"How Much Funding Do You Need?"

Estimating Your Costs, & Other Considerations for Public Funding



Chip Decker
Chief Executive Officer
Richmond Ambulance Authority
Richmond, VA



Linda Frederiksen *Executive Director* MEDIC EMS Davenport, IA



Jonathan D. Washko AVP, Center for EMS Northwell Health Syosset, NY



Matt Zavadsky Chief Transformation Officer MedStar Mobile Healthcare Fort Worth, TX



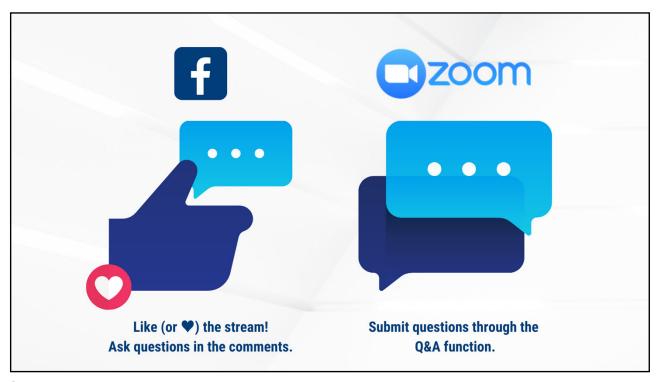
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Thanks to Our Partners!











About AIMHI



ORGANIZATIONS WITH HIGH PERFORMANCE DESIGN FEATURES

- · Sole provider
- · Externally accountable
- · Full cost accounting
- Control center operations
- · Revenue maximization
- Flexible production strategy
- Dynamic Resource Management

VISION

To improve patient health and experience of care by promoting excellence in mobile healthcare system effectiveness and efficiency.

FORMERLY

Coalition of Advanced Emergency Medical Systems (CAEMS)

National Association of Public Utility Models

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CURRENT AIMHI MEMBERS

Emergency Health
Service
Halifax, NS

Emergency Medical Services Authority Tulsa & Oklahoma City, OK

Mecklenburg EMS
Agency
Charlotte, NC

Medic Ambulance Vallejo, CA

MEDIC Emergency Medical Services Davenport, IA

MedStar Mobile Healthcare Fort Worth, TX

Metropolitan
Emergency Medical
Services
Little Rock, AR

New Hanover EMS Wilmington, NC

Niagara Emergency Medical Services Niagara-On-The-Lake, ON

Northwell Health Center for EMS Syosset, NY Pinellas County EMS
Authority/Sunstar
Paramedics
Largo, FL

Pro EMSCambridge, MA

Regional EMS Authority Reno, NV Richmond Ambulance Authority Richmond, VA

Three Rivers
Ambulance
Authority
Fort Wayne, IN

Learn more about membership at www.aimhi.mobi!

EMS services sound the alarm over financial crisis as demand for care increases

by CBS 21 News Monday, June 6th 2022

Lawmakers hear of 'silent crisis' impacting EMS

By Mike Nolting May 22, 2022

MetroNews
THE VOICE OF WEST VIRGINIA

'We're way past crippling': EMS officials tell of funding, staffing woes to area county commissioners

By Sean P. Ray
May 17, 2022

The Meadville Tribune
MEADVILLETRIBUNE.COM

HSHS to close Decatur Ambulance Service on Sept. 1

Brenden Moore 6/27/22

Herald&Review

What if you call 911 and no one comes?

Inside the collapse of America's emergency medical services.

By Erika Edwards

Oct. 22 2019



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2 new Ind. laws change how insurers, Medicaid pay EMS agencies

Private insurers will have to negotiate prices directly with ambulance service providers, and Medicaid reimbursement rates will go up

April 6, 2022

WISHTV COM8:

Pa. House to consider bill to raise EMS reimbursement rates

Medicaid ALS reimbursement would increase from \$300 to \$400 per trip, and BLS would increase from \$180 to \$325 per trip
May 31, 2022
Northcentral PA.com

More funding announced for emergency medical service programs throughout Maryland

The funding will offset costs from emergency medical services that delivered emergency medical care and transportation services to Medicaid participants between Oct. 1, 2020, through June 30, 2021.

