Elegant Financial Statements for Nonprofits Part Two

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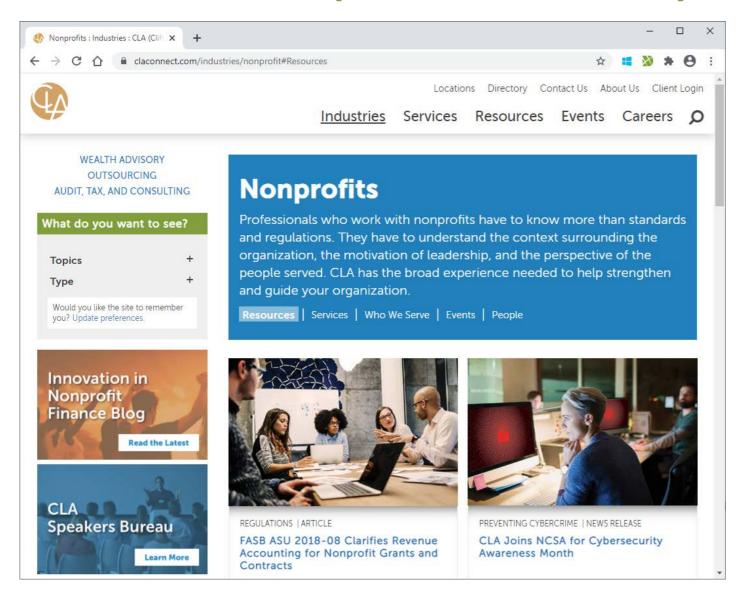
Create Opportunities

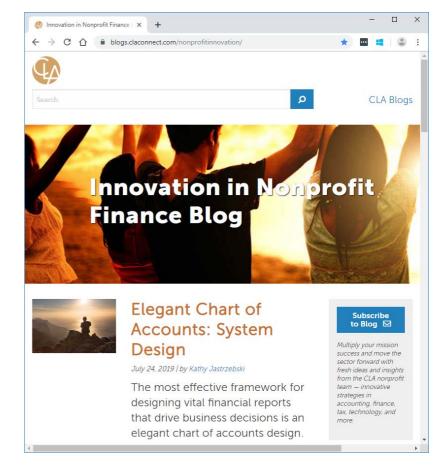
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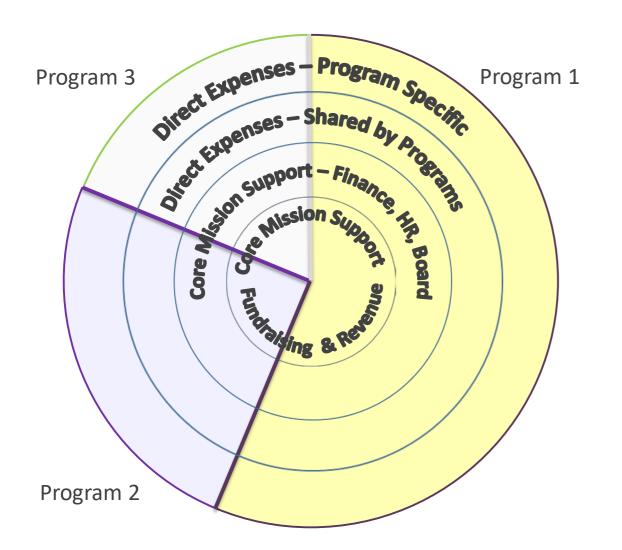


Learning Objectives

- Identify the concepts of elegant financial system design and true program costs (full-cost accounting)
- Recognize elegant design principles and use them to build out your chart of accounts, cost centers, allocation processes, and reports
- Recognize how to integrate the elegant financial systems model into your processes and systems
- Describe the principles of elegant financial reporting to communication with funders and with your own boards, leadership, and staff



You Are Going For This



Each of your programs is built around, is supported by, and shares responsibility for **Core Mission Support**.

