



Calhoun County Consolidated Dispatch Authority

FY2022 Budget

January 1, 2022-December 31, 2022



Calhoun County Consolidated Dispatch Authority

315 W. Green St., Marshall MI 49068
Administration: (269) 781-0911 • Emergency: 911
www.calhouncounty911.org

TO: CCCDA Governing Board of Directors
FROM: Michael Armitage, Executive Director
DATE: November 22, 2021 ****UPDATED FROM NOVEMBER 9, 2021****
SUBJECT: Fiscal Year 2022 Budget Proposal

INTRODUCTION

I hereby present to you for consideration, my recommendation for Calhoun County Consolidated Dispatch Authority's (CCCDA) Fiscal Year 2022 Budget. This proposal was prepared in accordance with Generally Accepted Accounting Principles and in compliance with the Uniform Budget and Accounting Act, as well as CCCDA's Fiscal Policies. The following Public Hearing Notice will be posted on CCCDA's website (www.calhouncounty911.org) and published in the Battle Creek Shopper and the Ad-visor & Chronicle:

NOTICE OF PUBLIC HEARING – 2022 BUDGET

The Calhoun County Consolidated Dispatch Authority's Governing Board of Directors will hold a public hearing on Tuesday, December 14, 2021 at 2:30 p.m. The purpose of the hearing will be for public to comment on the proposed budget for fiscal year ending December 31, 2022. The 2022 proposed budget includes \$3,770,094.43 in revenues and expenditures totaling \$3,770,094.43.

The hearing will be held in the Commissioner's Chambers on the third floor at the Calhoun County Administrative Building, 315 W. Green St., Marshall, Michigan. A copy of the proposed budget may be obtained and examined on our website at www.calhouncounty911.org or from the Calhoun County Consolidated Dispatch Authority Administrative Office (315 W. Green St., Room #1-800, Marshall, Michigan) between the hours of 9:00 a.m. and 3:00 p.m.; Monday through Thursday and 9 a.m. to noon on Fridays.



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The recommended 2022 Budget includes estimated revenues of \$3,770,094.43 and expenditures totaling \$3,770,094.43, resulting in a balanced budget. This budget is separated into TWO (2) Business Units:

- **2911 – General Dispatch Operations**
All revenue and expenditures related to normative 911 and public safety dispatch services.
- **2912 – CCCDA Training**
Dedicated training fund revenue received from the State of Michigan and all expenditures related to State 911 Committee approved training.

REVENUES

I anticipate all 911 surcharge revenues (local and State) will remain stable for 2022. This includes the dedicated training funds to assist PSAPs in meeting the State’s minimum training standards for Emergency (911) Telecommunicators.

For 2022, the revenue generated from the call for service will be \$2,456,008.00.

Additional sub-accounts have been added to better align with the uniform chart of accounts.

INSURANCES

CCCDA will continue to offer fully funded Health, Vision, and Dental plans to full-time employees. Additionally, full-time employees electing the health insurance can participate in the CareHere Health and Wellness Center. This clinic provides an opportunity for employees to pick up prescriptions, see doctors for colds or chronic conditions, and generally improve their overall health.

Health

This proposal complies with Public Act 152 of 2011 by electing the “Hard Cap” option. The cost limitations for Public Employer Contributions to Medical Benefit Plans for calendar year 2022 were increased 3.7% and are:

- \$7,304.51 for single person plans
- \$15,276.01 for individual/spouse plans
- \$19,921.45 for family plans

The 2022 premium rates for medical insurance and prescription coverage saw an increase of 8.72%. In addition to the increase, to date it appears that medical and prescription coverage was under budgeted by approximately \$113,000 in FY 2021.



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Dental

CCCDA will continue to offer full-time employees the core (base) Dental plan as well as a buy-up option. CCCDA will pay for the CORE option and if the employee elects the buy-up option, he/she is responsible for the cost of the buy-up.

Vision

CCCDA will continue to offer full-time employees vision insurance at no cost.

PERSONNEL/POSITION BUDGET

Below you will find a list of proposed positions by classification. There is a proposed decrease of two part-time emergency telecommunicators with no additional positions proposed to be added. While there is a proposed net decrease in approved positions in FY 2021, the budgeted amount for personnel does significantly increase in FY 2022. This increase is reflective of the fact that the budgeted amount for positions did not match approved positions in FY 2021 (it included two less FTE and two less part time positions).

26 - Full-time Emergency Telecommunicators
4 - Full-time Dispatch Supervisors
2 - Part-time Emergency Telecommunicators
1 - Full-time QA/Training Supervisor
1 - Full-time Systems Administrator
1 - Full-time Executive Assistant
1 - Full-time Deputy Director
1 - Full-time Executive Director

As part of this proposal, I recommend the following wage scale adjustments (cost-of-living adjustments):

- Full-time Emergency Telecommunicators – 3% wage scale increase effective the first full payroll period beginning on or after 01/01/2022 (agreed to in the third year of collective bargaining agreement).
- All other employees (part-time telecommunicators, dispatch supervisors, systems administrator, executive assistant, deputy director, executive director)- 3% wage scale increase effective January 1, 2022.

DEFINED BENEFIT RETIREMENT COSTS

The actuarial resulted in a required minimum employer contribution of \$10,754 per month or \$129,048 for the year.

After the actuarial valuation was conducted in 2015, MERS had made two significant changes in their methods of valuation computation:



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1. Investment Rate of Return Assumption
MERS lowered the Rate of Return Assumption for all assets from 7.75% to 7.35%. This will result in increased costs for CCCDA as less pension payments will come from investment earnings.
2. Amortization Policy
Historically, CCCDA's pension plans have used a rolling amortization period of 20 years to amortize payments toward unfunded accrued liability (UAL). To decrease contribution volatility, MERS reduced the amortization period for "Closed Plans" to a 10-year fixed period.

This annual contribution and additional payment is built into the 2022 Budget proposal, under the Retirement CCCDA MERS DB line item account: 2911-725.010.

This budget assumes that the DB liability of \$1,245,702 will be paid over a period of 10 years, which will require an amendment to our MERS interlocal agreement. It does not appear that CCCDA will have the ability to bond pensions under current state statute.

MAINTENANCE/SERVICE CONTRACTS

Page 15 details all maintenance and service contracts with vendors as well as cost share agreements with other municipalities.

POSTAGE (MAILING)/PRINTING/ADVERTISING

Line items for postage, printing, and advertising have been increased to account for informational material relating to the strategic plan and potential ballot proposal.

OPERATIONAL PROJECTS

There are two (2) operational projects recommended as part of this proposal:

Computer equipment - \$20,000

Purchase additional nine additional monitors for dispatch and four replacement computers, along with misc. items.