June 8th, 2022 2_{® BALTIMORE}

W.Va. allocates \$10M to bolster EMS staffing

The initiative includes a recruiting campaign, no-cost trainings and giving current providers equipment and supplies June 15, 2022 AP NEWS



How Are Governments Using ARPA Funds? So Far, Very Slowly

Congress responded to the COVID crisis by allocating unprecedented sums to help cities and states recover. Early data about how they are using the money suggests that big spends can have complications. Carl Smith

June 21, 2022

How are governments using the \$350 billion in the Coronavirus State and Local Fiscal Recovery Funds program (SLFRF)? So far, they haven't used most of it for anything, according to an analysis from the University of Illinois Chicago's Government Finance Research Center (GFRC).

Data released this month by the Treasury Department encompasses spending by almost 1,800 states, territories and large cities and counties as of the end of December 2021. GFRC found by that time they had obligated just 28 percent of \$208 billion in the first tranche of SLFRF aid made available to them.

"This is a historic, once-in-a-generation scale of investment," he says. The question is how quickly governments not accustomed to this level of funding can respond to the opportunity, and how well they can use it to stand up programs to respond to needs they have not been able to address successfully in the past," says Amanda Kass, associate director of the GFRC.



GOVERNING
THE FUTURE OF STATES AND LOCALITIES

https://www.governing.com/finance/how-are-governments-using-arpa-funds-so-far-very-slowly

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Key Considerations Image Credit: Earl's Plumbing Image Credit: Earl's Plumbing

Sources of Funding

- Short-Term
 - o Grants
 - Capital Purchase
 - Fundraisers
 - One-Time Allocations
- Long-Term



Image Credit: Rand.org

- FFS Reimbursement Increases (more than just rate increases)
 - Medicare/Medicaid
 - · Commercial Insurers
- Tax Subsidy
 - Property
 - Sales



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LAW WITHOUT
GOVERNOR'S
SIGNATURE

HUV 15 2021

RESOLVES

RESOLVES

STATE OF MAINE

IN THE YEAR OF OUR LORD TWO THOUSAND TWENTY-ONE

H.P. 1085 - L.D. 1469

Resolve, To Provide Add-on Payments for Ambulance Services Reimbursed by the MaineCare Program and To Increase Reimbursement Rates for Physical Therapy under the MaineCare Program

Sec. 1. Department of Health and Human Services to apply Medicare addous to Maine-Care rates for ambulance services. Resolved: That, no later than October 1, 2021, the Department of Health and Human Services stall amend fits rules in Chapter 101 Maine-Care Benefits Manual, Chapter III. Section 3, Ambulance Services to provide additional add-on supplements for ambulance services that are equivalent section 195/m0/1. The department hall ture the same geographic in codes applicable for rural, urban and upper rural payments as established by 42 United States Code. Section 1955/m0/1 are leafed federal rules. Bales adopted pursuants to this section are routine technical rules as defined in the Maine Revised Statutes, Title 5, chapter 375, subchapter 2-A.

Sec. 2. Cost-based reimbursement work group for ambulance service. Resolved: That the Department of Health and Human Services shall convene a wo group to consider the feasibility and cost of implementing cost-based reimbursement for ambulance services provided to Munica Can nembers. The work group must incluse representatives of the Emergency Sedical Services Board within the Department of Publications of the Company of th

legislation related to the recommendations.

Sec. 3. Department of Health and Human Services to increase Maine-Care reimbursement rates for physical therapy. Resolved: That, no later than Octobe 1, 2031, the Department of Health and Human Services shall amend it miles in Chapter 101. Maine-Care Benefits Manual, Chapter III, Section 85, Physical Therapy Services, to More and Town of the Chapter III, Section 85, Physical Therapy Services, to General Therapy Services, to Referred the Chapter III, Section 85, Physical Therapy services to no less than 37% of the Geleral Medicare reimbursement rate for these services as long as the rate is no lower than the rate reimburse as of Manuary 1, 2017. Rules adopted pursuants this necession are continued to the control of the services as the services

Sec. 1. Department of Health and Human Services to apply Medicare addons to MaineCare rates for ambulance services. Resolved: That, no later than October 1, 2021, the Department of Health and Human Services shall amend its rules in Chapter 101: MaineCare Benefits Manual, Chapter III, Section 5, Ambulance Services, to provide additional add-on supplements for ambulance services that are equivalent to payments required under Medicare ambulance services under 42 United States Code, Section 1395m(l). The department shall use the same geographic zip codes applicable for rural, urban and super rural payments as established by 42 United States Code, Section 1395m(l) and related federal rules. Rules adopted pursuant to this section are routine technical rules as defined in the Maine Revised Statutes, Title 5, chapter 375, subchapter 2-A.