All of the resources you need to accomplish your programs are the **True Program Costs**, which include four types of expenses:

- Direct Expenses: Program-Specific
- Direct Expenses: Shared by Programs
- Core Mission Support: Finance, HR, and Board
- Core Mission Support: Fundraising & Revenue

Apply the Elegance Principles

Ask yourself these questions:

- 1) Is this particular **cost center** or **line item** absolutely *necessary to manage your organization* and make important strategic decisions?
- 2) Is this particular cost center or line item absolutely required by outside users of your financial and organizational data donors, foundations, government agencies, regulatory agencies, nonprofit watchdogs, or community members?

Mapping Your Cost Centers

All programs are cost centers

But all cost centers are not necessarily programs

Cost Centers - Aligned with Organization	Allocated?
Program 1	N
Program 2	N
Program 3	N
General Mission	N
Admin	Υ
Fundraising	Y
To Be Allocated	Υ

You might also have Communications/Marketing

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Elegance through Roll Ups – Defining Your Chart of Accounts

Expense It	tem		Up Account			irect	Shar	ed Direct	A	dmin	Fundra	aising	Allocation Method
Executive Dir	ector Salary and Benefits	Payro	II, Taxes, Benefi	its				X					2
Development	+ Director Salary and Bonofite	Davro	II Tayor Ronofi	itc				v					2
Program Dir	Dell Un Asseunt		5	ci in						Alloca Meth			2
Other Staff:	Roll Up Account		Direct	Shared Di	rect	Admii	n	Fundrai	ising	ivieti	iou		2
Other Staff:	Payroll, Taxes, Benefits												2
Benefits, Tax	Contracted Services												2, 3
Consultants	Program Materials and Sup	plies											1, 3, 4
Professiona	Occupancy												1
Professiona	Equipment and Technology	/											1
Program Ma	Travel & Meetings												1, 3, 4, 6
Office Suppl	Marketing and Communica	tions											1, 3, 4, 6
Rent	Other Operating Expenses												3, 5, 6
Maintenanc	Depreciation Expense												3, 5, 6
Mortgage inc	erest	JUCCU	Оссирансу					^				1	3, 5, 6
Janitorial		Occu	pancy					X					3, 5, 6

Defining Shared Direct Costs and Administrative Costs

Just because a resource is used by more than one program or functional area (administration or fundraising) does not define it as administrative cost

- Shared direct costs are resources that are used by more than one program or functional area to accomplish its work. These resources are often acquired centrally and made available to each program or function. Admin, fundraising, and communications receive a share of these costs.
- Administrative costs are resources used for the overall management of the entire organization – often related to board governance, financial accounting, human resources, and organization-wide staff meetings.
 This is NOT a general, catch-all category. It is a specific function.



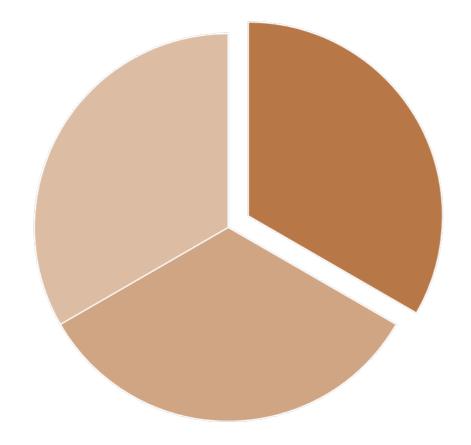
Elegant Allocations

Design Your Accounting System to Capture True Program Costs

The Power of Cost Centers and Allocation

- Both the IRS Form 990 and audited financial statements under new FASB standards require you to report expenses by function (program activities, management and general, and fundraising).
- You strengthen your decision making when you can see the whole truth about your programs and their finances.
- For a complete view of the financial state of any one program, you need to see the full range of resources required to support it.

Choosing Allocation Methods



For each type of expense, determine what drives how much of that resource is used and where.

What Are Your Cost Drivers?