Dispatch chair replacements - \$40,000

Replace dispatch chairs and administration staff chairs

CONCLUSION

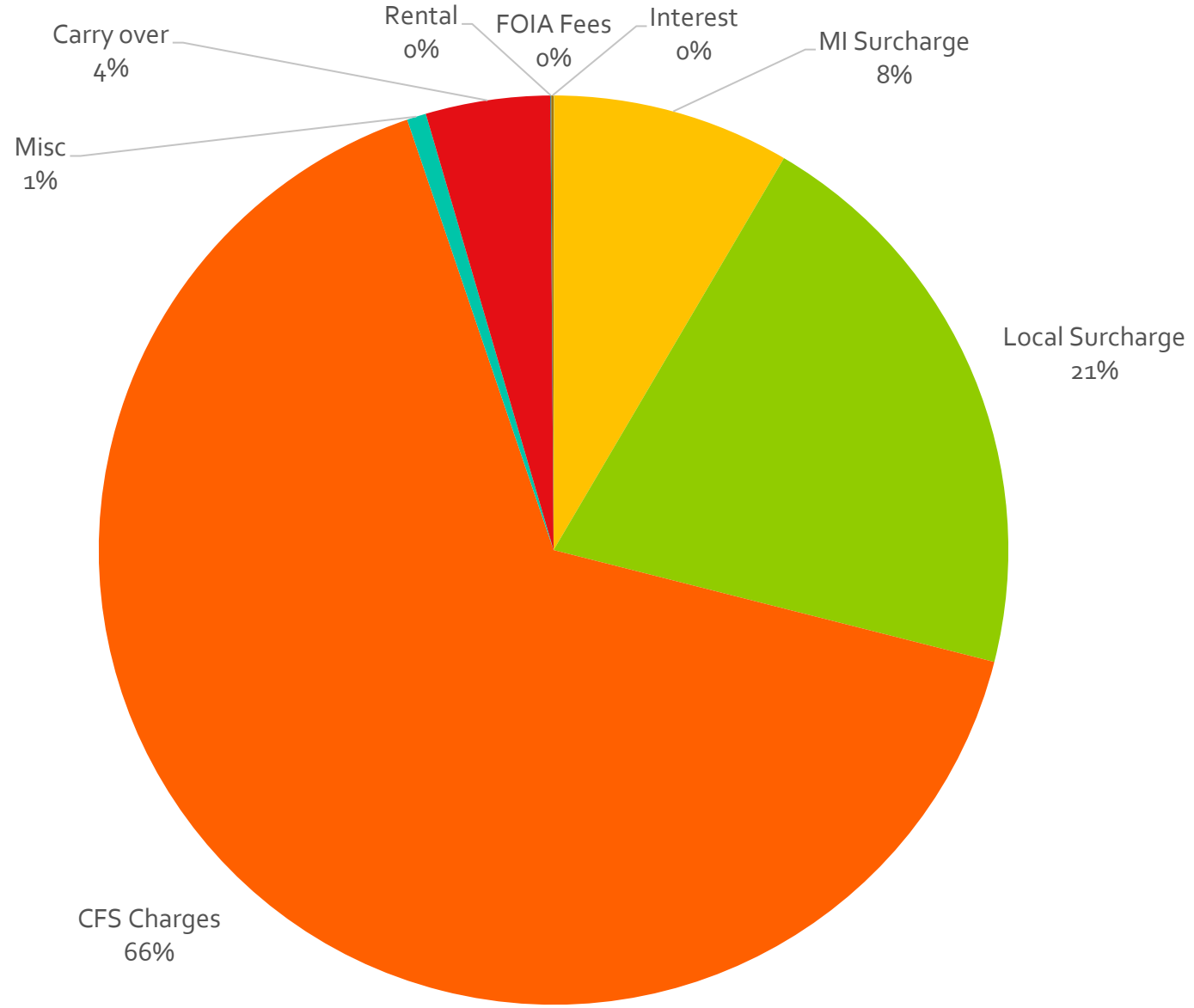
This memorandum is to be utilized as a guide while reviewing the budgetary documentation and itemized spreadsheets contained herein that will further explain CCCDA's anticipated revenues and expenditures (personnel, maintenance and service contracts, projects, and debt services) for the forthcoming fiscal year.

If you have any questions or concerns regarding this budgetary proposal, please feel free to contact me at (269) 781-9709 or via email at marmitage@calhouncountymi.gov.

Revenue

- FOIA fees \$500
- State of Michigan Surcharge Distribution \$315,000
- Local Surcharge \$765,000
- Interest \$3,000
- CFS Formula \$2,456,006 (2% increase)
- Rental Income \$1,200
- State Training \$25,000 (fund 2912)
- Carry Over \$164,986
- Miscellaneous Revenue \$25,500
 - Includes MAFFA contract, Road Department radio cost share, Dept. of Veterans Affairs MCT licenses, Consumers Energy radio mic fees.

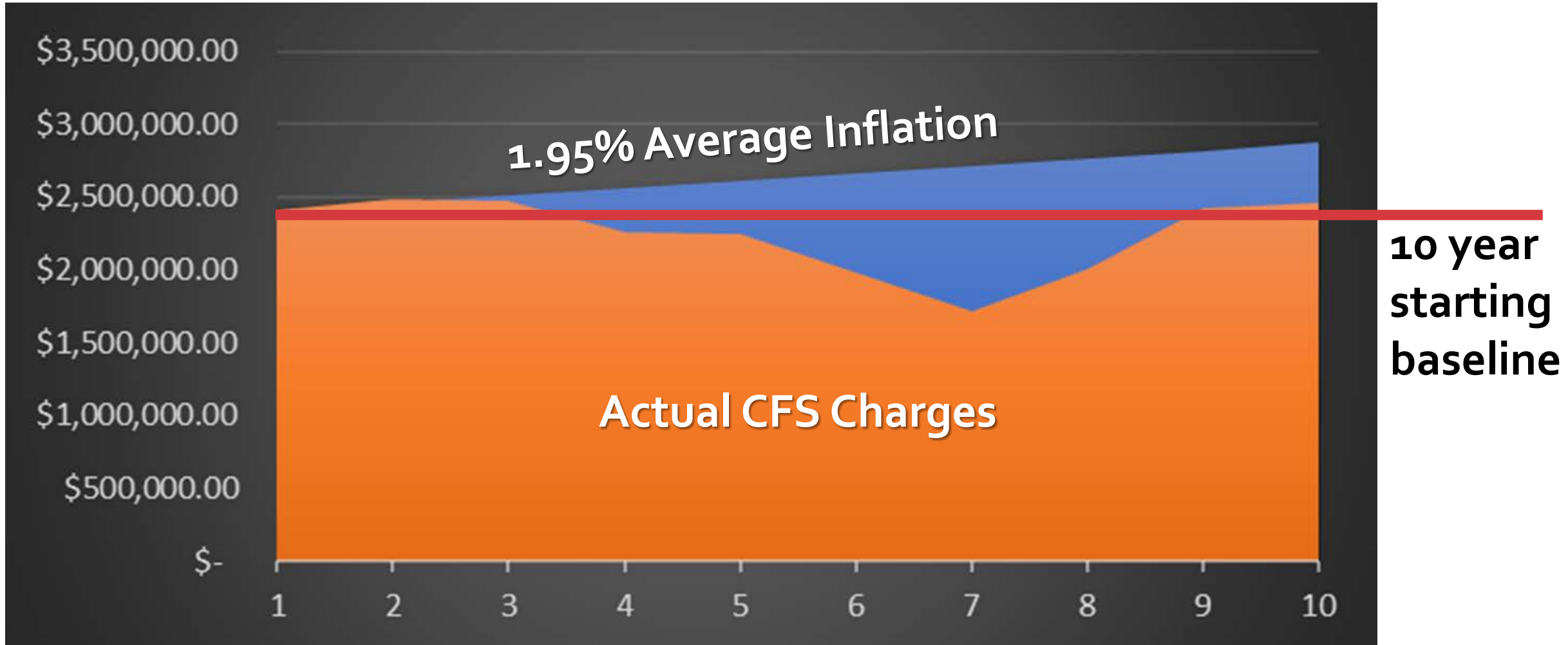
Fund 2911 Revenue



FOIA Fees MI Surcharge Local Surcharge CFS Charges Misc Carry over Rental Interest

