

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
WASHINGTON, D. C.

July 31, 1951

EVAPORATED, CONDENSED, AND DRY MILK REPORT
(June 1951)

DRY MILK

Production of total nonfat dry milk in June was the lowest for the month in several years, while manufacturers' prices and stocks were the highest, the Bureau of Agricultural Economics reports.

Estimated at 102,500,000 pounds, production of total nonfat dry milk solids was the lowest for any June since 1948, but has not been exceeded in any other June of record. This June production was 12 percent less than a year earlier but 6 percent higher than the 1945-49 June average. For the first half of 1951, production totaled 399,000,000 pounds, a decline of 27 percent from the first half of 1950. June output of spray-dried nonfat milk solids totaled 73,500,000 pounds, the second highest production for the month in nine years of record. Although down 5 percent from a year earlier, June production was up 40 percent from the five-year average for the month. Roller-dried nonfat production was 29,000,000 pounds, also the lowest for June in nine years of record, down 27 percent from a year earlier and 34 percent from the 1945-49 June average. Cumulative production for the first half of 1951 totaled 100,800,000 pounds, a decline of 44 percent from the same period in 1950.

Dry whole milk production, stocks and prices were the highest for the month since 1948. The June output of 15,550,000 pounds was 18 percent higher than a year earlier but 23 percent below the 1945-49 average. During the first half of 1951, production totaled 90,825,000 pounds, a gain of 42 percent from the first half of 1950. Spray-dried whole milk was 14,300,000 pounds, a gain of 19 percent from a year earlier but a decline of 24 percent from the five-year average. Roller-dried whole milk, at 1,250,000 pounds, was up 4 percent from a year earlier but down 4 percent from the five-year average.

Dry buttermilk production for June was 4,500,000 pounds, lowest for the month since 1946, down 15 percent from a year earlier and 13 percent from the 1945-49 June average. During the first half of 1951, production totaled 22,260,000 pounds, a decline of 15 percent from the first half of 1950. Production of dry skim milk for animal feed was 2,300,000 pounds for June, lowest for the month since 1948, down 2 percent from a year earlier and down 20 percent from the five-year June average. In the first half of 1951, production totaled 7,525,000 pounds, a decline of 46 percent from the same period in 1950.

Stocks of total nonfat dry milk solids held by manufacturers at the end of June totaled 110,013,000 pounds, second highest for the date on record, up 18 percent from a year earlier and 17 percent from the five-year average. Stocks of spray-dried nonfat on June 30 amounted to 87,663,000 pounds, highest for any month in 8½ years of record, up 45 percent from a year earlier, and 78 percent from the five-year average for the date. Stocks of roller-dried nonfat totaled 22,350,000 pounds, lowest for the date on record, down 32 percent from a year earlier and 50 percent from the five-year average. Stocks of dry buttermilk totaled 7,380,000 pounds for the end of June, a gain of 27 percent from both a year earlier and the June 30 five-year average. Holdings of dry skim milk for animal feed equalled 2,083,000

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MANUFACTURERS' SELLING PRICES OF DRY MILK SOLIDS DURING JUNE 1951
Reported shipments (F.O.B. plant)

