

Based on an analysis of animal inventories across the U.S., feed manufacturers produced less primary feed in 2010 than in 2009.

The total in 2010 was estimated to be 117.753 million tons, a 0.4% decrease from the 2009 estimate of 118.333 million tons (Table 1). It is also the lowest feed production estimate since 1999, which was at 118.333 million tons. Over the last 10-year period, the U.S. feed production estimate has ranged from 117.8 million to 124.7 million tons.

For statistical purposes, the U.S. Department of Agriculture's National Agricultural Statistics Service divides

the country into 10 reporting regions. Based on this break down, the Corn Belt had the largest share of estimated primary feed production in 2010 at 23.7 million tons, followed by the Southeast region at 17.3 million tons.

By species, demand for primary feed in 2010 was greatest for broilers at 40.8 million tons, followed by hogs at 16.8 million tons.

The American Feed Industry Assn., a trade association representing the U.S. feed industry, estimates some 6,300 primary feed manufacturing plants in the U.S., including 1,043 facilities producing medicated feed.

Animal feed products, in general, consist of one of the following categories:

- Ingredients, derived from the processing of grains, oilseeds, meat, vegetable and fish products;
- Roughages, such as hay and grasses;
- Compound feeds, which combine ingredient feeds, and
- Pet foods.

Explanation and analysis

Feedstuffs' estimates of feed production are derived from U.S. Department of Agriculture figures on animal production and estimated rates of consumption by animal type for each of 10 U.S. geographic regions.

Primary feed is defined as feed mixed from individual ingredients, sometimes with the addition of a premix at a rate of less than 100 lb. per ton of finished feed. Primary feed may be a complete feed, a supplement, a concentrate or other feed product for mixing with more ingredients. For the most part, primary feed does not include feed grains, wheat, rye or byproduct feeds that may have been purchased or ground and added as a feed supplement or feed concentrate.

The Association of American Feed Control Officials offers the following feed-related definitions:

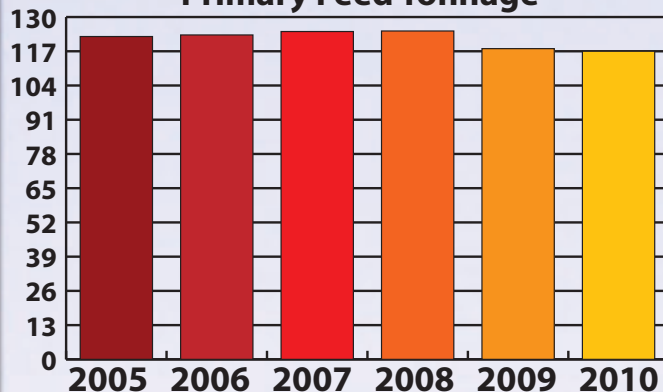
Complete (or compound) feed. A nutritionally adequate feed for animals other than humans by specific formula compounded to be fed as the sole ration and capable of maintaining life and/or promoting production without any additional substance, except water, being consumed.

Concentrate. A feed used with another to improve the nutritive balance of the total and intended to be further-diluted and mixed to produce a supplement or a complete feed.

Supplement. A feed used with another to improve the nutritive balance of performance of the total and that is intended to be (1) fed undiluted as a supplement to other feeds, (2) offered free choice with other parts of the ration separately available or (3) further diluted and mixed to produce a complete feed.

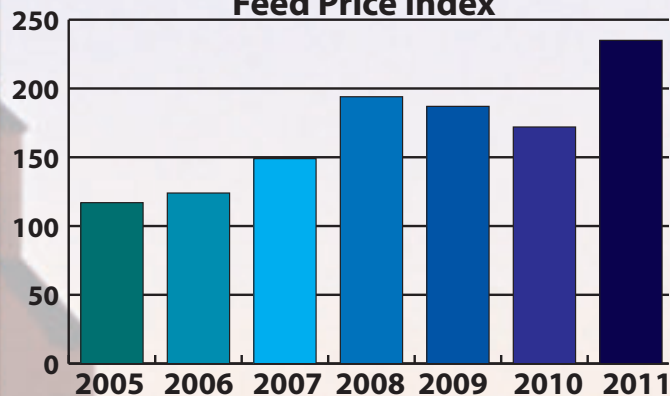
Premix. A uniform mixture of one or more micro-ingredients with diluent and/or carrier. Premixers are used to facilitate uniform dispersion of the micro-ingredients in a large mix. In addition to primary feed tonnage, many feed mills manufacture secondary feed. Secondary feed is mixed with one or more ingredients and a formula feed — a primary feed. These supplements are generally used at a rate of 300 lb. or more per ton of finished feed, depending on the protein content of the supple-

Primary Feed Tonnage



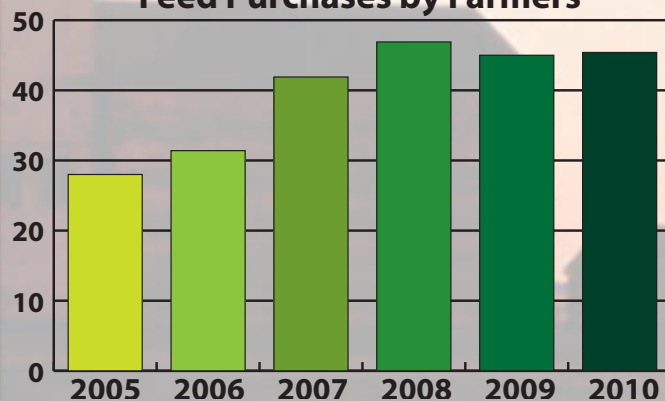
Primary feed is feed mixed with individual feed ingredients, sometimes with the addition of a premix at the rate of up to 100 lb. per ton of finished feed. (Million tons)

Feed Price Index



Average price paid by farmers for feed are based largely on quotations from independent operators. U.S. prices are weighted averaged. (Index: 1990-92 = 100)

Feed Purchases by Farmers



Feed purchases include formula feeds, oilseeds, grain, molasses, hays and forages, other feeds and pasture and grazing. (Billion dollars)

Feed Marketing & Distribution

ment and the percentage of the protein content desired in the finished feed.