Sec. 2. Cost-based reimbursement work group for ambulance services. Resolved: That the Department of Health and Human Services shall convene a work group to consider the feasibility and cost of implementing cost-based reimbursement for ambulance services provided to MaineCare members. The work group must include representatives of the Emergency Medical Services' Board within the Department of Public Safety, the Maine Ambulance Association and ambulance providers. The department shall submit a report, with recommendations, to the Joint Standing Committee on Health and Human Services no later than January 15, 2022. The committee is authorized to report out legislation related to the recommendations.



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Expense Analysis - Basic

= User Entered Fields Agency: Anytown, USA Auto-Calculated/Protected Fields Notes:

		Notes.
Population	40,000	Total population served
Annual Ambulance Unit Hours	8,760	Total Ambulance on-duty hours/yr (i.e.: 1 Ambulance 24/7 is 24 * 365 = 8,760)
EMS Calls/Yr	2,000	Annual EMS responses in which an ambulance was dispatched
EMS Transports/Yr	1,401	Annual ambulance transports
UH/U	0.160	Annual ambulance transports divided by annual unit hours



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Expense Analysis - Basic

Per Ambulance

Number of FTEs required to be hired to staff the ambulance(s) Cost/FTE 80,000 All costs, pay, benefits, uniform, personal equipment, pension costs, etc.

Personnel cost 560,000 FTEs * Personnel cost

Ambulance 250,000 Cost of the ambulance, delivered 65,000 Cot, monitor, etc. Equipment Cost 315,000 Total costs Useful Life/Years Depreciation expense Count of ambulances in the fleet Number of Ambulances 1

Ambulance Cost 63,000 Annual cost of each ambulance

Other

20,000 Annual allocated or actual cost of maintenance Maintenance

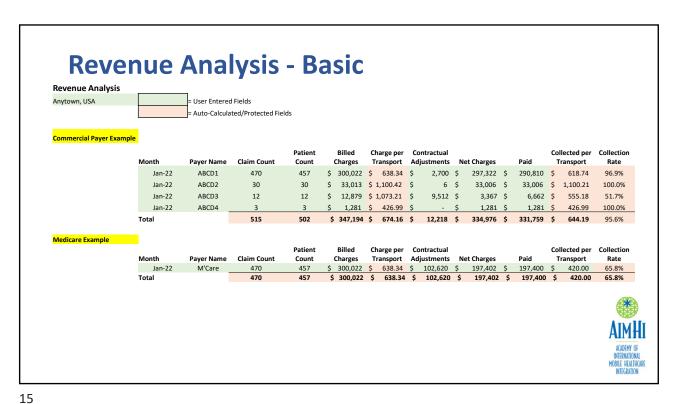
25,000 Annual cost of fuel Fuel

21,750 Annual cost of disposable supplies and drugs Supplies

Total Annual 689,750

Cost/UH 78.74 Total costs divided by annual unit hours Cost/Response **229.92** Total costs divided by annual <u>responses</u> Cost/Transport 328.45 Total costs divided by annual transports





Revenue Analysis - Basic

					% of	Collection
\$1,500 Average Charge	Services	Billed	% of Billed	Collected	Collected	Rate
Commercial Insurance	298	\$447,620	21.3%	\$313,334	50.2%	70.0%
Medicare	324	\$485,447	23.1%	\$121,362	19.4%	25.0%
Medicaid	115	\$172,323	8.2%	\$34,465	5.5%	20.0%
Facility	62	\$92,466	4.4%	\$64,726	10.4%	70.0%
Private Pay	604	\$905,747	43.1%	\$90,575	14.5%	10.0%
Total	1,402	\$2,103,602	100.0%	\$624,461	100.0%	29.7%



Payer

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Economic Analysis - Basic Agency Name: Anytown, USA

Total Annual Costs \$689,750
Total Annual Revenue \$624,461
Net Retained Earnings (\$65,289)

Responses2,000Cost per Response\$344.88Revenue per Response\$312.23Net Retained Earnings(\$32.64)

Transports 1,401
Cost per Transport \$492.33
Revenue per Transport \$445.73
Net Retained Earnings (\$46.60)

Unit Hours 8,760
Cost per Unit Hour \$78.74
Revenue per Unit Hour \$71.29
Net Retained Earnings (\$7.45)



