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Projected 2024 and 2025 ARC-CO and PLC Payments for Missouri Farmers

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The goals of this policy brief are (1) to review Missouri farmers' participation in ARC-CO and PLC, (2) to project program payments by commodity and county for the 2024 and 2025 crop years, and (3) to calculate historical probabilities for ARC-CO payments under current USDA price projections.

Policy Background

The Price Loss Coverage (PLC) and Agricultural Risk Coverage (ARC) programs, along with federally sponsored crop insurance programs, constitute the backbone of the farm safety net for U.S. crop producers. While PLC offers *price protection*, ARC offers shallow loss *revenue protection*. ARC is offered at the individual farm level (ARC-IC) and at the county level (ARC-CO). ARC and PLC are available for barley, chickpeas, canola, corn, crambe, dry peas, flaxseed, grain sorghum, lentils, mustard seed, oats, peanuts, rapeseed, rice, safflower, seed cotton, sesame seed, soybeans, sunflower, and wheat. A major difference between crop insurance and the PLC/ARC programs is that while farmers must purchase a policy from an insurance agent to participate in the former, farmers must only enroll their farms with the Farm Service Agency (FSA) –but not pay a fee or premium– to participate in the latter.

For each farm, the FSA assigns a fixed number of crop-base acres based on its history of crop production. Each year, operators can choose between (1) enrolling crop-base acres in PLC or ARC-CO; and (2) enrolling all crop-base acres on the farm in ARC-IC. For example, a farm can have corn-base acres participating in ARC-CO and soybean-base acres participating in PLC. However, if ARC-IC is elected for a farm, then all crop-base acres in that farm must participate in it, and that farm can participate in neither of the other two programs. Another alternative is to not enroll the farm in ARC or PLC.

PLC payments are triggered when the marketing year average (MYA) price for a covered commodity falls below its effective reference price (ERP). ARC-CO payments are triggered when the annual county

revenue for a covered commodity falls below its revenue guarantee. ARC-IC payments are triggered when the annual farm revenue falls below a farm-specific revenue guarantee. FSA typically starts issuing ARC and PLC payments by October of the year following harvest. For example, if ARC-CO payments are triggered for a county with low corn revenue in 2023, program payments to enrolled farms with corn-base acres in that county will be issued in October 2024.

The annual decision on whether to enroll a farm in ARC or PLC must be made before April 15, and it involves filling out an FSA Form CCC-861 to enroll in PLC and ARC-CO, or an FSA Form CCC-862 to enroll in ARC-IC. Farmers can complete the application for these programs online at https://apps.fsa.usda.gov/arc-signup-web/home. Since ARC-IC involves farm-specific parameters not publicly available for analysis, the focus of this Policy Brief is on ARC-CO and PLC.

Missouri Farmers' Participation in ARC-CO and PLC

As shown in Figure 1, Missouri farmers enrolled more soybean-base acres in ARC-CO than in PLC every year, given the low probability that MYA prices declined below $8.40/bushel, the ERP for soybeans over the 2019-2023 period. All canola-base acres have been consistently enrolled in ARC-CO over the period, since canola MYA prices were expected to be similar to or higher than the ERP for canola. Missouri corn and wheat farmers also enrolled more base acres in PLC than in ARC-CO at the beginning of the 5-year period but switched to enrolling more base acres in ARC-CO than in PLC by the end of the period. All other base acres (barley, grain sorghum, peanuts, rice, oats, and sunflower seeds) remained mostly enrolled in PLC over the 2019-2023 period. The source of data for this analysis is the ARC and PLC Data website maintained by the FSA: https://www.fsa.usda.gov/resources/programs/arc-plc/program-data.

In nominal terms (not inflation-adjusted), total PLC payments across all covered commodities amounted to $210 million over the 2019-2023 period, more than four times the corresponding ARC-CO payments. However, most of the PLC payments correspond to the 2019 crop year, when they reached $147 million. In 2022 and 2023, PLC payments in Missouri were null for all covered commodities. On the other hand, ARC-CO payments amounted to $5 million in 2022 and $12.5 million in 2023, driven mostly by payments for corn- and soybeans-base acres (Figure 2).

The contribution of ARC-CO and PLC payments to Missouri agriculture can be gauged by comparison against total crop receipts in the state (Kruse et al. 2024): PLC payments were equivalent to 3% of the farm receipts from crops in 2019, 1% in 2020, 0.1% in 2021, and 0% afterwards; while ARC-CO payments amounted to 0.7% of farm receipts from crops in 2019, and less than 0.2% afterwards. However, if adjusted net farm income (NFI) –obtained after subtracting all direct government payments from its calculation– is used as the benchmark for comparison, then PLC payments were equivalent to 15% of the adjusted NFI in 2019, 4% in 2020, and less than 1% afterwards, while ARC-CO payments accounted for 3% of NFI in 2019, and less than 1% afterwards.

Projected PLC and ARC-CO Payments

The FSA publishes annual information on total enrolled acres by program and commodity, and average PLC yields by county. As of February 2025, two sets of information necessary for the calculation of ARC-CO and PLC payments are still unknown: the MYA prices (affecting both program payments) and the average actual county yields (affecting ARC-CO payments only). However, based on USDA projected MYA prices (USDA 2025a, b; Meyer 2025) and county average PLC yields reported by the FSA for crop year 2024 (USDA 2025c), we project 2024 PLC payments by county for major commodities. Furthermore, assuming 2025 PLC yields will remain unchanged from 2024, we provide an early projection for 2025 PLC payments.

Table 1 lists the projected MYA price, the ERP, and the projected PLC payment rate by covered commodity and year. In 2024, only peanuts, seed cotton, and sunflower seeds are expected to trigger PLC payments, although seed cotton-base acres are projected to account for virtually all the $15.5 million in PLC payments for the state of Missouri. In crop year 2025, corn-, grain sorghum-, peanut-, seed cotton-, and wheat-base acres would receive a total of $27.0 million in PLC payments, although 45% of the payments would correspond to cotton-base acres. As shown in Figure 3 Panels a-e, projected PLC payments vary greatly by county and crop.

Using county yield projections for the crop insurance policy 'Supplemental Coverage Option' published by the Risk Management Agency (RMA) (USDA 2025d), and under the assumption that enrolled acres in ARC-CO will remain unchanged between 2024 and 2025, we project ARC-CO payments by county for major commodities for both years. Furthermore, since FSA does not publish disaggregated data on irrigated and non-irrigated ARC-CO base acres by county, our calculations assume that all enrolled acres correspond to non-irrigated acres. Table 2 summarizes the projected annual ARC-CO payments by major commodity for the state of Missouri: total payments for the 2024 and 2025 crops would amount to $25.1 million and $187.1 million, respectively; of which soybean-base acres would represent 47% ($11.9 million) in 2024 and 55% ($102.5 million) in 2025, and corn-base acres would represent 25% ($6.4 million) in 2024 and 35% ($65.4 million) in 2025. Similarly to PLC payments, ARC-CO payments are projected to vary greatly by county and crop (Figure 4 Panels a-j).

Table 3 summarizes the total projected payments across all covered commodities by program, county and year. Missouri farmers are projected to receive a total of $40.7 million in ARC-CO and PLC payments in October 2025 for the 2024 crop year, of which PLC payments would account for $15.5 million (38%) and ARC-CO payments would account for the other $25.1 million (62%). Payments are projected to be highly concentrated in eight counties that would receive more than $1 million each and that would jointly account for more than half of the total ARC-CO and PLC payments in the state: New Madrid, Dunklin, Pemiscot, Audrain, Stoddard, Montgomery, Bates, and Mississippi Counties.

In October 2026, Missouri farmers are projected to receive a total of $214.1 million in ARC-CO and PLC payments for the 2025 crop year. Lower projected MYA prices and higher ERP for corn, soybeans, and grain sorghum in crop year 2025 would result in much higher program payments. Total ARC-CO payments of $187.1 million would account for 87% of the total payments, while PLC payments of $27.0 million

would account for the remaining 13%. Payments that will be issued in October 2026 for the 2025 crop year are projected to reach a wider geographical area than payments to be issued in October 2025 for the 2024 crop year: while the top 10 counties by total payments for the 2024 crop year (New Madrid, Dunklin, Pemiscot, Audrain, Stoddard, Montgomery, Bates, Mississippi, Pike, and Lewis Counties) would account for 66% of all payments in Missouri, the top 10 counties by total payments for the 2025 crop year (Nodaway, New Madrid, Audrain, Stoddard, Holt, Atchison, Pemiscot, Mississippi, Saline, and Dunklin Counties) would only account for 40% of all payments.

When compared to Missouri farm income indicators (Kruse et al. 2024), ARC-CO payments are expected to be equivalent to 0.4% of projected crop receipts in 2024 and 2.9% of projected crop receipts in 2025, while PLC payments are expected to amount to 0.2% and 0.4%, respectively. In comparison to adjusted NFI (after subtracting all direct government payments), ARC-CO payments would add 1% to the 2024 adjusted NFI and 8% to the 2025 adjusted NFI, while PLC would add less than a percentage point to adjusted NFI in 2024 and 1% in 2025.

In comparison to the economic assistance payments from the American Relief Act of 2025, ARC-CO and PLC payments for the 2024 crop would jointly amount to only 10% of the projected economic assistance payments for the state of Missouri (Plastina and Rosenbohm 2024).

Historical Probabilities for ARC-CO Payments

Since all our ARC-CO payment projections are based on county yield projections published by the RMA, we also report the county yields above which ARC-CO payments would not be triggered in each crop year. We call these yields 'highest trigger yields.' They are relevant to highlight the uncertainty in ARC-CO payment projections stemming from the uncertainty in county yield projections.

Tables 4-10 list the projected 2024 and 2025 highest trigger yields for ARC-CO and the percent of time when actual yields were below them over the most recent 5- and 10-year periods across all covered commodities by county.

The highest trigger yields present high geographic and year-to-year variability. For example, the highest trigger yield for non-irrigated corn in Atchinson County (north-west Missouri) for 2024 is 199.33 bushels per acre, while the corresponding yield for Pemiscot County (south-east Missouri) is 153.34 bushels per acre (Table 4). If both counties achieve an average yield of 190 bushels per acre in 2024, enrolled corn-base acres in Atchinson County will receive an ARC-CO payment while enrolled corn-base acres in Pemiscot County will not. However, if the actual average corn yields in Atchinson County for 2024 and 2025 amount to 210 bushels per acre in each year, no ARC-CO payment will be triggered in 2024, but there will be an ARC-CO payment triggered in 2025 for corn-base acres (Table 4).

The percentage of time when actual yields were below the projected highest ARC-CO trigger yield was calculated as the number of times the actual yield was less than the highest trigger yield divided by the number of actual yield available in those counties over the selected period. The calculation was done for the most recent 5-year period (2019–2023) as well as the most recent 10-year period (2014–2023).

Under current price assumptions, and if recent yields (2019–2023) serve as guidance of future yields, the average probability of ARC-CO payments for corn-base acres in Missouri counties is 44% for 2024 and 72% for 2025. Such average probabilities for soybean-base acres are 37% and 83% in 2024 and 2025, respectively. For wheat-base acres, the average probability of ARC-CO payments is 46% for 2024 and 89% for 2025.

Since county yield projections from the RMA are limited to very few counties for cotton and rice, we include two tables for each crop: one uses actual yield data from the RMA and the other one uses 2019-2023 trend-adjusted yield data from the FSA. For cotton-base acres, RMA yield data are only available for one county. Using FSA yield data, the average probability of an ARC-CO payment is 53% for 2024 and 44% for 2025. For rice-base acres, the average probability of an ARC-CO payment is 5% for 2024 and 15% for 2025, based on RMA yield data; while using FSA yield data, the average probabilities are 0% for 2024 and 4% for 2025.