Price 1/ Cents	NONFAT DRY MILK SOLIDS (Bulk goods)			DRY SKIM	DRY BUTTERMILK (Bulk goods)		
	Spray process	Roller process		Animal Feed	Human Food	Animal Feed	
	Pounds				Pounds		
8 - 8½				11,127	8 - 8½		36,900
8½ - 9				13,862	8½ - 9		39,230
9 - 9½				151,973	9 - 9½		97,581
9½ - 10				18,240	9½ - 10		185,644
10 - 10½		2,640		645,390	10 - 10½		674,107
10½ - 11		-		125,296	10½ - 11		261,814
11 - 11½	298,878	12,300		242,164	11 - 11½	73,077	158,029
11½ - 12	-	-		50,224	11½ - 12	27,000	19,000
12 - 12½	60,170	652,849		83,147	12 - 12½	-	9,020
12½ - 13	-	4,916,039		-	12½ - 13	10,725	38,900
13 - 13½	4,355,422	7,382,101		34,288	13 - 13½	17,100	-
13½ - 14	1,430,604	2,327,339		-	13½ - 14	347,919	-
14 - 14½	7,326,691	2,154,572		2,141	14 - 14½	70,600	5,700
14½ - 15	13,249,539	747,130		-	14½ - 15	25,955	-
15 - 15½	14,288,943	228,722		1,500	15 - 15½	124,905	-
15½ - 16	3,083,910	-		-	15½ - 16	28,875	-
16 - 16½	2,842,172	-		-	16 - 16½	34,143	-
16½ - 17	3,083,194	190,420		-	16½ - 17	-	-
17 - 17½	681,919	-		-	17 - 17½	-	-
17½ - 18	2,192,910	-		-	17½ - 18	-	-
18 - 18½	173,790	-		-	18 - 18½	-	-
21½ - 22	156,065	-		-	21½ - 22	-	-
TOTAL	53,229,207	18,614,112		1,379,352	760,299		1,525,925
TOTAL HUMAN		71,843,319					
GRAND TOTAL				73,222,671		2,286,224	

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING JUNE 1951 2/ (F.O.B. Plant)

Price 1/ Cents	1-2½ lb. packages	5 lb. packages	All other pkgs. including bbls. & drums	Total reported shipments
	Pounds			
29½ - 30½			141,109	141,109
30½ - 31½			1,845	1,845
32½ - 33½			132,650	132,650
33½ - 34½			405,938	405,938
34½ - 35½			1,015,893	1,015,893
35½ - 36½			1,111,901	1,111,901
36½ - 37½	15,000		-	15,000
37½ - 38½	-		6,673	6,673
38½ - 39½	321,836		-	321,836
40½ - 41½	-	556,860	430,945	987,805
41½ - 42½	-	2,460	312,985	315,445
42½ - 43½	346,103	112,560	189,000	647,663
43½ - 44½	5,640	502,480	22,409	530,529
44½ - 45½	75,845	6,000	-	81,845
46½ - 47½	28,566	243,180	-	271,746
47½ - 48½	-	12,915	-	12,915
50½ - 51½	178,575	-	-	178,575
51½ - 52½	79,810	-	-	79,810
54½ - 55½	3,414,869	612,725	-	4,027,594
TOTAL	4,466,241	2,049,180	3,771,348	10,286,772

1/ Classified according to average monthly prices reported by firms.

2/ Includes some dry whole in special packages for export.

MANUFACTURERS' AVERAGE SELLING PRICES OF DRY MILK SOLIDS - JUNE 1951

Month	Nonfat dry milk solids			Dry Skim	N.F. solids	Dry Buttermilk			Dry Whole Milk			
	Spray	Roller	Spray & Roller	Food	& dry skin	Human Food	Animal Food	Human and animal	1-2½ lb. pkgs.	5-lb. pkgs.	Other pkgs. incl. bbls & drums	Total shipments
	Cents Per Pound											
June 1951	15.00	13.33	14.57	10.40	14.49	14.05	10.16	11.45	52.51	46.92	36.54	45.54
May 1951	14.90	13.22	14.53	10.63	14.41	13.70	10.19	11.69	55.28	45.05	38.48	45.69
June 1950	12.30	10.34	11.71	8.16	11.67	11.34	8.12	9.30	42.34	42.64	32.80	36.46
June 1945-9	13.39	12.32	12.90	8.85	12.81	12.15	8.51	10.08	1/	1/	1/	39.95

1/ Not available.