CFS Charges

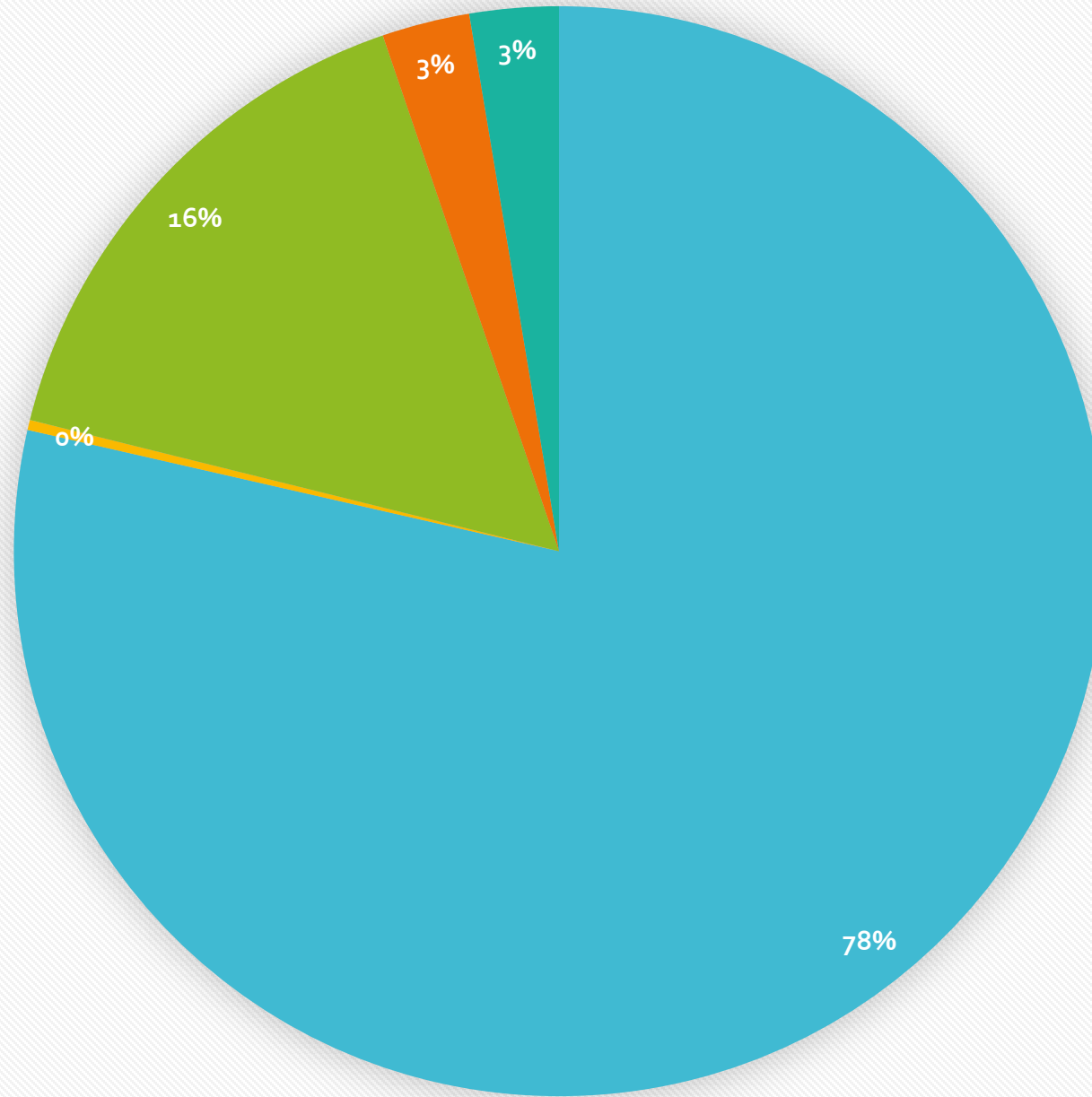
10 Years Actual vs. Inflation (2013-2022)



Fund 2911 Expenditures

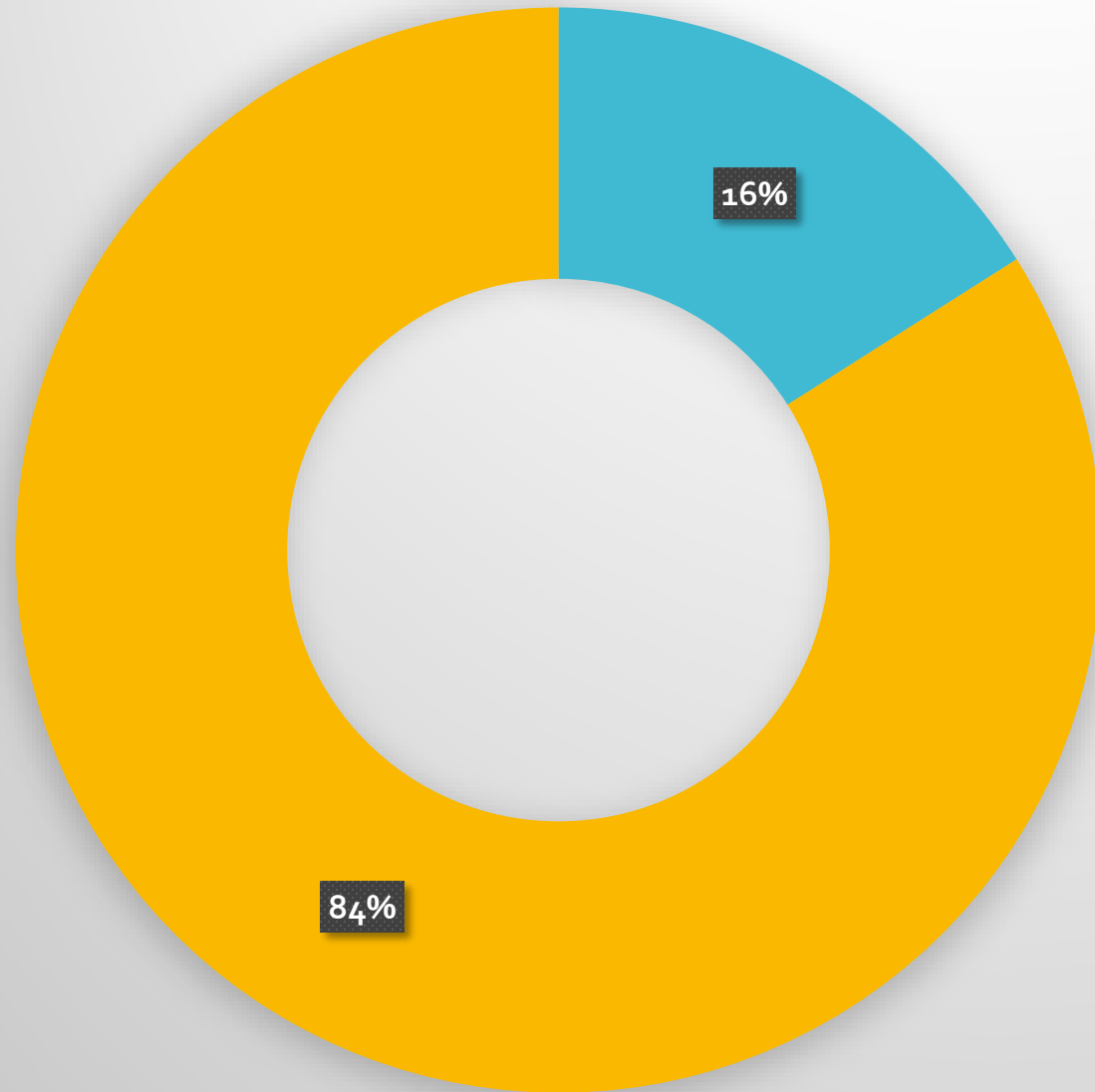
- TOTAL: \$3,648,996.79
 - Personnel: \$2,027,758.23
 - Fringe Benefit: \$839,391.56
 - Supplies: \$10,900.00
 - Other: \$579,747.00
 - Capital Outlay: \$95,000.00
 - Debt Service: \$96,200.00

2911 Expenditures



■ Personnel ■ Supplies ■ Other ■ Capital Outlay ■ Debt Service

Administrative Personnel Costs



- Administration (Executive Director, Deputy Director, Systems Administrator, Executive Assistant)
- Supervisors/Telecommunicators

*Does not include MERS Defined Benefit costs.