Animal-to-feed ratios are presented in Table 13. These ratios are indicators of the profitability of animal production. They compare the market price of a unit of animal to the

price of feed. For example, the hog:corn price ratio is the price of 100 lb. of live hog divided by the price of a bushel of corn. The larger the ratio, the more money a producer receives for the animal or animal product relative to what the producer paid for feed. ■

Top U.S. commercial feed companies, based on capacity, 2011

Company	Average annual manufacturing capacity, million tons
1. Land O'Lakes-Purina LLC	11.0
2. Cargill Animal Nutrition ¹	10.0
3. ADM Alliance Nutrition	3.2
4. J.D. Heiskell & Co.	2.4
5. Kent Feeds ²	2.0
6. Westway Feed Products	1.7
6. Southern States Co-op	1.7
6. Viterra ³	1.7
7. Ridley Inc. ³	1.6
8. Quality Liquid Feeds	0.8
9. Pennfield Corp.	0.7

¹Includes North American feed tonnage only.

²Includes Blue Seal Feeds and Evergreen Mills.

³Includes Canadian feed tonnage.

Top U.S. beef slaughter firms, 2010

Company	Daily capacity
1. Cargill Meat Solutions	29,000
2. Tyson Foods	28,700
3. JBS USA	28,600
4. National Beef Packing Co. LLC	14,000
5. American Foods Group LLC	7,000
6. Greater Omaha Packing Co.	2,900
7. Nebraska Beef Ltd.	2,600
8. XL Four Star Beef	2,300
9. AB Foods LLC	1,600
9. Sam Kane Beef Processors	1,600

Top U.S. beef feedlot operations, 2010

Company	One-time capacity
1. JBS Five Rivers Cattle Feeding	940,000
2. Cactus Feeders Inc.	520,000
3. Cargill Cattle Feeders LLC	350,000
4. Friona Industries LP	275,000
5. J.R. Simplot Co.	230,000
6. AzTx Cattle Co.	217,000
7. Irsik & Doll	215,000
8. Cattle Empire LLC	197,500
9. Four States Feedyards	195,000
10. Agri Beef Co.	180,000

Top U.S. pork slaughter firms, 2011

Company	Daily capacity
1. Smithfield Foods	114,400
2. Tyson Foods	76,625
3. Swift	47,000
4. Excel Corp.	39,400
5. Hormel Foods Corp.	37,400
6. Triumph Foods	20,000
7. Seaboard	19,500
8. Indiana Packers	16,500
9. Hatfield Quality Meats	10,600
10. J.H. Routh	4,200

Top U.S. pork producing companies, 2010

Company	Thousand sows
1. Smithfield Foods	876.8
2. Triumph Foods	371.0
3. Seaboard Farms	213.6
4. Iowa Select Farms	157.5
5. The Pipestone System	140.0
6. The Maschhoffs	137.0
7. Prestage Farms	125.0
8. Cargill	119.0
9. The Carthage System	85.0
10. AMVC Management Services	77.0

Source for above tables: Cattle Buyers Weekly; National Pork Board; Successful Farming.

Top U.S. broiler producing companies, mid-2011

Company	Average weekly production, million pounds ^a	Market share, %
1. Tyson Foods	160	22.0
2. Pilgrim's Pride	125	17.2
3. Perdue Farms/Coleman Natural	57.5	7.9
4. Sanderson Farms	50	6.9
5. Koch Foods	35	4.8
6. Mountaire Farms	32.5	4.5
6. Wayne Farms	32.5	4.5
8. House of Raeford Farms	23	3.2
9. Keystone Foods	20	2.7
9. Foster Farms	20	2.7
9. Peco Farms	20	2.7

^aReady-to-cook weight basis.

Source: National Chicken Council.

Top U.S. egg producing companies, 2010

Company	Million layers
1. Cal-Maine Foods Inc.	29.0
2. Rose Acre Farms	21.0
3. DeCoster Egg Farms and affiliates	13.0
4. Moark LLC	12.5
5. Hillandale Farms of Pennsylvania	12.0
5. Michael Foods	12.0
5. Rembrandt Enterprises	12.0
5. Sparboe Summit Farms	12.0
9. Daybreak Foods	10.8
10. Center Fresh Egg Group	7.2

Source: Watt Poultry.

Top U.S. turkey producing companies, 2011

Company	Million lb. (live)
1. Butterball LLC	1,300
2. Jennie-O Turkey Store	1,286
3. Cargill Value Added Meats	1,095
4. Farbest Foods Inc.	374
5. Sara Lee	330
6. Kraft Foods Inc./Oscar Mayer	290
7. Perdue Inc.	271
8. Foster Farms	257
9. House of Raeford Farms Inc.	248
10. Virginia Poultry Growers Cooperative	224

Source: Watt Poultry.

Top U.S. dairy cooperatives, 2010

Cooperative	Member milk volume (billion lb.)
1. Dairy Farmers of America	37.70
2. California Dairies Inc.	16.90
3. Land O'Lakes Inc.	12.71
4. Northwest Dairy Assn.	7.20
5. Dairylea Cooperative Inc.	6.06
6. Associated Milk Producers Inc.	6.00
7. Family Dairies USA	5.99
8. Foremost Farms USA	5.39
9. Manitowoc Milk Producers Cooperative	5.10
10. Select Milk Producers	4.61

Source: Hoard's Dairyman.

Top ethanol producers, 2011

Company	Nameplate capacity (million gallons per year)
1. Archer Daniels Midland	1,750
2. POET Biorefining	1,515
3. Valero Renewable Fuels	1,130
4. Green Plains Renewable Energy	740
5. Flint Hills Resources LP	440
6. Abengoa Bioenergy Corp.	378
7. Aventine Renewable Energy LLC	354
8. The Andersons	275
9. White Energy	258
10. BioFuel Energy	230

As of June 23, 2011. Does not include facilities under construction or expansion. Total current capacity at 208 ethanol biorefineries equals 14,534 billion gallons per year.

Source: Renewable Fuels Assn.