Personnel Expenses

Staff Hours or FTEs Contracted Services

Number of Clients
Served

Occupancy

Square Footage or FTEs Equipment & Technology

FTEs

Other Operating Expenses

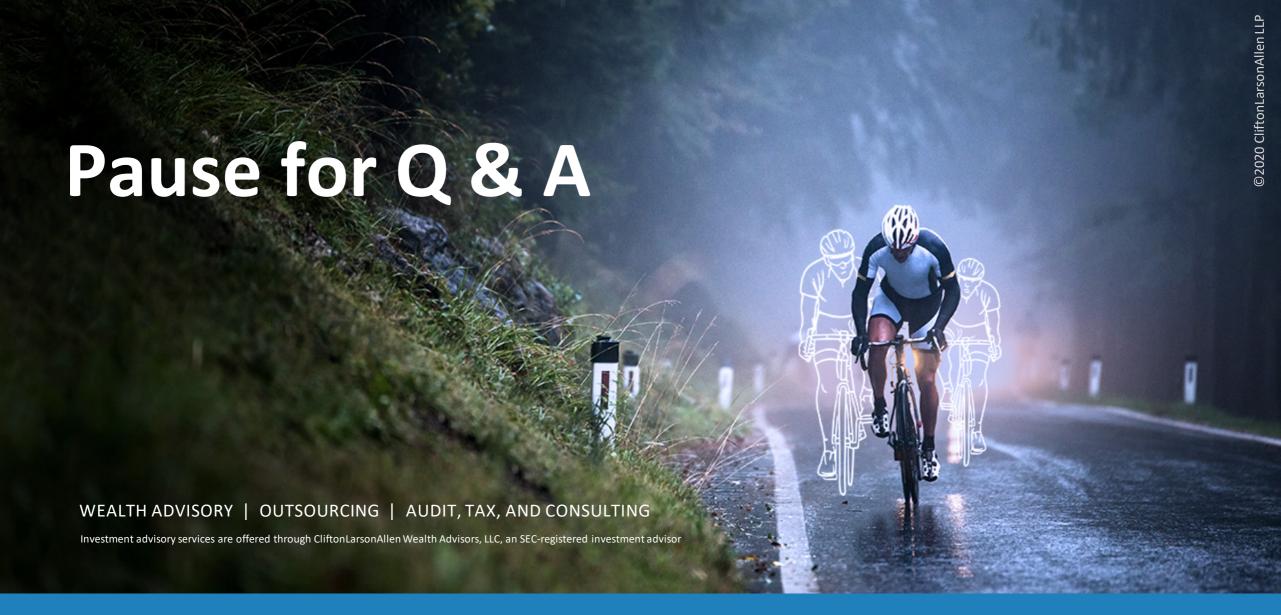
FTEs or Number of Clients Served

Common Allocation Methods

	Method	Use
1.	Direct attribution	Expenses that can be clearly assigned to one or more programs or functions.
2.	Staff hours	Best for salaries and benefits, where the relative pay rates of employees matter.
3.	FTEs	For expenses that follow the level of staff activity, but are not influenced by pay rate.
4.	Units of service	For expenses that vary based on the number of units of service, clients seen, or products delivered.
5.	Space apportionment	Most commonly square footage used to allocate expenses related to department or location usage.
6.	Percent of total dollars	Sometimes used to allocate admin or fundraising expenses. Can be either expense or revenue dollars.

Allocation Methods Defined

Expense Item	Roll Up Account	Direct	Shared Direct	Admin	Fundraising	Allocation Method
Executive Director Salary and Benefits	Payroll, Taxes, Benefits		х			2
Development Director Salary and Benefits	Payroll, Taxes, Benefits		Х			2
Program Director Salary and Benefits	Payroll, Taxes, Benefits		X			2
Other Staff:	Payroll, Taxes, Benefits		X			2
Other Staff:	Payroll, Taxes, Benefits		х			2
Benefits, Taxes, Workers Comp Insurance	Payroll, Taxes, Benefits		Х			2, 3
Consultants and Contractors	Contracted Services	Х	Х	Х	Х	1, 3, 4
Professional Fees - Audit	Contracted Services			Х		1
Professional Fees - Legal	Contracted Services	Х		Х		1
Program Materials	Program Materials and Supplies	X	Х			1, 3, 4, 6
Office Supplies	Program Materials and Supplies	X	х	Х	Х	1, 3, 4, 6
Rent	Occupancy		Х			3, 5, 6
Maintenance	Occupancy		Х			3, 5, 6
Mortgage interest	Occupancy		Х			3, 5, 6
Janitorial	Occupancy		х			3, 5, 6