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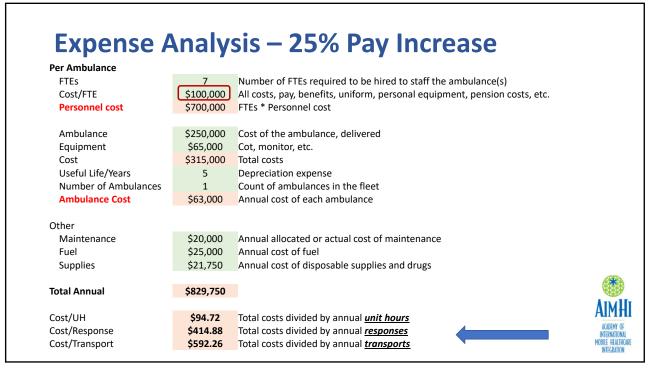
Revenue Analysis – Reimbursement Increase

					% of	Collection
\$1,500 Average Charge	Services	Billed	% of Billed	Collected	Collected	Rate
Commercial Insurance	298	\$447,620	21.3%	\$313,334	50.2%	70.0%
Medicare	324	\$485,447	23.1%	\$121,362	19.4%	25.0%
Medicaid	115	\$172,323	8.2%	\$34,465	5.5%	20.0%
Facility	62	\$92,466	4.4%	\$64,726	10.4%	70.0%
Private Pay	604	\$905,747	43.1%	\$90,575	14.5%	10.0%
Total	1,402	\$2,103,602	100.0%	\$624,461	100.0%	29.7%

						Payer
					% of	Collection
Reimbursement Increase	Services	Billed	% of Billed	Collected	Collected	Rate
Commercial Insurance	298	\$238,730	11.3%	\$214,857	34.4%	90.0%
Medicare	324	\$485,447	23.1%	\$242,723	38.9%	50.0%
Medicaid	115	\$172,323	8.2%	\$86,162	13.8%	50.0%
Facility	62	\$92,466	4.4%	\$64,726	10.4%	70.0%
Private Pay	604	\$905,747	43.1%	\$90,575	14.5%	10.0%
Total	1,402	\$1,894,712	90.1%	\$699,043	111.9%	36.9%



Agency Name:	Anytown, USA			
		Reimbursement Increase		
Total Annual Costs	\$689,750	Total Annual Costs	\$689,750	
Total Annual Revenue	\$624,461	Total Annual Revenue	\$699,043	
Net Retained Earnings	(\$65,289)	Net Retained Earnings	\$9,293	
Responses	2,000	Responses	2,000	
Cost per Response	\$344.88	Cost per Response	\$344.88	
Revenue per Response	\$312.23	Revenue per Response	\$349.52	
Net Retained Earnings	(\$32.64)	Net Retained Earnings	\$4.65	
Transports	1,401	Transports	1,401	
Cost per Transport	\$492.33	Cost per Transport	\$492.33	
Revenue per Transport	\$445.73	Revenue per Transport	\$498.96	
Net Retained Earnings	(\$46.60)	Net Retained Earnings	\$6.63	
Unit Hours	8,760	Unit Hours	8,760	
Cost per Unit Hour	\$78.74	Cost per Unit Hour	\$78.74	Λ
Revenue per Unit Hour	•	Revenue per Unit Hour	\$79.80	F
Net Retained Earnings	(\$7.45)	Net Retained Earnings	\$1.06	



Economic Analysis – 25% Pay Increase

	Reimbursement increase	
\$829,750	Total Annual Costs	\$829,750
\$624,461	Total Annual Revenue	\$699,043
(\$205,289)	Net Retained Earnings	(\$130,707)
2,000	Responses	2,000
\$414.88	Cost per Response	\$414.88
\$312.23	Revenue per Response	\$349.52
(\$102.64)	Net Retained Earnings	(\$65.35)
1,401	Transports	1,401
\$592.26	Cost per Transport	\$592.26
\$445.73	Revenue per Transport	\$498.96
(\$146.53)	Net Retained Earnings	(\$93.30)
8,760	Unit Hours	8,760
\$94.72	Cost per Unit Hour	\$94.72
\$71.29	Revenue per Unit Hour	\$79.80
(\$23.43)	Net Retained Earnings	(\$14.92)
	\$624,461 (\$205,289) 2,000 \$414.88 \$312.23 (\$102.64) 1,401 \$592.26 \$445.73 (\$146.53) 8,760 \$94.72 \$71.29	\$829,750 \$624,461 Total Annual Costs \$624,461 Total Annual Revenue Responses 2,000 Responses \$414.88 Cost per Response \$312.23 Revenue per Response Response 1,401 Transports \$592.26 Cost per Transport \$445.73 Revenue per Transport Revenue per Transport \$445.73 Revenue per Transport Met Retained Earnings 1,401 Transports Cost per Transport Cost per Transport Revenue per Unit Hour Revenue per Unit Hour



