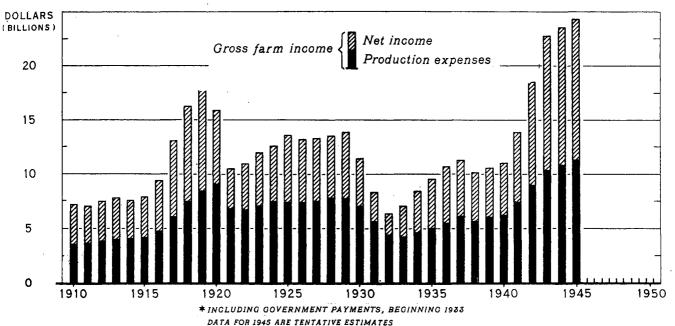
THE



BUREAU OF AGRICULTURAL ECONOMICS UNITED STATES DEPARTMENT OF AGRICULTURE

FIS - 69 CTOBER 1945

GROSS FARM INCOME: NET INCOME AND PRODUCTION EXPENSES OF FARM OPERATORS, UNITED STATES, 1910-45*



U. S. DEPARTMENT OF AGRICULTURE

NEG. 39404

BUREAU OF AGRICULTURAL ECONOMICS

Gross farm income, production expenses and net income of farm operators in 1945 are expected to be greater than in 1944, but the upward trend starting in 1939 is now subsiding.

Gross income in 1945 probably will be 232 percent of the 1935-39 level while net income may be 275 percent of 1935-39, reflecting the tendency for net income to be a larger proportion of gross income during periods of higher gross income.

OUTLOOK FOR FARM INCOME IN

Gross, farm income, cash receipts, expenses of production and net income to farm operators, which have risen each year since 1938, during 1946 probably will recede from the peak levels expected for 1945. Net income of farmers in 1946 may decline as much as 15 percent from 1945, although the indicated total would still be more than double the pre-war average and be higher than in any year prior to 1943, including the peak years immediately after World War I.

Cash receipts from farm marketings in 1946 are expected to be a little over 18 billion dollars, with Government payments bringing total receipts up to about 19 billion dollars, 10 percent less than in 1945. Income from crops during 1946 probably will decline almost 15 percent below 1945 and cash receipts from livestock and livestock products may be down about 5 to 10 percent. With average crop conditions, the total volume of marketings in 1946 probably will be about 5 percent below 1945. The volume of 1945 crops carried over and marketed during the first half of 1946 may be nearly as great as the large quantity of 1944 crops sold in 1945, but, with only average crop production in 1946, total crop marketings for the calendar year will be less than in 1945. Also, a slight decline is expected in the volume of poultry and eggs sold.

Total cash receipts from farm marketings in 1945 probably will be about 20.4 billion dollars, 7 percent above the receipts of 19.8 billion dollars in 1944. In addition, Government payments are expected to total about 0.3 billion dollars, about the same as in 1944. Cash receipts from crop. may be about 5 percent greater than last year, while income from livestock and livestock products probably will be only very slightly above 1944. Little change is expected in total volume of farm marketings, as the increase in volume of crops sold will be about offset by a decrease in volume of livestock and livestock products sold. Production of most crops

this year is heavy, also, the unusually large proportions of last year's large crops that were sold in 1945 have helped to swell this year's marketings. The combined volume of crops marketed in 1945—the greatest quantity ever sold in one calendar year—is about 7 percent above last year. Prices this year are slightly higher than last year with livestock and livestock products registering a greater gain than crops.

Production expenses

Production expenses are expected to reach a record peak this year and decline in 1946. This year's im rease in expenses, less than 5 percent over last year seems likely to be followed by a little greater decline in 1946.

Cost of hired labor in 1945 is slightly above 1944; average wage rates are running substantially above last year, but number of hired workers is lower. In 1946, cost of hired labor is expected to drop a little lower than the 1944 level, reflecting a reduction in wage rates which will more than offset a possible increase in number of hired workers.