The historical probability calculations for oats and sorghum are solely based on FSA yield data. For oats-base acres, the average probability is 0% for 2024 and 57% for 2025. For sorghum-base acres, the average probability is 75% for 2024 and 96% for 2025.

Word of caution

Actual yields and prices will differ from the projections used in this report, resulting in differences between the projected and the actual payments. When the USDA finalizes actual yield estimates and final MYA prices for the 2024 crop year, RaFF will update all payment projections. Farmers are encouraged to use the free ARC/PLC calculator developed by the Agricultural & Food Policy Center at Texas A&M University (https://afpc.tamu.edu/tools/farm/farmbill/2018/) to make enrollment decisions for the 2025 crop year by April 15, 2025.

References

Food & Agricultural Policy Research Institute. 2024. "U.S. Agricultural Market Outlook." *Report #01-24*, University of Missouri-Columbia. https://fapri.missouri.edu/publications/2024-us-agricultural-market-outlook/.

Kruse, J., Plastina, A. & D. Chinn. 2024. "Fall 2024 Missouri Farm Income Outlook Tables." *RaFF Report #09-2024*, Rural and Farm Finance Policy Analysis Center, University of Missouri-Columbia. https://ruralandfarmfinance.com/wp-content/uploads/2024/10/Fall_2024_Missouri_Farm_Income_Tables.xlsx

Meyer, Seth. 2025. *Agricultural Outlook 2025.* Office of the Chief Economist. Retrieved on February 27, 2025, from: https://www.usda.gov/sites/default/files/documents/2025AOF-agricultural-economic-foreign-trade-outlook-slides.pdf.

Plastina, A., and M. Rosenbohm. 2024. "American Relief Act, 2025: Economic Assistance for Missouri Crop Producers." *RaFF Policy Brief 2024-12(3)*, Division of Applied Social Sciences, University of Missouri-Columbia. Available at https://ruralandfarmfinance.com/publications/.

U.S. Department of Agriculture. 2025a. *WASDE Report*. World Agricultural Outlook Board, Office of the Chief Economist. Retrieved on February 11, 2025, from: https://www.usda.gov/about-usda/general-information/staff-offices/office-chief-economist/commodity-markets/wasde-report.

---. 2025b. *Agricultural Baseline Database*. World Agricultural Outlook Board, Office of the Chief Economist. Retrieved on February 18, 2025, from: https://www.usda.gov/about-usda/general-information/staff-offices/office-chief-economist/commodity-markets/baseline-projections.

---. 2025c. *ARC and PLC Data*. Farm Service Agency. Retrieved on February 1, 2025, from: https://www.fsa.usda.gov/resources/programs/arc-plc/program-data.

---. 2025d. *SCO and ECO Yields, Revenues, and Payment Indicators*. Risk Managements Agency. Retrieved on January 15, 2025, from: https://webapp.rma.usda.gov/apps/RIRS/SCOYieldsRevenuesPaymentIndicators.aspx.

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Table 1. Effective Reference Price, and Projected MYA Price, PLC Payment Rate and Total PLC Payment by Crop and Year.

Crop	Unit	Projected MYA Price ($/unit)		Effective Reference Price ($/unit)		Projected PLC Payment Rate ($/unit)		Total Enrolled Base Acres	Projected Total PLC Payments in Missouri[2/] ($)	
		2024/25 (a)	2025/26 (b)	2024 (c)	2025 (d)	2024 (e)	2025 (f)	2024 & 2025 (g)	2024 (h) = (e) × (g) × PLC Yield [3/]	2025 (i) = (f) × (g) × PLC Yield [4/]
Barley	bushel	6.60	5.75	4.95	4.95	0.00	0.00	2,501	-	-
Corn	bushel	4.35	4.20	4.01	4.26	0.00	0.06	1,226,708	-	7,320,530
Grain Sorghum	bushel	4.25	4.00	4.06	4.51	0.00	0.51	200,098	-	6,078,784
Oats	bushel	3.40	2.90	2.76	2.76	0.00	0.00	10,570	-	-
Peanuts	bushel	0.2600	0.2467	0.2675	0.2675	0.0075	0.0208	73	1,681	5,544
Rice (long grain)	lbs	0.1400	0.1425	0.1400	0.1400	0.0000	0.0000	289,615	-	-
Rice (med/short grain)	lbs	0.1480	0.1465	0.1400	0.1400	0.0000	0.0000	1,559	-	-
Seed Cotton [1/]	lbs	0.3354	0.3433	0.3670	0.3670	0.0316	0.0237	309,200	15,537,621	12,193,431
Soybeans	bushel	10.10	10.00	9.26	9.66	0.00	0.00	290,074	-	-
Sunflower Seed	lbs	0.1985	0.2110	0.2015	0.2015	0.0030	0.0000	197	405	-
Wheat	bushel	5.55	5.50	5.50	5.56	0.00	0.06	625,245	-	1,375,863
							State Total	**2,955,840**	**15,539,707**	**26,974,152**

1/ Seed cotton price is a weighted average of national upland cotton and cottonseed prices.
2/ The projected total PLC payments are adjusted for payments on 85% of base acres and 5.7% sequestration.
3/, 4/ PLC yield are derived from USDA (2025c).

Sources:
(a) February 2025 WASDE Report (USDA 2025a), except from peanuts, seed cotton, and sunflower seed prices. Peanuts and sunflower seed prices are from USDA (2025c). The seed cotton price for 2024 is derived from USDA (2025c), and its price for 2025 is projected as the 2024 price multiplied by the ratio of February 2024/25 to Jan 2024/25 prices from the WASDE Report (USDA 2025a).
(b) Prices for corn, grain sorghum, soybeans, and wheat are derived from Meyer (2025). Prices for barley, oat, rice (long grain), and rice (med/short grain) are derived from February 2025 Agricultural Baseline Projections (USDA 2025b). For peanuts and sunflower seed, the 2025/26 price is projected as their 2024/25 price from column (a) multiplied by the ratio of 2025/26 to 2024/25 prices from the FAPRI Baseline (FAPRI 2024). For seed cotton, the 2025/26 price is projected as its 2024/25 price from column (a) multiplied by the ratio of 2025/26 to 2024/25 prices from Meyer (2025) and the WASDE Report (USDA 2025a).
(c), (d), (e) USDA (2025c)
(f) Authors' calculations: highest of (0, Effective Reference Price – Projected MYA Price)
(g) USDA (2025c) for 2024. Authors' assumption for 2025.

Table 2. ARC-CO Acres and Total Projected ARC-CO Payments in Missouri by Crop and Year

Crop^	Enrolled Base Acres: 2024 actual and 2025 projected (a)	Projected ARC-CO Payments[1/], in $	
		2024 (b)	2025 (c)
Corn	2,106,443	6,405,457	65,433,537
Cotton	603	49,645	52,673
Oats	9,068	0	2,840
Rice (long grain)	173	0	0
Sorghum	201,171	4,848,099	6,451,006
Soybeans	3,132,749	11,900,808	102,494,252
Wheat	770,938	1,943,258	12,679,634
Total	**6,221,145**	**25,147,266**	**187,113,942**

^ In 2024, no peanuts- or rice (med/short grain)-base acres were enrolled in ARC-CO. Barley and sunflower seed were excluded from the calculations because expected county yield data were not publicly available through the RMA.
1/ The projected ARC-CO payments are adjusted for payments on 85% of base acres and 5.7% sequestration.

Sources:
(a) USDA (2025c) for actual 2024 enrollment. Authors' assumption for 2025 enrollment.
(b), (c) Authors' calculations.

Table 3. Total 2024 and 2025 Projected ARC-CO and PLC payments by County, across selected^ covered commodities (in dollars).

County	Total Projected 2024 Payments		Total Projected 2025 Payments	
	PLC (a)	ARC-CO (b)	PLC (c)	ARC-CO (d)
Adair	-	95,491	92,504	1,304,255
Andrew	-	-	115,035	3,891,906
Atchison	-	-	273,908	7,877,615
Audrain	-	3,402,136	545,171	9,075,683
Barry	-	-	13,971	6,538
Barton	-	727,967	156,128	2,596,006
Bates	-	1,205,367	24,731	3,842,183
Benton	-	223,331	90,059	793,508
Bollinger	-	156,175	103,997	484,669
Boone	-	96,818	135,124	592,055
Buchanan	-	9,354	183,732	2,276,823
Butler	7,150	238,942	480,453	2,861,306
Caldwell	-	569,152	79,502	2,880,050
Callaway	-	351,745	42,838	1,733,610
Camden	-	-	1,375	-
Cape Girardeau	-	230,626	190,121	1,690,265
Carroll	-	-	74,386	3,274,376
Carter	-	-	-	-
Cass	14	474,647	214,696	681,738
Cedar	-	49,840	18,241	57,587
Chariton	-	334,670	236,089	2,291,875
Christian	-	-	-	17,941
Clark	1	218,135	303,606	2,118,274
Clay	-	1,562	14,949	651,895
Clinton	-	18,341	31,045	2,372,041
Cole	-	-	84,974	70,226
Cooper	-	-	389,344	1,094,424
Crawford	-	-	10,194	-
Dade	-	253,957	86,377	991,491
Dallas	-	-	3,075	-
Daviess	-	139,141	229,104	3,645,284
DeKalb	-	198,025	84,163	3,239,073
Dent	-	-	4,237	-
Douglas	-	-	-	-
Dunklin	5,666,464	266,391	4,660,449	1,178,789

County	Total Projected 2024 Payments		Total Projected 2025 Payments	
	PLC (a)	ARC-CO (b)	PLC (c)	ARC-CO (d)
Franklin	-	295,382	101,204	1,115,361
Gasconade	-	17,474	58,592	182,948
Gentry	-	988,064	70,646	3,966,196
Greene	-	3,965	294	38,316
Grundy	-	57,558	255,621	1,275,711
Harrison	-	813,584	193,248	3,934,667
Henry	206	231,984	444,685	492,637
Hickory	-	4,418	20,939	4,708
Holt	-	537	85,792	8,753,053
Howard	-	-	94,832	887,412
Howell	-	-	2,549	-
Iron	-	-	-	-
Jackson	-	17,596	22,258	1,241,651
Jasper	-	134,572	193,019	972,170
Jefferson	-	-	4,503	60,579
Johnson	-	53,628	537,622	817,041
Knox	-	261,530	252,380	2,341,329
Laclede	-	-	7,367	-
Lafayette	-	33,466	411,923	5,120,742
Lawrence	-	35,702	81,278	212,349
Lewis	-	992,405	228,570	2,593,959
Lincoln	-	12,017	297,973	1,675,921
Linn	-	-	132,150	1,466,547
Livingston	-	168,660	269,144	3,262,499
Macon	-	-	117,527	1,740,553
Madison	-	-	11,839	-
Maries	-	205	11,786	1,663
Marion	-	653,259	108,522	1,768,907
McDonald	-	-	317	-
Mercer	-	-	156,632	726,020
Miller	-	-	24,387	12,233
Mississippi	57,332	964,420	199,195	7,135,185
Moniteau	-	27,949	179,585	325,535
Monroe	-	521,222	504,056	2,214,284
Montgomery	-	1,256,734	17,833	4,854,816
Morgan	-	-	31,278	183,955
New Madrid	5,114,082	1,781,563	4,258,988	5,748,637