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Costs Based on Level of Service Delivery

response	Tillie. 7 Illillates @ 5	070, 3 minutes w	average, All ALS			
		Staffed Unit		Unit Hour	Unit Hour	Annual Unit
Station	Unit Type	Hours	Total Runs	Utilization	Expense	Expense
1	ALS Ambulance	8,760	1,471	0.168	\$171.98	\$1,506,545
2	ALS Ambulance	8,760	1,127	0.129	\$171.98	\$1,506,545
3	ALS Ambulance	8,760	904	0.103	\$171.98	\$1,506,545
4	ALS Ambulance	8,760	1,267	0.145	\$171.98	\$1,506,545
Total		35,040	4,769	0.136	\$171.98	\$6,026,179
Revenue	@ \$500/Transport					\$1,788,375
Retained	Earnings					(\$4,237,804)

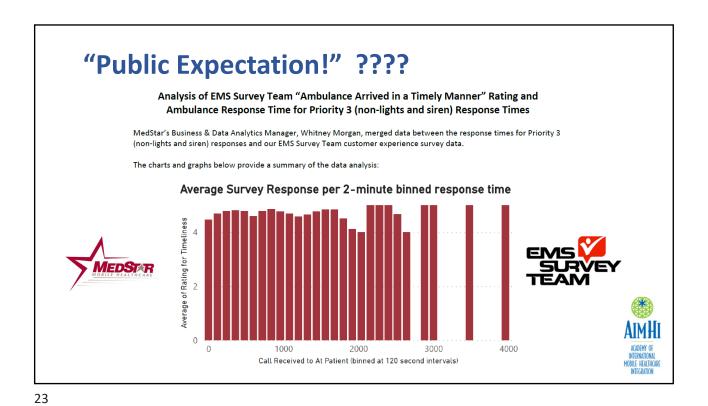
Response	Time: 9 minutes @ 9	0%, 7 minutes @	average; All ALS			
		Staffed Unit		Unit Hour	Unit Hour	Annual Unit
Station	Unit Type	Hours	Total Runs	Utilization	Expense	Expense
1	ALS Ambulance	8,760	1,671	0.191	\$171.98	\$1,506,545
2	ALS Ambulance	8,760	1,580	0.180	\$171.98	\$1,506,545
3	ALS Ambulance	8,760	1,518	0.173	\$171.98	\$1,506,545
Total		26,280	4,769	0.181	\$171.98	\$4,519,634
Savings						\$1,506,545
Revenue	@ \$500/Transport					\$1.788.375



(\$2,731,259)

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Retained Earnings



"Public Expectation!" ????

Count of Rating of 5 versus Time to Patient

Count of Rating of 1 versus Time to Patient

Supplied 150

Call Received to At Patient Binned at 120 seconds

Coefficient: 0.0174607

No correlation between time response and rating on ambulance arriving in a timely manner:

