

July 2, 1951

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

DRY MILK

May production and stocks of total nonfat dry milk were the lowest for the month in several years, while manufacturers' selling prices were the highest, the Bureau of Agricultural Economics reports. Production, stocks, and prices of dry whole milk continued to be above those of the same month for several years.

At 94,600,000 pounds, total nonfat dry milk production for May was down 17 percent from a year earlier and 3 percent from the 1945-1949 average. Cumulative production for the first five months of 1951 totaled 296,500,000 pounds, a decline of 31 percent from the same period in 1950. Spray-dried nonfat milk output for May was 68,000,000 pounds, down 10 percent from a year earlier but up 26 percent from the five-year average for the month. Through May, production totaled 224,700,000 pounds, a decline of 22 percent from the same five months a year earlier. May production of roller-dried nonfat milk estimated at 26,600,000 pounds, was the lowest on record for the month, down 31 percent from a year earlier and 40 percent from the 1945-49 May average. Totalling 71,800,000 pounds for the first five months of this year, output was 48 percent below that of the same period in 1950.

Dry whole milk production for May was 17,750,00 pounds, the highest for any month since July 1948, up 51 percent from a year earlier but 13 percent less than the five-year average for May. Through May 1951, output of dry whole milk totaled 75,275,000 pounds, a gain of 49 percent from the corresponding period a year ago. Spray-dried whole milk was 16,400,000 pounds, a gain of 53 percent from a year earlier but 13 percent below the five-year May average. Roller-dried whole milk in May was 1,350,000 pounds, a gain of 34 percent from a year earlier but down 20 percent from the 1945-49 May average.

Dry buttermilk production in May, estimated at 4,450,000 pounds, was the lowest for the month since 1946, down 11 percent from a year earlier and 14 percent from the 1945-49 May average. From January through May 1951, production totaled 17,760,000 pounds, or a decline of 15 percent from the same period in 1950.

Manufacturers' stocks of nonfat dry milk solids at the end of May were the lowest for the date in several years. However, stocks of dry whole milk and dry buttermilk were the highest for the date in several years. Stocks of total nonfat dry milk solids at the end of May totaled 76,123,000 pounds, the lowest for the date since 1948, down 8 percent both from a year earlier and the five-year May 31 average. Stocks of spray-dried nonfat milk totaled 60,746,000 pounds, which is the highest of record for the date, except for 1947. Stocks were up 11 percent from a year earlier and 37 percent from the 1945-49 average for the end of May. Stocks of roller-dried nonfat milk totaled 15,377,000 pounds, lowest for the date since 1943, down 45 percent from a year earlier and 60 percent from the five-year average. Stocks of dry skim milk for animal feed totaled 3,117,000 pounds, highest for the date since 1942, up 62 percent from a year earlier and 89 percent from the five-year average. Stocks of dry buttermilk on May 31 were 8,120,000 pounds, the highest for the date since 1931, up 67 percent from a year earlier and 51 percent from the five-year average for the date.

Data on quantity of nonfat dry milk solids held by the United States Department of Agriculture will no longer appear in this publication.

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Reported shipments (F.O.B. plant)

Price / 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 - 8 1/2				44,394	6 - 6 1/2		24,250
8 1/2 - 9				5,305	7 - 7 1/2		5,819
9 - 9 1/2				63,410	8 - 8 1/2		39,300
9 1/2 - 10				36,096	8 1/2 - 9		35,000
10 - 10 1/2		1,000		1,203,962	9 - 9 1/2		141,225
10 1/2 - 11				165,869	9 1/2 - 10		119,810
11 - 11 1/2		8,250		103,839	10 - 10 1/2	11,334	330,699
11 1/2 - 12		37,972		89,435	10 1/2 - 11	10,449	352,290
12 - 12 1/2		1,218,610		29,480	11 - 11 1/2	36,975	106,928
12 1/2 - 13	43,350	5,102,395		22,320	11 1/2 - 12		57,031
13 - 13 1/2	4,492,372	5,473,761		16,977	12 - 12 1/2	108,750	28,924
13 1/2 - 14	459,390	1,958,121			12 1/2 - 13	12,900	45,550
14 - 14 1/2	12,158,521	1,609,551		5,511	13 - 13 1/2	23,000	
14 1/2 - 15	6,156,741	658,191			13 1/2 - 14	498,655	
15 - 15 1/2	8,697,028	189,635			14 - 14 1/2	9,000	12,045
15 1/2 - 16	5,638,388				14 1/2 - 15	140,100	1,600
16 - 16 1/2	2,664,863	5,383			15 - 15 1/2	17,822	
16 1/2 - 17	3,634,256	25,940			15 1/2 - 16	76,950	
17 - 17 1/2	2,215,034	163,163			16 - 16 1/2	6,475	
17 1/2 - 18	26,534				16 1/2 - 17	20,000	
18 - 18 1/2	187,387						
21 - 21 1/2	114,233						
TOTAL	46,489,097	16,451,972		1,871,598		972,410	1,300,471
TOTAL HUMAN		62,941,069					
GRAND TOTAL				64,612,667			2,272,881

