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Meet your panelists



Alicia Antonetti-Tricker



Tim Berry

3-part webinar series

Webinar series focus

The importance of scenario modeling and tools

Adjusting revenue expectations

Controlling cost to reduce expenditures

Aligning revenues and expenditures to manage your cash flow and budgets

Modeling highlights for each area of focus

Webinar dates

June 18

Revenue analysis & modeling

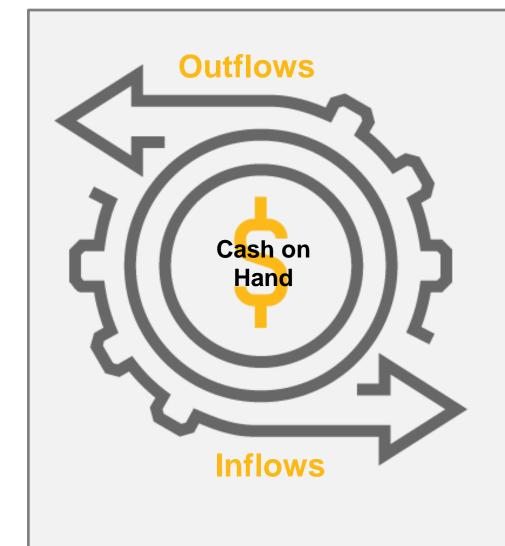
July 9

Expenditure analysis & modeling

July 30

Cash flow analysis & modeling

Why cash flow management?



- Maintain liquidity to fund essential and statutorily required services
- Understand use of funds by type, based on guidelines (e.g., ability for negative fund balance, use of restricted funds)
- Plan for uncertainty
- Proactively develop a roadmap for your community

How to develop a cash flow model: 3 steps

Step 1 Step 2 Step 3 **Determine Cash Model Outflows Model Inflows** Cash On Hand + Expenditures + Other Revenues + Other Sources Reserves **Obligations** of Cash

Cash flow model example

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Beginning Balance (Cash on Hand):	\$500,000	\$620,000	\$495,000	\$300,000	\$310,000	\$70,000	\$335,000	\$330,000	\$137,500	(\$137,500)	(\$62,500)	\$337,500	\$500,000
Inflows (Receipts)													
Sales & Use Tax	250,000	225,000	175,000	210,000	180,000	210,000	215,000	225,000	230,000	210,000	220,000	225,000	2,575,000
Property Tax						450,000					525,000		975,000
Income Tax	200,000			200,000			200,000			200,000			800,000
Intergovernmental Transfers	50,000	25,000	10,000	40,000	10,000	5,000		10,000	25,000	40,000		15,000	230,000
Charges & Fees	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	10,000	10,000	10,000	10,000	140,000
Bond Proceeds					5,000								5,000
Other			10,000	5,000				2,500			20,000		37,500
Total Inflows	510,000	260,000	205,000	465,000	210,000	680,000	430,000	252,500	265,000	460,000	775,000	250,000	4,762,500
Outflows (Disbursements)													
Operations	325,000	320,000	330,000	315,000	320,000	350,000	345,000	360,000	325,000	320,000	310,000	325,000	3,945,000
Debt payments (P & I)		·	·	75,000	·	·		·	75,000	•	·		150,000
Insurance Benefits + Repayments	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	600,000
Capital Outlays			5,000		15,000		25,000						45,000
Assistance & Subsidies	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	180,000
Other								20,000					20,000
Potential Expenditures	0	0	0	0	50,000	0	0	0	75,000	0	0	0	125,000
Total Outflows	390,000	385,000	400,000	455,000	450,000	415,000	435,000	445,000	540,000	385,000	375,000	390,000	5,065,000
End of Month Cash Balance	\$620,000	\$495,000	\$300,000	\$310,000	\$70,000	\$335,000	\$330,000	\$137,500	(\$137,500)	(\$62,500)	\$337,500	\$197,500	\$197,500

Strategies to manage public sector cash flow

Revenue

Operating Expenditure

Capital Expenditure

Complexity of implementation

Budget quick wins

Eliminate travel & related expenses

Freeze positions/hiring

Reduce discretionary spend

Pause capital expenditures

Manage for revenue shortages

Seek & obtain stimulus monies

Conduct revenue analysis

Furlough staff

Project cashflow

Determine debt issuance needs

Manage receivables

Implement reduced work arrangements

Manage supplier/ vendor payments

Optimize current operating model

Eliminate unfilled positions

Implement productivity/ efficiency improvements

Align long-range capital plan

Dispose of capital assets

Optimize fees / cost of services

Rationalize services

Move to lower-cost operating model

Optimize workforce

Consolidate facilities

Implement IT optimizations

Implement outsourcing & public-private partnerships

Introducing Crowe Financial Scenario Planner



Powered by Microsoft Power BI



Excel-based import templates



Online, secure & fully hosted by Microsoft



Consulting and technical support available

Why consider Crowe Financial Scenario Planner?



