

Table 29--Processed feeds: Quantities fed and feed per grain-consuming animal unit (1,000 metric tons)

Feed 1/		1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82
Energy feeds	Corn (Sep-Aug)	90,981	91,492	94,740	108,574	115,907	107,501	107,816
	Sorghum (Sep-Aug)	12,551	10,442	11,370	13,665	12,583	8,194	10,596
	Barley (Sep-Aug)	4,099	3,456	4,158	4,723	4,257	3,611	4,580
	Oats (Sep-Aug)	7,795	7,377	7,531	7,664	6,848	6,527	6,208
	Wheat (Sep-Aug)	368	5,291	4,252	3,125	2,613	4,238	3,297
	Total energy feeds	115,793	118,057	122,051	137,752	142,207	130,072	132,497
Oilseed meals	Soybean meal (Oct-Sep) 2/							
	Cottonseed meal (Oct-Sep)							
	Rapeseed (canola) meal (Oct-Sep)							
	Linseed meal (Jun-May)			92	92	60	84	47
	Peanut meal (Aug-Jul)							
	Sunflower meal (Oct-Sep)							
	Total oilseed meals			92	92	60	84	47
Animal-protein feeds	Meat and bone meal tankage (Sep-Aug)							
	Fishmeal and solubles (Sep-Aug)							
	Milk products (Oct-Sep)	212	226	263	290	276	276	303
	Total animal-protein feeds	212	226	263	290	276	276	303
Grain-protein feeds	Corn gluten feed and meal (Sep-Aug)							
	Total grain-protein feeds 3/							
Other byproduct feeds	Wheat millfeeds (Sep-Aug)							
	Rice millfeeds (Aug-Jul)							
	Fats and oils (Sep-Aug)							
	Miscellaneous byproduct feeds (Sep-Aug) 4/			537	524	530	511	544
	Total other byproduct feeds 5/			537	524	530	511	544
Feed per GCAU 6/	Energy feeds	1.62	1.61	1.63	1.78	1.82	1.70	1.81
	All feeds	1.62	1.62	1.65	1.80	1.83	1.71	1.83

1/ Adjusted for stocks, production, foreign trade, and nonfeed uses where applicable. Latest data may be preliminary or projected.

2/ Includes use in edible soy products and shipments to U.S. territories.

3/ Excludes brewers' dried grains and distillers' dried grains due to unavailability of production data.

4/ Includes hominy feed, oat millfeeds, and screenings.

5/ Excludes dried beet pulp, molasses beet pulp, and inedible molasses due to unavailability of production data.

6/ GCAU = Grain-consuming animal unit.

Source: USDA, World Agricultural Outlook Board, World Agricultural Supply and Demand Estimates; U.S. Department of Commerce, Bureau of the Census, Fats and Oils: Production, Consumption, and Stocks (M311K), Flour Milling Products (MQ311A), Flour Milling (EC02-311-311211), and Wet Corn Milling (EC02-311-311221); U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Fishery Market News; Rice Millers Association; Whey Products Institute; and ERS calculations of feed per GCAU.

Date run: 2/11/2013

Feed 1/		1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89
Energy feeds	Corn (Sep-Aug)	116,166	98,462	104,513	104,505	118,356	121,652	99,926
	Sorghum (Sep-Aug)	12,571	9,777	13,700	16,863	13,749	14,252	11,987
	Barley (Sep-Aug)	5,809	6,053	6,321	7,094	6,154	5,996	4,228
	Oats (Sep-Aug)	6,672	6,724	6,550	6,486	5,553	4,638	3,532
	Wheat (Sep-Aug)	7,068	12,374	9,879	10,914	11,232	5,677	3,626
	Total energy feeds	148,285	133,389	140,963	145,862	155,044	152,215	123,299
Oilseed meals	Soybean meal (Oct-Sep) 2/					18,539	19,343	17,686
	Cottonseed meal (Oct-Sep)					594	899	831
	Rapeseed (canola) meal (Oct-Sep)							
	Linseed meal (Jun-May)	73	95	109	100	111	123	90
	Peanut meal (Aug-Jul)							
	Sunflower meal (Oct-Sep)							
	Total oilseed meals	73	95	109	100	19,244	20,365	18,607
Animal-protein feeds	Meat and bone meal tankage (Sep-Aug)							
	Fishmeal and solubles (Sep-Aug)							
	Milk products (Oct-Sep)	361	368	386	374	399	411	405
	Total animal-protein feeds	361	368	386	374	399	411	405
Grain-protein feeds	Corn gluten feed and meal (Sep-Aug)							
	Total grain-protein feeds 3/							
Other byproduct feeds	Wheat millfeeds (Sep-Aug)							
	Rice millfeeds (Aug-Jul)							
	Fats and oils (Sep-Aug)							
	Miscellaneous byproduct feeds (Sep-Aug) 4/	584	638	709	791	895	976	1,107
	Total other byproduct feeds 5/	584	638	709	791	895	976	1,107
Feed per GCAU 6/	Energy feeds	1.97	1.79	1.88	1.96	2.09	1.98	1.61
	All feeds	1.99	1.80	1.89	1.98	2.36	2.27	1.87