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

Price / Cents	1-2 1/2 lb. packages	5 lb. packages	All other pkgs. in- cluding bbls. & drums	Total reported shipments
	Pounds			
30 1/2 - 31 1/2			16,709	16,709
32 1/2 - 33 1/2			400,325	400,325
34 1/2 - 35 1/2			314,579	314,579
36 1/2 - 37 1/2			501,289	501,289
37 1/2 - 38 1/2			20,400	20,400
38 1/2 - 39 1/2			632,328	632,328
39 1/2 - 40 1/2	77,712		225,766	303,478
41 1/2 - 42 1/2		244,517	576,920	821,437
42 1/2 - 43 1/2	49,822	1,048,395	29,930	1,128,147
43 1/2 - 44 1/2		907,160	922,215	1,829,375
44 1/2 - 45 1/2		715,820		715,820
45 1/2 - 46 1/2	221,633	10,200	56,883	288,716
46 1/2 - 47 1/2	15,516		3,038	18,554
47 1/2 - 48 1/2	25,752	8,195		33,947
49 1/2 - 50 1/2		1,292,905		1,292,905
50 1/2 - 51 1/2	346,970			346,970
57 1/2 - 58 1/2	2,323,401			2,323,401
TOTAL	3,060,806	4,227,192	3,700,382	10,988,380

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 - MAY 1951

Month	Nonfat dry milk solids			Dry Skim Solids		Dry Buttermilk			Dry Whole Milk			Total ship- ments
	Spray	Roller	Spray & Roller	An. Feed	& dry skin	Human Food	Animal Feed	Human and animal	1-2 1/2 lb. pkgs.	5-lb. pkgs.	Other pkgs. incl. bbls. & drums	
	Cents Per Pound											
May 1951	14.99	13.22	14.53	10.63	14.41	13.70	10.19	11.69	55.28	45.05	38.43	45.69
Apr. 1951	14.81	13.10	14.42	10.54	14.35	13.58	10.21	11.70	50.58	43.69	36.91	43.18
May 1950	12.25	10.34	11.61	8.72	11.56	10.80	8.38	9.33	43.00	39.24	32.49	36.78
May 1945-49	13.31	12.35	12.85	8.86	12.77	12.21	8.55	10.00	1/	1/	1/	41.05

1/ Not available.

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

Geographic Division	Case goods		Bulk goods			
	Evaporated (48 14 <sup>1</sup> / <sub>2</sub> -oz. cans) per case	Condensed (48 14-oz. cans) per case	Plain condensed (Unsweetened)		Sweetened Condensed	
			Whole	Skimmed	Whole	Skimmed
	Dollars		Dollars per hundredweight			
New England	6.12	10.30	-	4.78	17.98	10.17
Middle Atlantic	6.17	10.80	14.42	4.34	16.15	9.38
South Atlantic	6.17	10.80	-	4.39	17.76	10.46
East North Central	6.08	10.80	12.70	4.54	15.38	9.70
West North Central	6.17	-	12.58	4.85	16.61	9.73
South Central	6.18	10.80	-	4.90	16.60	9.59
North Western	6.24	-	10.00	-	-	-
South Western	6.22	-	12.52	5.36	16.13	10.27
U. S. MAY 1951	6.16	10.80	13.40	4.64	16.16	9.78
U. S. APRIL 1951	6.16	10.80	13.41	4.63	16.22	9.80
U. S. MAY 1950	5.10	9.10	11.98	3.60	13.87	7.82

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  
MAY 1951 - 7 GEOGRAPHIC DIVISIONS 1/

Geographic Division	Number of plants or stations	Price per cwt.	
		Range	Average
		Dollars	
Middle Atlantic	5	3.28-3.77	3.64
South Atlantic	7	3.32-3.75	3.43
East North Central	82	3.39-3.88	3.55
West North Central	11	3.10-3.58	3.36
South Central	22	3.26-3.65	3.38
North Western	8	3.09-3.60	3.28
South Western	18	3.29-3.75	3.58
U. S. MAY 1951	153	3.09-3.88	3.50
U. S. APRIL 1951	154	3.09-4.03	3.55
U. S. MAY 1950	155	2.33-3.13	2.74

1/ No prices available for the New England Division.