Based on your historical data



Accommodates your unique revenue & expenditure streams



Streamlines "what-if" planning



Includes easy to use Excel upload templates



Exportable dashboards to use in reports



Fully hosted and secure on Microsoft Power BI

The power of Crowe Financial Scenario Planner: Three easy steps to achieve results



Set-up model with user-friendly uploads and input screens



Make assumptions to your revenues and expenditures using filters



View model results on your pre-configured dashboards

Complex analysis in three simple steps.

Crowe Financial Scenario Planner

powered by Microsoft Power BI®

Set up your model with user-friendly input templates and screens

Crowe has taken the guess work out of building a scenario planning model

Use our input screens and upload templates to assist with estimating revenues and expenses

For example, model your sales tax revenues based on the industry mix within your community, using either NAICS or SIC classifications

NAICS Sector -	NAICS Code Estimated Historical Sales Tax Revenue %
Agriculture	11 2.00%
Mining, Quarrying, and Oil and Gas Extraction	21 3.00%
Utilities	22 8.00%
Construction	23 4.00%
Manufacturing	31-33 7.00%
Wholesale Trade	42 7.00%
Retail Trade	44-45 26.00%
Transportation and Warehousing	48-49 4.00%
Information	51 2.00%
Finance and Insurance	52 3.00%
Real Estate and Rental and Leasing	53 3.00%
Professional, Scientific, and Technical Services	54 2.00%
Management of Companies and Enterprises	55 5.00%
Administrative and Support and Waste Management and F	56 2.00%
Educational Services	61 3.00%
Health Care and Social Assistance	62 1.00%
Arts, Entertainment, and Recreation	71 1.00%
Accommodation and Food Services	72 5.00%
Other Services	81 5.00%
Public Administration	92 2.00%
Other	99 5.00%

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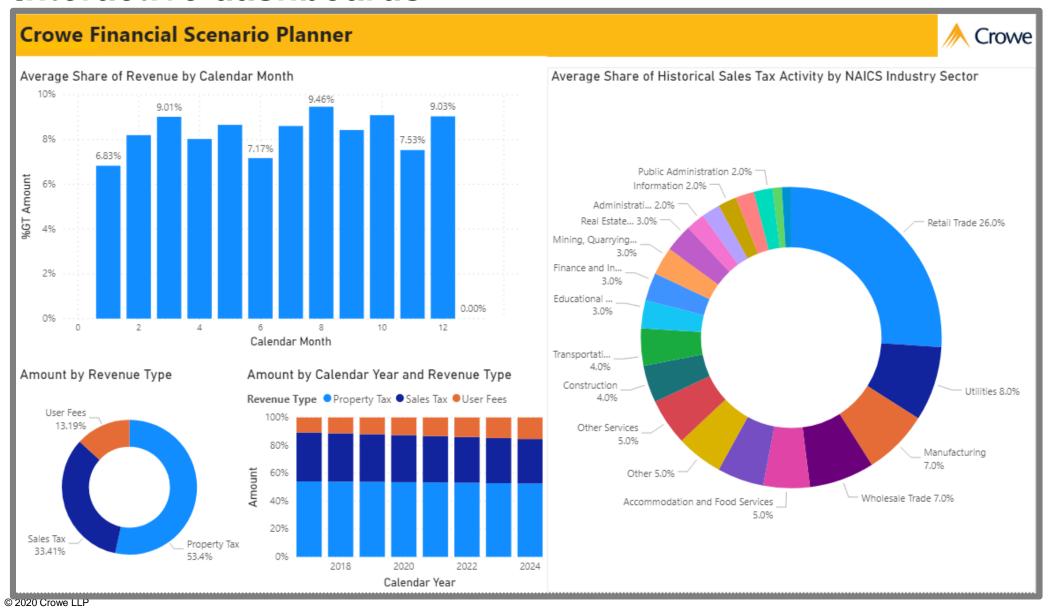
Set assumptions to conduct "what-if" planning