County	Total Projected 2024 Payments		Total Projected 2025 Payments	
	PLC (a)	ARC-CO (b)	PLC (c)	ARC-CO (d)
Newton	-	4,237	43,872	34,306
Nodaway	-	918,439	231,792	12,225,310
Oregon	-	-	646	-
Osage	-	25,057	62,087	277,889
Ozark	-	-	-	-
Pemiscot	3,355,372	104,587	2,778,517	5,077,033
Perry	-	-	83,327	1,338,496
Pettis	-	-	699,897	1,948,207
Phelps	-	-	18,554	-
Pike	-	995,200	318,191	2,645,488
Platte	-	23,665	180,711	1,404,811
Polk	-	15,970	31,665	39,950
Pulaski	-	-	1,756	-
Putnam	-	11,484	109,039	570,813
Ralls	-	776,925	221,603	2,016,799
Randolph	-	414,056	113,031	1,022,555
Ray	-	-	148,857	2,792,793
Reynolds	-	-	-	-
Ripley	1,681	19,973	53,155	200,582
Saline	-	-	421,850	5,758,401
Schuyler	-	3,955	77,301	685,963
Scotland	-	179,271	190,537	2,178,752
Scott	376,603	70,126	387,715	1,600,929
Shannon	-	-	-	-
Shelby	-	866,153	398,268	2,112,881
St. Charles	-	87,240	191,654	1,278,867
St. Clair	-	197,217	297,923	287,509
St. Francois	-	-	22,454	2,575
St. Louis	-	119,211	8,974	208,624
St. Louis City	-	-	-	-
Ste. Genevieve	-	38,311	30,985	339,591
Stoddard	960,802	924,013	873,868	8,529,879
Stone	-	-	-	-
Sullivan	-	-	114,827	444,464
Taney	-	-	-	-
Texas	-	-	5,243	-
Vernon	-	485,914	436,458	693,617

County	Total Projected 2024 Payments		Total Projected 2025 Payments	
	PLC (a)	ARC-CO (b)	PLC (c)	ARC-CO (d)
Warren	-	-	6,090	643,838
Washington	-	-	-	-
Wayne	-	6,871	18,635	28,437
Webster	-	-	7,504	1,586
Worth	-	269,686	24,513	2,003,930
Wright	-	-	539	-
State Total	**15,539,707**	**25,147,266**	**26,974,152**	**187,113,942**

^ This table assumes no ARC-CO payments for peanuts- or rice (med/short grain), barley, or sunflower seeds in 2024 or 2025.

Table 4. Projected 2024 and 2025 Highest Trigger Yields for ARC-CO Corn-Base Acres and Percent of Time when Actual Yields were Below Them over the Most Recent 5- and 10-year Periods, by County.

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Adair	154.60	40%	40%	179.88	80%	80%
Andrew	163.82	20%	40%	191.51	80%	80%
Atchison	199.33	20%	50%	218.19	100%	100%
Audrain	156.54	40%	40%	169.17	80%	60%
Barry	109.66	60%	40%	123.17	60%	40%
Barton	113.49	40%	30%	125.57	60%	40%
Bates	145.70	60%	40%	154.72	100%	60%
Benton	163.76	60%	50%	164.40	60%	50%
Bollinger	123.08	NA	NA	127.03	NA	NA
Boone	144.39	60%	50%	151.71	80%	60%
Buchanan	174.55	40%	50%	198.50	80%	90%
Butler	117.49	NA	NA	138.53	NA	NA
Caldwell	135.29	40%	30%	159.65	60%	60%
Callaway	140.89	80%	50%	146.24	100%	70%
Camden	NA	NA	NA	NA	NA	NA
Cape Girardeau	153.45	60%	70%	157.66	80%	80%
Carroll	155.71	40%	40%	168.70	60%	50%
Carter	NA	NA	NA	NA	NA	NA
Cass	119.58	60%	40%	130.07	60%	40%
Cedar	113.86	NA	NA	114.22	NA	NA
Chariton	143.67	40%	30%	162.28	60%	50%
Christian	100.40	NA	NA	111.20	NA	NA
Clark	159.56	40%	40%	175.80	80%	70%
Clay	152.37	20%	30%	186.21	60%	70%
Clinton	154.59	40%	40%	185.58	80%	80%
Cole	137.20	NA	NA	141.97	NA	NA
Cooper	147.72	60%	40%	150.31	60%	50%
Crawford	124.54	NA	NA	138.50	NA	NA
Dade	109.93	60%	40%	115.28	60%	40%
Dallas	91.41	NA	NA	99.62	NA	NA
Daviess	133.41	20%	20%	165.56	60%	70%
DeKalb	141.19	40%	30%	169.53	80%	80%
Dent	118.68	NA	NA	138.53	NA	NA
Douglas	NA	NA	NA	NA	NA	NA

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Dunklin	139.49	NA	NA	138.51	NA	NA
Franklin	147.28	60%	60%	154.74	60%	70%
Gasconade	133.98	60%	40%	134.82	60%	40%
Gentry	146.58	20%	50%	175.94	80%	80%
Greene	103.17	NA	NA	109.73	NA	NA
Grundy	137.26	40%	30%	167.38	60%	50%
Harrison	146.43	20%	30%	173.84	100%	100%
Henry	135.34	80%	50%	137.60	100%	60%
Hickory	102.60	NA	NA	101.70	NA	NA
Holt	197.45	20%	50%	219.47	100%	100%
Howard	140.09	40%	40%	155.96	60%	50%
Howell	121.20	NA	NA	130.46	NA	NA
Iron	118.44	NA	NA	131.94	NA	NA
Jackson	155.35	40%	50%	175.95	60%	60%
Jasper	115.52	40%	20%	125.94	40%	30%
Jefferson	159.87	NA	NA	170.05	NA	NA
Johnson	145.30	60%	40%	148.26	60%	40%
Knox	155.99	20%	30%	173.07	100%	80%
Laclede	114.05	NA	NA	126.43	NA	NA
Lafayette	188.37	20%	40%	212.45	100%	90%
Lawrence	104.51	60%	40%	111.60	60%	40%
Lewis	149.60	60%	50%	162.30	60%	70%
Lincoln	143.89	20%	30%	163.36	100%	90%
Linn	123.60	40%	30%	143.95	60%	50%
Livingston	139.09	40%	30%	169.05	60%	50%
Macon	147.18	40%	40%	162.26	60%	50%
Madison	142.97	NA	NA	153.58	NA	NA
Maries	113.86	NA	NA	116.01	NA	NA
Marion	161.60	60%	50%	161.80	60%	50%
McDonald	102.60	NA	NA	116.18	NA	NA
Mercer	137.57	20%	20%	157.46	80%	80%
Miller	114.45	NA	NA	119.51	NA	NA
Mississippi	178.97	60%	70%	189.06	60%	70%
Moniteau	134.86	60%	30%	135.15	60%	50%
Monroe	154.97	60%	50%	164.32	80%	70%
Montgomery	150.77	40%	40%	163.55	100%	80%
Morgan	137.04	60%	40%	138.66	60%	40%

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
New Madrid	148.24	NA	NA	157.52	NA	NA
Newton	110.89	40%	30%	135.88	60%	80%
Nodaway	175.98	20%	40%	202.78	100%	100%
Oregon	NA	NA	NA	NA	NA	NA
Osage	142.07	80%	50%	149.37	100%	60%
Ozark	NA	NA	NA	NA	NA	NA
Pemiscot	153.34	20%	40%	179.77	60%	70%
Perry	161.82	40%	60%	171.32	80%	80%
Pettis	148.07	60%	40%	149.01	60%	40%
Phelps	118.21	NA	NA	131.70	NA	NA
Pike	150.26	40%	40%	160.20	80%	60%
Platte	176.90	20%	40%	196.48	80%	90%
Polk	99.72	NA	NA	109.44	NA	NA
Pulaski	128.90	NA	NA	129.96	NA	NA
Putnam	141.93	40%	40%	164.45	60%	50%
Ralls	163.13	60%	50%	164.62	80%	60%
Randolph	146.54	40%	40%	160.91	80%	60%
Ray	152.45	40%	40%	178.15	40%	50%
Reynolds	118.44	NA	NA	131.94	NA	NA
Ripley	131.63	NA	NA	141.95	NA	NA
Saline	186.30	60%	50%	197.67	80%	70%
Schuyler	144.81	20%	30%	169.58	60%	60%
Scotland	158.38	20%	40%	177.27	80%	70%
Scott	174.06	60%	60%	173.56	60%	60%
Shannon	NA	NA	NA	NA	NA	NA
Shelby	161.48	60%	60%	163.46	60%	60%
St. Charles	172.50	20%	50%	193.52	100%	100%
St. Clair	132.86	60%	40%	126.20	60%	40%
St. Francois	155.63	NA	NA	164.93	NA	NA
St. Louis	164.92	NA	NA	182.94	NA	NA
St. Louis City	NA	NA	NA	NA	NA	NA
Ste. Genevieve	163.30	80%	70%	168.24	80%	70%
Stoddard	133.31	40%	40%	136.85	40%	50%
Stone	NA	NA	NA	NA	NA	NA
Sullivan	121.17	40%	30%	145.15	60%	50%
Taney	NA	NA	NA	NA	NA	NA

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Texas	103.05	NA	NA	108.98	NA	NA
Vernon	107.23	60%	30%	108.90	60%	40%
Warren	148.16	40%	40%	163.42	80%	80%
Washington	118.44	NA	NA	131.94	NA	NA
Wayne	114.94	NA	NA	125.34	NA	NA
Webster	98.52	NA	NA	105.85	NA	NA
Worth	153.80	20%	40%	182.54	60%	70%
Wright	102.63	NA	NA	122.73	NA	NA
State Average	139.86	44%	41%	152.98	72%	64%

Note. NA = No available data. The most recent 5-year period is from 2019–2023, and the most recent 10-year period is from 2014–2023. Actual yield data is obtained from Risk Management Agency (RMA). RMA yields correspond to actual county yields from the Supplemental Coverage Option insurance policy.

Table 5a. Projected 2024 and 2025 Highest Trigger Yields for ARC-CO Cotton-Base Acres and Percent of Time when Actual Yields were Below Them over the Most Recent 5- and 10-year Periods, by County.

County	2024 Highest Trigger Yield (lb/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (lb/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Butler	2,341.68	NA	NA	2,341.57	NA	NA
Dunklin	2,047.50	100%	100%	2,254.35	100%	100%
Mississippi	2,837.60	NA	NA	2,756.51	NA	NA
New Madrid	2,643.41	NA	NA	2,745.94	NA	NA
Pemiscot	2,826.65	NA	NA	2,968.45	NA	NA
Scott	3,073.20	NA	NA	2,982.52	NA	NA
Stoddard	2,321.11	NA	NA	2,336.24	NA	NA
State Average	2,584.45	NA	NA	2,626.51	NA	NA

Note. NA = No available data. The most recent 5-year period is from 2019–2023, and the most recent 10-year period is from 2014–2023. Actual yield data is obtained from Risk Management Agency (RMA). RMA yields correspond to actual county yields from the Supplemental Coverage Option insurance policy.

Table 5b. Projected 2024 and 2025 Highest Trigger Yields for ARC-CO Cotton-Base Acres and Percent of Time when Actual Yields were Below Them over the Most Recent 5-year Period, by County.