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AVERAGE MANUFACTURERS' CATALOG SELLING PRICES OF EVAPORATED AND CONDENSED MILK
BY GEOGRAPHIC DIVISIONS JUNE 1951 1/

Geographic Division	Case Goods		Bulk Goods			
	Evaporated (48 14-oz. cans) per case	Condensed (48 14-oz. cans) per case	Plain condensed (Unsweetened)		Sweetened Condensed	
			Whole	Skimmed	Whole	Skimmed
Dollars	Dollars	Dollars per		hundredweight		
New England	6.12	10.80	-	4.78	17.98	10.19
Middle Atlantic	6.16	10.80	14.42	4.32	16.15	9.39
South Atlantic	6.16	10.80	-	4.39	17.76	10.48
East North Central	6.04	10.80	12.70	4.51	15.33	9.73
West North Central	6.15	-	12.58	4.85	16.63	9.75
South Central	6.16	10.80	-	4.91	16.62	9.61
North Western	6.24	-	10.00	-	-	-
South Western	6.20	-	12.58	5.34	16.15	10.28
U. S. JUNE 1951	6.14	10.80	13.40	4.63	16.18	9.80
U. S. MAY 1951	6.16	10.80	13.40	4.64	16.16	9.78
U. S. JUNE 1950	5.09	9.10	11.91	3.60	13.53	7.79

1/ Manufacturers' prices are based upon the reports made by manufacturers covering actual sales of goods delivered at manufacturers' distributing points on the basis of cash or short-time credit.

AVERAGE PRICES PAID PRODUCERS BY CONDENSERIES FOR 3.5% MILK F.O.B. PLANT FOR
JUNE 1951 - 7 GEOGRAPHIC DIVISIONS 1/

Geographic Division	Number of plants or stations	Range	Price per cwt.	
			Dollars	
			Average	
Middle Atlantic	5	3.19 - 3.75	3.52	
South Atlantic	7	3.32 - 3.75	3.42	
East North Central	83	3.30 - 3.84	3.50	
West North Central	11	3.15 - 3.52	3.35	
South Central	22	3.26 - 3.55	3.34	
North Western	8	3.09 - 3.62	3.31	
South Western	18	3.29 - 3.83	3.60	
U. S. JUNE 1951	154	3.09 - 3.84	3.46	
U. S. MAY 1951	153	3.09 - 3.88	3.50	
U. S. JUNE 1950	155	2.32 - 3.11	2.71	

1/ No prices available for the New England Division.

Prices paid in June at 13 Midwest condenseries used in determining class prices under the Chicago Milk Marketing Order

Chicago \$3.531

Prices received f.o.b. plants for nonfat dry milk solids in the Chicago area covering the States of Illinois, Indiana, Michigan, Minnesota, and Wisconsin for the period May 26, 1951 through June 25, 1951 averaged for:

Spray 14.83 cents per pound
Roller 13.01 cents per pound

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pounds, highest for the date since 1947, up 2 percent from a year earlier and 3 percent from the five-year average.

Manufacturers' stocks of whole dry milk on June 30 were reported at 22,241,000 pounds, the highest for the date since 1948, up 68 percent from a year earlier but unchanged from the corresponding five-year average. Spray-dried stocks, at 22,126,000 pounds, showed a gain of 73 percent from a year earlier and 1 percent from the five-year average. Roller-dried stocks totaled 115,000 pounds, down 72 percent from a year earlier and 60 percent from the 1945-49 average.

Sales of nonfat dry milk solids during June were reported at 71,843,000 pounds, lowest for the month since 1943, down 26 percent from a year earlier but up 14 percent from the preceding month. Sales of dry whole milk amounted to 10,287,000 pounds during June, highest for the month since 1943, up 28 percent from a year earlier and down 6 percent from the preceding month.

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AVERAGE PRICES PAID BY CONDENSERIES FOR MILK TO BE USED PRIMARILY FOR CANNING DURING JUNE 1951 1/ WITH COMPARISONS