Top regulated animal health product suppliers, 2010

Company	Fiscal 2010 sales revenue, million \$
1. Pfizer Animal Health	3,575
2. Merck Animal Health (formerly Intervet/Schering-Plough)	2,941
3. Merial Ltd.	2,635
4. Bayer Animal Health	1,480
5. Elanco Animal Health	1,391
6. Boehringer Ingelheim Vetmedica	1,239
7. Novartis Animal Health	1,208
8. Idexx Laboratories	1,103
9. CG&P Pet Products Division	834
10. Virbac SA	749

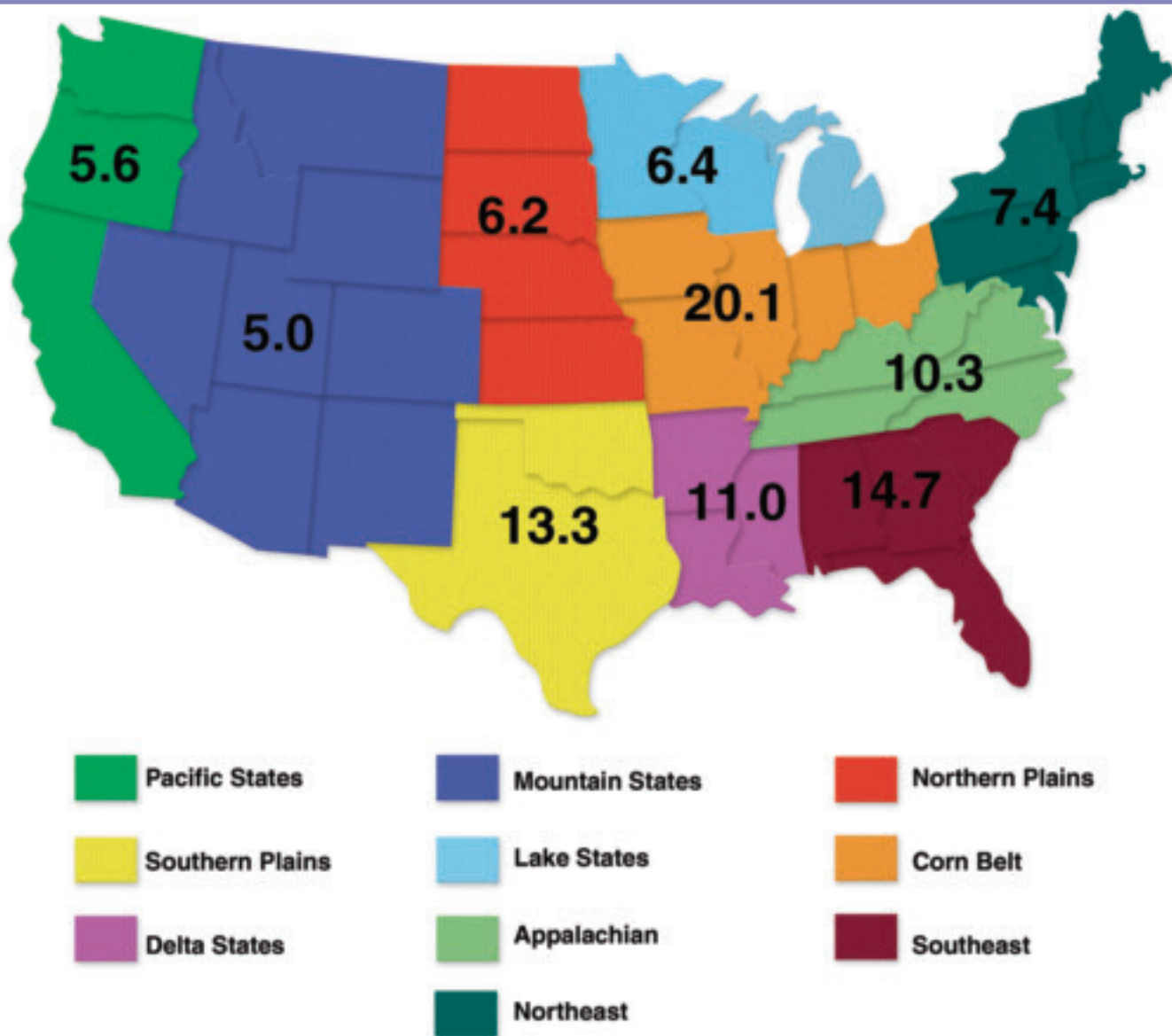
Source: Fountain Agrcounsel LLC.



1. Estimated primary feed production required to support animal inventory, 2005-10, by region^a (1,000 tons)

Region	2005	2006	2007	2008	2009	2010	2010 as a % of 2009	% of total
Northeast	9,287	9,100	9,056	8,984	8,636	8,673	96.5	7.37
Lake	9,015	9,190	9,549	9,366	7,414	7,519	80.3	6.39
Mountain	5,691	5,822	5,918	5,925	5,784	5,918	99.9	5.03
Corn Belt	23,098	23,585	24,059	24,665	23,817	23,694	96.1	20.12
Appalachian	13,128	13,152	13,477	13,335	12,358	12,092	90.7	10.27
Northern Plains	7,686	7,673	7,737	7,435	7,326	7,351	98.9	6.24
Southeast	17,622	18,003	17,938	18,145	17,138	17,269	95.2	14.67
Delta	14,478	13,981	14,047	14,011	12,950	12,929	92.3	10.98
Southern Plains	15,996	15,983	15,919	16,113	16,338	15,702	97.4	13.33
Pacific	6,671	6,689	6,794	6,768	6,573	6,606	97.6	5.61
Type								
Starter/grower/layer/breeder	16,777	16,866	16,789	16,507	16,362	16,478	99.8	13.99
Broiler	42,086	42,128	42,167	42,705	40,495	40,834	95.6	34.68
Turkey	7,738	7,858	8,197	8,056	5,251	4,667	57.9	3.96
Dairy	13,751	13,844	14,039	14,253	13,803	13,922	97.7	11.82
Beef/sheep	17,763	17,634	17,575	17,024	16,889	16,704	98.1	14.19
Hog	15,938	16,214	16,990	17,421	17,182	16,834	96.6	14.30
All other	8,619	8,639	8,736	8,768	8,350	8,314	94.8	7.06
Total all feeds	122,672	123,178	124,494	124,746	118,333	117,753	94.4	100.00

Source: Feedstuffs estimates.