County	2024 Highest Trigger Yield (lb/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...	2025 Highest Trigger Yield (lb/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...
		5-year period		5-year period
Butler	2,341.68	NA	2,341.57	NA
Dunklin	2,047.50	50%	2,254.35	50%
Mississippi	2,837.60	100%	2,756.51	50%
New Madrid	2,643.41	33%	2,745.94	33%
Pemiscot	2,826.65	33%	2,968.45	33%
Scott	3,073.20	67%	2,982.52	67%
Stoddard	2,321.11	33%	2,336.24	33%
State Average	2,584.45	53%	2,626.51	44%

Note. NA = No available data. The most recent 5-year period is from 2019–2023. Actual yield data is obtained from Farm Service Agency (FSA). FSA yields are trend-adjusted yields, meaning that each county yield is the highest of the actual annual county yield and 80-percent of the FSA county Transition Yield.

Table 6. Projected 2024 and 2025 Highest Trigger Yields for ARC-CO Oats-Base Acres and Percent of Time when Actual Yields were Below Them over the Most Recent 5-year Period, by County.

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...	2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...
		5-year period		5-year period
Adair†	41.04	0%	59.10	60%
Callaway^	41.04	0%	59.10	50%
Madison	41.04	0%	59.10	0%
Ripley	41.04	0%	59.10	33%
Wright	41.04	0%	59.10	33%
State Average*	41.04	0%	59.10	57%

Note. NA = No available data. The most recent 5-year period is from 2019–2023. Actual yield data is obtained from Farm Service Agency (FSA). FSA yields are trend-adjusted yields, meaning that each county yield is the highest of the actual annual county yield and 80-percent of the FSA county Transition Yield.

† Adair County has the same values as following MO counties: Andrew, Atchison, Audrain, Barry, Barton, Bates, Benton, Bollinger, Boone, Buchanan, Butler, Caldwell, Cape Girardeau, Cass, Cedar, Chariton, Clark, Clay, Clinton, Cole, Cooper, Dade, Daviess, DeKalb, Franklin, Gasconade, Gentry, Grundy, Harrison, Henry, Hickory, Holt, Howard, Jasper, Johnson, Knox, Lafayette, Lawrence, Lewis, Lincoln, Linn, Livingston, Macon, Maries, Marion, Mercer, Miller, Monroe, Montgomery, Newton, Nodaway, Osage, Pettis, Polk, Putnam, Ralls, Randolph, Ray, Reynolds, Saline, Schuyler, Scotland, Shelby, Sullivan, Vernon, Wayne, and Worth.

^ Callaway County has the same values as following MO counties: Carroll, Dunklin, Iron, Jackson, Laclede, Moniteau, Morgan, Perry, Pike, Platte, Ste. Genevieve, Stoddard, and Warren.

* MO counties that have no historical yield data over 2019–2023 and no highest trigger yield include Camden, Carter, Christian, Crawford, Dallas, Dent, Douglas, Greene, Howell, Jefferson, McDonald, Mississippi, New Madrid, Oregon, Ozark, Pemiscot, Phelps, Pulaski, Scott, Shannon, St. Charles, St. Clair, St. Francois, St. Louis, Stone, Taney, Texas, Wayne, Webster, and St. Louis City.

Table 7a. Projected 2024 and 2025 Highest Trigger Yields for ARC-CO Rice-Base Acres and Percent of Time when Actual Yields were Below Them over the Most Recent 5- and 10-year Periods, by County.

County	2024 Highest Trigger Yield (lb/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (lb/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Bollinger	6,150.64	NA	NA	5,760.28	NA	NA
Butler	7,169.79	0%	30%	7,355.16	0%	30%
Dunklin	6,682.64	0%	10%	6,924.91	20%	30%
Marion	NA	NA	NA	6,807.09	NA	NA
Mississippi	NA	NA	NA	6,807.09	NA	NA
New Madrid	6,641.79	0%	30%	6,896.77	20%	40%
Pemiscot	6,722.71	20%	20%	6,937.75	20%	20%
Ripley	7,100.86	NA	NA	7,495.79	NA	NA
Stoddard	6,660.79	20%	30%	6,945.68	40%	60%
State Average	6,744.74	5%	23%	6,873.11	15%	30%

Note. NA = No available data. The most recent 5-year period is from 2019–2023, and the most recent 10-year period is from 2014–2023. Actual yield data is obtained from Risk Management Agency (RMA). RMA yields correspond to actual county yields from the Supplemental Coverage Option insurance policy.

Table 7b. Projected 2024 and 2025 Highest Trigger Yields for ARC-CO Rice-Base Acres and Percent of Time when Actual Yields were Below Them over the Most Recent 5-year Period, by County.

County	2024 Highest Trigger Yield (lb/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...	2025 Highest Trigger Yield (lb/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...
		5-year period		5-year period
Bollinger	6,150.64	NA	5,760.28	NA
Butler	7,169.79	0%	7,355.16	0%
Dunklin	6,682.64	0%	6,924.91	25%
Marion	NA	NA	6,807.09	0%
Mississippi	NA	NA	6,807.09	0%
New Madrid	6,641.79	0%	6,896.77	0%
Pemiscot	6,722.71	0%	6,937.75	0%
Ripley	7,100.86	NA	7,495.79	NA
Stoddard	6,660.79	0%	6,945.68	0%
State Average	6,744.74	0%	6,873.11	4%

Note. NA = No available data. The most recent 5-year period is from 2019–2023. Actual yield data is obtained from Farm Service Agency (FSA). FSA yields are trend-adjusted yields, meaning that each county yield is the highest of the actual annual county yield and 80-percent of the FSA county Transition Yield.

Table 8. Projected 2024 and 2025 Highest Trigger Yields for ARC-CO Sorghum-Base Acres and Percent of Time when Actual Yields were Below Them over the Most Recent 5-year Period, by County.

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...	2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...
		5-year period		5-year period
Adair	89.35	80%	98.79	100%
Andrew	89.35	80%	98.79	100%
Atchison	89.35	80%	98.79	100%
Audrain	116.68	60%	131.61	100%
Barry	89.35	80%	98.79	100%
Barton	84.76	80%	91.72	100%
Bates	91.60	80%	100.86	100%
Benton	91.42	80%	97.42	100%
Bollinger	91.19	80%	100.54	100%
Boone	79.63	40%	94.13	100%
Buchanan	89.35	80%	98.79	100%
Butler	90.75	80%	100.13	100%
Caldwell	96.37	60%	113.22	80%
Callaway	99.64	80%	111.10	100%
Camden	NA	NA	NA	NA
Cape Girardeau	92.56	80%	101.82	100%
Carroll	92.22	80%	101.45	100%
Carter	NA	NA	NA	NA
Cass	91.14	80%	100.46	100%
Cedar	89.35	80%	98.79	100%
Chariton	89.35	80%	98.79	100%
Christian	NA	NA	NA	NA
Clark	89.35	80%	98.79	100%
Clay	89.35	80%	98.79	100%
Clinton	89.35	60%	101.84	80%
Cole	89.19	100%	98.63	100%
Cooper	88.87	80%	97.46	100%
Crawford	NA	NA	NA	NA
Dade	82.14	50%	89.48	75%
Dallas	89.35	80%	98.79	100%
Daviess	96.62	80%	106.43	100%
DeKalb	91.14	80%	100.51	100%
Dent	NA	NA	NA	NA

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...	2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...
		5-year period		5-year period
Douglas	NA	NA	NA	NA
Dunklin	77.19	60%	85.61	60%
Franklin	95.21	60%	109.92	100%
Gasconade	91.36	80%	89.36	80%
Gentry	89.35	80%	98.79	100%
Greene	NA	NA	NA	NA
Grundy	92.17	80%	101.50	100%
Harrison	89.35	80%	98.79	100%
Henry	90.80	80%	98.77	100%
Hickory	89.35	80%	98.79	100%
Holt	89.35	80%	98.79	100%
Howard	89.35	80%	98.79	100%
Howell	NA	NA	NA	NA
Iron	89.35	75%	98.79	100%
Jackson	89.35	100%	98.79	100%
Jasper	86.59	60%	96.61	100%
Jefferson	89.35	75%	98.79	100%
Johnson	90.61	80%	94.80	80%
Knox	89.35	80%	98.79	100%
Laclede	NA	NA	NA	NA
Lafayette	89.35	80%	98.79	100%
Lawrence	89.35	80%	98.79	100%
Lewis	89.35	80%	98.79	100%
Lincoln	101.14	40%	118.57	100%
Linn	94.98	60%	104.85	80%
Livingston	112.84	40%	130.92	100%
Macon	93.13	80%	102.32	100%
Madison	89.35	75%	98.79	100%
Maries	89.35	80%	98.79	100%
Marion	91.99	75%	101.27	100%
McDonald	NA	NA	NA	NA
Mercer	89.35	80%	98.79	100%
Miller	NA	NA	NA	NA
Mississippi	96.48	100%	107.52	100%
Moniteau	89.19	50%	104.07	75%
Monroe	109.57	80%	112.16	80%

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...	2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...
		5-year period		5-year period
Montgomery	98.67	60%	111.39	100%
Morgan	89.35	80%	98.79	100%
New Madrid	92.41	75%	95.76	75%
Newton	91.46	80%	100.86	100%
Nodaway	89.35	80%	98.79	100%
Oregon	NA	NA	NA	NA
Osage	68.31	60%	77.33	80%
Ozark	NA	NA	NA	NA
Pemiscot	83.79	80%	87.15	80%
Perry	91.85	75%	101.22	100%
Pettis	90.75	80%	100.13	100%
Phelps	NA	NA	NA	NA
Pike	94.01	60%	107.84	100%
Platte	89.35	80%	98.79	100%
Polk	89.35	80%	98.79	100%
Pulaski	NA	NA	NA	NA
Putnam	89.35	80%	98.79	100%
Ralls	94.87	60%	104.77	80%
Randolph	92.17	80%	101.45	100%
Ray	90.46	60%	103.32	80%
Reynolds	89.35	80%	98.79	100%
Ripley	89.35	80%	98.79	100%
Saline	89.35	80%	98.79	100%
Schuyler	89.35	80%	98.79	100%
Scotland	89.35	80%	98.79	100%
Scott	91.56	80%	100.95	100%
Shannon	NA	NA	NA	NA
Shelby	93.45	60%	106.69	80%
St. Charles	93.38	60%	103.32	100%
St. Clair	83.94	80%	86.07	80%
St. Francois	89.35	100%	98.79	100%
St. Louis	89.35	80%	98.79	100%
St. Louis City	NA	NA	NA	NA
Ste. Genevieve	89.35	80%	98.79	100%
Stoddard	95.16	60%	96.24	80%
Stone	NA	NA	NA	NA

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...	2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...
		5-year period		5-year period
Sullivan	89.35	80%	98.79	100%
Taney	NA	NA	NA	NA
Texas	NA	NA	NA	NA
Vernon	95.28	60%	104.54	100%
Warren	93.15	100%	100.62	100%
Washington	NA	NA	NA	NA
Wayne	89.35	80%	98.79	100%
Webster	NA	NA	NA	NA
Worth	89.35	80%	98.79	100%
Wright	NA	NA	NA	NA
State Average	90.94	75%	100.40	96%

Note. NA = No available data. The most recent 5-year period is from 2019–2023. Actual yield data is obtained from Farm Service Agency (FSA). FSA yields are trend-adjusted yields, meaning that each county yield is the highest of the actual annual county yield and 80-percent of the FSA county Transition Yield.

Table 9. Projected 2024 and 2025 Highest Trigger Yields for ARC-CO Soybeans-Base Acres and Percent of Time when Actual Yields were Below Them over the Most Recent 5- and 10-year Periods, by County.