State and Division	June 1950			May 1951			June 1951		
	Price paid per 100 lbs. milk Dollars	Butter-fat test Pct.	Price per lb. of butter-fat Dollars	Price paid per 100 lbs. milk Dollars	Butter-fat test Pct.	Price per lb. of butter-fat Dollars	Price paid per 100 lbs. milk Dollars	Butter-fat test Pct.	Price per lb. of butter-fat Dollars
N. Y.	2.92	3.69	.79	3.68	3.61	1.02	3.66	3.62	1.01
Pa.	2.94	3.77	.78	3.68	3.71	.99	3.64	3.73	.98
M. Atl.	2.93	3.72	.79	3.68	3.65	1.01	3.65	3.66	1.00
Va.	3.11	4.20	.74	4.04	4.28	.94	4.05	4.31	.94
W. Va.	3.18	4.21	.75	4.03	4.21	.96	4.01	4.20	.96
S. Atl. 2/	3.16	4.21	.75	4.05	4.21	.96	4.05	4.24	.96
Ohio	2.98	3.98	.75	4.01	4.05	.99	3.90	4.01	.97
Ind.	3.19	4.02	.79	3.98	4.06	.98	3.84	3.98	.96
Ill.	2.85	3.62	.79	3.67	3.61	1.02	3.57	3.53	1.01
Mich.	2.97	3.85	.77	3.92	3.88	1.01	3.82	3.83	1.00
Wis.	3.00	3.69	.81	3.79	3.69	1.03	3.73	3.66	1.02
E. N. C.	2.99	3.80	.79	3.85	3.81	1.01	3.77	3.76	1.00
Minn.	2.75	3.47	.79	3.69	3.57	1.03	3.61	3.56	1.01
Iowa	2.90	3.63	.80	3.71	3.70	1.00	3.57	3.60	.99
Mo.	3.17	4.18	.76	3.67	3.92	.94	3.94	4.23	.93
Kans.	3.02	3.96	.76	3.67	3.87	.95	3.71	3.95	.94
W. N. C.	3.06	3.99	.77	3.68	3.82	.96	3.81	4.00	.95
Ky.	3.13	4.27	.73	4.05	4.23	.96	3.95	4.24	.93
Tenn.	3.17	4.31	.74	4.05	4.28	.95	4.02	4.30	.94
Ala.	3.09	4.24	.73	4.10	4.29	.96	4.03	4.20	.96
Miss.	3.05	4.25	.72	3.94	4.19	.94	3.90	4.20	.93
Texas	3.17	4.31	.74	4.17	4.24	.98	4.19	4.25	.99
S. Cen. 2/	3.14	4.28	.73	4.03	4.24	.95	3.98	4.25	.94
Idaho	3.13	3.90	.80	3.97	3.90	1.02	4.02	3.88	1.04
Wash.	3.01	3.99	.76	3.88	4.08	.95	3.90	4.09	.95
Oreg.	3.37	4.34	.76	4.23	4.43	.96	4.19	4.38	.96
N. W.	3.09	3.98	.78	3.95	4.03	.98	3.99	4.02	.99
Colo.	2.91	3.75	.77	3.98	3.79	1.05	3.91	3.73	1.05
Utah	2.78	3.42	.81	3.49	3.43	1.02	3.41	3.38	1.01
Calif.	3.06	3.81	.80	*4.02	*3.87	1.04	4.05	3.84	1.05
S. W. 2/	3.01	3.75	.80	*3.93	*3.80	*1.04	3.94	3.76	1.05
U. S. 2/	3.04	3.92	.78	3.88	3.90	.99	3.85	3.90	.99

1/ Preliminary; subject to revision. Prices are for milk of actual butterfat test as reported. All prices are reported as f.o.b. plant.

2/ Includes prices for some States not shown separately. * Revised.

MILK PURCHASES BY CONDENSERIES, JUNE 1951, WITH COMPARISONS 1/

	Unit	Average 1945-49	1950	1951
Purchases, reported total	Pounds	759,483,000	727,623,000	713,798,000
Producers	Number	159,000	159,000	154,000
Average daily purchases per producer	Pounds	159.2	152.5	154.5
Change in purchases per producer 1951 from 1950	Percent	XXXX	XXXX	+1.3
1951 from 5-year average	"	XXXX	XXXX	-3.0

1/ Milk purchased at plants (or their receiving stations) which have canning equipment. In some periods a part or all of the milk received at such plants may be used for purposes other than the manufacture of canned milk.

Purchases of total nonfat dry milk solids by the United States Department of Agriculture for purposes of price support for the period from April through June 29, 1951 totaled 11,584,000 pounds. Purchases during July through the twenty-seventh were 11,033,000 pounds.