		070) 0 mmade	average; All ALS				
		Staffed Unit		Unit Hour	Unit Hour	Annual Unit	
Station	Unit Type	Hours	Total Runs	Utilization	Expense	Expense	
1	ALS Ambulance	8,760	1,471	0.168	\$171.98	\$1,506,545	
2	ALS Ambulance	8,760	1,127	0.129	\$171.98	\$1,506,545	
3	ALS Ambulance	8,760	904	0.103	\$171.98	\$1,506,545	
4	ALS Ambulance	8,760	1,267	0.145	\$171.98	\$1,506,545	
Total		35,040	4,769	0.136	\$171.98	\$6,026,179	
Revenue	@ \$500/Transport					\$1,788,375	
Revenue Retained						\$1,788,375 (\$4,237,804)	
Retained			average; Tiered		l	(\$4,237,804)	
Retained Response	Earnings Time: 7 minutes @ 9	Staffed Unit		Unit Hour	Unit Hour	(\$4,237,804) Annual Unit	
Retained Response Station	Earnings Time: 7 minutes @ 9 Unit Type	Staffed Unit Hours	Total Runs	Unit Hour Utilization	Expense	(\$4,237,804) Annual Unit Expense	
Retained Response Station	Earnings Time: 7 minutes @ 9 Unit Type ALS Ambulance	Staffed Unit Hours 8,760	Total Runs 1,471	Unit Hour Utilization 0.168	Expense \$171.98	(\$4,237,804) Annual Unit Expense \$1,506,545	
Retained Response Station 1 2	Earnings Time: 7 minutes @ 9 Unit Type ALS Ambulance BLS Ambulance	Staffed Unit Hours 8,760 8,760	Total Runs 1,471 1,127	Unit Hour Utilization 0.168 0.129	Expense \$171.98 \$135.21	(\$4,237,804) Annual Unit Expense \$1,506,545 \$1,184,440	
Retained Response Station 1 2 3	Earnings Time: 7 minutes @ 9 Unit Type ALS Ambulance BLS Ambulance ALS Ambulance	Staffed Unit Hours 8,760 8,760 8,760	Total Runs 1,471 1,127 904	Unit Hour Utilization 0.168 0.129 0.103	Expense \$171.98 \$135.21 \$171.98	(\$4,237,804) Annual Unit Expense \$1,506,545 \$1,184,440 \$1,506,545	
Retained Response Station 1 2	Earnings Time: 7 minutes @ 9 Unit Type ALS Ambulance BLS Ambulance	Staffed Unit Hours 8,760 8,760	Total Runs 1,471 1,127	Unit Hour Utilization 0.168 0.129	Expense \$171.98 \$135.21	(\$4,237,804) Annual Unit Expense \$1,506,545 \$1,184,440	