2. Estimated primary feed required to support animal inventory, 2010, by region^a

	Starter/Grower/ layer/breeder	Broiler	Turkey	Dairy cattle	Beef cattle and sheep	Hog	All other	Est. total
Northeast	2,120	2,739	244	2,339	86	321	824	8,673
Lake	1,616	445	ND	1,886	358	2,815	399	7,519
Mountain	423	ND	133	2,236	2,110	472	543	5,918
Corn Belt	4,581	4,373	1,274	1,301	1,402	8,263	2,501	23,694
Appalachian	1,190	6,430	993	494	177	2,221	587	12,092
Northern Plains	740	ND	115	276	4,346	1,586	290	7,351
Southeast	2,281	13,198	393	298	291	128	680	17,269
Delta	1,184	9,257	784	63	231	150	1,260	12,929
Southern Plains	1,238	4,393	320	1,202	6,795	837	917	15,702
Pacific	1,105	ND	410	3,827	907	41	315	6,606

^aSome totals include data from other states and regions. ND = not determined. Source: Feedstuffs estimates.

3. Animal inventories: NORTHEAST, 2010 (1,000 head) with comparisons

	Layers ¹	Broilers ²	Turkeys ³	Milk cows ¹	Other cattle ⁴	Sheep and lambs ⁴	Hogs and pigs ⁵
Connecticut	2,475 (-10)	NR	NR	19 (—)	30 (3)	51 (6)	3 (—)
Delaware	f	235,000 (2)	NR	5 (-17)	13 (-7)	c	6 (-25)
Maine	3,592 (2)	NR	NR	32 (-3)	58 (7)	e	5 (—)
Maryland	2,271 (5)	300,500 (3)	NR	53 (-2)	142 (1)	c	26 (-13)
Massachusetts	111 (—)	NR	NR	14 (8)	26 (-13)	e	11 (—)
New Hampshire	f	NR	NR	15 (—)	19 (-14)	e	3 (50)
New Jersey	f	NR	NR	8 (-11)	24 (-11)	c	8 (—)
New York	3,997 (-2)	b	NR	610 (—)	790 (-1)	70 (6)	108 (40)
Pennsylvania	23,889 (6)	149,300 (-3)	7,400 (-18)	543 (1)	1,067 (-1)	98 (4)	1,110 (-6)
Rhode Island	f	NR	NR	1 (—)	4 (—)	e	2 (—)
Vermont	211 (—)	NR	NR	135 (1)	135 (3)	e	3 (—)
Total	36,546 (3)	684,800 (1)	7,400 (-18)	1,435 (—)	2,308 (-1)	219 (5)	1,285 (-3)

Percent change from 2009 shown in parenthesis. For footnote information, see Table 12. Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

4. Animal inventories: LAKE STATES, 2010 (1,000 head) with comparisons

	Layers ¹	Broilers ²	Turkeys ³	Milk cows ¹	Other cattle ⁴	Sheep and lambs ⁴	Hogs and pigs ⁵
Michigan	10,157 (3)	b	NR	361 (2)	729 (-2)	74 (-8)	1,040 (-4)
Minnesota	10,378 (2)	42,100 (-6)	47,000	470 (—)	1,910 (-2)	130 (—)	7,700 (4)
Wisconsin	4,716 (-3)	46,900 (2)	a	1,265 (—)	2,185 (2)	90 (—)	340 (-6)
Total	25,251 (1)	89,000 (-2)	47,000	2,096 (1)	4,824 (—)	294 (-2)	9,080 (3)

Percent change from 2009 shown in parenthesis. For footnote information, see Table 12. Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

5. Animal inventories: MOUNTAIN STATES, 2010 (1,000 head) with comparisons

	Layers ¹	Broilers ²	Turkeys ³	Milk cows ¹	Other cattle ⁴	Sheep and lambs ⁴	Hogs and pigs ⁵
Arizona	f	NR	NR	185 (11)	685 (-10)	150 (-6)	165 (-1)
Colorado	3,628 (-3)	NR	a	123 (6)	2,527 (2)	370 (-1)	720 (—)
Idaho	f	NR	NR	574 (4)	1,626 (2)	235 (7)	61g (—)
Montana	375 (7)	NR	NR	14 (-7)	2,486 (-2)	230 (-10)	180 (3)
New Mexico	f	NR	NR	322 (1)	1,218 (-1)	110 (-8)	2 (—)
Nevada	f	NR	NR	28 (—)	432 (2)	68 (-9)	1 (-67)
Utah	3,404 (2)	NR	4,600 (44)	87 (6)	713 (-1)	280 (-3)	740 (1)
Wyoming	11 (—)	NR	NR	6 (—)	1,294 (-2)	365 (-3)	99 (14)
Total	7,418 (-1)	NR	4,600 (44)	1,339 (4)	10,981 (-1)	1,808 (-3)	1,968 (2)

Percent change from 2009 shown in parenthesis. For footnote information, see Table 12. Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

6. Animal inventories: CORN BELT, 2010 (1,000 head) with comparisons

	Layers ¹	Broilers ²	Turkeys ³	Milk cows ¹	Other cattle ⁴	Sheep and lambs ⁴	Hogs and pigs ⁵
Illinois	4,607 (—)	NR	NR	98 (-3)	1,002 (-6)	56 (-13)	4,300 (-1)
Indiana	23,523 (—)	814,500b (1)	16,000 (7)	172 (2)	678 (-3)	50 (-4)	3,650 (—)
Iowa	54,253 (1)	b	a	210 (-2)	3,690 (2)	200 (-5)	18,900 (-2)
Missouri	7,130 (—)	b	18,000 (-3)	95 (-7)	3,855 (-5)	81 (3)	2,900 (-6)
Ohio	27,951 (3)	60,000 (6)	4,600 (-12)	270 (-1)	960 (-5)	129 (1)	2,030 (—)
Total	117,464 (1)	874,500b (2)	38,600 (—)	845 (-2)	10,185 (-3)	516 (-3)	31,780 (-2)

Percent change from 2009 shown in parenthesis. For footnote information, see Table 12. Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