Feed 1/		1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96
Energy feeds	Corn (Sep-Aug)	111,320	117,072	121,873	133,409	118,874	138,682	119,195
	Sorghum (Sep-Aug)	12,912	10,179	9,293	11,614	11,178	9,577	7,495
	Barley (Sep-Aug)	3,776	4,726	5,001	3,722	5,952	4,846	4,634
	Oats (Sep-Aug)	5,218	4,303	3,879	3,625	3,924	3,432	2,773
	Wheat (Sep-Aug)	7,454	12,024	6,293	3,908	9,585	7,440	6,155
	Total energy feeds	140,681	148,303	146,338	156,279	149,512	163,976	140,252
Oilseed meals	Soybean meal (Oct-Sep) 2/	20,134	20,661	20,733	21,850	22,827	23,974	24,085
	Cottonseed meal (Oct-Sep)	2,056	2,416	2,825	2,332	2,393	2,965	2,686
	Rapeseed (canola) meal (Oct-Sep)	293	389	594	638	936	968	1,146
	Linseed meal (Jun-May)	122	109	112	92	99	92	117
	Peanut meal (Aug-Jul)	112	103	156	161	103	175	164
	Sunflower meal (Oct-Sep)	271	306	450	401	291	565	434
	Total oilseed meals	22,989	23,984	24,870	25,475	26,649	28,739	28,632
Animal-protein feeds	Meat and bone meal tankage (Sep-Aug)	2,317	1,872	2,713	2,166	2,204	2,456	2,394
	Fishmeal and solubles (Sep-Aug)	274	253	251	422	649	338	255
	Milk products (Oct-Sep)	418	412	426	421	426	420	381
	Total animal-protein feeds	3,009	2,537	3,391	3,008	3,280	3,214	3,030
Grain-protein feeds	Corn gluten feed and meal (Sep-Aug)	174	6	531	540	827	106	799
	Total grain-protein feeds 3/	174	6	531	540	827	106	799
Other byproduct feeds	Wheat millfeeds (Sep-Aug)	5,550	5,947	6,184	6,273	6,730	6,599	6,604
	Rice millfeeds (Aug-Jul)	621	601	589	580	592	659	600
	Fats and oils (Sep-Aug)	979	846	1,029	982	1,053	1,051	1,113
	Miscellaneous byproduct feeds (Sep-Aug) 4/	1,202	1,248	1,363	1,376	1,390	1,404	1,418
	Total other byproduct feeds 5/	8,353	8,642	9,165	9,212	9,765	9,713	9,736
Feed per GCAU 6/	Energy feeds	1.82	1.85	1.81	1.89	1.78	1.94	1.65
	All feeds	2.26	2.29	2.28	2.34	2.26	2.43	2.14