Charges for maintenance and depreciation also may be high in 1945 as greater supplies of available tractors and other farm equiptment result in increased outlays for replacing outworn and outmoded implements. In 1946, outlays for equiptment probably will increase over 1945, along with expenditures for long needed farm building.

Expenditures for purchased feed this year probably will be about 5 percent less than last year, as numbers of livestock to be fed and prices paid for feed are slightly lower. Numbers of farm animals and feed prices also are expected to decline in 1946, resulting in a further decrease in cost of purchased feed.

Property taxes this year are expected to be slightly higher than in 1944, due to the increased costs of local government. Property taxes will probably be maintained at this higher level at least through 1946.

Farm-mortgage interest will probably remain fairly constant through 1946. Indebtedness will continue to be reduced by most farm operators as long as farm income remains at high levels, but greater indebtedness may be incurred in some cases for new plant and equiptment.

Net Income to Farm Operators

In 1945, realized net income to farm operators, like cash receipts and production expenses, probably will reach the highest point of the recent war-time rise. It is estimated that the total will be almost 13 billion dollars, less than 5 percent above the 1944 level of 12.6 billion dollars. From this new height, however, net income in 1946 seems likely to recede as much as 15 percent. Government payments are included in these net income estimates. Such payments will be 0.8 billion dollars in 1945, about the same as in 1944, but they may fall off 10 to 15 percent in 1946. Realized net income to farm operators is derived by deducting production expenses from gross income.

Gross income—the sum of cash receipts from farm marketings, Government payments, value of products raised on farms and consumed in farm homes, and the rental value of farm dwellings—probably will amount to around 24.2 billion dollars this year. This total is expected to decline perhaps 10 percent in 1946.

Value of products consumed in farm homes may be slightly more in 1945, than last year, but reductions in value of products consumed in farm homes may occur next year, reflecting declines in prices received by farmers for farm products. Rental value of dwellings probably will rise slightly in 1945 and 1946 along with increasing real estate values.

Table 1.-Monthly receipts from farm marketings, United States

with comparisons							
Source of receipts		:Jan-Sept .:		: Aug.	: Sept.		
	. 1944	<u>: 1945 1/:</u>	1944	:1945 2/	<u>:1945 1/</u>		
	Million	Million	Million	Million	Million		
· · · · · · · · · · · · · · · · · · ·	dollars	dollars	dollars	dollars			
Receipts from farm marketings:		14,304	1,954	1,820	1,969		
All crops	5,314	6,118	1,037	903	1,053		
Food grains	885	1,027	192	172	171		
Feed grains and hay		968	86	140	122		
Cotton and cottonseed:	489	542	196	36	184		
Oil-bearing crops:		285	. 39	31	54		
Tobacco:		· 581	134	159	137		
Vegetables		1,395	170	185	174		
Fruits and nuts		996	168	164	149		
All livestock:		8,185	917	917	916		
Meat animals		3,789	477	407	438		
Dairy products:	,,,,	2,425	228	273	5)114		
Poultry and eggs:	· • .	1,815	194	217	212		
•		·					
Government payments:	559	605	53	50	16		
Total receipts including :		_					
Government payments:	14,575	14,909	2,007	1,870	1,985		
:			·				

Preliminary.

