



SOLVER

for Nonprofit Organizations

| Get Complete Insight

Updated: July 2020

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Introduction

Nonprofit Organizations have unique reporting requirements including Form 990 and documentation often required by specific Grants. Budgeting can require more detailed information than other types of organizations and budgets/actuals can be tracked for multiple years. Nonprofit Organizations related to membership can have difficulties predicting revenues. These types of organizations also sponsor many events that require budgeting and forecasting in a way that often relies on a different level of detail than the data that is stored in their source application software.

The purpose of this white paper is to provide an overview of Solver. With frequent, automated cloud updates, the solution is continuously being enhanced to drive faster, better decisions across its global customer base. For the latest information or to discuss your specific needs, please contact your local Solver partner, visit Solver's [web-site](#) or email us at info@solverglobal.com.

Check out the [Solver Showcase](#) page for hundreds of reporting, planning and dashboard examples.

Product Summary

Solver provides a single, cloud-based solution that automates reporting and planning processes, and supports faster and better decisions based on key information from across the organization's data sources.

Key benefits that Solver provides include:

- A top-rated [Corporate Performance Management \(CPM\) solution](#) by G2 based on user satisfaction
- Global partner channel with industry expertise to help you whenever and wherever
- Cloud software, support, and upgrades packaged into a subscription price providing unmatched ROI over traditional CPM solutions
- Built for business users to manage the entire solution without the need for developers
- Executive and management data from across the organization that is easily accessible in ONE place with Solver's intelligent data warehouse
- Solver's multi-tenant cloud application provides quick initiation, SOC 2 compliance, automatic software upgrades, and scalability at one's convenience
- Solver provides the power and the familiarity of cloud-connected Excel to solve the most complex formula and layout requirements for reporting and planning template designers
- Easy-to-use, pre-built integration to Power BI, the world's #1 visualization solution
- Fast and cost effective integrations provided with Solver's wizard-driven CSV, SQL, and prebuilt ERP/CRM Connectors
- Unlimited access to reports and dashboards from secure web portal
- Hybrid cloud option provides customers with real-time cloud reporting capabilities for their on-premise ERP system

