sherbet mix	1,060	1,025	1,019	722	1,010
	<i>Million pounds</i>				
East North Central Region ¹					
Cheese, total	2,441.5	2,469.6	2,484.4	2,538.5	2,604.7
Cheese, American type ²	1,014.4	983.6	982.9	990.2	951.8
Cheese, Italian	985.0	1,008.7	1,025.4	1,031.9	1,101.1
Cottage cheese, curd	107,715	109,125	115,604	110,954	112,892
Cottage cheese, creamed	106,537	112,389	110,229	96,311	102,329
Cottage cheese, low fat	71,049	72,668	78,354	74,009	77,612
Condensed skim milk, unsweetened, bulk	111.6	128.0	119.2	146.6	161.1
Dried milk, nonfat for human food	73.5	71.4	57.0	58,419.0	57,205.0
Butter	379.4	383.2	373.3	349.8	327.2
Water & juice ices	8,979	7,649	8,136	7,521	8,098
Yogurt, plain and flavored	547.5	550.5	569.9	624.3	720.7

¹ Illinois, Indiana, Michigan, Ohio, and Wisconsin.

² Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

Dairy products: Ice cream, fullfat, total, by month, 1996-2000

Month	1996	1997	1998	1999	2000
	<i>1,000 gallons</i>				
January	1,804	1,905	1,644	1,010	1,744
February	2,045	1,944	1,765	1,317	1,724
March	2,204	2,290	2,007	1,652	1,967
April	2,600	2,448	2,271	1,933	1,907
May	2,815	2,814	2,319	1,791	1,771
June	3,338	2,743	2,807	2,283	1,945
July	3,489	2,734	2,643	2,194	1,999
August	3,098	2,611	2,502	2,164	2,084
September	2,432	2,413	2,159	1,626	1,793
October	2,035	2,116	1,591	1,314	1,791
November	1,572	2,125	1,168	990	1,637
December	1,864	1,830	1,322	1,298	1,246
Total	29,296	27,973	24,198	19,572	21,607

Mink

Mink pelt production in Michigan was 42,500 pelts in 2000, totaled 9,600, compared with 11,000 in 2000. down 8,500 from 1999. Female mink bred to produce kits in 2001

Mink: Number of farms and females bred to produce kits, 1996-2000

Year	1996	1997	1998	1999	2000
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Mink farms	9	12	13	13	11
Females bred for next year	14,000	15,500	15,500	8,800	11,000

Mink: Pelt production by class, 1996-2000 ¹

Color class	1996	1997	1998	1999	2000
	<i>Number of pelts</i>				
Standard	30,000	25,000	13,900	16,500	
Ranch wild					
Demi-buff	400				
Pastel	1,600	1,600	1,200	2,000	
Sapphire	3,400	3,000	2,700	2,300	
Gunmetal	1,600				
Violet	1,200	1,500			
Pearl	1,700	1,500	800		
White	3,800		4,400		
Mahogany	12,700	17,000	20,000	23,500	
Other	600				
Total	57,000	56,000	46,000	51,000	42,500

¹ Color-class data not published for some years to avoid disclosure of individual operations.

Sheep and Lambs

Michigan sheep operations in 2000 numbered 1,800, up 100 from 1999. All sheep and lamb inventory in Michigan on January 1, 2001 was estimated at 71,000 head, up 4 percent from a year ago. The breeding sheep inventory, at 51,000 head, unchanged from the previous year. Market sheep and lambs totaled 20,000 head, up 3,000 from a year earlier. The 2000 Michigan lamb crop (lambs born October 1, 1999 through September 30, 2000) was 46,000 head, up 2 percent from the previous year.

Sheep and lamb value of production, was \$2.7 million, up 3

percent from 1999. Cash receipts totaled \$2.2 million for 2000. All sheep and lambs were valued at \$120 per head, down \$5 from the previous year.

Sheep shorn in 2000 totaled 72,000 head. The weight per fleece was 6.4 pounds, compared with 7.0 pounds in 1999. Total wool production in Michigan was 460,000 pounds. Wool production was valued at \$64,000. The average price per pound was unchanged at \$0.14.

Sheep and lambs: Number on farms by class, January 1, 1997-2001

Class	1997	1998	1999	2000	2001
	<i>1,000 Head</i>				
Breeding sheep 1 year and older					
Ewes	50	38	34	38	40
Rams	3	3	3	3	2
Replacement lambs	9	7	7	10	9
Total market sheep and lambs	23	24	18	17	20
All sheep and lambs	85	72	62	68	71

Sheep and lambs: Number of operations, 1996-2000 ¹

Year	Number
1996	1,900
1997	1,600
1998	1,600
1999	1,700
2000	1,800

¹ An operation is any place having one or more head on hand at any one time during the year.