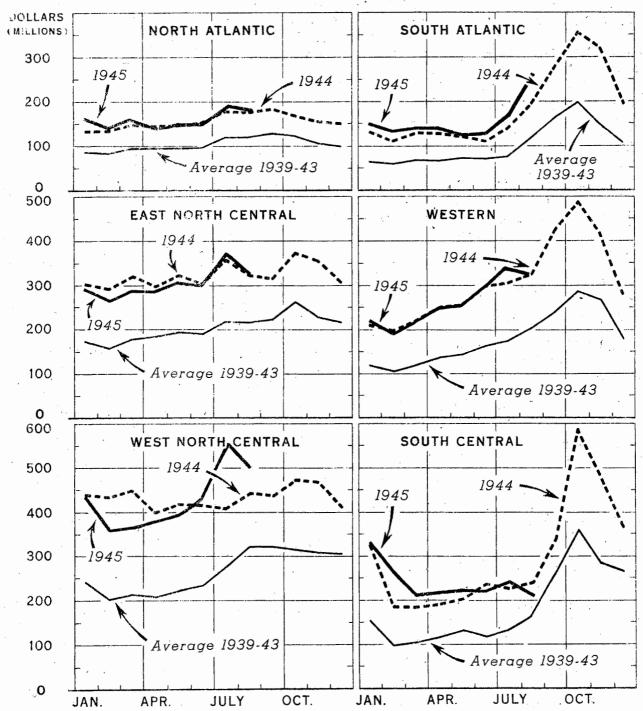
Revised.

Index numbers of receipts $\frac{1}{2}$ and physical volume of farm marketings $\frac{1}{35-39} = 100$

	בי הכי דב	= 100			
Source	:September		: July		:September
	1944	: 1945	<u>: 1945</u>	_: 1945 2	<u>/: 1945 3/</u>
	;				
Receipts from farm marketings					
Total receipts, unadjusted		2:30	272	274	296
Total receipts, adjusted 4/.	: 5,1,1	287	282	274	257
All crops "	: 259	331	330	310	293
All livestock "	: 234	258	250	5/10	233
Meat animals "	: 240	. 261	241	234	214
Dairy products"		235	235	228	214
Poultry and eggs"		307	317	341	· 330
Income of industrial workers,					
adjusted 5/		301	236	261	
Physical volume of	:	-			
farm marketings	:		-		
Total volume, unadjusted	: 159 .	121	141	144	155
Total volume, adjusted 14/:		148	140	139	130
All crops"		159	142	135	122
All livestock,"	: 144	139	1 39	142	136
Meat animals"		137	132	133	122
Dairy Products"	,	132	137	136	127
Poultry and eggs		168	175	185	196
	:				

^{1/} Not including Government payments.
2/ Revised.
3/ Preliminary.
4/ Adjusted for seasonal variation.
5/ Based on payrolls of factory workers and railroad and mining employees, adjusted for seasonal variation.

CASH RECEIPTS FROM FARM MARKETINGS, BY REGIONS, 1944-45 COMPARED WITH 1939-43 AVERAGE



U. S. DEPARTMENT OF AGRICULTURE

NEG. 45154 BUREAU OF AGRICULTURAL ECONOMICS

THE FARM INCOME SITUATION

Indications for Movember and December

In November, income from most crops will decline seasonally. Total cash receipts from farm marketings in the month may be about 10 percent below October levels. Indications are that income from crops will be 15 to 20 percent lever in November than in October, but cash receipts from livestock and livestock products may rise slightly. The expected decrease in cash receipts from cotton may be less than in recent years because late maturity of the crop may result in a relatively large proportion harvested during November and December. Income from dairy products is expected to decline slightly, but the seasonal gain in cash receipts from poultry and eggs will more than offset it.

Total cash receipts from farm marketings in December are likely to be down about 10 percent from November, loss than the regular seasonal decline. Income from crops may show a drop of 20 to 25 percent from November, which is less than the decrease of a year earlier. Cash receipts from livestock and livestock products in December can be expected to make a small percentage gain over November instead of declining as in the past few years, because hog slaughter is expected to be up rather sharply. Cash receipts from cotton may not decline from November so much as last year, because late maturity of the crop and labor difficulties probably will result in relatively large marketings in December. Income from tobacco probably will be about the same as in November, instead of decreasing as it did last year, as some of the dark types probably will not be sold until late in the season.