Staffed Unit Unit Hour Unit Hour Station Unit Type Hours Total Runs Utilization Expense Expense	Response	Time: 7 minutes @ 90)%, 5 minutes @	average; All ALS				
1 ALS Ambulance 8,760 1,471 0.168 \$171.98 \$1,506,545 2 ALS Ambulance 8,760 1,127 0.129 \$171.98 \$1,506,545 3 ALS Ambulance 8,760 904 0.103 \$171.98 \$1,506,545 4 ALS Ambulance 8,760 1,267 0.145 \$171.98 \$1,506,545 Total 35,040 4,769 0.136 \$171.98 \$6,026,179 Revenue @ \$500/Transport \$1,788,375 \$1,788,375 \$1,788,375 Retained Earnings \$1,788,375 \$1,788,375 Response Time: 9 minutes @ 90%, 7 minutes @ average; Tiered Response \$1,788,375 Staffed Unit Unit Hour Unit Hour Annual Unit Station Unit Type Hours Total Runs Utilization Expense Expense 1 ALS Ambulance 8,760 1,580 0.180 \$135.21 \$1,184,440 2 BLS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 Total 26,280 4,769 0.181 \$171.98 \$4,197,529 <th></th> <th></th> <th>Staffed Unit</th> <th></th> <th>Unit Hour</th> <th>Unit Hour</th> <th>Annual Unit</th> <th></th>			Staffed Unit		Unit Hour	Unit Hour	Annual Unit	
2 ALS Ambulance 8,760 1,127 0.129 \$171.98 \$1,506,545 3 ALS Ambulance 8,760 904 0.103 \$171.98 \$1,506,545 4 ALS Ambulance 8,760 1,267 0.145 \$171.98 \$1,506,545 Total 35,040 4,769 0.136 \$171.98 \$6,026,179 Revenue @ \$500/Transport \$1,788,375 Retained Earnings \$\$ Staffed Unit \$\$ Unit Hour \$\$ Staffed Unit \$\$ Unit Hour \$\$ Staffed Unit \$\$ Unit Hour \$\$ Expense \$\$ 1 ALS Ambulance 8,760 1,671 0.191 \$171.98 \$1,506,545 \$1,788,375 \$\$ 2 BLS Ambulance 8,760 1,580 0.180 \$135.21 \$1,184,440 \$\$ 3 ALS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 \$\$ Total \$\$ 26,280 4,769 \$0.181 \$171.98 \$4,197,529 \$\$ \$31,828,650 \$\$\$ \$\$ \$1,828,650 \$\$	Station	Unit Type	Hours	Total Runs	Utilization	Expense	Expense	
3 ALS Ambulance 8,760 904 0.103 \$171.98 \$1,506,545 4 ALS Ambulance 8,760 1,267 0.145 \$171.98 \$1,506,545 Total 35,040 4,769 0.136 \$171.98 \$6,026,179 Revenue @ \$500/Transport \$1,788,375 Retained Earnings \$\$ (\$4,237,804)\$\$ Response Time: 9 minutes @ 90%, 7 minutes @ average; Tiered Response \$1,788,375 \$(\$4,237,804)\$\$ Response Time: 9 minutes @ 90%, 7 minutes @ average; Tiered Response \$1 ALS Ambulance 8,760 1,671 0.191 \$171.98 \$1,506,545 \$2 BLS Ambulance 8,760 1,580 0.180 \$135.21 \$1,184,440 \$3 ALS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 Total \$26,280 4,769 0.181 \$171.98 \$4,197,529 \$\$ Savings	1	ALS Ambulance	8,760	1,471	0.168	\$171.98	\$1,506,545	
4 ALS Ambulance 8,760 1,267 0.145 \$171.98 \$1,506,545 Total 35,040 4,769 0.136 \$171.98 \$6,026,179 Revenue @ \$500/Transport \$1,788,375 Retained Earnings \$(\$4,237,804)\$ Response Time: 9 minutes @ 90%, 7 minutes @ average; Tiered Response Staffed Unit Unit Hour Unit Hour Annual Unit Station Unit Type Hours Total Runs Utilization Expense 1 ALS Ambulance 8,760 1,671 0.191 \$171.98 \$1,506,545 2 BLS Ambulance 8,760 1,580 0.180 \$135.21 \$1,184,440 3 ALS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 Total 26,280 4,769 0.181 \$171.98 \$4,197,529 Savings	2	ALS Ambulance	8,760	1,127	0.129	\$171.98	\$1,506,545	
Total 35,040 4,769 0.136 \$171.98 \$6,026,179 Revenue @ \$500/Transport \$1,788,375 Retained Earnings (\$4,237,804) Response Time: 9 minutes @ 90%, 7 minutes @ average; Tiered Response Staffed Unit Unit Hour Annual Unit Staffed Unit Unit Hour Annual Unit Expense 1 ALS Ambulance 8,760 1,671 0.191 \$171.98 \$1,506,545 2 BLS Ambulance 8,760 1,580 0.180 \$135.21 \$1,184,440 3 ALS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 Total 26,280 4,769 0.181 \$171.98 \$4,197,529 Savings	3	ALS Ambulance	8,760	904	0.103	\$171.98	\$1,506,545	
Revenue @ \$500/Transport \$1,788,375 Retained Earnings \$1,788,375 Response Time: 9 minutes @ 90%, 7 minutes @ average; Tiered Response Staffed Unit Unit Hour Unit Hour Annual Unit Station Unit Type Hours Total Runs Utilization Expense Expense 1 ALS Ambulance 8,760 1,671 0.191 \$171.98 \$1,506,545 2 BLS Ambulance 8,760 1,580 0.180 \$135.21 \$1,184,440 3 ALS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 Total 26,280 4,769 0.181 \$171.98 \$4,197,529 Savings	4	ALS Ambulance	8,760	1,267	0.145	\$171.98	\$1,506,545	
Retained Earnings (\$4,237,804) Response Time: 9 minutes @ 90%, 7 minutes @ average; Tiered Response Staffed Unit Unit Hour Annual Unit Station Unit Type Hours Total Runs Utilization Expense Expense 1 ALS Ambulance 8,760 1,580 0.191 \$171.98 \$1,506,545 2 BLS Ambulance 8,760 1,580 0.180 \$135.21 \$1,184,440 3 ALS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 Total 26,280 4,769 0.181 \$171.98 \$4,197,529 Savings \$1,828,650	Total		35,040	4,769	0.136	\$171.98	\$6,026,179	