Prices paid in May at 18 Midwest condenseries used in determining  
class prices under the Chicago Milk Marketing Order

Chicago \$ 3.568

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 April 26, 1951 through May 25, 1951 averaged for:

Spray 14.92 cents per pound  
Roller 13.00 cents per pound

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Stocks of dry whole milk held by reporting manufacturers as of the end of May totaled 19,190,000 pounds, the highest for the date since 1948, up 86 percent from a year earlier but down 1 percent from the five-year average. Spray-dried stocks totaled 19,055,000 pounds, up 87 percent from a year earlier and 1 percent from the five-year average. Roller-dried stocks totaled 135,000 pounds, down 4 percent from a year earlier and 71 percent from the 1945-49 May 31 average.

Sales of nonfat dry milk solids in May were reported at 62,941,000 pounds, the lowest for the month since 1943, up 23 percent from April but down 31 percent from a year earlier. Sales of dry whole milk were 10,983,000 pounds, down 7 percent from April but up 24 percent from a year ago.

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 May 31 totaled 5,475,000 pounds. Purchases during June through the twenty-sixth of the month were 5,537,000 pounds.

Manufacturers' selling prices of all dry milk items except buttermilk advanced from April to May. Sales of total nonfat dry milk solids averaged 14.53 cents, compared with 14.42 cents for April, 11.61 cents a year earlier, and 12.85 cents during the five-year May average. Average

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AVG. PRICES PAID BY CONDENSERS FOR CANNING DURING MAY 1951 1/ WITH COMPARISONS

State and Division	May 1950			April 1951			May 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.	2.95	3.67	.80	3.56	3.56	1.03	3.68	3.61	1.02
Pa.	2.97	3.75	.79	3.62	3.65	.99	3.68	3.71	.99
M. Atl.	2.96	3.70	.80	3.64	3.60	1.01	3.68	3.65	1.01
Va.	3.11	4.17	.74	3.99	4.21	.95	4.04	4.28	.94
W. Va.	3.12	4.13	.76	4.01	4.19	.96	4.03	4.21	.96
S. Atl. 2/	3.14	4.17	.75	4.06	4.19	.97	4.05	4.21	.96
Ohio	3.03	4.00	.76	4.23	4.18	1.01	4.01	4.05	.99
Ind.	3.26	4.06	.80	4.44	4.22	1.05	3.98	4.06	.98
Ill.	2.90	3.67	.79	3.85	3.71	1.04	3.67	3.61	1.02
Mich.	3.04	3.88	.78	4.01	3.94	1.02	3.92	3.88	1.01
Wis.	3.01	3.68	.82	3.84	3.67	1.05	3.79	3.69	1.03
E. N. C.	3.03	3.81	.79	3.98	3.84	1.04	3.85	3.81	1.01
Minn.	2.87	3.56	.81	3.69	3.57	1.03	3.69	3.57	1.03
Iowa	2.97	3.73	.80	3.82	3.78	1.01	3.71	3.70	1.00
Mo.	3.27	4.18	.78	3.96	4.12	.96	3.67	3.92	.94
Kans.	2.91	3.93	.74	3.78	3.94	.96	3.67	3.87	.95
W. N. C.	3.13	4.02	.78	3.85	3.91	.98	3.68	3.82	.96
Ky.	3.14	4.24	.74	4.26	4.17	.95	4.05	4.23	.96
Tenn.	3.18	4.31	.74	4.10	4.29	.96	4.05	4.28	.95
Ala.	3.13	4.24	.74	4.17	4.33	.96	4.10	4.29	.96
Miss.	3.06	4.22	.72	3.95	4.22	.94	3.94	4.19	.94
Texas	3.16	4.30	.73	4.12	4.18	.99	4.17	4.24	.98
S. Cen. 2/	3.16	4.27	.74	4.12	4.32	.95	4.03	4.24	.95
Idaho	3.15	3.91	.81	4.02	3.92	1.02	3.97	3.90	1.02
Wash.	3.04	3.99	.76	3.84	4.03	.95	3.88	4.08	.95
Oreg.	3.36	4.29	.78	4.18	4.37	.96	4.23	4.43	.96
N. W.	3.11	3.99	.78	3.95	4.02	.98	3.95	4.03	.98
Colo.	3.05	3.81	.80	4.04	3.85	1.05	3.98	3.79	1.05
Utah	2.87	3.43	.84	3.48	3.42	1.02	3.49	3.43	1.02
Calif.	3.08	3.80	.81	3.95	3.86	1.02	4.00	3.85	1.04
S. W. 2/	3.05	3.74	.81	3.88	3.80	1.02	3.92	3.79	1.03
U. S. 2/	3.07	3.92	.78	3.95	3.92	1.01	3.88	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.