Preliminary Estimates for October

In October, total cash receipts from farm marketings were around a.3 billion dollars, about 15 percent above September but 5 percent below October last year. Although income from crops in October was about 30 percent more than in September and cash receipts from livestock and livestock

products were slightly above the month before, the gains made by both crops and livestock over September were less than for that period last year. The increase in income from cotton in October, over September, was much smaller than in that period last year because the delay in harvesting is more serious than in 1944. Income from meat animals in October did not make the customary gain, as the increase in slaughter was less than usual.

During the period January through October, total cash receipts from farm marketings amounted to about 16,600 million dollars, only slightly above the income of 16,343 million dollars in 1944. Cash receipts from crops were 11 percent more than last year. In this period, the increase in income from tobacco waso 41 percent above 1944; from feed grains and hay, 21 percent; from food grains, 12 percent; and from vegetables, 9 percent. Cash receipts from livestock and livestock products dropped 5 percent, with income from meat animals declining sharply.

State and Regional Estimates for August and First Eight Months

Cash receipts from crops in August ranged from 23 percent below those of last year in the South Central Region to 42 percent above in the South Atlantic Region. Income from wheat fell off rather severely in the South Central Region because of a decrease from last year in the winter wheat crop in all major producing States in the region. Income from nearly all crops in the South Atlantic Region dropped sharply in August compared with August 1944. However, cash receipts from tobacco, increased by 75 percent over the same month last year. Because the region's income from tobacco was greater than that from all other crops combined, this gain was enough to bring 1: about a substantial increase in total cash receipts from crops.

In the Western Region cash receipts from livestock and livestock products in August dropped to 7 percent below August 1944. Income from meat animals dropped sharply, especially in California, Colorado, and Wyoming. Cash receipts from butterfat also declined in the same area.

In the South Atlantic Region, income from livestock and livestock products in August rose to 20 percent above that of August last year. In Delaware, cash receipts from poultry and eggs were more than double those in August 1944. Income from this source also made outstanding gains in most of the other States. Cash receipts from poultry and eggs were such a large proportion of the total income from livestock and products in the South Altantic Region, that the increase in these far outweighed the significant decline in cash receipts from meat animals.

Increases in cash receipts from crops over 1914 were shown in all regions for the period January through August. The smallest gain was made in the East North Central Region. The region showed a sharp increase in cash receipts from the record wheat crop and smaller gains in income from oats and soybeans, but these gains were accompanied by significant decreases in receipts from corn and dry edible beans, the result being an increase of only 6 percent in cash receipts from all crops. In the West North Central Region, outstanding gains in cash receipts from wheat, corn, and tobacco were important in bringing about an increase of 38 percent in income from crops.

Cash receipts from livestock and livestock products in the West North Central Region showed the largest regional decline in the first 8 months of the year, compared with that period last year. Income from hogs, one of the most valuable agricultural commodities in the region, dropped 41 percent, and, although there were noticeable gains in cash receipts from wholesale milk and poultry and eggs, income from all livestock and livestock products declined 11 percent. The highest percentage change in cash receipts from livestock and livestock products for the period January through August occurred in the North Atlantic and South Atlantic Regions with an increase of only 4 percent in each region. These gains came about mostly because income from poultry and eggs and dairy products, which constitutes a relatively

Sec. 34.

large proportion of total income from livestock and livestock products, showed rather substantial increases in both regions and more than offset the sharp declines in cash receipts from meat animals.

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North Atlantic Region

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A marked rise in income from potatoes accounted largely for the increase of 5 percent in cash receipts from crops in August over the same month last year. Substantial gains in cash receipts from milk, chickens, and eggs more than made up for severe declines in income from meat animals, resulting in an increase of 3 percent for cash receipts from livestock and lievestock products.

Increases in cash receipts from tobacco, potatoes, and truck crops were largely responsible for the gain of 11 percent in income from crops for the first 8 months over the like period last year. The gain of 4 percent in cash receipts from livestock and livestock products during the 8-month period was due mostly to sharp rises in income from poultry, eggs, and milk while cash receipts from hogs dropped severely.