Sheep and lambs: Lamb crop, 1996-2000

Year	Breeding ewes ¹	Lambs per 100 ewes ¹	Lamb crop
	<i>1,000 Head</i>	<i>Number</i>	<i>1,000 Head</i>
1996	49	129	63
1997	50	124	62
1998	38	121	46
1999	34	132	45
2000	38	121	46

¹ Ewes 1 year and older January 1.

Sheep and lambs: Balance sheet, 1996-2000

Year	All sheep and lambs on hand January 1	Lamb crop	Inshipments	Marketings ¹		Farm slaughter ²	Deaths		All sheep and lambs on hand following January 1
				Sheep	Lambs		Sheep	Lambs	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
1996	87	63	10.0	9.0	51.0	2.0	2.0	11.0	85
1997	85	62	13.0	24.0	49.0	2.0	2.0	11.0	72
1998	72	46	8.0	16.0	36.0	2.0	1.0	9.0	62
1999	62	45	5.0	4.0	28.5	2.0	2.5	7.0	68
2000	68	46	2.0	7.5	26.5	2.0	3.0	6.0	71

¹ Includes custom slaughter and state outshipments, but excludes sales within Michigan.

² Excludes custom slaughter for farmers at commercial establishments.

Sheep and lambs: Production and income, 1996-2000

Year	Production ¹	Marketings ²	Average price per cwt		Value of production	Cash receipts ³	Value of home consumption	Gross income
			Sheep	Lambs				
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1996	6,465	6,735	25.00	86.50	5,073	5,079	497	5,576
1997	6,140	8,530	35.00	84.00	4,834	5,578	483	6,061
1998	4,270	5,715	32.00	69.00	2,710	3,233	397	3,630
1999	3,982	3,225	30.00	69.00	2,579	2,111	397	2,508
2000	3,848	3,250	31.00	75.00	2,654	2,197	431	2,628

¹ Adjustments made for changes in inventory and for inshipments.

² Excludes custom slaughter for use on farms where produced and inter-farm sales within the state.

³ Receipts from marketings and sale of farm slaughter.

Sheep and lambs: Wool production and value, 1996-2000

Year	Sheep shorn	Weight per fleece	Production	Price per pound	Value of production ¹
	<i>1,000 Head</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>Cents</i>	<i>1,000 Dollars</i>
1996	80	7.4	590	36	212
1997	62	7.3	450	44	198
1998	58	7.4	430	31	133
1999	66	7.0	465	14	65
2000	72	6.4	460	14	64

¹ Production multiplied by marketing year average price.

Trout

Michigan's 33 commercial trout operations sold 474,000 pounds of trout in 2000. This was an increase of 11 percent from last season. Sales were valued at \$1.0 million, and included sales of foodsize trout (12 inches or longer), stockers (6 to 12 inches), fingerlings (2 to 6 inches) and eggs.

Foodsize trout had sales of 388,000 pounds with an average liveweight of 1.2 pounds per fish. Foodsize sales totaled \$776,000 for an average value of \$2.00 per pound. The major sales outlets were direct sales to fee fishing at 30 percent of total, 24 percent direct to consumers and 20 percent to processors. Stocker trout

sales totaled 78,000 pounds with an average liveweight of 0.37 pounds per trout. The value of sales, at \$207,000, increased from \$174,000 and averaged \$2.65 per pound. Fee fishing at 70 percent of sales and direct to consumers at 11 percent accounted for the majority of sales. Number of fingerlings sold was 250,000, down 19 percent from last year. The value of sales decreased to \$54,000 and averaged \$215.00 per 1,000 fish.

Losses of trout in Michigan amounted to 224,000 fish, weighing 29,000 pounds. Disease accounted for 51 percent of all fish lost.

Trout: Sales by size category, 1996-2000

Size category	Number of fish	Live weight	Sales	
			Total	Average per pound ¹
	<i>1,000</i>	<i>1,000</i>	<i>1,000 dollars</i>	<i>Dollars</i>
Foodsize (12 inches long or more):				
1996	605	570	1,330	
1997	550	540	1,255	2.32
1998	340	350	777	2.22
1999	320	352	859	2.44
2000	330	388	776	2.00
Stocker (6-12 inches long):				
1996	620	240	525	2.19
1997	220	75	160	2.13
1998	320	109	302	2.77
1999	200	65	174	2.67
2000	210	78	207	2.65
Fingerlings (2-6 inches long):				
1996	700	18	200	11.11
1997	485	13	70	5.38
1998	320	17	72	226.00
1999	310	10	80	259.00
2000	250	8	54	215.00

¹ Average per thousand fish after 1997.

Trout: Number of operations, 1997-2001

Year	Operations
	<i>Number</i>
1997	41
1998	42
1999	39
2000	30
2001	33