Feed 1/		1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Energy feeds	Corn (Sep-Aug)	134,043	138,448	138,497	143,333	147,887	148,565	140,934
	Sorghum (Sep-Aug)	13,106	9,270	6,652	7,230	5,652	5,843	4,328
	Barley (Sep-Aug)	3,642	3,586	3,076	3,428	2,350	2,102	1,999
	Oats (Sep-Aug)	2,880	3,088	3,036	2,809	2,946	2,250	2,518
	Wheat (Sep-Aug)	7,681	8,798	6,379	8,943	5,999	3,500	6,700
	Total energy feeds	161,352	163,191	157,641	165,744	164,833	162,259	156,479
Oilseed meals	Soybean meal (Oct-Sep) 2/	24,694	25,964	27,305	27,288	28,362	29,545	29,097
	Cottonseed meal (Oct-Sep)	2,824	2,682	2,298	2,638	2,590	3,030	2,441
	Rapeseed (canola) meal (Oct-Sep)	1,116	1,585	1,487	1,591	1,553	1,237	1,240
	Linseed meal (Jun-May)	135	168	153	171	178	112	161
	Peanut meal (Aug-Jul)	128	86	85	127	103	137	161
	Sunflower meal (Oct-Sep)	419	482	524	537	435	365	212
	Total oilseed meals	29,315	30,966	31,853	32,352	33,221	34,427	33,313
Animal-protein feeds	Meat and bone meal tankage (Sep-Aug)	2,369	2,253	2,439	2,069	1,925	1,750	1,721
	Fishmeal and solubles (Sep-Aug)	282	260	296	249	214	255	234
	Milk products (Oct-Sep)	388	373	248	277	275	227	393
	Total animal-protein feeds	3,039	2,886	2,982	2,595	2,413	2,232	2,349
Grain-protein feeds	Corn gluten feed and meal (Sep-Aug)	1,663	1,670	1,224	1,087	1,299	1,338	2,064
	Total grain-protein feeds 3/	1,663	1,670	1,224	1,087	1,299	1,338	2,064
Other byproduct feeds	Wheat millfeeds (Sep-Aug)	6,400	6,394	6,365	6,627	6,647	6,257	6,287
	Rice millfeeds (Aug-Jul)	560	545	592	650	627	618	628
	Fats and oils (Sep-Aug)	1,124	1,280	1,409	1,263	1,195	1,228	1,222
	Miscellaneous byproduct feeds (Sep-Aug) 4/	1,432	1,446	1,461	1,476	1,490	1,506	1,521
	Total other byproduct feeds 5/	9,517	9,666	9,827	10,015	9,959	9,609	9,658
Feed per GCAU 6/	Energy feeds	1.89	1.86	1.79	1.86	1.84	1.81	1.77
	All feeds	2.39	2.36	2.30	2.37	2.36	2.33	2.31

Feed 1/		2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
Energy feeds	Corn (Sep-Aug)	146,850	155,838	155,330	140,726	148,793	131,625	130,174
	Sorghum (Sep-Aug)	4,623	4,859	3,548	2,868	4,188	5,907	3,573
	Barley (Sep-Aug)	1,723	1,428	1,041	1,360	911	990	931
	Oats (Sep-Aug)	2,279	2,215	2,137	2,088	2,024	1,977	1,796
	Wheat (Sep-Aug)	4,121	4,850	2,720	4,601	4,133	3,351	4,014
	Total energy feeds	159,596	169,190	164,776	151,643	160,049	143,851	140,488
Oilseed meals	Soybean meal (Oct-Sep) 2/	28,530	30,446	30,114	27,305	30,148	27,898	27,796
	Cottonseed meal (Oct-Sep)	2,527	3,133	3,044	2,766	2,349	1,639	1,592
	Rapeseed (canola) meal (Oct-Sep)	1,876	1,854	1,983	1,992	2,343	2,291	1,804
	Linseed meal (Jun-May)	179	187	244	249	190	117	190
	Peanut meal (Aug-Jul)	111	86	106	108	105	93	83
	Sunflower meal (Oct-Sep)	308	130	270	323	311	327	368
	Total oilseed meals	33,531	35,836	35,762	32,743	35,446	32,365	31,834
Animal-protein feeds	Meat and bone meal tankage (Sep-Aug)	1,906	1,984	2,062	2,154	2,147	2,088	2,049
	Fishmeal and solubles (Sep-Aug)	186	172	187	194	178	165	161
	Milk products (Oct-Sep)	339	243	225	285	326	324	227
	Total animal-protein feeds	2,431	2,399	2,475	2,634	2,651	2,578	2,437
Grain-protein feeds	Corn gluten feed and meal (Sep-Aug)	2,197	2,625	3,187	4,194	4,137	4,687	4,710
	Total grain-protein feeds 3/	2,197	2,625	3,187	4,194	4,137	4,687	4,710
Other byproduct feeds	Wheat millfeeds (Sep-Aug)	6,155	6,131	6,203	6,218	6,119	5,928	5,795
	Rice millfeeds (Aug-Jul)	543	558	592	497	511	560	513
	Fats and oils (Sep-Aug)	1,310	1,448	1,427	1,354	1,301	1,081	878
	Miscellaneous byproduct feeds (Sep-Aug) 4/	1,536	1,552	1,567	1,583	1,588	1,592	1,597
	Total other byproduct feeds 5/	9,544	9,690	9,789	9,652	9,518	9,161	8,783
Feed per GCAU 6/	Energy feeds	1.78	1.88	1.80	1.63	1.68	1.55	1.53
	All feeds	2.32	2.43	2.36	2.16	2.22	2.07	2.05