Manufacturers' selling prices of nonfat dry milk solids at 14.57 cents per pound for June were the highest for the month since 1948 and compare with 14.53 cents in May and 11.71 cents a year earlier. Prices of spray-dried nonfat averaged 15.00 cents for June, the second highest average on record for the month, and a gain of 2.70 cents from a year earlier. Roller-dried nonfat prices averaged 13.33 cents for June, compared with 13.23 cents in May and 10.34 cents a year

COMMODITY	June 1950 1/	June 1951 1/	Change in June 1951 from		Cumulative Total	
			1945-49 average	1950	Jan.-June 1951	Change from Jan.-June 1950
	Thousand pounds		Percent		Thou. lb.	Percent
Evaporated and Condensed Milk						
Evaporated (case goods)	348,800	370,250	-10	+6	1,678,350	+8
Condensed whole (case goods)	5,230	6,275	-50	+20	31,310	-5
Plain condensed whole (bulk)	22,750	25,000	+44	+10	123,265	+5
Plain condensed skimmed (bulk)	66,000	60,500	+32	-8	269,305	-6
Sweetened cond. whole (bulk)	4,250	5,050	-41	+19	20,400	-2
Sweetened cond. skimmed (bulk)	26,500	30,225	-59	+14	130,825	+17
Dry Milk						
Dry Whole						
Spray process	12,000	14,300	-24	+19	84,450	+47
Roller process	1,200	1,250	-4	+4	6,375	0
Total	13,200	15,550	-23	+18	90,825	+42
Dry Nonfat Solids						
Human food-Spray process	77,250	73,500	+40	-5	298,200	-19
Human food-Roller process	39,500	29,000	-34	-27	100,800	-44
Total (human food)	116,750	102,500	+6	-12	399,000	-27
Dry skim milk (animal feed)	2,350	2,300	-20	-2	7,525	-46
Dry buttermilk	5,280	4,500	-13	-15	22,260	-15

1/ Estimates. Subject to revision when enumerations are available for 1950.

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED, AND DRY MILK, JUNE 30 1/

COMMODITY	Average 1945-49	1950 2/	1951	Change in 1951 from	
				1945-49	1950
	Thousand Pounds			Percent	
Evaporated and Condensed Milk					
Evaporated (case goods)	317,159	343,988	426,747	+35	+24
Condensed whole (case goods)	10,265	9,733	8,796	-14	-10
Dry Milk					
Dry whole					
Spray process	21,886	12,812	22,126	+1	+73
Roller process	286	407	115	-60	-72
Total	22,172	13,219	22,241	0	+68
Dry Nonfat solids					
Human food - Spray process	49,116	60,258	87,663	+78	+45
Human food - Roller process	44,913	33,005	22,350	-50	-32
Total (human food)	94,029	93,263	110,013	+17	+18
Dry skim milk (animal feed)	2,021	2,044	2,083	+3	+2
Dry buttermilk	5,799	5,831	7,380	+27	+27

1/ Stocks held by manufacturers at all points, also those in transit and those contracted for sale but not delivered.

2/ Revised to include late reports.

earlier.

Prices of dry skim milk for animal food at 10.40 cents per pound for June were the highest for the month since 1949 and compare with 10.63 cents in May and 8.16 cents per pound a year earlier. Sales of dry buttermilk averaged 11.45 cents for June and 11.69 cents for May, 9.30 cents a year earlier, and 10.08 cents for the five-year June average.

Manufacturers' selling prices of dry whole milk in 1-2 $\frac{1}{2}$ pound packages averaged 52.51 cents for June, 55.28 cents for May, and 42.34 cents a year earlier. In 5-pound packages, prices averaged 46.92 cents for June, 45.05 cents for May, and 42.64 cents a year earlier. Prices for miscellaneous large packages, mostly bulk, averaged 36.54 cents for June, a decrease of less than 2 cents from May but still almost 4 cents higher than a year earlier. In all sizes of packages, dry whole milk averaged 45.54 cents for June, compared with 45.69 cents in May, 36.46 cents in June a year ago, and 39.95 cents for the five-year June average.