Create Opportunities

Two-Step Approach to Allocating Nonprofit Expenses

Step 1: Allocate shared direct costs
 Do this step first because shared direct costs are also allocated to administrative and fundraising functions

Step 2: Allocate administrative and fundraising categories
 The expenses aggregated in the administrative and fundraising categories are shared across programs

Setting Up Your System for Two-Step Process

Nonprofit Organization

		P	rogram Service	es		Supporting Services	To Be Allocated	TOTAL
	Program 1	Program 2	Program 3	General Program	Total	Management Fundraising Total	Total	
EXPENSES							1 1	
Payroll, Taxes, Benefits			<u></u>				1 1	\$ -
Contracted Services			C Ste	ep 1 📝		1	1 1	-
Program materials and supplies						1	1 1	-
Occupancy						1	1 1	-
Equipment and Technology					7	1	1 1	-
Travel & Meetings			1 Ste	ep 2		1	1 1	-
Marketing and Communications					_	1	1 1	-
Other Operating Expenses						1	1 1	-
Depreciation Expense						1	1 1	-
ADMIN ALLOCATION						1	1 1	-
FUNDRAISING ALLOCATION							\vdash	
TOTAL EXPENSES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - \$ - \$ -	\$ -	\$ -

Step 1: Allocations and True Program Costs – To Be Allocated

Nonprofit Organization

	Program Services			es			Supporting Services						То В	e Allocated	2	TOTAL			
	Program 1 Program		rogram 2	am 2 Program 3			General Program	Total		lanagement & General	Fundraising			Total		Total	ı		
EXPENSES										ı									
Payroll, Taxes, Benefits	\$	264,195	\$	330,243	\$	594,438	\$	132,097	\$ 1,320,973	\$	232,290	\$	65,845	\$	298,135	\$	-	\$	1,619,108
Contracted Services		13,020		16,275		29,295		6,510	65,101	ı	37,848		22,390		60,238		15,000		140,339
Program materials and supplies		78,234		97,793		176,027		39,117	391,172	ı	-		-		-		-		391,172
Occupancy		-		-		-		-	-	ı	-		-		-		286,346		286,346
Equipment and Technology		900		740		1,331		-	2,971	ı	-		3,200		3,200		85,599		91,770
Travel & Meetings		14,294		17,868		32,162		7,147	71,471	ı	4,800		200		5,000		-		76,471
Marketing and Communications		4,962		6,203		11,165		2,481	24,812	ı	-		1,088		1,088		-		25,900
Other Operating Expenses		6,211		8,487		17,888		3,050	35,636	ı	9,036		1,122		10,158		122,489		168,283
Depreciation Expense		-		-		-		-	-	ı	-		-		-		22,400		22,400
ADMIN ALLOCATION		-		-		-		-		ı					-		-		-
FUNDRAISING ALLOCATION		-		-		-		-									-		
TOTAL EXPENSES	\$	381,817	\$	477,609	\$	862,308	\$	190,403	\$ 1,912,136	\$	283,974	\$	93,845	\$	377,819	\$	531,834	ġ)	2,821,789

Step 1: Allocations and True Program Costs – To Be Allocated

Nonprofit Organization

	Program Services					Sup	porting	Service	es 🤇	To Be Allocated	TOTAL		
	Progra	am 1	Program 2	Program 3	General Program	Total	ſ	Management & General	Fundra	ising	Total		
EXPENSES													
Payroll, Taxes, Benefits	\$ 26	4,195	\$ 330,243	\$ 594,438	\$ 132,097	\$ 1,320,973	9	232,290	\$ 65	,845	\$ 298,135		\$ 1,619,108
Contracted Services	1.	5,468	19,335	34,803	7,734	77,339		40,000	23	,000	63,000	-	140,339
Program materials and supplies	78	8,234	97,793	176,027	39,117	391,172		-		-	-		391,172
Occupancy	4	6,724	58,405	105,129	23,362	233,620		41,081	11	.,645	52,726	-	286,346
Equipment and Technology	1	4,867	18,199	32,758	6,984	72,808		12,281	(,681	18,962	-	91,770
Travel & Meetings	1	4,294	17,868	32,162	7,147	71,471		4,800		200	5,000		76,471
Marketing and Communications		4,962	6,203	11,165	2,481	24,812		-	-	,088	1,088		25,900
Other Operating Expenses	2	6,198	33,471	62,859	13,043	135,570		26,609	(5,103	32,712	-	168,283
Depreciation Expense	:	3,655	4 <i>,</i> 569	8,224	1,828	18,275		3,214		911	4,125	-	22,400
ADMIN ALLOCATION		-	-	-	-						-		-
FUNDRAISING ALLOCATION		-	-	-	-						-		
TOTAL EXPENSES	\$ 468	3,598	\$ 586,085	\$ 1,057,565	\$ 233,793	\$ 2,346,041	!	\$ 360,275	\$ 115	,473	\$ 475,748	\$ -	\$ 2,821,789