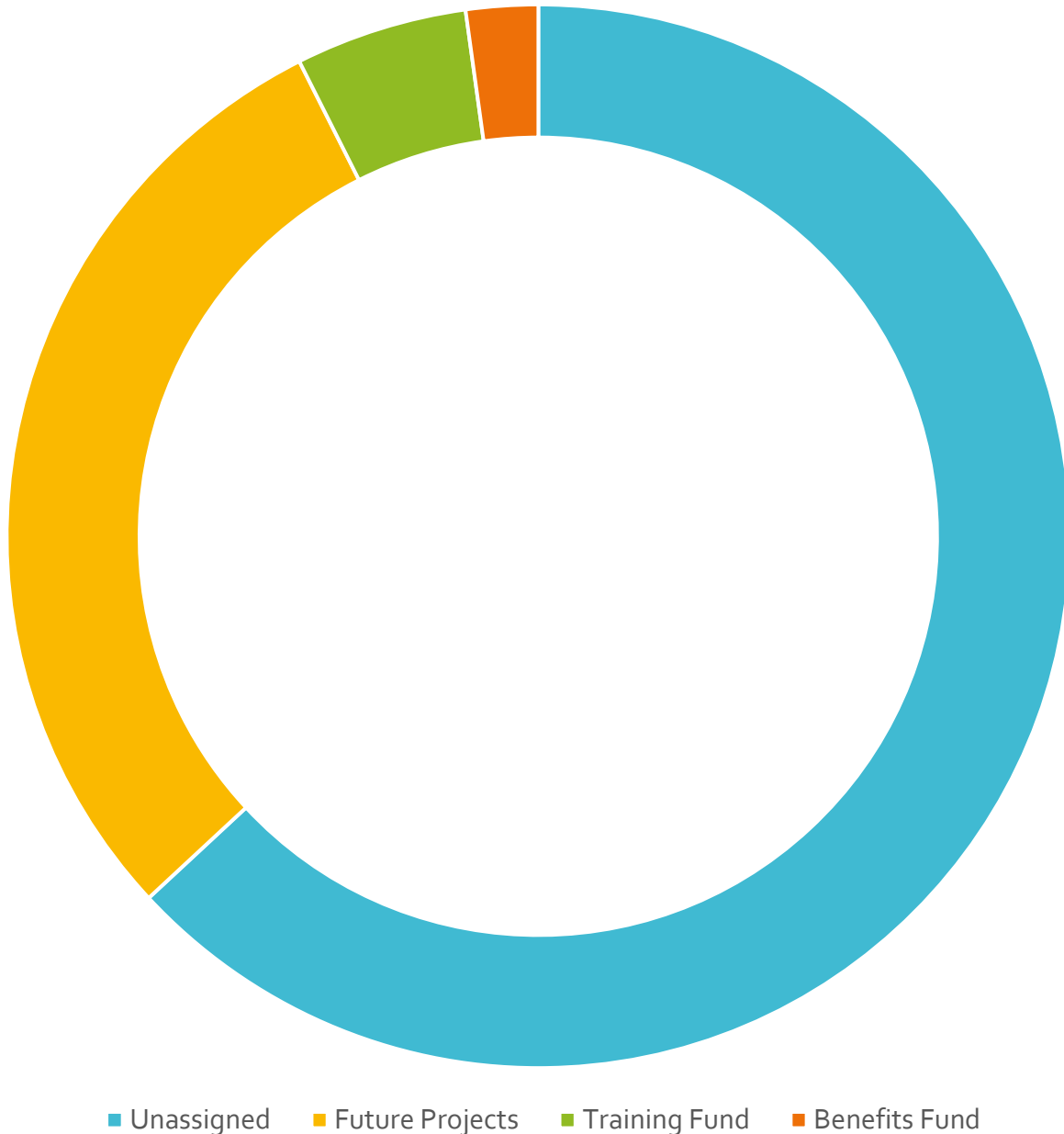
Personnel

- All employees, 3% pay increase
 - consistent with union CBA
- 26 Full-time Telecommunicators
- 2 Part-time Telecommunicators
 - reduction of 2 from FY21
- 1 Full-time QA/Training Supervisor
- 1 Full-time Systems Administrator
- 1 Full-time Executive Assistant
- 1 Full-time Deputy Director
- 1 Full-time Executive Director

Highlights

- Chair replacement throughout the center.
- Additional monitors for dispatch to view Rave/Smart911/RapidSOS.
- Phased replacement of computers on the dispatch floor.
- Scheduling Program.
- Pre-Employment Testing Program.
- Increased budget line items for informational campaign.
- Additional contribution to MERS DB.

Projected Fund Balance at close of FY 2022



HIGHLIGHTS (projected at close of FY 2022):

- \$749,583 unassigned 'general' fund balance.
- \$350,000 assigned for future capital projects/MERS contributions (decreased to comply with unrestricted fund balance policy).
- \$62,119 restricted in training fund.
- \$26,000 restricted in benefits fund (increase from \$0 at close of FY 2021).
- \$164,986 of unrestricted fund balance projected to be used to balance the FY 2022 budget.

Account Number	Account Description	2019 Actual Amount	2020 Actual Amount	2021 Amended Budget	2022 Department Request
Fund: 261 - CCCDA					
REVENUES					
Department: 90 - Dispatch Authority					
Division: 901 - Operations					
Business Unit: 2911 - Dispatch Operations					
<i>Fed Grants - Federal Grants</i>					
501.000	Federal Grant Revenue	-	224,430.00	-	-
<i>Account Classification Total: Fed Grants - Federal Grants</i>		-	224,430.00	-	-
<i>Local Cont - Local Contributions</i>					
580.000	Local Contribution Revenue	1,800.00	-	-	-
<i>Account Classification Total: Local Cont - Local Contributions</i>		1,800.00	-	-	-
<i>Chrg Serv - Charges for Services</i>					
607.015	Department Fees FOIA	624.00	310.00	400.00	500.00
615.010	Surcharges State	316,343.00	313,650.00	365,000.00	315,000.00
615.020	Surcharges 911	763,322.11	769,368.17	765,000.00	765,000.00
615.030	Surcharges Local Service	1,712,723.75	1,930,559.40	2,425,731.00	
<i>Account Classification Total: Chrg Serv - Charges for Services</i>		2,793,012.86	3,013,887.57	3,556,131.00	1,080,500.00
<i>Int - Interest & Rents</i>					
664.000	Interest and Dividends Revenue	13,995.07	1,927.41	3,000.00	3,000.00
<i>Account Classification Total: Int - Interest & Rents</i>		13,995.07	1,927.41	3,000.00	3,000.00
<i>Other Rev - Other Revenues</i>					
671.000	Miscellaneous Revenue	10,784.00	12,117.00	-	25,500.00
<i>Account Classification Total: Other Rev - Other Revenues</i>		10,784.00	12,117.00	-	25,500.00
<i>Other Fin Sour - Other Financing Sources</i>					
400.050	Carry Over Miscellaneous	-	-	(205,753.00)	164,986.43
696.030	Proceeds Loan	-	351,901.86	-	
NEW 580.001	CFS Formula Payments				2,456,008.00
664.67	Rental Income				1,200.00
<i>Account Classification Total: Other Fin Sour - Other Financing Sources</i>		-	351,901.86	(205,753.00)	2,622,194.43
Business Unit Total: 2911 - Dispatch Operations		2,819,591.93	3,604,263.84	3,353,378.00	3,731,194.43
Division Total: 901 - Operations		2,819,591.93	3,604,263.84	3,353,378.00	3,731,194.43
Department Total: 90 - Dispatch Authority		2,819,591.93	3,604,263.84	3,353,378.00	3,731,194.43
REVENUES Total		2,819,591.93	3,604,263.84	3,353,378.00	3,731,194.43