East North Central Region

Cash receipts from corn, wheat, and peaches in August rose above 1944 in most major producing States, and total income from crops in the region was 19 percent greater than in August last year. Gains in cash receipts from poultry, eggs, and milk were not large enough to overcome the sharp drop in income from meat animals, with the result that cash receipts from livestock and livestock products declined 4 percent.

During the first 8 months of this year, the increase in income from wheat in the area was especially large, and cash receipts from crops registered a gain of 6 percent over the period last year. The drop in income from hoss for the 8-month period was severe, and, although definite gains were made in all States in cash receipts from poultry, eggs and milk,

income from all livestock and livestock products was 5 percent below that

of the period last year.

West North Central Region

In this region in August total cash receipts from all crops showed a gain of 35 percent over August 1944. Most of the gain, however, was accounted for by the large increase in receipts from feed crops.

Sharp rises in cash receipts from the large wheat crop and from feed grains resulted in an increase of 38 percent in income from crops during the first 8 months compared with last year. There was a severe drop in cash receipts from hogs, bringing an 11-percent decline in income from livestock and livestock products.

South Atlantic Region

Although cash receipts from most crops declined in August, those from tobacco increased sharply. Total cash receipts from all crops were 42 percent higher than in August 1944. Marked gains were made also by poultry and eggs. Cash receipts from livestock and livestock products increased 20 percent.

For the first 8 months of 1945, cash receipts from tobacco, truck crops, fruits, and cotton made large gains over this period last year. From crops as a whole, cash receipts increased 31 percent over the first 8 months of 1944. Substantial gains were made by income from poultry and eggs and dairy products. Although income from hogs declined severely, cash receipts from livestock and livestock products rose 4 percent.

South Central Region

Sharp declines in cash receipts from wheat in all major producing

States accounted largely for the 23-percent drop in cash receipts from crops in

August compared with 1944.

Increases in income from tobacco, cotton, truck crops, and fruits in the first 8 months of this year were mainly responsible for the 16-percent gain in cash receipts from crops over that period of last year.

Western Region

Decreases in each receipts from all types of meat animals brought a decline of 7 percent in each from livestock and livestock products in August compared with August last year.

During the period January through August, cash receipts from fruits, truck crops, and wheat made outstanding gains over that period of 1944, and receipts from all crops showed an increase of 10 percent. Although there was a substantial gain in cash receipts from milk, receipts from meat animals and butterfat went off sharply, resulting in a decline of 7 percent in cash receipts from livestock and livestock products.

October 29, 1945

Table 2. - Cash receipts from farm marketings, by States, August 1944 - 45.