Step 2: Allocations and True Program Costs – Supporting Services

Nonprofit Organization

			P	rogram Service	es				Sup	portir	ng Servic	es		To Be Allocated	TOTAL
	Program	1	Program 2	Program 3		eneral ogram	Total	ſ	Management & General	Fund	Iraising		Total		
EXPENSES															
Payroll, Taxes, Benefits	\$ 264,	.95	\$ 330,243	\$ 594,438	\$	132,097	\$ 1,320,973		\$ 232,290	\$	65,845	\$	298,135		\$ 1,619,108
Contracted Services	15,4	68	19,335	34,803		7,734	77,339		40,000		23,000		63,000	-	140,339
Program materials and supplies	78,2	34	97,793	176,027		39,117	391,172		-		-		-		391,172
Occupancy	46,	24	58,405	105,129		23,362	233,620		41,081		11,645		52,726	-	286,346
Equipment and Technology	14,8	867	18,199	32,758		6,984	72,808		12,281		6,681		18,962	-	91,770
Travel & Meetings	14,2	94	17,868	32,162		7,147	71,471		4,800		200		5,000		76,471
Marketing and Communications	4,9	62	6,203	11,165		2,481	24,812		-		1,088		1,088		25,900
Other Operating Expenses	26,	.98	33,471	62,859		13,043	135,570		26,609		6,103		32,712	-	168,283
Depreciation Expense	3,0	555	4,569	8,224		1,828	18,275		3,214		911		4,125	-	22,400
ADMIN ALLOCATION			-	-		-							-		-
FUNDRAISING ALLOCATION			-	-		-							-	\square	
TOTAL EXPENSES	\$ 468,5	98	\$ 586,085	\$ 1,057,565	\$ 2	233,793	\$ 2,346,041		\$ 360,275	\$ 1	15,473	\$	475,748	\$ -	\$2,821,789

Step 2: Allocations and True Program Costs – Supporting Services

Nonprofit Organization

	Program Services							Sup	por	ting Services		To	Be Allocated	TOTAL	
	P	rogram 1	P	rogram 2	P	rogram 3	General Program	Total	Management & General	Fu	ndraising	Total			
EXPENSES													н		
Payroll, Taxes, Benefits	\$	264,195	\$	330,243	\$	594,438	\$ 132,097	\$ 1,320,973	232,290	\$	65,845 \$	298,135	1		\$ 1,619,108
Contracted Services		15,468		19,335		34,803	7,734	77,339	40,000		23,000	63,000		-	140,339
Program materials and supplies		78,234		97,793		176,027	39,117	391,172	-		-	-	н		391,172
Occupancy		46,724		58,405		105,129	23,362	233,620	41,081		11,645	52,726		-	286,346
Equipment and Technology		14,867		18,199		32,758	6,984	72,808	12,281		6,681	18,962	1	-	91,770
Travel & Meetings		14,294		17,868		32,162	7,147	71,471	4,800		200	5,000			76,471
Marketing and Communications		4,962		6,203		11,165	2,481	24,812	-		1,088	1,088			25,900
Other Operating Expenses		26,198		33,471		62,859	13,043	135,570	26,609		6,103	32,712		-	168,282
Depreciation Expense		3,655		4,569		8,224	1,828	18,275	3,214		911	4,125	1	-	22,400
ADMIN ALLOCATION		68,452		86,466		154,918	32,425	342,261	(360,275))	18,014	(342,261)		-
FUNDRAISING ALLOCATION		24,371		22,393		74,537	12,186	133,487	-		(133,487)	(133,487)		
TOTAL EXPENSES	\$	561,421	\$	694,944	\$	1,287,020	\$ 278,404	\$ 2,821,789	\$ -	\$	- \$	-	\$	-	\$2,821,789