EXPENSES

Account Number	Account Description	2019 Actual Amount	2020 Actual Amount	2021 Amended Budget	2022 Department Request
Department: 90 - Dispatch Authority					
Division: 901 - Operations					
Business Unit: 2911 - Dispatch Operations					
<i>PS - Personnel Services</i>					
702.020	Salaries Regular	1,640,988.38	1,698,248.55	1,687,598.00	1,884,478.23
702.030	Salaries Overtime	122,443.91	97,541.66	85,000.00	95,000.00
702.050	Salaries S & A	11,676.83	10,136.21	12,000.00	12,000.00
704.030	Other Pay Bereavement	886.56	2,151.70	3,000.00	3,000.00
706.000	Termination Pay Expense	13,003.13	30,152.58	7,000.00	10,000.00
710.000	Payment in Lieu Insurance	29,395.00	23,320.00	25,000.00	15,600.00
715.020	Allowance Auto	4,800.00	4,000.00	4,800.00	4,800.00
715.030	Allowance Cell Phone	2,880.00	2,880.00	2,880.00	2,880.00
<i>Account Classification Total: PS - Personnel Services</i>		1,826,073.81	1,868,430.70	1,827,278.00	2,027,758.23
<i>FB - Fringe Benefit</i>					
719.000	Worker's Comp Expense	7,640.29	7,761.72	8,000.00	8,012.38
720.010	Insurance Benefits Hospitalization	360,214.77	343,139.22	330,000.00	415,000.00
720.020	Insurance Benefits Dental	17,390.02	17,694.88	21,000.00	20,001.12
720.030	Insurance Benefits Vision	6,486.25	6,811.62	6,500.00	7,274.42
720.040	Insurance Benefits Life	1,097.27	1,044.12	1,200.00	1,152.00
720.050	Insurance Benefits Unemployment	(547.54)	165.49	6,000.00	210.90
721.000	Social Security Expense	135,992.90	138,792.19	137,000.00	145,943.47
725.010	Retirement CCCDA MERS DB	101,263.00	260,730.00	175,000.00	210,000.00
725.020	Retirement CCCDA MERS DC	91,300.70	101,492.67	94,000.00	113,994.91
<i>Account Classification Total: FB - Fringe Benefit</i>		720,837.66	877,631.91	778,700.00	921,589.20
<i>Sup - Supplies</i>					
727.000	Office Supplies Expense	4,938.75	7,269.22	7,000.00	7,500.00
730.000	Maintenance Supplies Expense	299.77	34.02	1,000.00	500.00
740.000	Uniform Supplies Expense	1,533.21	806.25	1,000.00	2,500.00
760.000	Kitchen Supplies Expense	-	45.44	-	150.00
764.000	Food Supplies Expense	274.28	4.11	300.00	250.00
<i>Account Classification Total: Sup - Supplies</i>		7,046.01	8,159.04	9,300.00	10,900.00
<i>OSC - Other Services & Charges</i>					
801.010	Contractual Services Misc	228,463.15	254,900.38	258,500.00	280,000.00
805.060	Professional Services Bank Service Fee	12.00	-	-	-
805.070	Professional Services Audit Fees	5,500.00	5,700.00	6,000.00	6,000.00

Account Number	Account Description	2019 Actual Amount	2020 Actual Amount	2021 Amended Budget	2022 Department Request
810.000	Administrative Fees Expense	31,400.00	55,830.00	56,000.00	56,000.00
813.010	Legal Fees Misc	-	-	3,000.00	3,000.00
820.010	Interpreter Fees Misc	8.44	306.39	-	200.00
835.020	Medical Services Employee Physical Exams	1,060.00	170.00	1,000.00	1,000.00
835.030	Medical Services Drug Testing	-	1,570.00	750.00	750.00
850.030	Communications Telephone Service	29,428.87	51,496.54	50,000.00	52,000.00
850.060	Communications Internet Service	8,226.92	1,865.74	2,000.00	2,000.00
850.070	Communications Copying	1,558.16	440.32	1,500.00	1,000.00
850.080	Communications Mailing	243.05	246.89	400.00	17,000.00
870.010	Travel Expense Other	8,633.49	972.32	9,000.00	12,000.00
870.020	Travel Expense Mileage	2,146.44	204.82	2,000.00	1,500.00
870.030	Travel Expense Training	1,604.00	848.00	5,000.00	2,500.00
871.010	Education Expense	3,304.15	1,677.41	2,000.00	2,000.00
900.000	Printing Expense	104.21	-	300.00	3,500.00
905.000	Advertising Expense	1,040.46	513.81	750.00	2,500.00
915.000	Subscription Fees Expense	3,141.50	2,894.00	3,200.00	3,500.00
920.010	Utilities Gas	2,694.37	2,361.95	2,000.00	2,750.00
920.020	Utilities Electricity	39,150.71	36,684.73	40,000.00	41,000.00
934.010	Maintenance Equipment	16,258.94	16,031.01	10,000.00	17,000.00
940.030	Rentals Building/Office	30,208.80	34,639.20	35,000.00	35,000.00
955.000	Miscellaneous Operating Expense	4,182.39	10,108.07	9,000.00	9,000.00
958.010	Insurance Premium	27,688.00	27,301.00	30,000.00	28,547.00
<i>Account Classification Total: OSC - Other Services & Charges</i>		446,058.05	506,762.58	527,400.00	579,747.00
<i>CO - Capital Outlay</i>					
980.000	Equipment Equipment	108,721.31	31,403.37	93,500.00	60,000.00
980.010	Equipment Small Equipment	35,940.85	34,189.55	24,000.00	35,000.00
<i>Account Classification Total: CO - Capital Outlay</i>		144,662.16	65,592.92	117,500.00	95,000.00
<i>DS - Debt Service</i>					
991.010	Loans Principal	180,238.00	356,932.97	84,600.00	87,600.00
991.020	Loans Interest	-	22,550.64	8,600.00	8,600.00
<i>Account Classification Total: DS - Debt Service</i>		180,238.00	379,483.61	93,200.00	96,200.00
Business Unit Total: 2911 - Dispatch Operations		3,324,915.69	3,706,060.76	3,353,378.00	3,731,194.43
Division Total: 901 - Operations		3,324,915.69	3,706,060.76	3,353,378.00	3,731,194.43
Department Total: 90 - Dispatch Authority		3,324,915.69	3,706,060.76	3,353,378.00	3,731,194.43
EXPENSES Total		3,324,915.69	3,706,060.76	3,353,378.00	3,731,194.43