7. Animal inventories: APPALACHIAN STATES, 2010 (1,000 head) with comparisons

	Layers ¹	Broilers ²	Turkeys ³	Milk cows ¹	Other cattle ⁴	Sheep and lambs ⁴	Hogs and pigs ⁵
Kentucky	4,483 (—)	309,900 (1)	NR	77 (-4)	2,113 (-5)	34 (-8)	325 (-7)
North Carolina	13,305 (5)	766,500 (1)	30,000 (-15)	44 (2)	736 (-5)	27 (8)	8,800 (-9)
Tennessee	1,504 (2)	193,100 (2)	NR	50 (-6)	1,940 (-2)	35 (9)	170 (-8)
Virginia	3,001 (-1)	250,400 (4)	NR	95 (—)	1,445 (-1)	90 (1)	355 (-3)
West Virginia	1,046 (10)	87,600 (6)	3,100 (-6)	10 (—)	360 (—)	34 (13)	5 (—)
Total	23,339 (3)	1,607,500 (2)	33,100 (-15)	276 (-2)	6,594 (-3)	220 (3)	9,655 (-9)

Percent change from 2009 shown in parenthesis. For footnote information, see Table 12. Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

8. Animal inventories: NORTHERN PLAINS, 2010 (1,000 head) with comparisons

	Layers ¹	Broilers ²	Turkeys ³	Milk cows ¹	Other cattle ⁴	Sheep and lambs ⁴	Hogs and pigs ⁵
Kansas	f	NR	a	122 (5)	6,178 (5)	70 (-13)	1,810 (—)
Nebraska	9,419 (-2)	b	a	58 (-2)	6,142 (-1)	74 (—)	3,100 (-2)
North Dakota	7,153f (—)	NR	NR	20 (-5)	1,680 (-1)	78 (-11)	143 (-11)
South Dakota	2,394 (-1)	NR	4,600 (2)	90 (-2)	3,610 (-3)	275 (-14)	1,290 (10)
Total	18,966f (-1)	b	4,600 (2)	290 (1)	17,610 (1)	497 (-12)	6,343 (1)

Percent change from 2009 shown in parenthesis. For footnote information, see Table 12. Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

9. Animal inventories: SOUTHEAST, 2010 (1,000 head) with comparisons

	Layers ¹	Broilers ²	Turkeys ³	Milk cows ¹	Other cattle ⁴	Sheep and lambs ⁴	Hogs and pigs ⁵
Alabama	9,667 (5)	1,033,400 (3)	NR	11 (—)	1,219 (-4)	c	130 (-7)
Florida	9,523 (-3)	51,700 (23)	NR	114 (2)	1,516 (-6)	c	15 (-25)
Georgia	17,204 (-3)	1,313,500 (-1)	NR	78 (3)	942 (-4)	c	160 (-24)
South Carolina	4,334 (-3)	241,000 (1)	11,900 (—)	16 (-6)	369 (2)	c	230 (2)
Total	40,728 (-1)	2,639,600 (1)	11,900 (—)	219 (1)	4,046 (-4)	c	535 (-10)

Percent change from 2009 shown in parenthesis. For footnote information, see Table 12. Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

10. Animal inventories: DELTA STATES, 2010 (1,000 head) with comparisons

	Layers ¹	Broilers ²	Turkeys ³	Milk cows ¹	Other cattle ⁴	Sheep and lambs ⁴	Hogs and pigs ⁵
Arkansas	12,170 (-1)	1,043,500 (-1)	28,000 (-3)	12 (-8)	1,708 (-9)	140c (-3)	160 (-20)
Louisiana	1,759 (1)	b	NR	19 (-10)	771 (-6)	c	10 (—)
Mississippi	6,144 (4)	807,800 (2)	NR	15 (-12)	885 (-7)	c	385 (5)
Total	20,073 (—)	1,851,300 (—)	28,000 (-3)	46 (-10)	3,364 (-8)	140c (-3)	555 (-3)

Percent change from 2009 shown in parenthesis. For footnote information, see Table 12. Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

11. Animal inventories: SOUTHERN PLAINS, 2010 (1,000 head) with comparisons

	Layers ¹	Broilers ²	Turkeys ³	Milk cows ¹	Other cattle ⁴	Sheep and lambs ⁴	Hogs and pigs ⁵
Oklahoma	3,344 (—)	225,000 (—)	a	54 (-5)	5,046 (-6)	75 (—)	2,330 (1)
Texas	17,996 (-3)	653,500 (-2)	36,788 (—)	425 (4)	12,875 (—)	880 (6)	660 (-14)
Total	21,340 (-3)	878,500 (-2)	36,788 (—)	479 (3)	17,921 (-2)	955 (6)	2,990 (-3)

Percent change from 2009 shown in parenthesis. For footnote information, see Table 12. Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

12. Animal inventories: PACIFIC STATES, 2010 (1,000 head) with comparisons

	Layers ¹	Broilers ²	Turkeys ³	Milk cows ¹	Other cattle ⁴	Sheep and lambs ⁴	Hogs and pigs ⁵
California	19,522 (-1)	b	15,200 (1)	1,750 (-1)	3,400 (—)	610 (—)	105 (5)
Oregon	2,458 (2)	b	NR	121 (6)	1,209 (5)	215 (-4)	16 (-6)
Washington	6,365 (4)	b	NR	255d (4)	990d (3)	56 (-7)	g
Total	28,345 (1)	b	15,200 (1)	2,126 (—)	5,599 (2)	881 (-2)	121 (-14)

Percent change from 2009 shown in parenthesis. NR = not reported by USDA; (—) indicates a change of less than 1%. Other cattle includes all cattle except milk cows that have calved before Jan. 1, 2010. ¹Annual average. ²Production Dec. 1, 2009, to Nov. 30, 2010. ³Annual production. ⁴Jan. 1, 2011, inventory. ⁵Dec. 1, 2010, inventory. ^aFor turkeys, all other state estimates not shown and states suppressed due to disclosure are combined under Texas. ^bCalifornia, Iowa, Indiana, Louisiana, Michigan, Missouri, Oregon and Washington broiler numbers combined under Indiana. ^cAlabama, Alaska, Arkansas, Delaware, Florida, Georgia, Hawaii, Louisiana, Mississippi, New Jersey and South Carolina sheep and lamb statistics combined under Arkansas. ^dHawaii and Alaska milk cow and other cattle statistics combined under Washington. ^eConnecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont sheep and lamb statistics combined under Connecticut. ^fAlaska, Arizona, Delaware, Kansas, Nevada, New Mexico, North Dakota and Rhode Island laying hen statistics combined under North Dakota. ^gWashington and Idaho hogs and pigs statistics combined under Idaho.