Allocations & True Program Costs = Full-Cost Accounting

Business Model Information

Program Sustainability

Nonprofit Organization

	Program Services											
	Pr	ogram 1	Pr	ogram 2	F	Program 3		General rogram	Total			
SUPPORT AND REVENUE												
Support (Contributions)	\$	408,350	\$	375,200	\$	1,248,900	\$	204,175	\$ 2,236,625			
Revenue (Earned)		241,310	_	301,637		235,998		120,655	899,600			
TOTAL SUPPORT AND REVENUE	\$	649,660	\$	676,837	\$	1,484,898	\$	324,830	\$ 3,136,225			
Table 2												
EXPENSES	_		٠.		_		_		4			
Payroli, Taxes, Benefits	Ş	264,195	Ş	330,243	\$	•	\$	132,097	\$ 1,320,973			
Contracted Services		15,468		19,335		34,803		7,734	77,339			
Program materials and supplies		78,234		97,793		176,027		39,117	391,172			
Occupancy		46,724		58,405		105,129		23,362	233,620			
Equipment and Technology		14,867		18,199		32,758		6,984	72,808			
Travel & Meetings		14,294		17,868		32,162		7,147	71,471			
Marketing and Communications		4,962		6,203		11,165		2,481	24,812			
Other Operating Expenses		26,198		33,471		62,859		13,043	135,570			
Depreciation Expense		3,655		4,569		8,224		1,828	18,275			
TOTAL DIRECT EXPENSES	\$	468,598	\$	586,085	\$	1,057,565	\$	233,793	\$ 2,346,041			
ADMIN ALLOCATION		68,452		86,466		154,918		32,425	342,261			
FUNDRAISING ALLOCATION		24,371		22,393		74,537		12,186	133,487			
TOTAL EXPENSES	\$	561,421	\$	694,944	\$	1,287,020	\$	278,404	\$ 2,821,789			
CHANGE IN NET ASSETS	\$	88,239	\$	(18,107)	\$	197,878	\$	46,426	\$ 314,436			

Allocations and True Program Costs – Audit Ready Innovation

Nonprofit Organization

		Program Services							Supporting Services						To Be A	llocated	TOTAL	
	P	rogram 1	P	rogram 2	Pre	ogram 3		General rogram	Total		anagement & General	Fur	ndraising		Total			
EXPENSES										ı								
Payroll, Taxes, Benefits	\$	264,195	\$	330,243	\$	594,438	\$	132,097	\$ 1,320,973	\$	232,290	\$	65,845	\$	298,135			\$ 1,619,108
Contracted Services		15,468		19,335		34,803		7,734	77,339		40,000		23,000		63,000		-	140,339
Program materials and supplies		78,234		97,793		176,027		39,117	391,172		-		-		-			391,172
Occupancy		46,724		58,405		105,129		23,362	233,620		41,081		11,645		52,726		-	286,346
Equipment and Technology		14,867		18,199		32,758		6,984	72,808		12,281		6,681		18,962		-	91,770
Travel & Meetings		14,294		17,868		32,162		7,147	71,471		4,800		200		5,000			76,471
Marketing and Communications		4,962		6,203		11,165		2,481	24,812		-		1,088		1,088			25,900
Other Operating Expenses		26,198		33,471		62,859		13,043	135,570		26,609		6,103		32,712		-	168,282
Depreciation Expense		3,655		4,569		8 _, 224		1,828	18,275		3,214		911		4,125		-	22,400
TOTAL DIRECT EXPENSES	\$	468,598	\$	586,085	\$ 1	.,057,565	\$	233,793	\$ 2,346,041	\$	360,275	\$	115,473	\$	475,748	\$	-	\$ 2,821,789
ADMIN ALLOCATION		68,452		86,466		154,918		32,425	342,261		(360,275)		18,014		(342,261)			-
FUNDRAISING ALLOCATION		24,371		22,393		74,537		12,186	133,487	_	-		(133,487)		(133,487)			
TOTAL EXPENSES	\$	561,421	\$	694,944	\$ 1	,287,020	\$	278,404	\$ 2,821,789	\$	-	\$	-	\$		\$		\$ 2,821,789