CROP		OP8	LIVESTOCK AND LIVESTOCK PRODUCTS		TOTAL	
ST ATE	, AUG	UST	AUGUST		AUGUST	
	1944	1945	1944	1945	1944	1945
	1,000	1,000	1,000	1,000	1,000	1,000
	dollars	dollars	dollars	dollars	dollars	dollars
Maine	2,869	2,870	4,117	4,439	6,986	7,309
New Hampshire	1,220	1,193	2,658	3,372	3,878	4,565
Vermont	730 8,613	732	5,428	5,629	6,158	6,361
Massachusetts	1,114	8,067 1,196	6, 8 25 876	8,527 1,048	15,438 1,990	16,594 2,244
Connecticut	2,858	2,738	5,057	6,321	7,915	9,059
New York	22,017	26,054	35,405	34,769	57,422	60,823
New Jersey	17,526	18,710	8,901	8,271	26,427	26,981
North Atlantic	17,385 74,332	16,375 77.935	30,853 100,120	30,495	48,238	46,870
	,			102,871	174,452	180,806
Ohio	21,036 18,428	23,294 22,626	42,335 41,206	38,146	63,371	61,440
Illinois	28, 266	39,589	60,331	37,428 56,771	59,634 88,597	60,054 96,360
Michigan	25,307	25,618	26,375	27,168	51,682	52,786
Wisconsin	8,128	8,922	50,088	52,041	58,216	60,963
East North Central	101,165	120,049	220,335	211,554	321,500	331,603
Minnesota	24,036	30,345	42,943	49,355	66,979	79,700
Iowa	16,913	30,721	94, 194	93,951	111,107	124,672
Missouri	9,883 32,587	12,703	45,383 13,645	50,925	55,266	63,628
South Dakota	14,933	39,125 26,689	19,490	13,392 17,955	46,232 34,423	52,517 44,644
Nebraska	9,475	32,287	33,938	33,612	43,413	65,899
Kansas	42,515	30,651	40,260	39,943	82,775	70,594
West North Central	150,342	202,521	289,853	299,133	440,195	501,654
Delaware	4,355	3,852	3,968	7,722	8,323	11,574
Maryland	11,969	12,111	7,369	8,618	19,338	20,729
West Virginia	10,366 2,866	5,417 1,893	13,197 6,479	14,434 7,184	23,563 9,345	19,851 9,077
North Carolina	27,006	80,282	7,595	8,859	34,601	89,141
South Carolina	32,529	51,465	2,866	3,246	35,395	54,711
Georgia	43,680 6,000	37,292 4,353	7,825	8,815	51,505.	46,107
South Atlantic	138,771	196,665	3,973 53,272	4,850 63,728	9,973 192.043	9,203 260,393
W	*					
Tennessee	6,394 4,675	6,036 4,437	17,129 13,938	17,815 13,392	23,523 18,613	23,851
Alabama	5,393	6,722	5,841	6,870	11,234	17,829 13,592
Mississippi	3,292	4,863	7,516	7,002	10,808	11,865
Arkansas	3,677	2,366	9,922	8,703	13,599	11,069
Louisiana	4,698 30,694	4,239 15,146	4,751 28,148	5,772 26,230	9,449 58,842	10,011
Texas,	50,610	40,136	41,023	40,958	91,633	41,376 81,094
South Central	109,433	83,945	128,268	126,742	237,701	210,687
Montana	10,533	11,933	10,646	8,702	21,179	20,635
Idaho	9,304	8,151	10,845	12,714	20,149	20,865
Wyoming	774	1,126	6,496	4,611	7,270	5,737
Colorado	18,559	24,062	12,537	9,271	31,096	33,333
Arizona	3,939 1,537	3,441 1,257	2,330 2,311	3,845 2,654	6,269 3,848	7,286
Utah	4,128	4,426	5,342	5,631	9,470	3,911 10,057
Nevada	636	553	1,408	1,580	2,044	2,133
Washington	26,723	24,356	14, 281	14,446	41,004	38,802
Oregon	14,522 112,284	17,251 125,140	11,590 43,508	10,120 39,320	26,112 155,792	27,371 164,460
Western	202,939	221,696	121,294	112,894	324,233	334,590
U. S. Cash Receipts,						

Table 3. - Cash receipts from farm marketings, by States, January - August 1944 - 45.