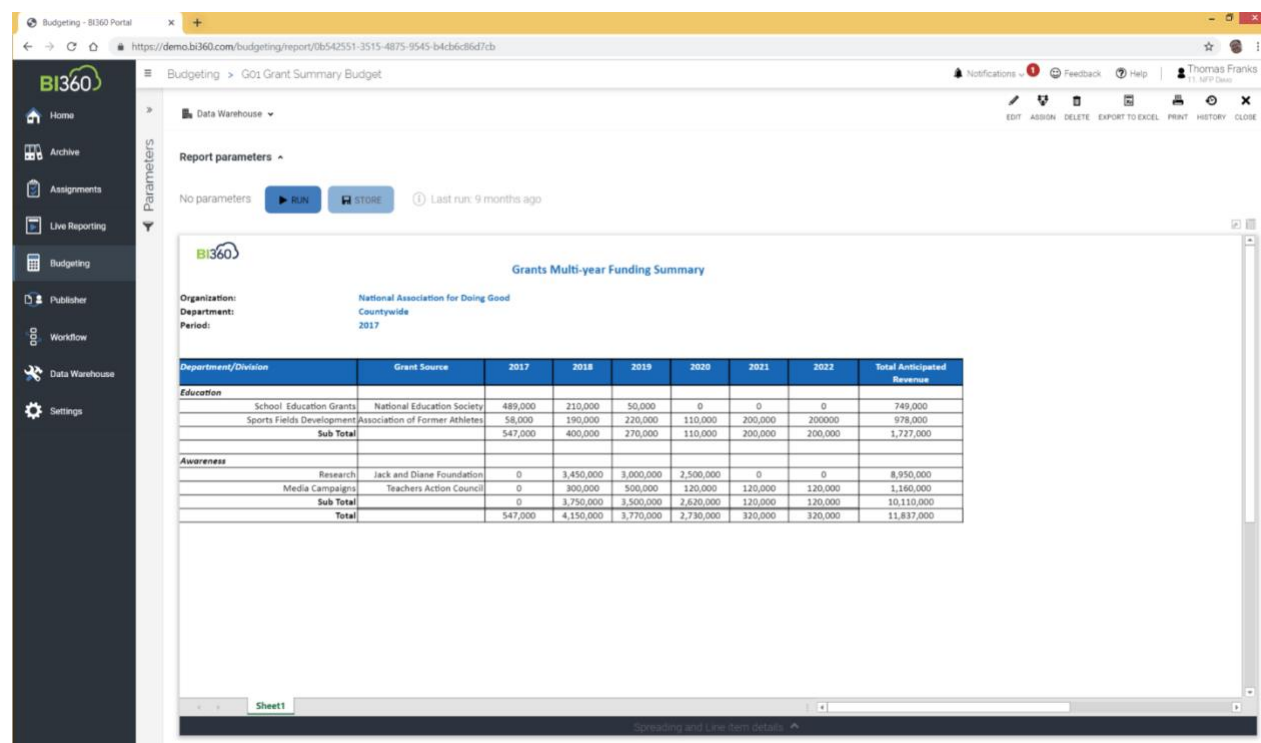


Company Summary

Solver, Inc. is redefining the category of cloud-based reporting and planning. The Solver solution is built to enable faster and better business decisions across the entire organization. Solver combines financial and other key data into a single tool, powered by the most flexible report and planning form designer on the market. Organizations use this solution to automate and streamline financial and operational reports, consolidations, and budgeting and forecasting processes. Solver empowers users with complete insight that drives intelligent decisions and competitive advantages. Headquartered in the United States, Solver, Inc. has more than a dozen offices and hundreds of partners globally that provide local and industry expertise. To learn more, visit www.solverglobal.com.

G01 – Benchmarking Dashboard

The Budgeting Template allows the input and tracking of Grant based revenue and expenses. Sometimes called Programs or Activities these revenues are for a number of years and do not necessarily start and stop during the organization's fiscal year. Solver gives the ability to track, budget and forecast this revenue accurately.



The screenshot displays the BI360 Budgeting Portal interface. The left sidebar contains navigation links: Home, Archive, Assignments, Live Reporting, Budgeting (selected), Publisher, Workflow, Data Warehouse, and Settings. The main content area shows the 'G01 Grant Summary Budget' report. The report parameters section indicates 'No parameters' and includes 'RUN' and 'STORE' buttons, with a note 'Last run: 9 months ago'. The report title is 'Grants Multi-year Funding Summary'. The organization is 'National Association for Doing Good', the department is 'Countywide', and the period is '2017'. The report displays a table with columns for Department/Division, Grant Source, and years 2017 through 2022, along with a 'Total Anticipated Revenue' column. The table is divided into two sections: Education and Awareness. The Education section includes rows for School Education Grants, Sports Fields Development, and a Sub Total. The Awareness section includes rows for Research, Media Campaigns, and a Sub Total. The Grand Total for all categories is 11,837,000.

Department/Division	Grant Source	2017	2018	2019	2020	2021	2022	Total Anticipated Revenue
Education								
School Education Grants	National Education Society	489,000	210,000	50,000	0	0	0	749,000
Sports Fields Development	Association of Former Athletes	58,000	190,000	220,000	110,000	200,000	200,000	978,000
Sub Total		547,000	400,000	270,000	110,000	200,000	200,000	1,727,000
Awareness								
Research	Jack and Diane Foundation	0	3,450,000	3,000,000	2,500,000	0	0	8,950,000
Media Campaigns	Teachers Action Council	0	300,000	500,000	120,000	120,000	120,000	1,160,000
Sub Total		0	3,750,000	3,500,000	2,620,000	120,000	120,000	10,110,000
Total		547,000	4,150,000	3,770,000	2,730,000	320,000	320,000	11,837,000

NP 031

Tracking Events is a key part of what many Nonprofit Organizations do. From Annual Meetings, fundraising events to educational events and conferences, these events have fixed and variable costs with a goal based on attendance.

The budgeting template shows how to budget multiple revenue and expense lines for each unique event for both a budgeted and forecasted attendance.