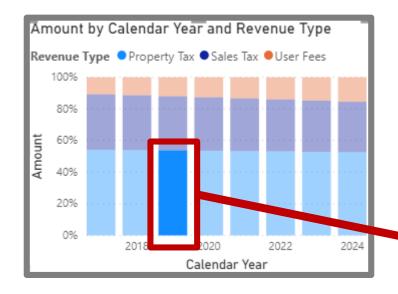
Use the already designed input screens to set potential impacts to baseline budgets

For example, due to stay-at-home orders and closures, set expected sales tax revenue for retail (NAICS 44-45) at 25% of planned (pre-COVID) budget

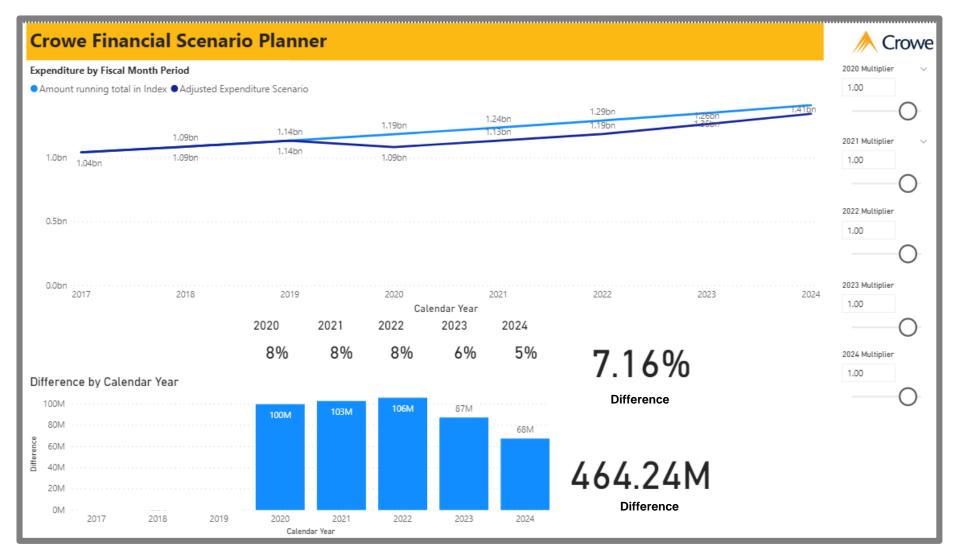


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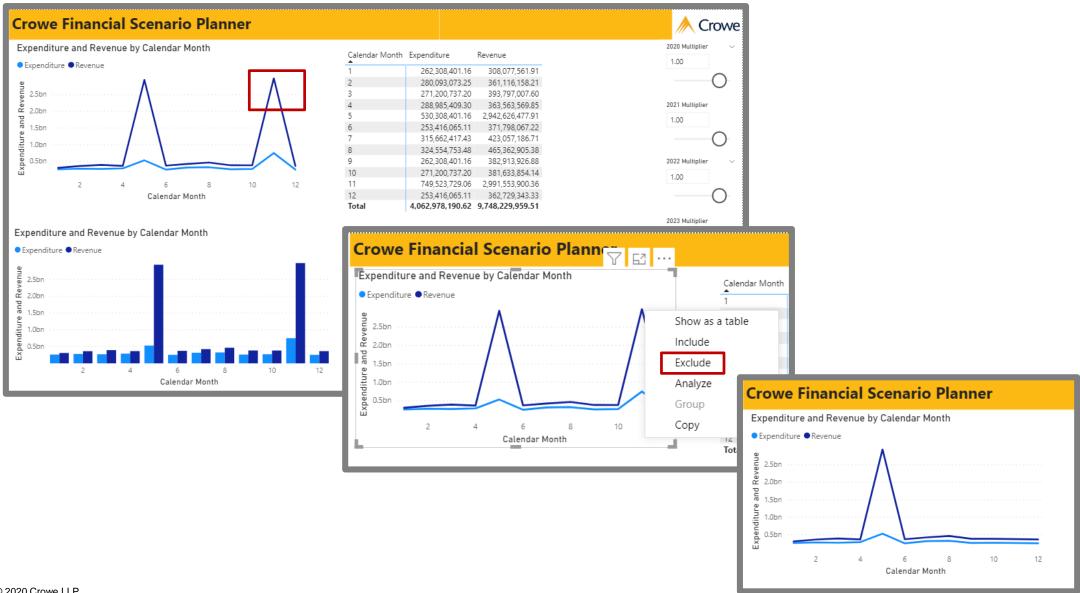