MILK PURCHASES BY CONDENSERS, MAY 1951, WITH COMPARISONS 1/

	Unit	Average 1945-49	1950	1951
Purchases, reported total	Pounds	754,450,000	703,861,000	715,623,000
Producers	Number	154,000	152,000	149,000
Average daily purchases per producer	Pounds	158.0	149.4	154.9
Change in purchases per producer 1951 from 1950	Percent	xxx	xxx	+ 3.7
1951 from 5-year average	"	xxx	xxx	= 2.0

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.

price of spray-dried nonfat milk, at 14.99 cents, was the highest in seven years of record for the month, and compares with 14.81 cents in April, 12.25 cents a year earlier, and 13.31 cents for the May 1945-49 average. Roller-dried nonfat prices averaged 13.22 cents for May, 13.10 cents for April, 10.34 cents for a year earlier, and 12.25 cents during the five-year May average. Prices of dry skim milk for animal feed averaged 10.63 cents for May, a gain of nearly 2 cents from a year earlier as well as from the five-year average. Sales of dry buttermilk averaged 11.69 cents, the highest for the month since 1942, practically unchanged from April, 2-1/3 cents above a year earlier, and almost 1-3/4 cents above the five-year average for May.

COMMODITY	May 1950 <u>1/</u>	May 1951 <u>2/</u>	Change in May 1951 from		Cumulative Total	
			1945-49 average	1950	Jan-May 1951	Change from Jan.-May 1950
<u>Evaporated and Condensed Milk</u>	<u>Thousand pounds</u>		<u>Percent</u>		<u>Thou. lb.</u>	<u>Percent</u>
Evaporated (case goods)	347,000	388,000	- 6	+12	1,306,100	+ 9
Condensed whole (case goods)	5,430	5,850	-55	+ 8	25,035	-10
Plain condensed whole (bulk)	24,000	26,565	+62	+11	98,265	+ 4
Plain condensed skimmed (bulk)	61,500	56,000	+32	- 9	208,805	- 6
Sweetened cond. whole (bulk)	5,150	4,350	-54	-16	15,350	- 7
Sweetened cond. skimmed (bulk)	36,500	32,500	-56	+23	100,600	+17
<u>Dry Milk</u>						
Dry Whole						
Spray process	10,750	16,400	-13	+53	70,150	+54
Roller process	1,010	1,350	-20	+34	5,125	- 1
<u>Total</u>	<u>11,760</u>	<u>17,750</u>	<u>-13</u>	<u>+51</u>	<u>75,275</u>	<u>+49</u>
Dry Nonfat Solids						
Human food-spray process	75,200	68,000	+26	-10	224,700	-22
Human food-roller process	38,500	26,600	-40	-31	71,800	-48
<u>Total (human food)</u>	<u>113,700</u>	<u>94,600</u>	<u>- 3</u>	<u>-17</u>	<u>296,500</u>	<u>-31</u>
Dry skim milk (animal feed)	2,750	1,600	-38	-42	5,225	-55
Dry buttermilk	5,000	4,450	-14	-11	17,760	-15

1/ Enumerations.

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

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED, AND DRY MILK, MAY 31 1/

COMMODITY	Average 1945-49	1950 <u>2/</u>	1951	Change in 1951 from	
				1945-49	1950
<u>Evaporated and Condensed Milk</u>	<u>Thousand Pounds</u>			<u>Percent</u>	
Evaporated (case goods)	222,603	222,300	283,708	+27	+28
Condensed whole (case goods)	9,566	7,650	8,627	-10	+13
<u>Dry Milk</u>					
Dry whole					
Spray process	10,909	10,166	19,055	+ 1	+37
Roller process	467	141	135	-71	- 1
<u>Total</u>	<u>19,376</u>	<u>10,307</u>	<u>19,190</u>	<u>- 1</u>	<u>+26</u>
Dry Nonfat Solids					
Human food - Spray process	41,226	54,688	60,746	+37	+11
Human food - Roller process	30,645	27,895	15,327	-60	-45
<u>Total (human food)</u>	<u>82,371</u>	<u>82,583</u>	<u>76,123</u>	<u>- 3</u>	<u>- 8</u>
Dry skim milk (animal food)	1,647	1,922	3,117	+89	+62
Dry buttermilk	5,391	4,871	8,120	+51	+57

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.