Allocations and True Program Costs – Visualization

Sample use of Excel Pie Chart and Excel Bubble Chart to Conceptualize Nonprofit Financial Reports using Core Mission Support

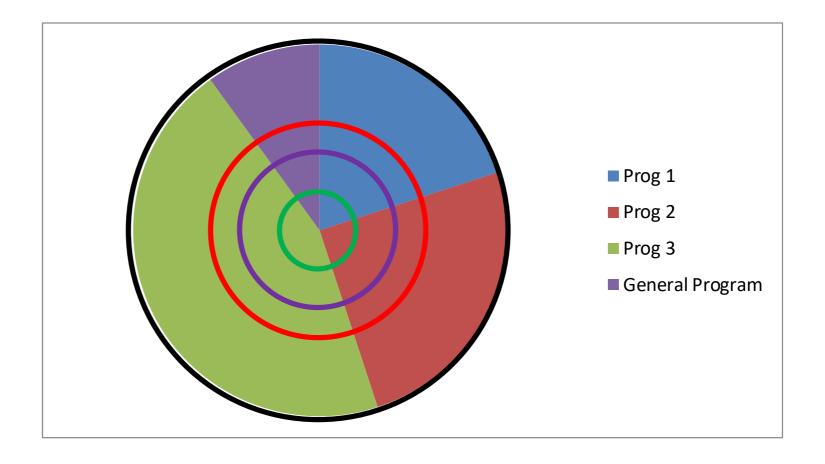
	Total per Ring	Cumulative \$						
								General
	Expenses	per Bubble	Admin	FR	Prog 1	Prog 2	Prog 3	Program
Direct - Specific	1,912,437	2,821,789			381,817	477,609	862,308	190,703
Direct - Shared	433,604	909,352			86,781	108,476	195,257	43,090
Admin	360,275	475,748	360,275	18,014	68,452	86,466	154,918	34,425
FR	115,473	115,473		115,473	24,371	22,393	74,537	12,186
Total	2,821,789			133,487	561,421	694,944	1,287,020	280,404

				General		
_	Prog 1	Prog 2	Prog 3	Program	Total	
Total of Direct & Shared Direct Expenses	468,598	586,085	1,057,565	233,793	2,346,041	
Percentage used for pie chart	20%	25%	45%	10%	100%	

Allocations and True Program Costs – Visualization

True Program Costs - Core Mission Support

- O Direct Specific
- O Direct Shared
- Admin
- O FR





Full Cost Accounting & Elegant Proposal Budgets

How we ask for money matters

What Full-Cost Accounting Looks Like

- Sample Nonprofit has civic engagement as its mission
- Proposes to offer 10 educational workshops about city government
- Proposes to offer 2 guided tours of city council meetings to teach residents to better engage with their elected officials
- Budget is set at \$100,000
- Budget is designed to fully fund the work and contribute appropriately to the financial needs of the entire organization

Sample Full-Cost Proposal Budget

What if instead of this...

Expense	Amount		Description
Personnel	\$	55,000	Salaries and benefits
Contracted Services		8,000	Consultants, facilitators, trainers
Occupancy		4,500	Rent, utilities, maintenance, leasehold improvement
Equipment and IT		2,300	Managed IT services, equipment purchase, depreciation
Travel		2,100	Staff and participant mileage, van rental for trips to city council
Meeting Space, Meals, and Hosting		3,500	Space rental, catering, beverage service for participant events
Marketing and Communications		700	Communications to publicize workshops, engage elected officials
Operating Expenses		1,500	Supplies, photocopying, insurance, telecommunications
Program-specific materials		3,000	Printed workbooks for participants
Core Admin Allocation		12,000	Program share of core administrative support from organization
Core Fundraising Allocation		6,000	Program share of core fundraising support from organization
Total Expenses	\$	98,600	
Provision for Operating Reserve		700	Board-designated fund - operating reserve of 6-months cash on hand
Provision for Opportunity Reserve		700	Board-designated fund - opportunity reserve for future expansion
Total	\$	100,000	<u>-</u>

Sample Deliverable-Based Proposal Budget

We did this...