Account Number	Account Description	2019 Actual Amount	2020 Actual Amount	2021 Amended Budget	2022 Department Request
	Fund REVENUE Total: 261 - CCCDA	2,819,591.93	3,604,263.84	3,353,378.00	3,731,194.43
	Fund EXPENSE Total: 261 - CCCDA	3,324,915.69	3,706,060.76	3,353,378.00	3,731,194.43
	Fund Total: 261 - CCCDA	(505,323.76)	(101,796.92)	-	-

Account Number	Account Description	2019 Actual Amount	2020 Actual Amount	2021 Amended Budget	2022 Department Request
Fund: 261 - CCCDA					
REVENUES					
Department: 90 - Dispatch Authority					
Division: 902 - Training					
Business Unit: 2912 - CCCDA Training					
<i>Chrg Serv - Charges for Services</i>					
615.010	Surcharges State	25,732.91	17,467.10	35,000.00	25,000.00
NEW	400.05 Carry over				13,900.00
<i>Account Classification Total: Chrg Serv - Charges for Services</i>		25,732.91	17,467.10	35,000.00	38,900.00
Business Unit Total: 2912 - CCCDA Training		25,732.91	17,467.10	35,000.00	38,900.00
Division Total: 902 - Training		25,732.91	17,467.10	35,000.00	38,900.00
Department Total: 90 - Dispatch Authority		25,732.91	17,467.10	35,000.00	38,900.00
REVENUES Total		25,732.91	17,467.10	35,000.00	38,900.00
EXPENSES					
Department: 90 - Dispatch Authority					
Division: 902 - Training					
Business Unit: 2912 - CCCDA Training					
<i>PS - Personnel Services</i>					
702.020	Salaries Regular	-	-	10,000.00	10,000.00
702.030	Salaries Overtime	-	6,334.85	-	-
<i>Account Classification Total: PS - Personnel Services</i>		-	6,334.85	10,000.00	10,000.00
<i>FB - Fringe Benefit</i>					
720.010	Insurance Benefits Hospitalization	-	733.14	-	800.00
720.020	Insurance Benefits Dental	-	49.82	-	75.00
720.030	Insurance Benefits Vision	-	19.31	-	25.00
720.040	Insurance Benefits Life	-	3.35	-	10.00
721.000	Social Security Expense	-	476.91	-	550.00
725.020	Retirement CCCDA MERS DC	-	392.57	-	440.00
<i>Account Classification Total: FB - Fringe Benefit</i>		-	1,675.10	-	1,900.00
<i>OSC - Other Services & Charges</i>					
870.010	Travel Expense Other	8,247.41	279.33	7,000.00	9,000.00
870.020	Travel Expense Mileage	2,222.78	480.02	3,000.00	3,000.00
870.030	Travel Expense Training	15,262.72	7,721.60	15,000.00	15,000.00
<i>Account Classification Total: OSC - Other Services & Charges</i>		25,732.91	8,480.95	25,000.00	27,000.00
Business Unit Total: 2912 - CCCDA Training		25,732.91	16,490.90	35,000.00	38,900.00
Division Total: 902 - Training		25,732.91	16,490.90	35,000.00	38,900.00
Department Total: 90 - Dispatch Authority		25,732.91	16,490.90	35,000.00	38,900.00

Account Number	Account Description	2019 Actual Amount	2020 Actual Amount	2021 Amended Budget	2022 Department Request
	EXPENSES Total	25,732.91	16,490.90	35,000.00	38,900.00
	Fund REVENUE Total: 261 - CCCDA	25,732.91	17,467.10	35,000.00	38,900.00
	Fund EXPENSE Total: 261 - CCCDA	25,732.91	16,490.90	35,000.00	38,900.00
	Fund Total: 261 - CCCDA	-	976.20	-	-

**CALHOUN COUNTY CONSOLIDATED DISPATCH AUTHORITY
GOVERNING BOARD OF DIRECTORS
Board Policies and Practices**

CCDA Approved: August 10, 2010

FUND BALANCE AND RESERVES POLICY

PURPOSE

To establish appropriate levels of reserves within various funds and fund types of CCCDA. The levels described in this policy are designed to ensure that adequate cash flows are maintained for operations, that adequate reserves are maintained for contingency and emergency expenditures, and that adequate fund levels are maintained for the continuation of the services provided by CCCDA.

POLICY

CCDA shall strive to maintain an unreserved fund balance between 20 and 25% of the average annual general operating expenditures of the previous three (3) fiscal years.

<u>2022 Fiscal Year Budget and Fund Balance Status</u>		
UNRESERVED FUND BALANCE		
2018	Operating Expenditures	\$3,906,868
2019	Operational Expenditures	\$3,350,636
2020	Operational Expenditures	\$3,722,551
	Total expenditures over last 3 years	\$10,980,055
	Average expenditures over last 3 years	\$3,660,018
		Fiscal Reserve:
	Policy minimum:	20% \$732,003
	Policy maximum:	25% \$915,004
	Unassigned Fund balance as of 12/31/2020	\$864,569
	(-) Projected unassigned fund balance use in FY 2021	\$0
	(=) Projected FY 2022 beginning unassigned fund balance	\$864,569
	Projected Fund Balance Use for FY 2022	\$164,986

In addition to the unassigned fund balance above, CCCDA currently has the following cash assets reserved for specific purposes:

- \$62,119 Training Fund (audited amount at close of FY 2020).
- \$350,000 assigned for future capital projects and/or additional contribution to MERS.*
- \$0 Benefits Fund 699 (projected at end of FY 2021).
- \$0 projected unassigned carry-over from FY 2021.

**Assigned fund balanced decreased to \$350,000 to comply with policy.*

This results in combined projected fund balances for all funds of \$1,111,702. These figures will be confirmed with the audit of the current fiscal year.

2022 Benefit Costs and Employer Cost Sharing

As you may know, the Publicly Funded Health Insurance Act (Public Act 152) was approved by the Governor on September 24, 2011. This Act limits the amount public employers, including CCCDA, can contribute toward employee health care plans. For 2022, the CCCDA is compliant with the hard-cap limits prescribed under PA 152.

The total costs (illustrated rates) of the health care plans for 2022 are provided below, along with the Employer portion of the rates. The Employee rates associated with each plan will appear on the E-Benefits online portal when you access the system to make your open enrollment elections. The Employer rates you see displayed on the E-Benefits system will be higher than the rates below because they include additional costs for budgeting purposes, such as the Wellness Program, HelpNet, Flex Spending Administration, etc...

2022 Total Monthly Costs and Employer Cost Sharing					
Plan	Option	2022 Total Monthly Costs	Employer Monthly Cost	Employee Monthly Cost	Employee Cost Per Pay Period
Community Blue PPO 250					
Standard Plan	Single	\$696.64	\$543.38	\$153.26	\$70.74
	Dual	\$1,456.88	\$1,136.37	\$320.51	\$147.93
	Family	\$1,899.92	\$1,481.94	\$417.98	\$192.91
HSA PPO 3000					
HSA funding of \$2,025 Single, \$4,050 Family	Single	\$601.63	\$575.74	\$25.97	\$11.99
	Dual	\$1,242.79	\$1,188.47	\$54.32	\$25.07
	Family	\$1,518.09	\$1,447.25	\$70.84	\$32.69

Date: August 26, 2021
To: MERS Regional Staff
From: MERS Actuarial Staff
Re: Calhoun Co Conso Dispatch Auth (1316) – All Divisions

The purpose of this estimate is to illustrate the contributions needed to maintain a minimum 5-year average funded ratio of 95%. Please note one of the requirements to achieve these estimates was that this average be based on an adjusted funded ratio as of the valuation date that accounts for additional contributions made in the succeeding calendar year (immediately following the publishing of future annual actuarial valuations). These are shown in the column after the “true” valuation funded ratios, and their 5-year average in the next column.