June evaporated milk production, stocks, and prices were the highest for the month in several years, the Bureau of Agricultural Economics reports. Output of evaporated milk during June was 370,250,000 pounds, the highest for the month since 1948, up 6 percent from a year earlier but down 10 percent from the corresponding five-year average. During the first half of 1951, production totaled 1,678,350,000 pounds, a gain of 8 percent from the corresponding period in 1950.

Canned condensed whole milk production, at 6,275,000 pounds, was 20 percent higher than a year earlier, but lower than any other June since 1942. Compared with the five-year June average, output was down 50 percent. During the first half of 1951, production totaled 31,310,000 pounds, a decline of 5 percent from the first half of 1950.

Output of all condensed bulk goods items for June was higher than a year earlier, except for plain condensed skim milk. Production of plain condensed whole milk, at 25,000,000 pounds, was the highest on record for the month, up 10 percent from a year earlier and 44 percent from the five-year average. Totaling 123,265,000 pounds, production for the first half of 1951 was 5 percent higher than that of the first half of 1950. Plain condensed skim milk production in June was 60,500,000 pounds, the second highest of record for the month, down 8 percent from a year earlier but up 32 percent from the five-year June average. Cumulative production for the first half of 1951 totaled 269,305,000 pounds, 6 percent below that of the same months a year earlier. Output of sweetened condensed whole milk was 5,050,000 pounds, highest for the month since 1947, up 19 percent from a year earlier but down 41 percent from the 1945-49 June average. So far in 1951, production totaled 20,400,000 pounds, a decline of 2 percent from the same period of 1950. Sweetened condensed skim milk production was 30,225,000 pounds, highest for the month since 1948, up 14 percent from a year earlier but down 59 percent from the June five-year average. During the first six months of 1951, output totaled 130,825,000 pounds, a gain of 17 percent from the same period of 1950.

Stocks of evaporated whole milk held by manufacturers totaled 426,747,000 pounds on June 30, the second highest of record for the date, up 24 percent from a year earlier and 35 percent from the 1945-49 June 30 average. Holdings of canned condensed whole milk at the end of June totaled 8,796,000 pounds, lowest for the date since 1947, down 10 percent from a year earlier and 14 percent from the 1945-49 average for the date.

Manufacturers' selling prices for evaporated whole milk during June declined for the first time this year. At \$6.14 per case of 48 14-oz. cans, prices were 2 cents lower than in the preceding month, but were still \$1.05 above a year earlier. Selling prices of canned condensed whole milk continued at record heights during June, averaging \$10.80 per case of 48 14-oz. cans. Prices were unchanged for the fifth consecutive month, and were \$1.70 above a year earlier.

Changes in selling prices of condensed bulk goods items were varied during June. Prices of plain condensed whole milk averaged \$13.40 per hundredweight, unchanged from the preceding month, but \$1.49 above June last year. Manufacturers' selling prices of plain condensed skim milk at \$4.63 per hundredweight were down 1 cent from the preceding month but \$1.03 higher than a year earlier. Sweetened condensed whole milk prices averaged \$16.18 per hundredweight for June, a gain of 2 cents from the preceding month and \$2.65 from a year earlier. Prices of sweetened condensed skim milk at \$9.80 per hundredweight were up 2 cents from May and \$2.01 from June last year.

Prices paid by condenseries for milk of 3.5 percent butterfat during June averaged \$3.46 per hundredweight, the highest for June since 1948, down 4 cents from May but up 75 cents from a year earlier.

Based on actual butterfat tests, condenseries paid \$3.85 per hundredweight for milk testing 3.90 percent butterfat, or an average of 99 cents per pound of butterfat. This price per pound of butterfat was unchanged from May but was 21 cents higher than a year earlier. By States, the prices per pound ranged from 93 cents in Mississippi, Missouri, and Kentucky to \$1.05 in Colorado and California.

Purchases of milk by reporting condenseries from approximately 154,000 producers in June totaled 713,798,000 pounds. Average daily purchases per producer were 154.5 pounds, a gain of 1 percent from a year earlier but a decline of 3 percent from the five-year June average.