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Adair	42.93	20%	30%	49.28	100%	80%
Andrew	50.22	0%	20%	57.65	100%	100%
Atchison	55.98	20%	40%	65.13	80%	90%
Audrain	51.40	40%	40%	56.26	100%	100%
Barry	27.84	40%	20%	33.65	60%	40%
Barton	36.11	60%	40%	38.91	80%	60%
Bates	45.33	60%	40%	47.27	80%	60%
Benton	46.02	40%	40%	51.11	80%	80%
Bollinger	35.87	60%	60%	36.14	60%	60%
Boone	45.75	60%	50%	49.00	60%	70%
Buchanan	51.02	20%	40%	58.50	100%	100%
Butler	32.51	60%	60%	36.32	80%	80%
Caldwell	41.39	20%	30%	48.12	100%	90%
Callaway	46.90	40%	40%	51.52	80%	80%
Camden	35.71	NA	NA	38.98	NA	NA
Cape Girardeau	45.32	60%	60%	48.01	80%	90%
Carroll	48.78	40%	30%	54.22	100%	100%
Carter	NA	NA	NA	NA	NA	NA
Cass	40.93	60%	50%	41.61	60%	50%
Cedar	32.73	80%	60%	32.55	60%	50%
Chariton	49.56	60%	50%	54.22	80%	80%
Christian	32.15	NA	NA	36.44	NA	NA
Clark	48.21	20%	30%	54.26	100%	90%
Clay	45.64	20%	30%	51.53	100%	100%
Clinton	49.95	20%	30%	57.77	100%	100%
Cole	42.11	40%	40%	44.98	80%	60%
Cooper	46.65	60%	50%	51.93	60%	60%
Crawford	34.56	NA	NA	37.66	NA	NA
Dade	35.43	60%	40%	38.40	80%	70%
Dallas	30.91	NA	NA	30.52	NA	NA
Daviess	42.32	20%	40%	48.98	80%	80%
DeKalb	45.10	0%	20%	51.36	80%	90%
Dent	35.17	NA	NA	38.41	NA	NA

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Douglas	NA	NA	NA	NA	NA	NA
Dunklin	30.67	40%	30%	36.35	60%	50%
Franklin	47.00	60%	60%	51.61	100%	100%
Gasconade	42.07	60%	50%	44.48	80%	70%
Gentry	43.17	0%	30%	49.88	80%	90%
Greene	25.19	NA	NA	29.03	NA	NA
Grundy	44.61	20%	40%	50.23	80%	80%
Harrison	45.75	0%	30%	51.24	100%	90%
Henry	40.02	60%	40%	42.10	60%	40%
Hickory	35.65	NA	NA	35.21	NA	NA
Holt	57.11	0%	30%	64.92	100%	100%
Howard	46.62	20%	30%	53.19	100%	100%
Howell	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA
Jackson	44.54	20%	30%	49.97	100%	100%
Jasper	35.48	60%	40%	39.10	100%	70%
Jefferson	45.12	NA	NA	48.07	NA	NA
Johnson	43.32	40%	50%	46.60	100%	80%
Knox	44.63	20%	30%	50.77	80%	80%
Laclede	39.22	NA	NA	42.41	NA	NA
Lafayette	57.13	40%	70%	63.97	100%	100%
Lawrence	33.30	40%	30%	38.12	60%	60%
Lewis	47.18	60%	50%	51.90	100%	90%
Lincoln	45.64	40%	50%	51.62	80%	80%
Linn	40.15	20%	30%	45.59	80%	80%
Livingston	44.31	40%	50%	50.14	80%	80%
Macon	43.42	20%	30%	48.89	80%	80%
Madison	40.90	NA	NA	43.06	NA	NA
Maries	38.22	NA	NA	40.68	NA	NA
Marion	48.60	60%	40%	53.05	100%	90%
McDonald	36.05	NA	NA	38.14	NA	NA
Mercer	41.08	0%	20%	47.31	100%	90%
Miller	39.59	NA	NA	43.55	NA	NA
Mississippi	53.81	40%	60%	57.91	80%	90%
Moniteau	42.42	40%	40%	47.10	60%	50%
Monroe	49.57	40%	30%	53.33	100%	80%
Montgomery	49.80	20%	30%	56.68	100%	100%

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Morgan	45.77	40%	40%	50.95	60%	70%
New Madrid	42.96	40%	40%	48.50	80%	90%
Newton	34.32	60%	30%	40.32	60%	50%
Nodaway	53.54	0%	30%	61.13	100%	100%
Oregon	NA	NA	NA	NA	NA	NA
Osage	44.27	60%	40%	47.96	80%	70%
Ozark	NA	NA	NA	NA	NA	NA
Pemiscot	43.66	40%	30%	51.09	60%	80%
Perry	49.24	40%	60%	52.83	100%	100%
Pettis	46.27	60%	50%	51.14	60%	60%
Phelps	36.74	NA	NA	40.30	NA	NA
Pike	49.15	40%	50%	54.39	100%	100%
Platte	50.45	20%	40%	56.40	100%	100%
Polk	35.57	NA	NA	40.70	NA	NA
Pulaski	39.73	NA	NA	39.80	NA	NA
Putnam	40.29	20%	20%	46.69	60%	70%
Ralls	51.08	60%	50%	54.25	100%	90%
Randolph	47.08	40%	40%	51.12	100%	90%
Ray	45.92	20%	30%	52.81	100%	100%
Reynolds	31.56	NA	NA	36.28	NA	NA
Ripley	31.35	NA	NA	33.71	NA	NA
Saline	57.38	20%	50%	64.28	100%	100%
Schuyler	42.10	20%	30%	49.70	100%	90%
Scotland	44.86	40%	40%	52.15	60%	70%
Scott	46.50	60%	60%	50.35	80%	90%
Shannon	NA	NA	NA	NA	NA	NA
Shelby	48.79	40%	30%	52.52	100%	90%
St. Charles	51.14	40%	50%	57.75	80%	90%
St. Clair	41.90	40%	40%	42.24	40%	40%
St. Francois	46.10	NA	NA	50.48	NA	NA
St. Louis	45.95	NA	NA	50.53	NA	NA
St. Louis City	NA	NA	NA	NA	NA	NA
Ste. Genevieve	49.89	40%	50%	52.58	80%	90%
Stoddard	37.69	60%	50%	40.83	60%	80%
Stone	NA	NA	NA	NA	NA	NA
Sullivan	37.59	0%	20%	41.85	100%	80%

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Taney	NA	NA	NA	NA	NA	NA
Texas	NA	NA	NA	NA	NA	NA
Vernon	37.05	60%	40%	36.85	60%	40%
Warren	48.83	0%	30%	54.45	100%	100%
Washington	40.65	40%	20%	44.93	60%	30%
Wayne	28.87	NA	NA	31.40	NA	NA
Webster	29.50	NA	NA	35.85	NA	NA
Worth	46.99	20%	40%	54.90	60%	80%
Wright	NA	NA	NA	NA	NA	NA
State Average	42.84	37%	40%	47.39	83%	80%

Note. NA = No available data. The most recent 5-year period is from 2019–2023, and the most recent 10-year period is from 2014–2023. Actual yield data is obtained from Risk Management Agency (RMA). RMA yields correspond to actual county yields from the Supplemental Coverage Option insurance policy.

Table 10. Projected 2024 and 2025 Highest Trigger Yields for ARC-CO Wheat-Base Acres and Percent of Time when Actual Yields were Below Them over the Most Recent 5- and 10-year Periods, by County.

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Adair	48.03	NA	NA	52.89	NA	NA
Andrew	51.34	NA	NA	56.21	NA	NA
Atchison	47.69	NA	NA	51.87	NA	NA
Audrain	66.66	25%	44%	77.11	100%	89%
Barry	65.07	NA	NA	69.73	NA	NA
Barton	69.55	75%	67%	77.10	100%	89%
Bates	60.32	50%	44%	70.52	100%	100%
Benton	54.45	NA	NA	58.76	NA	NA
Bollinger	53.41	NA	NA	62.67	NA	NA
Boone	54.16	50%	44%	61.39	75%	67%
Buchanan	44.38	NA	NA	50.19	NA	NA
Butler	59.08	NA	NA	67.27	NA	NA
Caldwell	65.09	NA	NA	74.51	NA	NA
Callaway	56.34	50%	44%	65.34	100%	78%
Camden	NA	NA	NA	NA	NA	NA
Cape Girardeau	56.40	50%	67%	65.21	100%	89%
Carroll	53.07	NA	NA	61.06	NA	NA
Carter	NA	NA	NA	NA	NA	NA
Cass	42.31	NA	NA	47.12	NA	NA
Cedar	54.75	NA	NA	56.78	NA	NA
Chariton	55.20	NA	NA	61.40	NA	NA
Christian	NA	NA	NA	NA	NA	NA
Clark	47.59	NA	NA	57.93	NA	NA
Clay	48.44	NA	NA	55.99	NA	NA
Clinton	57.77	NA	NA	63.45	NA	NA
Cole	50.63	NA	NA	57.97	NA	NA
Cooper	71.25	25%	44%	75.90	100%	78%
Crawford	NA	NA	NA	NA	NA	NA
Dade	65.29	25%	33%	72.48	100%	100%
Dallas	53.17	NA	NA	61.14	NA	NA
Daviess	40.21	NA	NA	43.75	NA	NA
DeKalb	58.43	NA	NA	73.12	NA	NA
Dent	NA	NA	NA	NA	NA	NA

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Douglas	NA	NA	NA	NA	NA	NA
Dunklin	50.99	50%	56%	58.30	100%	89%
Franklin	57.97	NA	NA	66.44	NA	NA
Gasconade	57.96	NA	NA	59.46	NA	NA
Gentry	55.99	NA	NA	62.39	NA	NA
Greene	NA	NA	NA	NA	NA	NA
Grundy	52.18	NA	NA	59.99	NA	NA
Harrison	46.83	NA	NA	48.43	NA	NA
Henry	58.62	50%	44%	60.80	50%	67%
Hickory	54.67	NA	NA	59.84	NA	NA
Holt	53.10	NA	NA	58.35	NA	NA
Howard	56.03	NA	NA	62.83	NA	NA
Howell	55.03	NA	NA	61.07	NA	NA
Iron	58.34	NA	NA	66.95	NA	NA
Jackson	60.00	NA	NA	59.07	NA	NA
Jasper	64.43	75%	56%	71.05	75%	67%
Jefferson	57.65	NA	NA	67.21	NA	NA
Johnson	53.68	NA	NA	61.83	NA	NA
Knox	55.97	NA	NA	61.60	NA	NA
Laclede	56.55	NA	NA	64.10	NA	NA
Lafayette	65.49	NA	NA	74.24	NA	NA
Lawrence	51.38	NA	NA	57.41	NA	NA
Lewis	55.10	NA	NA	65.62	NA	NA
Lincoln	56.71	NA	NA	65.58	NA	NA
Linn	49.99	NA	NA	54.53	NA	NA
Livingston	52.38	NA	NA	60.94	NA	NA
Macon	56.46	NA	NA	64.65	NA	NA
Madison	60.42	NA	NA	69.34	NA	NA
Maries	55.23	NA	NA	62.19	NA	NA
Marion	57.64	NA	NA	65.32	NA	NA
McDonald	NA	NA	NA	NA	NA	NA
Mercer	46.57	NA	NA	53.09	NA	NA
Miller	NA	NA	NA	NA	NA	NA
Mississippi	65.70	25%	56%	78.69	75%	78%
Moniteau	65.17	NA	NA	71.84	NA	NA
Monroe	57.84	50%	44%	63.55	100%	78%
Montgomery	67.69	50%	56%	78.43	100%	89%