Calhoun Co Conso Dispatch Auth (1316)							
Valuation Year Ending 12/31	Fiscal Year Beginning 1/1	Actuarial Accrued Liability	Valuation Assets	Valuation Funded Percentage	Adjusted Funded Percentage**	5-Year Trailing Average of Adjusted Funded Percentage	Total Assumed Annual Employer Contribution
7.35%^ - NO PHASE-IN - Adopted 2020 Demographic Assumptions*					103%		
					103%		
2018	2020	6,820,551	6,440,000	94%	95%	105%	255,000
2019	2021	\$ 7,485,720	\$ 6,570,000	88%	90%	99%	\$ 665,000
2020	2022	8,222,497	6,980,000	85%	90%	96%	665,000
2021	2023	8,410,000	7,730,000	92%	97%	95%	665,000
2022	2024	8,630,000	8,510,000	99%	104%	95%	36,000
2023	2025	8,850,000	9,500,000	107%	107%	98%	35,000
2024	2026	9,090,000	9,900,000	109%	109%	101%	35,000
2025	2027	9,330,000	10,210,000	109%	109%	105%	32,000

Notes: ^The Interest Discount Rate and Future Investment Return Assumption

*The Actuarial Accrued Liability shown as of 12/31/2018 is based on the old economic assumptions that were in effect.

*The Actuarial Accrued Liability shown as of 12/31/2019 is based on the new economic assumptions that went into effect.

*The Actuarial Accrued Liability starting 12/31/2020 is based on the new economic and demographic assumptions now in effect.

**Additional contributions in the calendar year immediately following the valuation date were discounted back to 12/31, converted to actuarial value assets, then added to the valuation assets to determine the adjusted funded percentage.

The employer contributions shown in the 2024-2027 fiscal years are based on estimated employer normal cost.

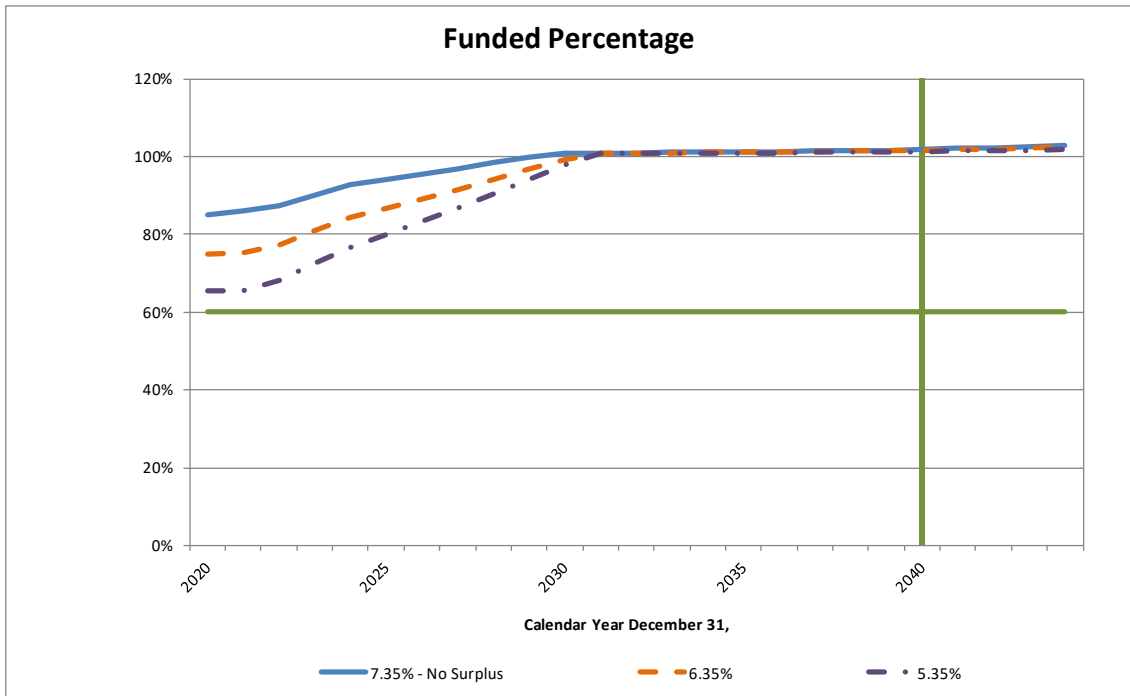
Important Comments

- This document is not a final actuarial report. The contribution amounts and rates in this document are estimates (not actual contribution amounts or rates) and are for illustrative purposes only. Neither the employer, nor any other party receiving or reviewing this document may rely on these calculations as indicative of future contribution amounts or rates. By requesting and accepting this document, the employer agrees that MERS shall have no liability arising out of the provision of these amounts and rates, and agrees to indemnify MERS for any liability arising from same due to the provision of this letter or any information therein to any other party or individual. Pursuant to MCL 38.1140h and Sections 44 and 45 of the MERS Plan Document, the System's Actuary shall complete a supplemental actuarial report before the employer implements any proposed benefit change for any current plan participants.
- The above results are mathematical estimates of future events based on information provided/available and assumptions that may not materialize. Subsequent measurements may differ, possibly materially, from these estimates due to differences in assumptions, methods, plan demographics, provisions and assets/returns, or other new information. Future costs and those associated with potential plan changes will change depending on actual experience that emerges. The estimates do not reflect the ongoing impact of COVID-19 subsequent to December 31, 2020, which is likely to influence plan experience.
- The results are based on the same plan provisions, financial and demographic data, and actuarial assumptions and methods underlying the December 31, 2020 Annual Actuarial Valuation except where otherwise noted. Employer contributions through the start of the applicable fiscal year were not adjusted or recalculated as a result of the proposed change(s).
- For a detailed description of the actuarial assumptions and funding methods used in the annual valuation please refer to its [Appendix](#) on the MERS website. In addition, please refer to the [Actuarial Policy](#) adopted by the MERS Retirement Board.

Valuation Year Ending 12/31	Fiscal Year Beginning 1/1	Actuarial Accrued Liability	Valuation Assets ²	Funded Percentage	Estimated Annual Employer Contribution
7.35%¹ - NO PHASE-IN					
2020	2022	\$ 8,222,497	\$ 6,976,795	85%	\$ 201,660
2021	2023	\$ 8,410,000	\$ 7,240,000	86%	\$ 200,000
2022	2024	\$ 8,630,000	\$ 7,540,000	87%	\$ 207,000
2023	2025	\$ 8,850,000	\$ 7,980,000	90%	\$ 194,000
2024	2026	\$ 9,090,000	\$ 8,420,000	93%	\$ 186,000
2025	2027	\$ 9,330,000	\$ 8,780,000	94%	\$ 188,000
6.35%¹ - NO PHASE-IN					
2020	2022	\$ 9,321,374	\$ 6,976,795	75%	\$ 350,148
2021	2023	\$ 9,520,000	\$ 7,180,000	75%	\$ 355,000
2022	2024	\$ 9,740,000	\$ 7,540,000	77%	\$ 366,000
2023	2025	\$ 9,970,000	\$ 8,070,000	81%	\$ 359,000
2024	2026	\$ 10,200,000	\$ 8,600,000	84%	\$ 355,000
2025	2027	\$ 10,400,000	\$ 9,060,000	87%	\$ 361,000
5.35%¹ - NO PHASE-IN					
2020	2022	\$ 10,661,780	\$ 6,976,795	65%	\$ 519,744
2021	2023	\$ 10,900,000	\$ 7,110,000	65%	\$ 532,000
2022	2024	\$ 11,100,000	\$ 7,560,000	68%	\$ 548,000
2023	2025	\$ 11,300,000	\$ 8,200,000	72%	\$ 547,000
2024	2026	\$ 11,600,000	\$ 8,850,000	77%	\$ 548,000
2025	2027	\$ 11,800,000	\$ 9,420,000	80%	\$ 558,000

¹ Represents both the interest rate for discounting liabilities and the future investment return assumption on the Market Value of assets.