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

13. Feed/price ratios, 2007-11

Ratio	2007	2008	2009	2010	2011
Broiler:feed — pounds of broiler feed equal in value to 1 lb. of broilers, live weight	6.0	3.6	4.3	4.7	3.1
Egg:feed — pounds of laying feed equal in value to 1 doz. eggs	9.3	11.7	7.2	6.9	6.4
Steer & heifer:corn — bushels of corn equal in value to 1 cwt. of steers and heifers, live weight	28.9	19.7	17.9	28.8	19.2
Hog:corn — bushels of corn equal in value to 1 cwt. of hogs, live weight	13.5	8.6	11.3	15.3	10.7
Milk:feed — pounds of 16% mixed dairy feed equal in value to 1 lb. whole milk	2.41	2.07	1.57	2.15	1.83
Turkey:feed — pounds of turkey grower feed equal in value to 1 lb. of turkey, live weight	5.6	4.0	4.8	5.7	4.4

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

14. Prices received, dollars, U.S., May 2011

Commodity	Unit	1990-92 average	May 2010	April 2011	May 2011*
Calves	Cwt.	94.30	124.00	147.00	141.00
Cattle, all beef	Cwt.	72.90	94.70	119.00	115.00
Cows ¹	Cwt.	49.60	59.00	78.90	79.10
Steers and heifers	Cwt.	77.10	99.70	122.00	118.00
Milk cows ²	Head	1,130.00	—	1,420.00	—
Hogs, all	Cwt.	47.70	62.20	67.70	67.80
Barrows and gilts	Cwt.	48.40	62.40	68.30	68.50
Sows	Cwt.	39.50	56.70	57.90	56.10
Lambs	Cwt.	56.20	122.00	181.00	—
Sheep	Cwt.	23.40	46.20	68.80	—
Milk, all ³	Cwt.	13.06	15.00	19.60	19.40
Broilers, live ⁴	Lb.	0.317	0.520	0.490	0.500
Eggs, all ⁵	Doz.	0.643	0.633	1.050	0.822
Eggs, market/table ⁵	Doz.	0.546	0.441	0.887	0.622
Turkeys, live ⁵	Lb.	0.380	0.561	0.654	0.682

*May 2011 is preliminary.¹Beef cows and cull dairy cows sold for slaughter.²Animals sold for dairy replacement only. Prices available for January, April, July and October.³Before deductions for hauling, includes quality, quantity and other premiums.⁴Equivalent live weight price.⁵Mid-month price.

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

15. All cattle and calves, top 10 states, 2010

State	1,000 head	Rank '10	Rank '09
Texas	13,300	1	1
Kansas	6,300	2	3
Nebraska	6,200	3	2
California	5,150	4	5
Oklahoma	5,100	5	4
Missouri	3,950	6	6
Iowa	3,900	7	7
South Dakota	3,700	8	8
Wisconsin	3,450	9	9
Colorado	2,650	10	10
Total in top 10 states:	53,700		53,950
Percent of U.S. total:	58.0		57.6

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

16. Cattle and calves on feed, top 10 states, 2010

State	1,000 head	Rank '10	Rank '09
Texas	2,850	1	1
Nebraska	2,550	2	2
Kansas	2,400	3	3
Iowa	1,380	4	4
Colorado	1,100	5	5
California	470	6	6
South Dakota	410	7	7
Oklahoma	380	8	8
Minnesota	320	9	9
Arizona	258	10	10
Total in top 10 states:	12,118		11,763
Percent of U.S. total:	86.4		86.2

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

17. Milk cow inventory, top 10 states, 2010

State	1,000 head	Rank '10	Rank '09
California	1,750	1	1
Wisconsin	1,265	2	2
New York	610	3	3
Idaho	574	4	4
Pennsylvania	543	5	5
Minnesota	470	6	6
Texas	425	7	7
Michigan	361	8	8
New Mexico	322	9	9
Ohio	270	10	10
Total for 10 states	6,590		6,544
Percent of U.S. total	72.0		72.1

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

18. Hog inventory, top 10 states, 2010

State	1,000 head	Rank '10	Rank '09
Iowa	18,900	1	1
North Carolina	8,800	2	2
Minnesota	7,700	3	3
Illinois	4,300	4	4
Indiana	3,650	5	5
Nebraska	3,100	6	6
Missouri	2,900	7	7
Oklahoma	2,330	8	8
Ohio	2,030	9	9
Kansas	1,810	10	10
Total for top 10 states	53,490		56,790
Percent of U.S. inventory	83.2		83.3

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

19. Broiler inventory, top 10 states, 2010

State	1,000 head	Rank '10	Rank '09
Georgia	1,313,500	1	1
Arkansas	1,043,500	2	2
Alabama	1,033,400	3	3
Mississippi	807,800	4	4
North Carolina	766,500	5	5
Texas	653,500	6	6
Kentucky	309,900	7	7
Maryland	300,500	8	8
Virginia	250,400	9	9
South Carolina	241,000	10	10
Total for 10 states	6,720,000		6,674,400
Percent of all broilers	77.9		78.1

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

20. Turkey inventory, top 9 states, 2010

State	1,000 head	Rank '10	Rank '08
Minnesota	47,000	1	1
North Carolina	30,000	2	2
Arkansas	28,000	3	3
Missouri	18,000	4	4
Virginia	17,000	5	5
Indiana	16,000	6	7
California	15,200	7	6
South Carolina	11,900	8	8
Pennsylvania	7,400	9	9
Total for 9 states	190,500		221,500
Percent of all turkeys	78.0		81.1

*Note: Top turkey state rankings were not determined in 2009.