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Morgan	59.38	NA	NA	67.66	NA	NA
New Madrid	50.39	50%	67%	59.81	75%	78%
Newton	62.59	50%	44%	69.00	75%	67%
Nodaway	51.90	NA	NA	60.93	NA	NA
Oregon	NA	NA	NA	NA	NA	NA
Osage	46.28	NA	NA	52.40	NA	NA
Ozark	NA	NA	NA	NA	NA	NA
Pemiscot	56.07	50%	33%	67.06	50%	56%
Perry	63.93	50%	67%	71.64	100%	100%
Pettis	59.26	25%	44%	68.57	100%	89%
Phelps	NA	NA	NA	NA	NA	NA
Pike	56.26	50%	44%	61.96	100%	78%
Platte	44.93	NA	NA	51.55	NA	NA
Polk	49.55	NA	NA	54.44	NA	NA
Pulaski	NA	NA	NA	NA	NA	NA
Putnam	46.77	NA	NA	53.35	NA	NA
Ralls	61.80	NA	NA	70.69	NA	NA
Randolph	61.06	NA	NA	67.42	NA	NA
Ray	54.65	NA	NA	55.69	NA	NA
Reynolds	55.16	NA	NA	63.48	NA	NA
Ripley	52.66	NA	NA	58.25	NA	NA
Saline	62.02	NA	NA	68.24	NA	NA
Schuyler	44.83	NA	NA	51.89	NA	NA
Scotland	51.29	NA	NA	64.46	NA	NA
Scott	64.92	NA	NA	73.62	NA	NA
Shannon	NA	NA	NA	NA	NA	NA
Shelby	52.82	NA	NA	58.85	NA	NA
St. Charles	65.95	NA	NA	76.84	NA	NA
St. Clair	57.10	25%	33%	61.72	75%	56%
St. Francois	59.66	NA	NA	68.54	NA	NA
St. Louis	57.52	NA	NA	67.13	NA	NA
St. Louis City	NA	NA	NA	NA	NA	NA
Ste. Genevieve	62.41	NA	NA	73.04	NA	NA
Stoddard	61.54	50%	56%	69.91	100%	89%
Stone	NA	NA	NA	NA	NA	NA
Sullivan	46.04	NA	NA	43.51	NA	NA

County	2024 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2024 Highest Trigger Yield in most recent...		2025 Highest Trigger Yield (bu/acre)	% Time when Actual Yields < 2025 Highest Trigger Yield in most recent...	
		5-year period	10-year period		5-year period	10-year period
Taney	NA	NA	NA	NA	NA	NA
Texas	NA	NA	NA	NA	NA	NA
Vernon	55.52	50%	33%	61.07	100%	67%
Warren	61.69	NA	NA	68.07	NA	NA
Washington	NA	NA	NA	NA	NA	NA
Wayne	54.49	NA	NA	62.74	NA	NA
Webster	NA	NA	NA	NA	NA	NA
Worth	51.47	NA	NA	56.21	NA	NA
Wright	53.11	NA	NA	61.07	NA	NA
State Average	55.95	46%	49%	63.00	89%	80%

Note. NA = No available data. The most recent 5-year period is from 2019–2023, and the most recent 10-year period is from 2014–2023. Actual yield data is obtained from Risk Management Agency (RMA). RMA yields correspond to actual county yields from the Supplemental Coverage Option insurance policy.

Figure 1. Enrolled program acres, and effective vs. reference prices by crop.

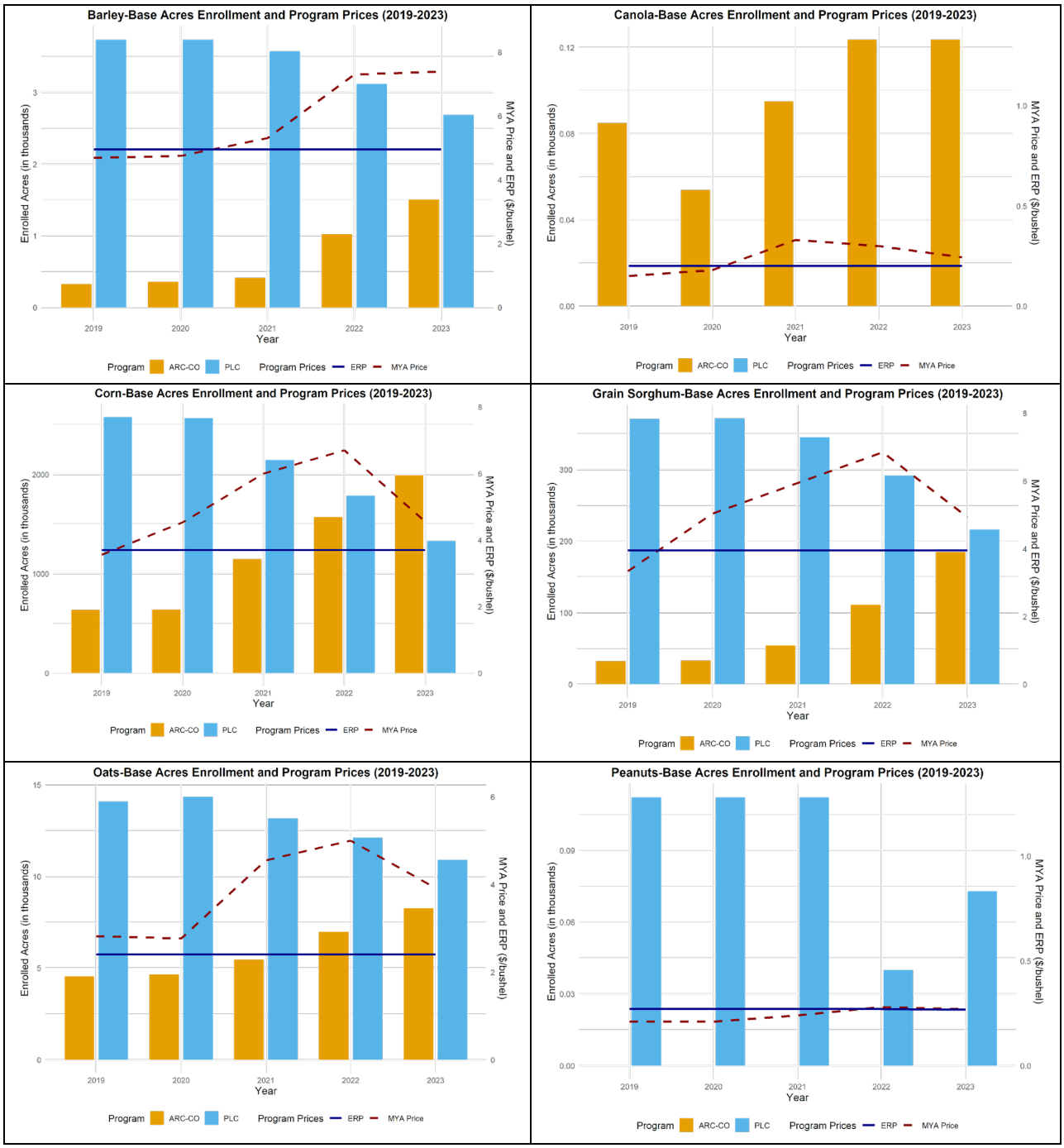


Figure 1. Enrolled program acres, and effective vs. reference prices by crop (continued).

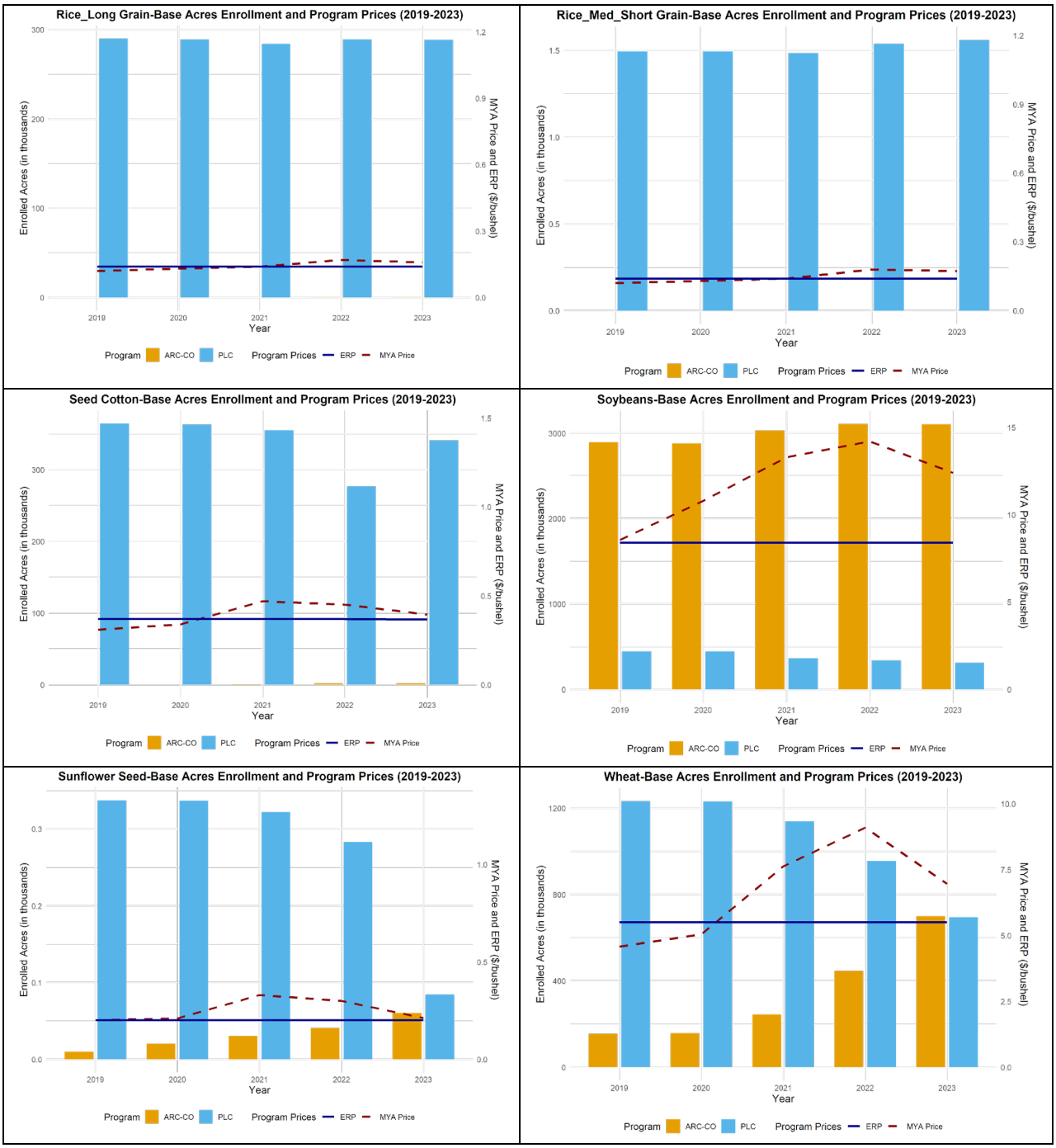


Figure 2. Total ARC-CO and PLC payments by crop.