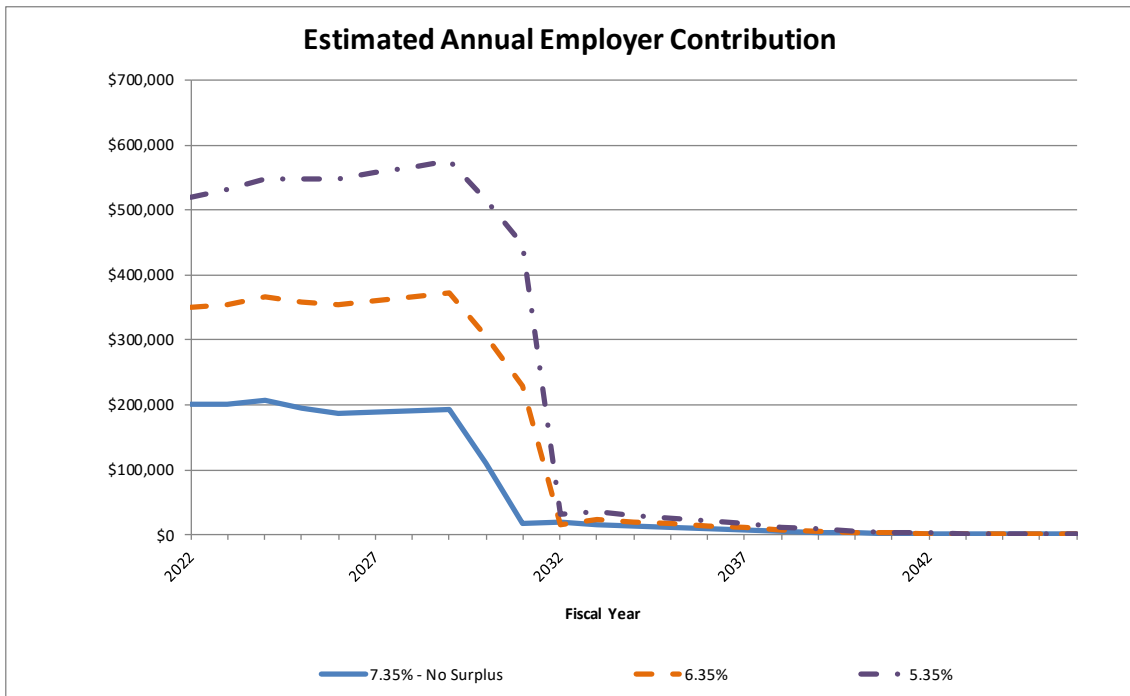
² Valuation Assets do not include assets from Surplus divisions, if any.



Notes:

All projected funded percentages are shown with no phase-in.

The green indicator lines have been added at 60% funded and 20 years following the valuation date for PA 202 purposes.



Notes:

All projected contributions are shown with no phase-in.

Table 1: Employer Contribution Details for the Fiscal Year Beginning January 1, 2022

Division	Total Normal Cost	Employee Contribut. Rate	Employer Contributions ¹			Computed Employer Contribut. With Phase-In	Blended ER Rate No Phase-In ⁵	Blended ER Rate With Phase-In ⁵	Employee Contribut. Conversion Factor ²
			Employer Normal Cost ⁶	Payment of the Unfunded Accrued Liability ⁴	Computed Employer Contribut. No Phase-In				
Percentage of Payroll									
01 - Administrators	0.00%	2.00%	-	-	-	-	-	-	-
10 - Supervisors & Deputy Director	14.31%	4.16%	-	-	-	-	-	-	-
11 - Emergency Telecom	14.50%	7.30%	-	-	-	-	-	-	-
Estimated Monthly Contribution³									
01 - Administrators			\$ 0	\$ 1,139	\$ 1,139	\$ 902			
10 - Supervisors & Deputy Director			1,909	5,258	7,167	5,196			
11 - Emergency Telecom			1,097	7,402	8,499	4,656			
Total Municipality			\$ 3,006	\$ 13,799	\$ 16,805	\$ 10,754			
Estimated Annual Contribution³			\$ 36,072	\$ 165,588	\$ 201,660	\$ 129,048			

- ¹ The above employer contribution requirements are in addition to the employee contributions, if any.
- ² If employee contributions are increased/decreased by 1.00% of pay, the employer contribution requirement will decrease/increase by the Employee Contribution Conversion Factor. The conversion factor is usually under 1%, because employee contributions may be refunded at termination of employment, and not used to fund retirement pensions. Employer contributions will all be used to fund pensions.
- ³ For divisions that are open to new hires, estimated contributions are based on projected fiscal year payroll. Actual contributions will be based on actual reported monthly pays, and will be different from the above amounts. For divisions that will have no new hires (i.e., closed divisions), invoices will be based on the above dollar amounts which are based on projected fiscal year payroll. See description of Open Divisions and Closed Divisions in the Appendix.
- ⁴ Note that if the overfunding credit is larger than the normal cost, the full credit is shown above but the total contribution requirement is zero. This will cause the displayed normal cost and unfunded accrued liability contributions to not add across.
- ⁵ For linked divisions, the employer will be invoiced the Computed Employer Contribution No Phase-in rate shown above for each linked division (a contribution rate for the open division; a contribution dollar for the closed-but-linked division), unless the employer elects to contribute the Blended Employer Contribution rate shown above, by contacting MERS at 800-767-MERS (6377).
- ⁶ For divisions with a negative employer normal cost, employee contributions cover the normal cost and a portion of the payment of any unfunded accrued liability.

Please see the Comments on Asset Smoothing in the Executive Summary of this report.



**Table 6: Actuarial Accrued Liabilities and Valuation Assets
as of December 31, 2020**

Division	Actuarial Accrued Liability					Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
	Active Employees	Vested Former Employees	Retirees and Beneficiaries	Pending Refunds	Total			
01 - Administrators	\$ 0	\$ 0	\$ 324,509	\$ 0	\$ 324,509	\$ 223,982	69.0%	\$ 100,527
10 - Supervisors & Deputy Director	1,101,025	344,270	1,279,605	0	2,724,900	2,260,605	83.0%	464,295
11 - Emergency Telecom	863,876	347,654	3,936,577	24,981	5,173,088	4,492,208	86.8%	680,880
Total	\$ 1,964,901	\$ 691,924	\$ 5,540,691	\$ 24,981	\$ 8,222,497	\$ 6,976,795	84.9%	\$ 1,245,702

Please see the Comments on Asset Smoothing in the Executive Summary of this report.

The December 31, 2020 valuation assets (actuarial value of assets) are equal to 0.972357 times the reported market value of assets. Refer to the Appendix for a description of the valuation asset derivation and a detailed calculation of valuation assets.