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

21. Laying hen inventory, top 10 states, 2010

State	1,000 head	Rank '10	Rank '09
Iowa	54,253	1	1
Ohio	27,951	2	2
Pennsylvania	23,889	3	4
Indiana	23,523	4	3
California	19,522	5	5
Texas	17,996	6	6
Georgia	17,204	7	7
North Carolina	13,305	8	8
Arkansas	12,170	9	9
Minnesota	10,378	10	10
Total for 10 states	220,191		218,154
Percent of all hens	65.2		64.7

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

22. Sheep inventory, top 10 states, 2010

State	1,000 head	Rank '10	Rank '09
Texas	880	1	1
California	610	2	2
Colorado	370	3	3
Wyoming	365	4	3
Utah	280	5	6
South Dakota	275	6	5
Idaho	235	7	9
Montana	230	8	7
Oregon	215	9	8
Iowa	200	10	10
Total for 10 states	3,660		3,710
Percent of U.S. inventory	66.2		65.9

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

23. Compound feed production in the European Union, 2010, 1,000 metric tons

Country	Cattle	Swine	Poultry	Milk replacers	Others	Total*
Austria	440	260	470	0	105	1,395
Belgium	1,182	3,666	1,408	42	148	6,446
Bulgaria	93	234	553	0	24	904
Cyprus	110	13	64	1	105	296
Czech Republic	469	935	993	4	85	2,757
Denmark	905	2,888	535	0	206	4,534
Estonia	40	140	48	0	2	230
Finland	616	342	291	0	101	1,350
France	5,110	5,771	8,626	385	1,552	21,444
Germany	6,035	9,276	5,534	145	759	21,749
Hungary	505	1,490	1,680	0	195	3,870
Ireland	2,270	580	466	6	374	3,746
Italy	3,470	3,230	5,800	160	900	14,180
Latvia	40	110	160	0	15	327
Lithuania	33	70	265	2	7	381
Netherlands	3,332	5,750	3,500	710	430	13,752
Poland	672	1,546	5,102	0	320	7,640
Portugal	750	920	1,420	0	228	3,368
Romania	155	1,500	1,650	0	0	3,317
Slovakia	196	224	231	0	10	661
Slovenia	95	110	260	0	12	477
Spain	6,566	8,600	4,700	0	140	20,526
Sweden	916	385	545	1	85	1,996
U.K.	4,996	1,614	6,590	1	1,427	14,627
EU-27**	38,996	49,654	50,891	1,457	7,230	149,973

*Includes dry pet foods.

**Without Luxembourg, Greece and Malta.

Source: Adapted for Feedstuffs from FEFAC data.

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24. Milk cows, yield per cow and production in specified countries, 2009-10

Country	-----Milk cows----- (1,000 head)		----Production per cow---- (metric tons per head)		-----Total milk production----- (1,000 metric tons)	
	2009	2010	2009	2010	2009	2010
EU-27	24,192	23,662	5.53	5.67	133,700	134,200
Russia	9,530	9,200	3.42	3.45	32,600	31,740
India	42,600	43,600	1.13	1.15	48,160	50,300
China	7,115	7,350	4.00	3.96	28,445	29,100
New Zealand	4,597	4,753	3.78	3.56	17,397	16,897
Australia	1,676	1,630	5.56	5.77	9,326	9,400
Argentina	2,100	2,100	4.93	5.05	10,350	10,600
Brazil	17,200	17,600	1.67	1.70	28,795	29,948
Mexico	6,400	6,560	1.70	1.70	10,866	11,176
Canada	979	981	8.46	8.51	8,280	8,350
U.S.	9,201	9,111	9.33	9.60	85,874	87,450
Total	129,294	130,135	3.35	3.36	433,073	437,901

Source: Adapted for Feedstuffs from Foreign Agricultural Service, Dairy, Livestock & Poultry Division.

25. Feed prices paid (dollars), by regions and U.S., March 2011

Item	Unit	Appalachian	Corn Belt	Delta	Lake	Mountain	North-east	Northern Plains	Pacific	South-east	Southern Plains	U.S.
Alfalfa meal	cwt.	28.00	22.80	22.30	23.00	24.80	30.40	19.70	29.00	25.50	22.20	24.00
Alfalfa pellets	cwt.	26.30	23.70	22.90	23.10	22.70	29.70	22.50	23.70	25.80	22.40	24.10
Bran	cwt.	24.50	24.00	22.40	20.70	28.80	23.80	24.80	27.90	26.20	27.20	24.70
Beef cattle concentrate, 32-36% protein	ton	541	516	348	541	561	503	501	628	441	439	498
Corn meal	cwt.	19.10	15.70	17.60	14.50	22.90	18.20	13.00	22.30	20.20	18.00	17.10
Cottonseed meal	cwt.	23.70	24.50	22.00	24.70	28.40	28.10	22.00	34.90	25.30	23.70	26.60
Dairy feed												
14% protein ¹	ton	319	321	304	329	478	411	318	336	352	308	333
16% protein ¹	ton	326	381	326	400	521	340	414	358	408	344	369
18% protein ¹	ton	312	400	392	447	550	367	561	(D)	333	(D)	365
20% protein ¹	ton	325	433	370	473	510	358	558	(D)	343	(D)	358
32-38% protein concentrate	ton	543	512	(S)	543	(S)	492	531	500	426	431	522
Hog feed												
14-18% protein ^{1,2}	ton	443	367	429	370	545	424	429	496	449	462	385
38-42% protein concentrate	ton	609	549	501	549	657	580	590	723	654	652	563
Molasses, liquid	cwt.	21.20	23.50	24.20	20.80	29.00	18.40	17.40	30.80	20.10	19.50	22.30
Poultry feed¹												
Broiler grower	ton	546	471	510	460	620	534	513	644	460	555	502
Chick starter	ton	558	448	518	496	633	538	517	651	549	542	541
Laying feed	ton	493	387	437	417	545	398	468	580	384	497	450
Turkey grower	ton	553	483	593	476	657	535	524	622	560	521	495
Soybean meal, 44%	cwt.	29.40	24.60	28.50	20.70	35.50	27.50	25.80	37.60	30.80	29.70	26.80
Soybean meal, >44%	cwt.	28.20	23.30	27.70	21.10	33.40	26.90	22.60	31.00	29.40	22.30	24.80
Stock salt	50 lb.	6.81	6.07	5.43	5.86	6.57	7.35	4.93	7.25	6.93	5.63	6.18
Trace mineral blocks	50 lb.	8.56	8.00	7.16	7.81	8.23	8.74	7.53	9.34	8.31	7.67	8.16

¹Complete ration feed, fed without mixing or supplementation. ²Excluding pig starter.

Dashes indicate items not surveyed. (S) indicates insufficient number of reports to establish an estimate. (D) indicates data withheld to avoid disclosing data for individual operations.