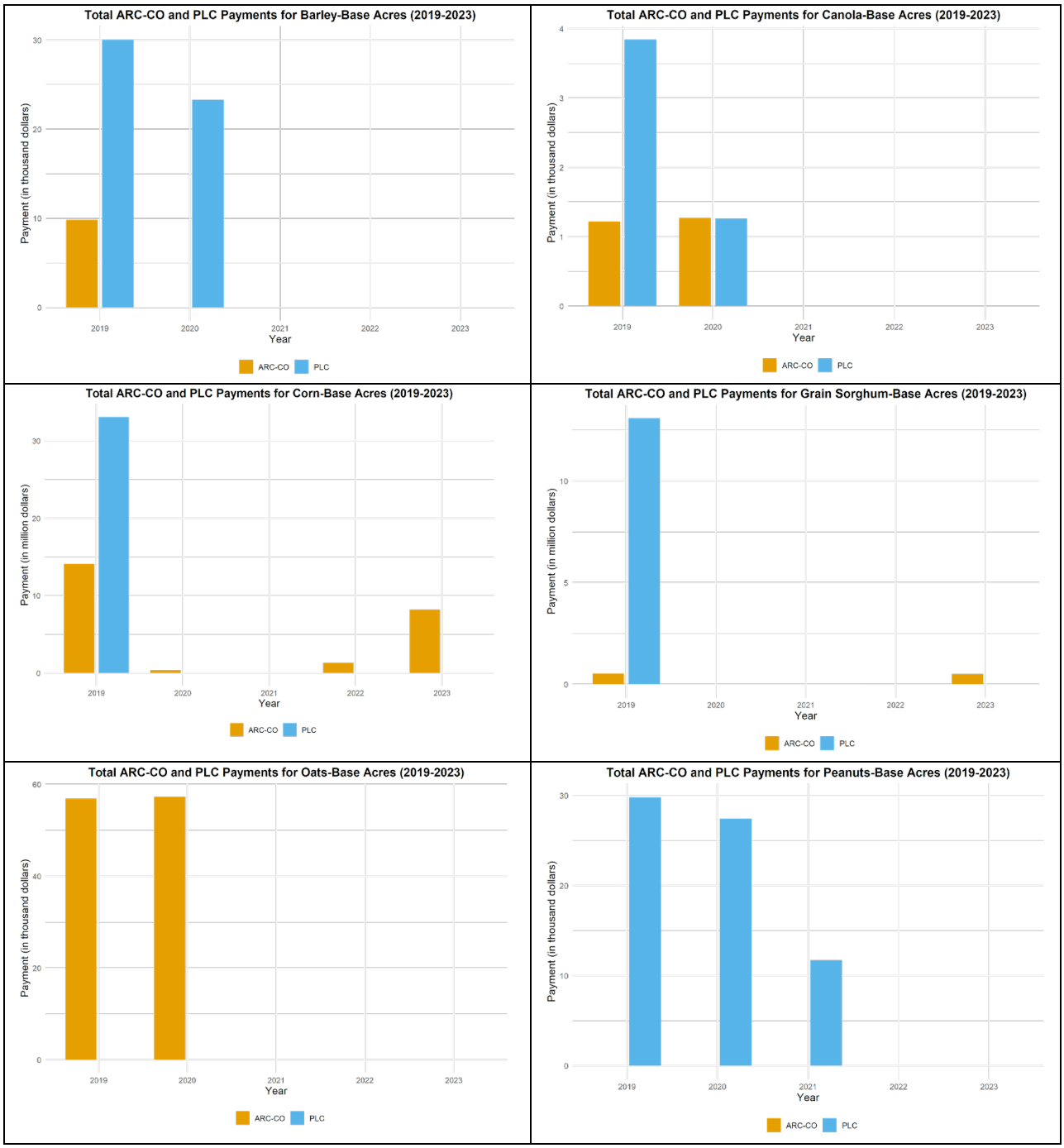


Figure 2. Total ARC-CO and PLC payments by crop (continued).

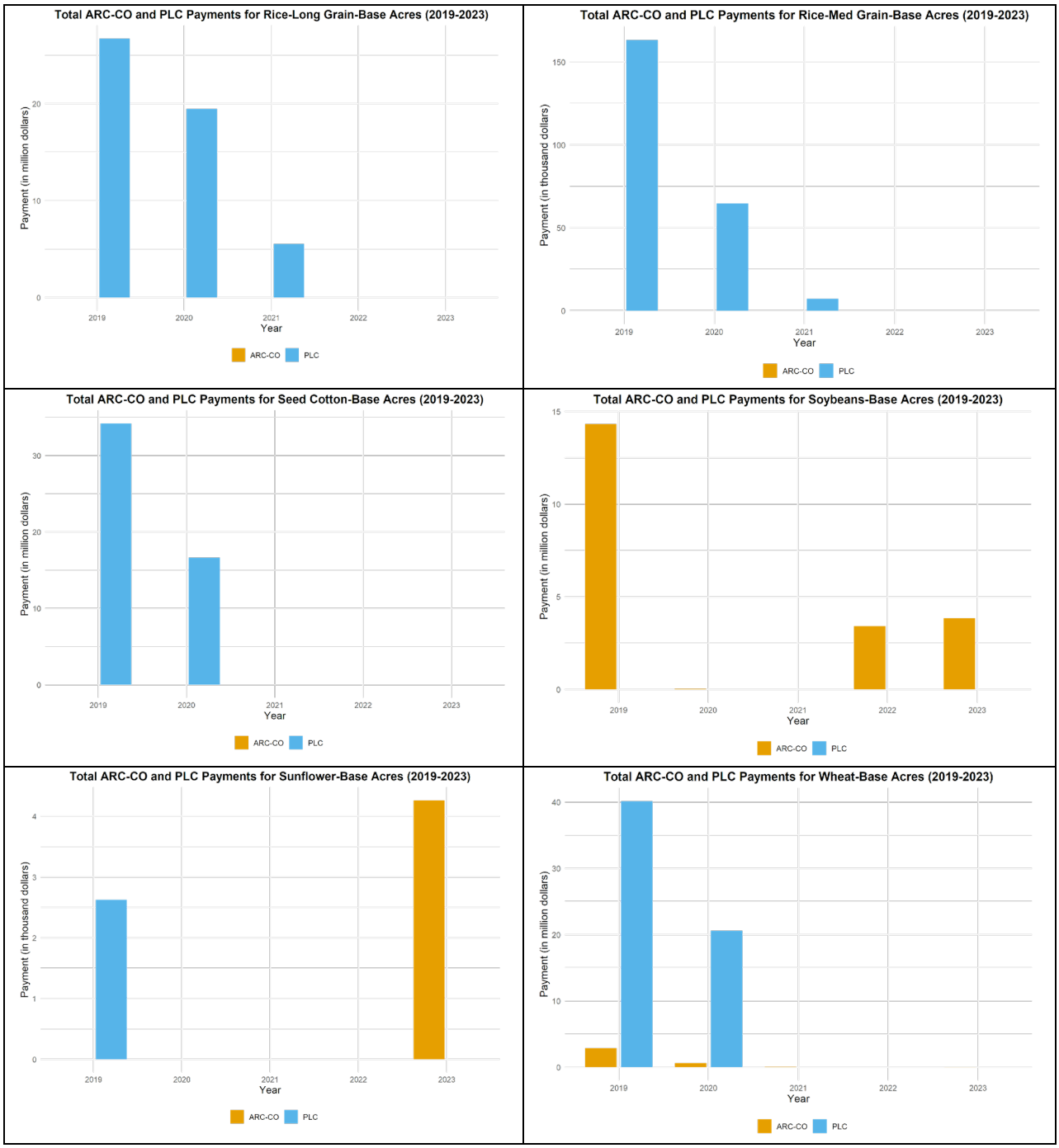
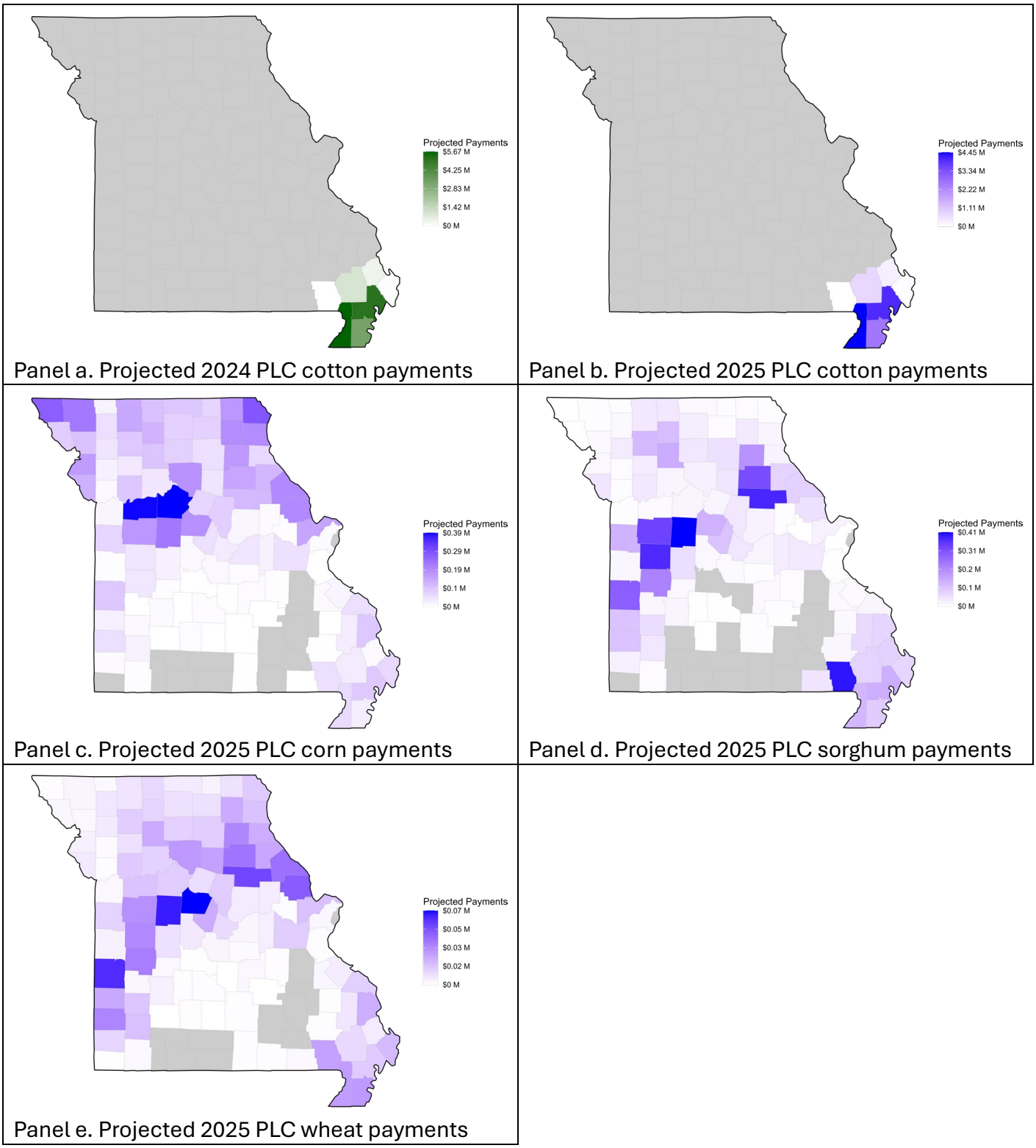


Figure 3. Projected PLC Payments by crop, year, and county.