Feed 1/		2010/11	2011/12	2012/13	1974/75	1949/50	1950/51	1951/52
Energy feeds	Corn (Sep-Aug)	121,798	115,518	113,035				
	Sorghum (Sep-Aug)	3,118	1,795	2,540				
	Barley (Sep-Aug)	930	1,236	1,201	1,333			
	Oats (Sep-Aug)	1,598	1,518	1,612	2,500			
	Wheat (Sep-Aug)	2,132	10,548	8,074	567			
	Total energy feeds	129,576	130,613	126,462				
Oilseed meals	Soybean meal (Oct-Sep) 2/	27,489	28,622	27,125				
	Cottonseed meal (Oct-Sep)	2,225	2,183	2,194				
	Rapeseed (canola) meal (Oct-Sep)	2,706	3,446	3,598				
	Linseed meal (Jun-May)	190	174	182				
	Peanut meal (Aug-Jul)	102	99	122				
	Sunflower meal (Oct-Sep)	249	168	263				
	Total oilseed meals	32,960	34,691	33,485				
Animal-protein feeds	Meat and bone meal tankage (Sep-Aug)	2,010	2,011	2,012				
	Fishmeal and solubles (Sep-Aug)	270	180	180				
	Milk products (Oct-Sep)	225	225	225	141	7	7	10
	Total animal-protein feeds	2,505	2,416	2,417	141	7	7	10
Grain-protein feeds	Corn gluten feed and meal (Sep-Aug)	4,567	5,335	4,000				
	Total grain-protein feeds 3/	4,567	5,335	4,000				
Other byproduct feeds	Wheat millfeeds (Sep-Aug)	5,500	5,595	7,490				
	Rice millfeeds (Aug-Jul)	-80	525	525				
	Fats and oils (Sep-Aug)	905	905	905				
	Miscellaneous byproduct feeds (Sep-Aug) 4/	1,600	1,600	1,600				
	Total other byproduct feeds 5/	7,925	8,625	10,520				
Feed per GCAU 6/	Energy feeds	1.40	1.41	1.38				
	All feeds	1.92	1.95	1.92				

Feed 1/		1952/53	1953/54	1954/55	1955/56	1956/57	1957/58	1958/59
Energy feeds	Corn (Sep-Aug)							
	Sorghum (Sep-Aug)							
	Barley (Sep-Aug)							
	Oats (Sep-Aug)							
	Wheat (Sep-Aug)							
	Total energy feeds							
Oilseed meals	Soybean meal (Oct-Sep) 2/							
	Cottonseed meal (Oct-Sep)							
	Rapeseed (canola) meal (Oct-Sep)							
	Linseed meal (Jun-May)							
	Peanut meal (Aug-Jul)							
	Sunflower meal (Oct-Sep)							
	Total oilseed meals							
Animal-protein feeds	Meat and bone meal tankage (Sep-Aug)							
	Fishmeal and solubles (Sep-Aug)							
	Milk products (Oct-Sep)	10	9	8	8	8	9	10
	Total animal-protein feeds	10	9	8	8	8	9	10
Grain-protein feeds	Corn gluten feed and meal (Sep-Aug)							
	Total grain-protein feeds 3/							
Other byproduct feeds	Wheat millfeeds (Sep-Aug)							
	Rice millfeeds (Aug-Jul)							
	Fats and oils (Sep-Aug)							
	Miscellaneous byproduct feeds (Sep-Aug) 4/							
	Total other byproduct feeds 5/							
Feed per GCAU 6/	Energy feeds							
	All feeds							