	Amount		Description		
Workshop - budget per event X number of events	\$	9,000 10	Each event will be three hours, attract 20 participants, be led by two staff, provide a catered light meal, and include a printed workbook		
	\$	90,000	-		
Guided Tour of City Council Meeting X number of events	\$		Each event will be three hours, attract 20 participants, be led by three staff, include van transportation, snacks, and beverage		
	\$	10,000			
Total Budget	\$	100,000			



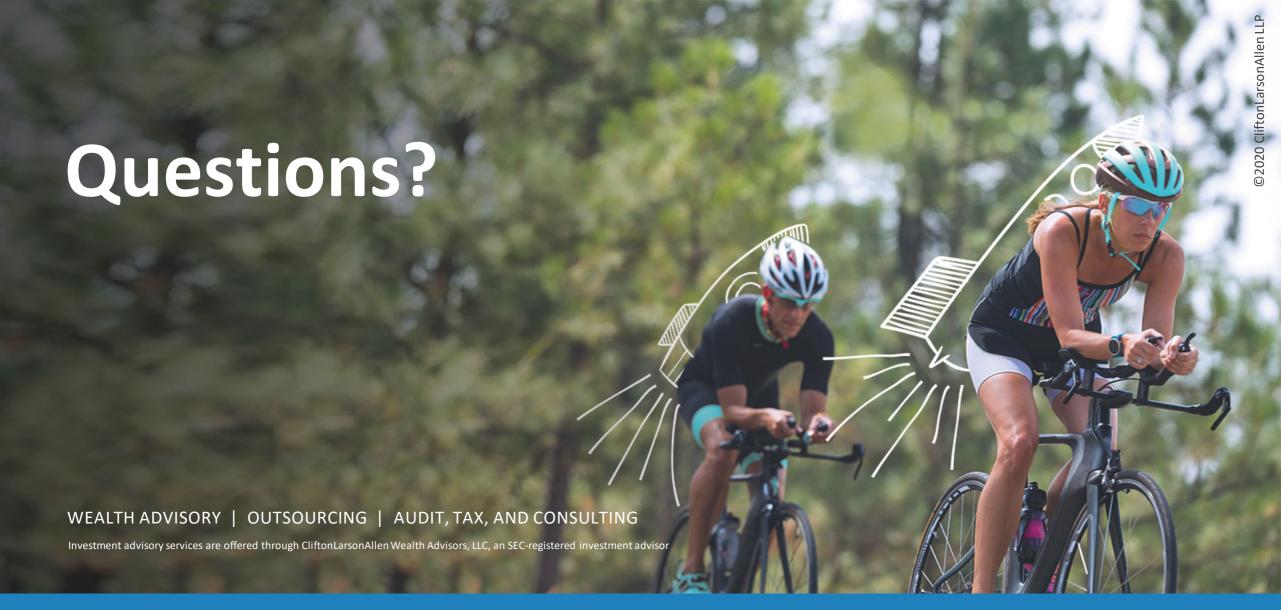




Elegance in financial statements and reporting is about intentional design

We strive to create reports that are:

- As simple as possible, while still being complete
- As informative as possible, without being too dense
- As sophisticated as possible, without being complicated





Create Opportunities

Related Resources

Blogs:

```
"Elegant Financial Systems: Principles and Practice"
```

Articles:

"A Graphic Re-visioning of Nonprofit Overhead,"
Curtis Klotz, Nonprofit Quarterly, Fall 2016, republished Fall 2019

"Functional Expenses by Nature and the Overhead Debate,"

Curtis Klotz, The CPA Journal, May 2019



[&]quot;Elegant Cost Centers"

[&]quot;Elegant Chart of Accounts: Simple Can Be Sophisticated"

[&]quot;Elegant Allocations In Nonprofit Accounting"

[&]quot;Elegant Allocations in Nonprofit Accounting: System Design"

[&]quot;Elegant Reporting in Nonprofit Accounting"

[&]quot;Elegant Nonprofit Reporting: System Design"



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