Panel a. Projected 2024 PLC cotton payments

Panel b. Projected 2025 PLC cotton payments

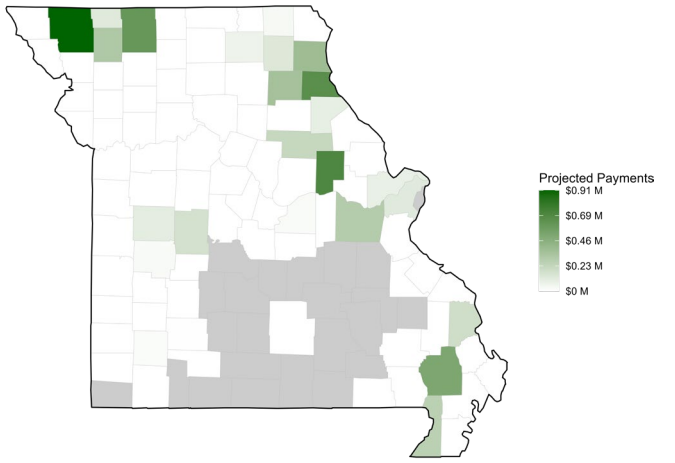
Panel c. Projected 2025 PLC corn payments

Panel d. Projected 2025 PLC sorghum payments

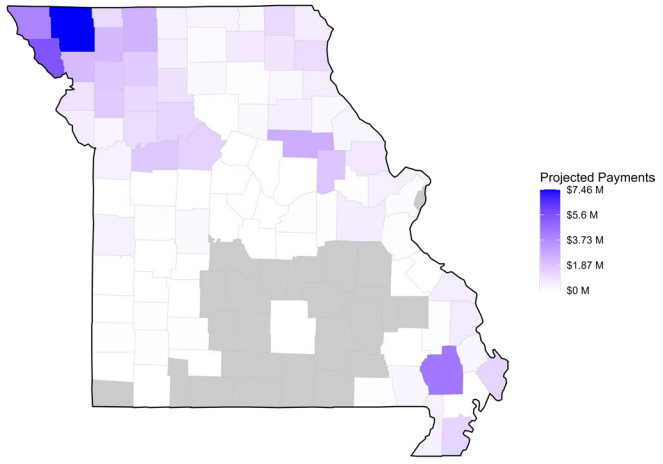
Panel e. Projected 2025 PLC wheat payments

Note: Maps for peanuts are not provided since Ripley County is the only county impacted. A map for sunflower seeds is not provided since projected 2024 PLC payments per county are very low: $13.53 in Cass Co., $1.28 in Clark Co., $8.24 in Dunklin Co., $205.64 in Henry Co., $37.57 in New Madrid Co., $97.67 in Scott Co., and $41.08 in Stoddard Co.

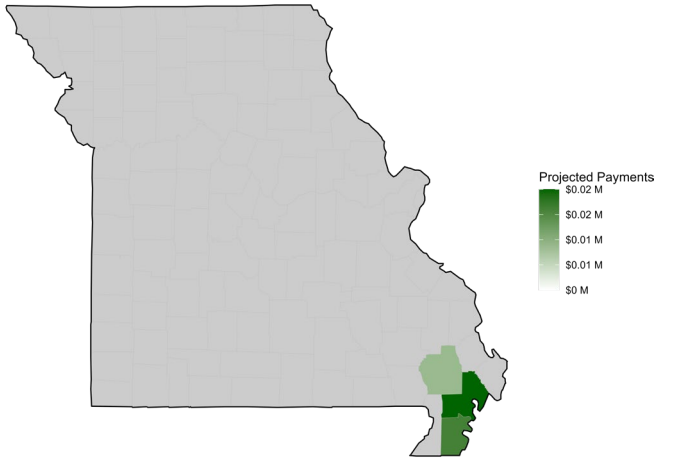
Figure 4. Projected ARC-CO Payments by Crop, Year, and County.



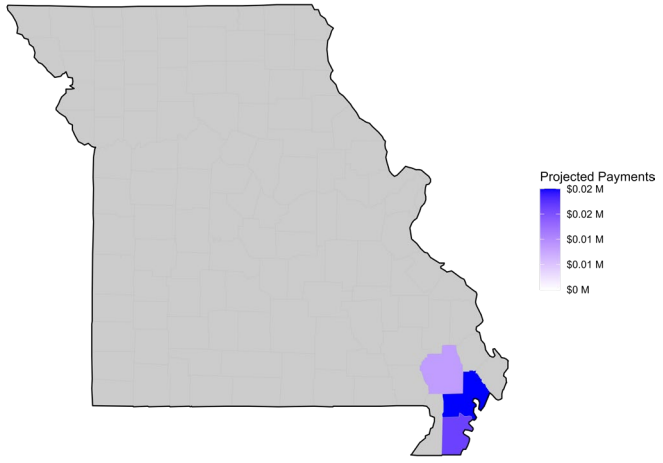
Panel a. Projected 2024 ARC-CO corn payments.



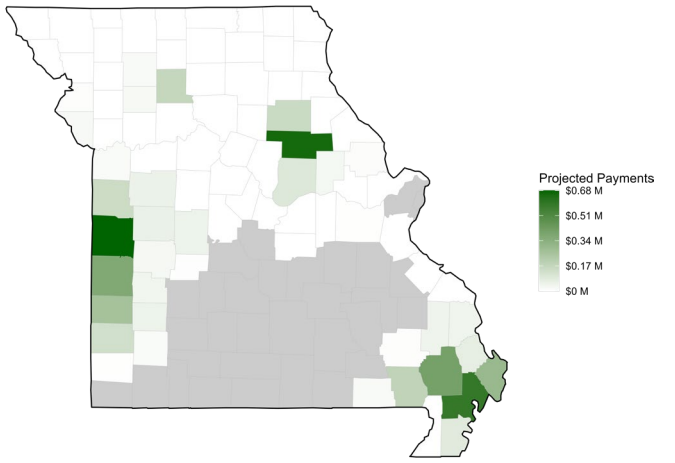
Panel b. Projected 2025 ARC-CO corn payments.



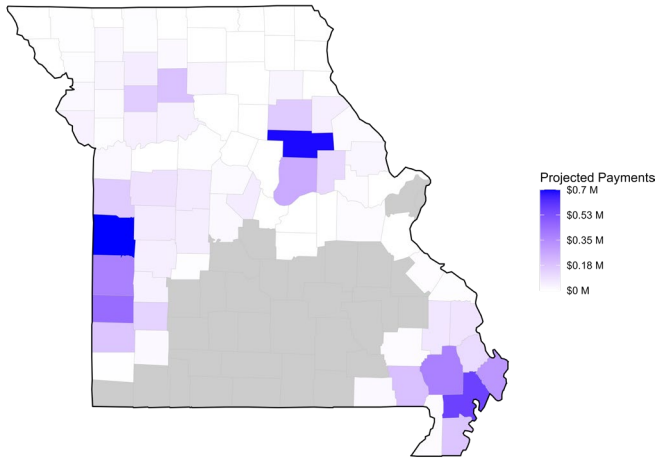
Panel c. Projected 2024 ARC-CO cotton payments.



Panel d. Projected 2025 ARC-CO cotton payments.

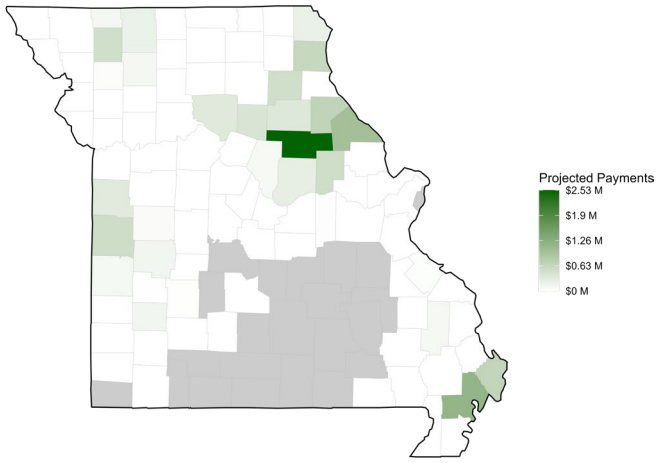


Panel e. Projected 2024 ARC-CO sorghum payments.

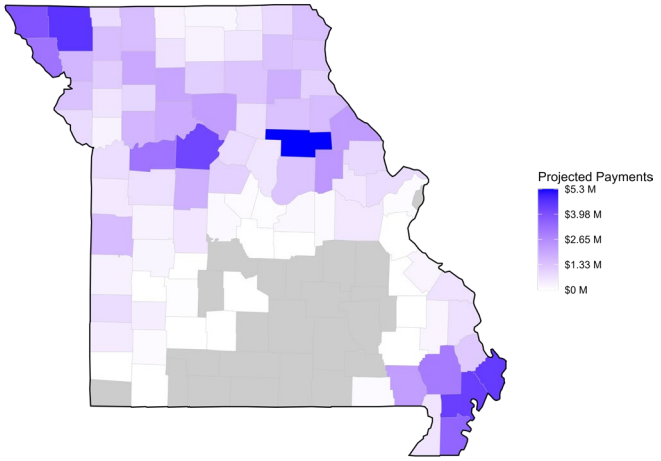


Panel f. Projected 2025 ARC-CO sorghum payments.

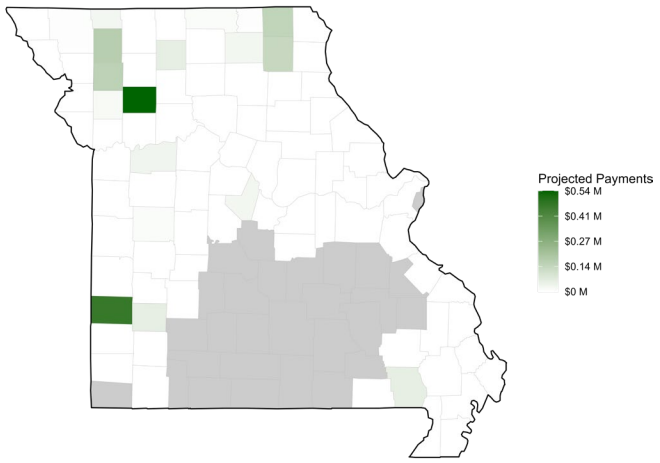
Figure 4. Projected ARC-CO Payments by Crop, Year, and County (continued).



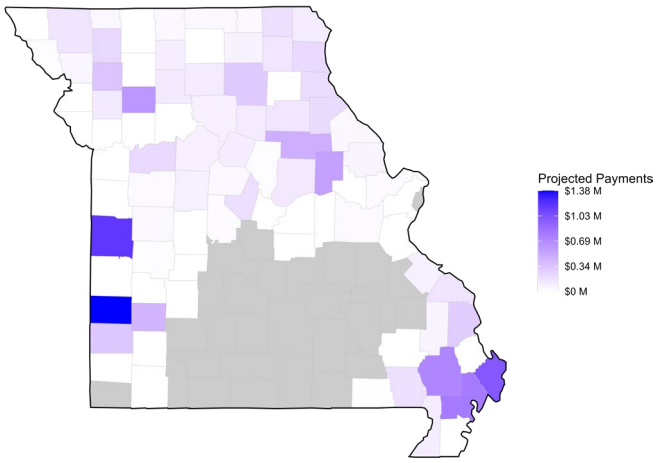
Panel g. Projected 2024 ARC-CO soybean payments.



Panel h. Projected 2025 ARC-CO soybean payments.



Panel i. Projected 2024 ARC-CO wheat payments.



Panel j. Projected 2025 ARC-CO wheat payments.

Note: A map for oats is not provided since projected 2024 ARC-CO payments per county are zero. Similarly, a map for oats is not provided since projected 2025 PLC payments per county are very low: $39.75 in Clark Co., $160.82 in Daviess Co., $435.79 in DeKalb Co., $417.39 in Harrison Co., $1,690.84 in Schuyler Co., and $95.65 in Scotland Co.