Response Time: 9 minutes @ 90%, 7 minutes @ average; Tiered Response Staffed Unit Unit Hour Unit Hour Annual Unit Station Unit Type Hours Total Runs Utilization Expense Expense 1 ALS Ambulance 8,760 1,580 0.191 \$171.98 \$1,506,545 2 BLS Ambulance 8,760 1,580 0.180 \$135.21 \$1,184,440 3 ALS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 Total 26,280 4,769 0.181 \$171.98 \$4,197,529 Savings \$1,828,650	Revenue	@ \$500/Transport					\$1,788,375	
Station Unit Type Hours Total Runs Utilization Expense Expense 1 ALS Ambulance 8,760 1,671 0.191 \$171.98 \$1,506,545 2 BLS Ambulance 8,760 1,580 0.180 \$135.21 \$1,184,440 3 ALS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 Total 26,280 4,769 0.181 \$171.98 \$4,197,529 Savings \$1,828,650	Retained	Farnings					(\$4,237,804)	
Station Unit Type Hours Total Runs Utilization Expense Expense 1 ALS Ambulance 8,760 1,671 0.191 \$171.98 \$1,506,545 2 BLS Ambulance 8,760 1,580 0.180 \$135.21 \$1,184,440 3 ALS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 Total 26,280 4,769 0.181 \$171.98 \$4,197,529 Savings \$1,828,650	netaniea							
1 ALS Ambulance 8,760 1,671 0.191 \$171.98 \$1,506,545 2 BLS Ambulance 8,760 1,580 0.180 \$135.21 \$1,184,440 3 ALS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 Total 26,280 4,769 0.181 \$171.98 \$4,197,529 Savings \$1,828,650		ŭ	-	average; Tiered				
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3 ALS Ambulance 8,760 1,518 0.173 \$171.98 \$1,506,545 Total 26,280 4,769 0.181 \$171.98 \$4,197,529 Savings \$1,828,650	Response Station	Time: 9 minutes @ 90	Staffed Unit Hours	Total Runs	Unit Hour Utilization	Expense	Expense	
Total 26,280 4,769 0.181 \$171.98 \$4,197,529 Savings \$1,828,650	Response Station	Time: 9 minutes @ 90 Unit Type ALS Ambulance	Staffed Unit Hours 8,760	Total Runs 1,671	Unit Hour Utilization 0.191	Expense \$171.98	Expense \$1,506,545	
Savings \$1,828,650	Response Station 1 2	Unit Type ALS Ambulance BLS Ambulance	Staffed Unit Hours 8,760 8,760	Total Runs 1,671 1,580	Unit Hour Utilization 0.191 0.180	Expense \$171.98 \$135.21	Expense \$1,506,545 \$1,184,440	
	Station 1 2 3	Unit Type ALS Ambulance BLS Ambulance	Staffed Unit Hours 8,760 8,760 8,760	Total Runs 1,671 1,580 1,518	Unit Hour Utilization 0.191 0.180 0.173	Expense \$171.98 \$135.21 \$171.98	Expense \$1,506,545 \$1,184,440 \$1,506,545	æ
	Station 1 2 3	Unit Type ALS Ambulance BLS Ambulance	Staffed Unit Hours 8,760 8,760 8,760	Total Runs 1,671 1,580 1,518	Unit Hour Utilization 0.191 0.180 0.173	Expense \$171.98 \$135.21 \$171.98	Expense \$1,506,545 \$1,184,440 \$1,506,545	•
Revenue @ \$500/Transport \$1,788,375	Response Station 1 2 3 Total	Unit Type ALS Ambulance BLS Ambulance	Staffed Unit Hours 8,760 8,760 8,760	Total Runs 1,671 1,580 1,518	Unit Hour Utilization 0.191 0.180 0.173	Expense \$171.98 \$135.21 \$171.98	Expense \$1,506,545 \$1,184,440 \$1,506,545 \$4,197,529	€
	Response Station 1 2 3 Total Savings	Unit Type ALS Ambulance BLS Ambulance ALS Ambulance ALS Ambulance	Staffed Unit Hours 8,760 8,760 8,760	Total Runs 1,671 1,580 1,518	Unit Hour Utilization 0.191 0.180 0.173	Expense \$171.98 \$135.21 \$171.98	Expense \$1,506,545 \$1,184,440 \$1,506,545 \$4,197,529	AI

Other Sources of Funding

- Property Tax
 - Millage based on governing body approval
 - o Based on the \$ EMS agency needs for sustainability
 - o Increasing property values help!
 - Beware property tax 'caps'
 - Public backlash on property values & related tax use
- Sales Tax
 - Millage based on governing body approval
 - o Based on the \$ EMS agency needs for sustainability
 - o Increasing based on population & spending
 - Used by some for a "Crime Control Prevention District" (CCPD)



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Other Sources of Funding

- GEMT
 - Through Medicaid office
 - o Cost reporting to determine costs vs. Medicaid reimbursement
 - Recent changes to ACR vs. Medicaid reimbursement
 - Typically only available to 'public' agencies
- Provider Assessment
 - o Fee collected from providers for all transports
 - o Revenue used to draw down federal matching funds
 - Portion of the match for supplemental payment to providers for Medicaid transports
 - Beware donor vs. benefactor issues
 - May be hard to pass in fiscally conservative states
 - o Beware the supplemental payment issuer!