Report parameters ^

CHOOSE EVENT

A001

CHOOSE PERIOD

202108

▶ RUN

Event Forecast Form

Event Code: A001
Event Name: Annual Confernece
Event Period: Aug-2021
Event Location: Huntington Beach, CA

Financial Summary:

Budget Attendees:

Income:

Ticket Sales

Internal Transfers

Advertising Sales

Sponsorships

Total Income:

Expenses:

Space

Food/Beverage

Decoration

	Attendees	\$ Per Attendee	Per Financial Statement			Variance
			Budget	Forecast Attendees	Latest Forecast	
Budget Attendees:	500	1000	\$ 500,000		\$ -	0.0%
Income:						
Ticket Sales	0	0	\$ -	0	\$ -	0.0%
Internal Transfers	125	300	\$ 37,500	145	\$ 18,125	206.9%
Advertising Sales	250	300	\$ 75,000	215	\$ 53,750	139.5%
Sponsorships	75	100	\$ 7,500	80	\$ 6,000	125.0%
Total Income:			\$ 620,000	\$ 440	\$ 77,875	796.1%
Expenses:						
Space	1200	75	\$ 90,000	242	18150	495.9%
Food/Beverage	469	56	\$ 26,264	189	10584	248.1%
Decoration	187	16	\$ 2,992	187	2992	100.0%

NP030 Membership Dashboard

Membership is a tricky revenue budgeting item for many Nonprofit organizations. With membership tracking systems and/or a CRM system holding membership data, renewal rates, etc., tracking extra details can help budget and forecast membership revenue.

Report parameters ^

CHOOSE SCENARIO

BUD



CHOOSE PERIOD

201801



▶ RUN



Membership Enrollment Form

Membership Type:

	Number of Members Invoiced	Retention Rate	Fee Rate	CAR Dues - Existing Member	Retained Members
R/DR	15,000	97%	\$ 273.00	\$ 3,692,972	14550
Secondary	279	70%	\$ 273.00	\$ 53,317	195
Leasing	379	97%	\$ 50.00	\$ 15,392	368
Non-members	124	97%	\$ 273.00	\$ 32,667	120
VIP's	82	10%	\$ 500.00	\$ 41,000	8

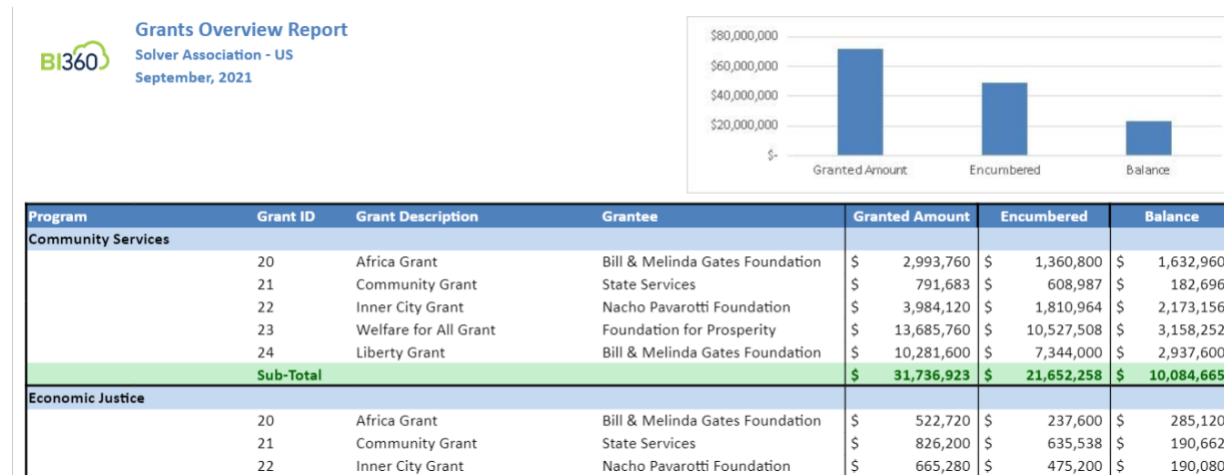
Totals: 15864 \$ 3,835,348

Monthly Projections:

	Member adds	Dues		Application Fee	IAR Fund
February	130	\$ 273.00	35,490	50	\$ 1,300.00
March	130	\$ 250.00	32,500	50	\$ 1,300.00
April	130	\$ 273.00	35,490	50	\$ 1,300.00
May	130	\$ 273.00	35,490	50	\$ 1,300.00
June	130	\$ 273.00	35,490	50	\$ 1,300.00

NFP10 – Grants Overview Report

This report example provides detailed information about Grants by Grantors and by Programs. It focuses on three key metrics: Granted Amount, Encumbered Amount and Balance. These metrics are also summarized in the chart at the top of the report.