STATE		CROPS		LIVESTOCK AND LIVESTOCK PRODUCTS		TOTAL	
01 AL 2	JANUÁR Y	- AUGUST	JANUAR Y-AUGUST		JANUARY - AUGUST		
·	1944	1945	1944	1945	1944	1945	
	1,000	1,000	1,000	1,000	1,000	1,000	
	dollars	dollars	dollars	dollars	dollars	dollars	
Maine	59,181	59,343	28,538	31,429	87,719	90,772	
New Hampshire	5,191	5,074	18,778	22,674	23,969	27,748	
Vermont	8,058	6,264	41,363	46,090	49,421	52,354	
Massachusetts	29,557	34,996	51,943	61,222	81,500	96,218 11,372	
Connecticut	3,405 18,624	3,688 32,972	7,038 41,409	7,684 46,915	10,443 60.033	79,887	
New York	117,208	125,383	285,535	292,201	402,743	417,58	
New Jersey	67,727	74,484	66,799	68,179	134,526	142,66	
Pennsylvania	81,832	90,684	258,382	257,330	340,214	348,014	
North Atlantic	390,783	432,888	799,785	833,724	1,190,568	1.266,61	
Ohio	120,659	136,905	345,921	330,767	466,580	467,672	
Indiana	94,658	107,253	344,786	314,433	439,444	421,686	
Michigan	227,947 113,634	243,380 104,934	542,968 212,067	495,230 210,805	770,915 325,701	738,610 315,739	
Wisconsin	58,905	60,683	445,456	437,004	504,361	497,687	
East North Central	615,803	653,155	1,891,198	1,788,239	2,507,001	2,441,394	
Minnesota	85,979	107.852	455,432	425,665	541,411	533,517	
Iowa	144,822	163,231	943,945	805,470	1,088,767	968,70	
Missouri	65,354	76,336	363,965	352,786	429, 319	429,122	
North Dakota	105,357	142,039	91,356	78,923	196,713	220,962	
South Dakota	46,021 91,178	83,038 178,746	170,198 349,324	143,121 305,881	216,219 440,502	226,159 484,627	
Kansas	185,812	251,951	293,321	271,039	479,133	522,990	
West North Central	724,523	1,003,193	2,667,541	2,382,885	3,392,064	3,386,078	
Delaware	11,639	11,712	47,328	51,432	58,967	63, 144	
Maryland	53,166	68,911	66,182	66,785	119,348	135,696	
Virginia	57,507	69,510	97,739	94,299	155,246	163,809	
North Carolina	11,317 97,136	9,100 168,965	36,537 68,004	36,587 69,207	47,854 165,140	45,687 238,172	
South Carolina	74,126	111,722	27,821	27,531	101,947	139, 253	
Georgia	112,983	134,633	63,750	71,482	176,733	206, 119	
Florida	186,997	217, 266	33,687	39,200	220,684	256,466	
South Atlantic	604,871	791,819	441,048	456,523	1,045,919	1,248,342	
Kentucky	111,073	163,538	122,472	117,292	233,545	280,830	
Tennessee	74,080 45,030	87,644 61,097	110,813 47,514	98,187 50,105	184,893 92,544	185,831 111,202	
Mississippi	54,783	74,113	52,777	51,866	107,560	125,979	
Arkansas	56,513	68,174	76,165	68,473	132,678	136,647	
Louisiana ,	52,369	54,907	40,505	41,701	92,874	96,608	
Oklahoma	104,415 294,899	108,244 303,269	175,771 360,156	162,821 378,725	280,186 655,055	271,065	
South Central	793,162	920,986	986,173	969,170	1,779,335	681,994 1,890,156	
Montana	50,357						
Idaho	59,257	62,710 64,697	62,530 74,138	55,266 70,211	112,887 133,395	117,976 134,908	
Wyoming	6,923	6,938	32,462	26,557	39,385	33,495	
Colorado	63,474	70,630	112,150	90,188	175,624	160,818	
New Mexico	15,607 59,308	19,225 62,731	25,684 27,941	28,065 28 310	41,291 87 249	47,290	
Utah	16,817	17,366	42,357	28,319 42,887	87,249 59,174	91,050 60,253	
Nevada	2,636	2,239	10,926	11,981	13,562	14,220	
Washington	141,265	153,495	95,154	92,950	236,419	246,445	
Oregon	61,431	67,970	74,134	69, 298	135,565	137,268	
California	670,487	735,149	341,367	323,041	1,011,854	1,058,190	
Western		1,263,150	898,8 43	838,763	2,046,405	2,101,913	
U. S. Cash Receipts	4,276,704	5,065,191	7,684,588	7,269,304	11,961,292	12,334,495	