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

26. Cattle & calves: Number of operations and percent of inventory by size groups, 2010

Head	Operations	Percent of inventory
1-49	635,000	11.4
50-99	129,000	9.6
100-499	141,600	31.0
500-999	18,700	13.5
1,000-1,999	6,500	9.0
2,000-4,999	3,010	8.9
5,000+	1,190	16.6
Total	935,000	100

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

27. Beef cows: Number of operations and percent of inventory by size groups, 2010

Head	Operations	Percent of inventory
1-49	588,000	28.0
50-99	82,000	17.4
100-499	66,300	38.0
500-999	4,280	8.8
1,000-1,999	1,090	4.5
2,000-4,999	280	2.1
5,000+	50	1.2
Total	742,000	100.0

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

28. Milk cows: Number of operations, percent of inventory and percent of production of milk products by size groups, 2010

Head	Operations	Percent of inventory	Percent of production
1-29	20,000	1.7	1.1
30-49	11,000	4.7	3.5
50-99	15,500	11.8	10.4
100-199	8,600	12.3	11.3
200-499	4,000	12.8	12.7
500-999	1,720	12.6	13.0
1,000-1,999	920	13.3	15.5
2,000+	760	30.8	32.5
Total	62,500	100.0	100.0

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

29. Hogs & pigs: Number of operations and percent of inventory by size group, based on ownership, 2010

Head	Operations	Percent of inventory
1-99	48,400	0.8
100-499	4,450	2.0
500-999	1,920	2.1
1,000-1,999	2,050	4.2
2,000-4,999	2,300	10.1
5,000-9,999	675	7.5
10,000-19,999	360	7.7
20,000-49,999	175	8.6
50,000+	130	57.0
Total	60,460	100.0

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

30. Cattle & calves: Number by class, U.S., Jan. 1, 2010-11, thousand head

Class	2010	2011	% change
Cattle and calves	93,881	92,582	-1
Cows and heifers that have calved	40,456	40,014	-1
Beef cows	31,371	30,865	-2
Milk cows	9,086	9,150	1
Heifers 500+ lb.	19,746	19,533	-1
For beef cow replacement	5,451	5,158	-5
For milk cow replacement	4,526	4,557	1
Other heifers	9,769	9,818	1
Steers 500+ lb.	16,510	16,382	-1
Bulls 500+ lb.	2,190	2,153	-2
Calves less than 500 lb.	14,979	14,500	-3
Cattle on feed	13,642	14,023	3

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

31. Sheep & lambs: Number by class, U.S., Jan. 1, 2010-11, thousand head

Class	2010	2011	% change
All sheep and lambs	5,620	5,530	-2
Breeding sheep and lambs	4,185	4,115	-2
Replacement lambs less than 1 year old	655	670	2
Ewes, 1 year old and older	3,335	3,255	-2
Rams, 1 year old and older	195	190	-3
Market lambs	1,435	1,415	-1

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

32. Goats: number by class, U.S., Jan. 1, 2010-11, thousand head

Class	2010	2011	% change
All goats	3,038	3,000	-1
Angora goats	161	172	7
Milk goats	356	360	1
Meat and other goats	2,521	2,468	-2
All breeding goats	2,519	2,486	-1
All replacement kids	467	459	-2
All does, 1 year old and older	1,867	1,842	-1
All bucks, 1 year old and older	185	185	0
All market goats and kids	519	514	-1

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

33. Farrowings: Number of sows, pig crop and pigs per litter, U.S., 2009-11

	2009	2010	2011*
Sows farrowing	-----1,000 head-----		
Dec.-Feb.**	3,011	2,872	2,856
March-May	3,018	2,929	2,863
Dec.-May	6,029	5,801	5,719
June-Aug.	2,959	2,907	—
Sept.-Nov.	2,915	2,847	—
June-Nov.	5,874	5,754	—
Pig crop			
Dec.-Feb.	28,552	27,597	—
March-May	29,012	28,730	—
Dec.-May	57,564	56,327	—
June-Aug.	28,718	28,512	—
Sept.-Nov.	28,260	28,151	—
June-Nov.	57,978	56,662	—
Pigs per litter	-----Number-----		
Dec.-Feb.	9.48	9.61	—
March-May	9.61	9.81	—
Dec.-May	9.55	9.71	—
June-Aug.	9.70	9.81	—
Sept.-Nov.	9.70	9.89	—
June-Nov.	9.70	9.85	—

*Intentions for 2011.

**December of prior year.

Source: Adapted for Feedstuffs from U.S. Department of Agriculture statistics.

34. Poultry slaughtered: Number by type, U.S., 2009-10, thousand head

Type	2009	2010
Chickens		
Young	8,519,970	8,649,535
Mature	138,633	140,943
Light	63,572	67,658
Heavy	75,061	73,285
Total	8,658,603	8,790,478
Turkeys		
Young	243,993	241,183
Old	1,819	1,436
Total	245,812	242,619
Ducks	22,767	23,627

35. Canadian livestock and poultry inventories on Jan. 1, 2011, thousand head

Province	Milking cows and heifers	All other cattle	All swine**	All sheep and lambs	Chickens***	Turkeys***
Quebec	370	910	3,880	226	172,208	4,399
Ontario	322	1,403	2,851	232	207,419	8,569
Manitoba	45	1,115	2,615	53	29,623	1,494
Saskatchewan	30	2,550	775	90	26,092	865
Alberta	90	4,860	1,480	133	56,439	1,513
British Columbia	71	449	78	46	98,708	2,710
Maritimes*	61	185	110	37	39,535	986
Total	987	11,473	11,810	814	641,506	20,541

*Includes New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland & Labrador. Chicken and Turkey numbers only include New Brunswick and Nova Scotia.

**First quarter 2011.

***2010 annual.

Source: Adapted for Feedstuffs from Statistics Canada data.

36. Number of farms, land in farms and average farm size, U.S., 2000-2010

Year	Farms (million)	Land in farms (million acres)	Average farm size (acres)
2000	2.167	945.080	436
2001	2.149	942.070	438
2002	2.135	940.300	440
2003	2.127	936.750	440
2004	2.113	932.260	441
2005	2.099	927.940	442
2006	2.089	925.790	443
2007	2.205	921.460	418
2008	2.200	919.910	418
2009	2.200	919.800	418
2010	2.201	919.990	418

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