Feed 1/		1959/60	1960/61	1961/62	1962/63	1963/64	1964/65	1965/66
Energy feeds	Corn (Sep-Aug)							
	Sorghum (Sep-Aug)							
	Barley (Sep-Aug)							
	Oats (Sep-Aug)							
	Wheat (Sep-Aug)							
	Total energy feeds							
Oilseed meals	Soybean meal (Oct-Sep) 2/							
	Cottonseed meal (Oct-Sep)							
	Rapeseed (canola) meal (Oct-Sep)							
	Linseed meal (Jun-May)							
	Peanut meal (Aug-Jul)							
	Sunflower meal (Oct-Sep)							
	Total oilseed meals							
Animal-protein feeds	Meat and bone meal tankage (Sep-Aug)							
	Fishmeal and solubles (Sep-Aug)							
	Milk products (Oct-Sep)	11	13	14	11	9	11	12
	Total animal-protein feeds	11	13	14	11	9	11	12
Grain-protein feeds	Corn gluten feed and meal (Sep-Aug)							
	Total grain-protein feeds 3/							
Other byproduct feeds	Wheat millfeeds (Sep-Aug)							
	Rice millfeeds (Aug-Jul)							
	Fats and oils (Sep-Aug)							
	Miscellaneous byproduct feeds (Sep-Aug) 4/							
	Total other byproduct feeds 5/							
Feed per GCAU 6/	Energy feeds							
	All feeds							

Feed 1/		1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73
Energy feeds	Corn (Sep-Aug)							
	Sorghum (Sep-Aug)							
	Barley (Sep-Aug)							
	Oats (Sep-Aug)							
	Wheat (Sep-Aug)							
	Total energy feeds							
Oilseed meals	Soybean meal (Oct-Sep) 2/							
	Cottonseed meal (Oct-Sep)							
	Rapeseed (canola) meal (Oct-Sep)							
	Linseed meal (Jun-May)							
	Peanut meal (Aug-Jul)							
	Sunflower meal (Oct-Sep)							
	Total oilseed meals							
Animal-protein feeds	Meat and bone meal tankage (Sep-Aug)							
	Fishmeal and solubles (Sep-Aug)							
	Milk products (Oct-Sep)	13	12	8	5	5	5	6
	Total animal-protein feeds	13	12	8	5	5	5	6
Grain-protein feeds	Corn gluten feed and meal (Sep-Aug)							
	Total grain-protein feeds 3/							
Other byproduct feeds	Wheat millfeeds (Sep-Aug)							
	Rice millfeeds (Aug-Jul)							
	Fats and oils (Sep-Aug)							
	Miscellaneous byproduct feeds (Sep-Aug) 4/							
	Total other byproduct feeds 5/							
Feed per GCAU 6/	Energy feeds							
	All feeds							

Feed 1/ 1973/74

Energy feeds Corn (Sep-Aug)
 Sorghum (Sep-Aug)
 Barley (Sep-Aug)
 Oats (Sep-Aug)
 Wheat (Sep-Aug)
 Total energy feeds

Oilseed meals Soybean meal (Oct-Sep) 2/
 Cottonseed meal (Oct-Sep)
 Rapeseed (canola) meal (Oct-Sep)
 Linseed meal (Jun-May)
 Peanut meal (Aug-Jul)
 Sunflower meal (Oct-Sep)
 Total oilseed meals

Animal-protein feeds Meat and bone meal tankage (Sep-Aug)
 Fishmeal and solubles (Sep-Aug)
 Milk products (Oct-Sep) 4
 Total animal-protein feeds 4

Grain-protein feeds Corn gluten feed and meal (Sep-Aug)
 Total grain-protein feeds 3/

Other byproduct feeds Wheat millfeeds (Sep-Aug)
 Rice millfeeds (Aug-Jul)
 Fats and oils (Sep-Aug)
 Miscellaneous byproduct feeds (Sep-Aug) 4/
 Total other byproduct feeds 5/

Feed per GCAU 6/ Energy feeds
 All feeds