Manufacturers' selling prices of dry whole milk in 1-2 1/2 pound packages averaged 55.28 cents for May, compared with 50.58 cents in April and 43.00 cents for a year earlier. In 5-lb. packages, prices averaged 45.05 cents per pound, compared with 43.69 cents in April and 39.24 cents in May of 1950. Prices for miscellaneous large packages, mostly bulk, averaged 38.48 cents in May, up about 1 1/2 cents from April and about 6 cents from a year earlier. Dry whole milk in all packages averaged 45.69 cents in May, a gain of 2 1/2 cents from the previous month, nearly 9 cents from a year earlier, and 4-2/3 cents from the five-year May average.

EVAPORATED AND CONDENSED MILK

Evaporated whole milk production for May at 388,000,000 pounds was the highest for any month since July 1948 and was 12 percent above a year earlier but 6 percent below the 1945-49 average, the Bureau of Agricultural Economics reports. During the first five months of 1951, output totaled 1,308,100,000 pounds, a gain of 9 percent over the corresponding period in 1950.

Production of canned condensed whole milk during May was 5,850,000 pounds, a gain of 8 percent from a year earlier but 55 percent below the five-year May average. Cumulative production for the first five months of 1951 totaled 25,035,000 pounds, a decline of 10 percent from the same months a year earlier.

Production of condensed bulk goods items for May showed mixed trends from a year earlier. Plain condensed whole, at 26,565,000 pounds, was the highest of record for the month, 11 percent larger than a year earlier and 62 percent larger than the five-year average. The five months' total so far in 1951 was 98,265,000 pounds, a gain of 4 percent from the same period in 1950. Production of plain condensed skim milk in May equalled 56,000,000 pounds, the third highest for the month on record. However, it was down 9 percent from a year earlier but was up 32 percent from the 1945-49 May average. During the period from January through May of 1951, the production totaled 208,805,000 pounds, a decline of 6 percent from the same period in 1950. Sweetened condensed whole milk production for May was 4,350,000 pounds, the lowest for the month since 1935, down 16 percent from a year earlier and 54 percent from the five-year average for May. Totalling 15,350,000 pounds for the first five months of 1951, output of this product was down 7 percent from the same months a year ago. Output of sweetened condensed skim milk, bulk goods, was 32,500,000 pounds, second lowest for May since 1942 but 23 percent above a year earlier. It was 56 percent below the five-year average, however. During the first five months of 1951, output was 100,600,000 pounds, up 17 percent from the same months a year ago.

Manufacturers' stocks of evaporated whole milk were 283,708,000 pounds at the end of May, the fourth highest for the date on record, 20 percent above a year earlier and 27 percent above the five-year average. Holdings of canned condensed whole milk totaled 8,627,000 pounds, a gain of 13 percent from a year earlier but a decline of 10 percent from the 1945-49 average.

Manufacturers' selling prices of evaporated whole milk for May were the second highest for the month in thirty-one years of record. At \$6.16 per case of 48 1 $\frac{1}{2}$ -ounce cans, the price was unchanged from the preceding month but \$1.06 above a year earlier. Selling prices of canned condensed whole milk averaged \$10.80 per case of 48 1-ounce cans, the highest of record for the month, unchanged from April but \$1.70 higher than a year earlier.

May prices of all condensed bulk goods items were lower than in the preceding month, except plain condensed skim milk. Selling prices of plain condensed whole milk at \$13.40 per hundredweight averaged 1 cent below April but \$1.42 above a year earlier. Those prices are the second highest in the past decade for May. Prices of plain condensed skim milk at \$4.64 per hundredweight were up 1 cent from the preceding month and \$1.04 from a year earlier. Sweetened condensed whole milk prices for May averaged \$16.16 per hundredweight, a decline of 6 cents from April but a gain of \$2.29 from a year earlier. Selling prices of sweetened condensed skim milk at \$9.78 per hundredweight were the second highest in the past decade, 2 cents below April but \$1.96 above a year earlier.

During May, prices paid by condenseries for milk of 3.5 percent butterfat averaged \$3.50 per hundredweight, the second highest of record for the month, down 5 cents from the preceding month but 76 cents above a year earlier.

Based on actual butterfat tests, condenseries paid \$3.88 per hundredweight for milk testing 3.90 percent butterfat, or an average of 99 cents per pound of butterfat. This price is 2 cents less than April but 21 cents higher than a year earlier. By States, the price per pound of butterfat ranged from 94 cents in Mississippi, Missouri and Virginia to a high of \$1.04 in California.

Purchases of milk by reporting condenseries during May totaled 715,623,000 pounds from approximately 149,000 producers. Average daily purchases per producer were 154.9 pounds, a gain of 4 percent from a year earlier but a decline of 2 percent from the five-year average for the month.