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Questions

More from Crowe: Crowe Debt Manager

Stay on top of your debt portfolio with a secure, web-based system

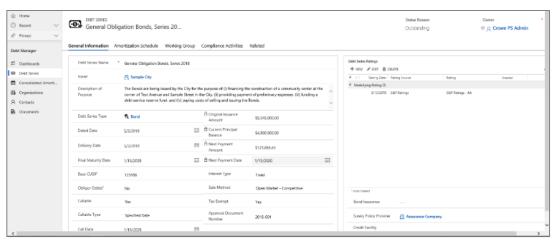
Be responsive, with access to dashboards and other analytics

Remain compliant with continuing disclosures, arbitrage and other key dates

Store and retrieve all documents associated with each obligation

Interested in learning more? Contact Alicia Antonetti-Tricker at <u>alicia.antonetti@crowe.com</u> or Tim Berry at tim.berry@crowe.com.



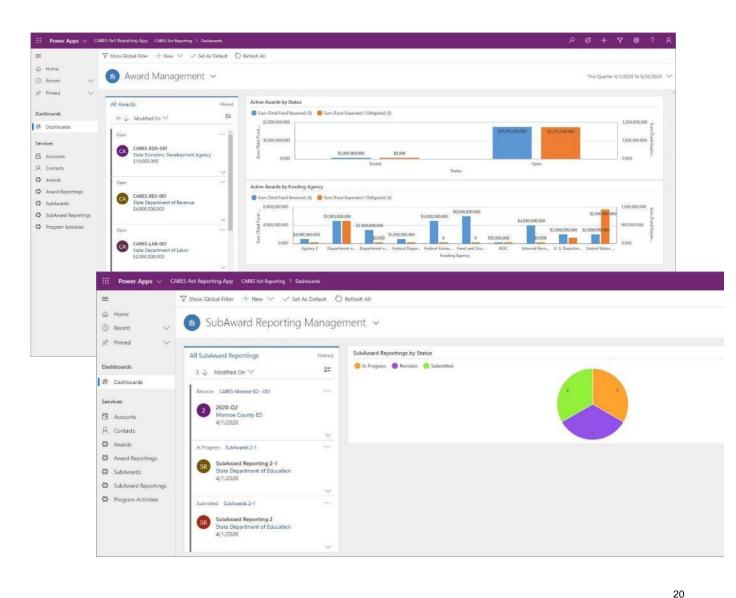


More from Crowe: CARES Act Reporting Tool

The requirement to begin reporting your CARES Act expenditures began as early as this month.

Crowe has built a low cost reporting solution which consolidates your subrecipient information and automatically uploads to USASpending.gov.

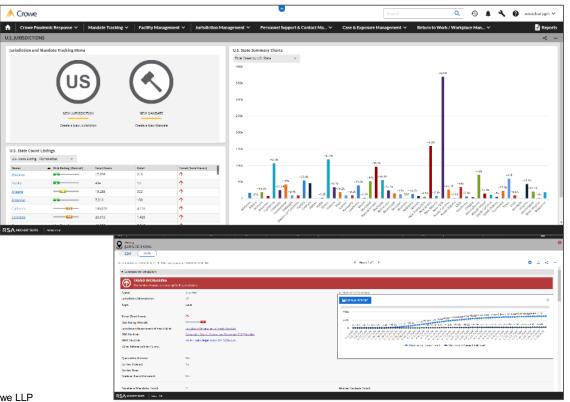
Interested in learning more? Contact Bob Dobis at bob.dobis@crowe.com.



More from Crowe: Pandemic Response & Recovery App

Every Organization Faces the Same Critical Questions

And the answers change every day – making it difficult to risk assess and prioritize your response actions.





What mandates and closures exist in the jurisdictions that affect employees, partners, customers, contractors, suppliers, and facilities?



Where is each employee? How are they affected by mandates? Who is exempt? What do they need to prove their exemption for safe passage?



How are employees doing? What do they need from us to stay safe and productive?



Who in our ecosystem has been exposed or has contracted the virus?



Are we in compliance with applicable regulations?
What do we need to report to state, local, and federal government health departments?



How is the pandemic affecting our business? How do we need to adapt workforce structures, policies, supply chains, or customer relationships? When and how do we "return"?

Interested in learning more? Contact Paul Lionikis at paul.lionikis@crowe.com.