NFP11 – Grants Paid Summary Report

This Solver report example shows Actual vs Budgeted Grants paid for the current month for which the report is run as well as for Year-to-Date. The Grants are grouped by Program, and the user can click on the Program rows to drill into the underlying Grants. Two charts at the bottom of the report provide a graphical summary of the information above.



Grants Paid - Summary by Strategy

6/25/2019 13:17

Program Initiative	September, 2021			YTD Actual	YTD Bud	Variance
	Actual	Bud	Variance			
GLOBAL DEVELOPMENT	953,165	4,399,457	(3,446,291)	8,739,012	43,422,988	(34,683,975)
Financial Services for the Poor	104,888	102,021	2,867	993,181	939,511	53,671
Special Initiatives	848,355	1,768,634	(920,279)	7,746,496	17,672,506	(9,926,010)
Water, Sanitation, & Hygiene	(78)	2,528,801	(2,528,879)	(665)	24,810,971	(24,811,636)
GLOBAL HEALTH	4,829,493	7,594,170	(2,764,677)	45,303,754	74,384,788	(29,081,034)
Infectious Diseases	1,387,226	2,309,366	(922,140)	12,959,729	22,741,901	(9,782,172)
Malaria	341,969	344,615	(2,646)	3,257,361	3,150,505	106,856
Tuberculosis	196,902	196,117	784	1,955,872	1,918,891	36,982
Pneumonia	848,355	1,768,634	(920,279)	7,746,496	17,672,506	(9,926,010)
Delivery	446,857	446,636	221	4,250,542	4,090,015	160,527
Polio	341,969	344,615	(2,646)	3,257,361	3,150,505	106,856
Vaccines	104,888	102,021	2,867	993,181	939,511	53,671
HIV/AIDS	538,870	540,732	(1,862)	5,213,233	5,069,395	143,838
Family Health	1,801,599	3,639,290	(1,837,691)	16,486,174	36,284,522	(19,798,349)
Maternal, Newborn, & Child	848,355	1,768,634	(920,279)	7,746,496	17,672,506	(9,926,010)
Family Planning	104,888	102,021	2,867	993,181	939,511	53,671
Neutrition	848,355	1,768,634	(920,279)	7,746,496	17,672,506	(9,926,010)

NFP12 – Membership Overview Report

This report example shows detailed membership statistics as well as related financial metrics by State and Region.

BI360 Membership Overview Report
Solver Association - US
September, 2021

Region	State	State Name	Number of Members	Actual Dues	Budgeted Dues	Variance %	New Members	New Member Target	Variance %	Drops
Midwest	IA	Iowa	5,312	\$ 1,593,648	\$ 1,155,456	27.5%	62	62	0.2%	39
	KS	Kansas	5,702	\$ 1,710,720	\$ 2,461,536	-43.9%	72	78	-8.1%	45
	MI	Michigan	1,137	\$ 340,992	\$ 290,304	14.9%	8	9	-8.5%	27
	MN	Minnesota	1,996	\$ 598,752	\$ 476,280	20.5%	44	46	-4.8%	46
	ND	North Dakota	1,200	\$ 359,856	\$ 705,600	-96.1%	51	53	-3.1%	27
	OH	Ohio	1,440	\$ 432,000	\$ 639,360	-48.0%	40	40	0.3%	32
	Sub-Total		16,787	\$ 5,035,968	\$ 5,728,536	-13.8%	277	287	-3.6%	216
Northeast	CT	Connecticut	2,462	\$ 738,720	\$ 355,680	51.9%	54	47	12.8%	15
	NH	New Hampshire	568	\$ 170,280	\$ 189,000	-11.0%	43	39	8.6%	4
	PA	Pennsylvania	1,110	\$ 333,000	\$ 157,500	52.7%	37	34	8.6%	7
	Sub-Total		4,140	\$ 1,242,000	\$ 702,180	43.5%	134	120	10.3%	26


NFP15 – Statement of Activity Report

This report has two pages; one is an automatically generated narrative page that, in plain language, summarizes key results shown in the second report, the Statement of Operations (Income Statement). Any other important report can be included as well, providing Nonprofit managers with a detailed and easy to understand monthly performance overview.

Statement of Activity - Variance Report										
BI360 Solver Association - US										
6/25/2019 13:18										
Account Descriptions	Actual	Prior Year	September, 2021	Var %	'Bud'	Var %	2021 YTD	2020 YTD	Variance	YTD
							Actual	Actual	Var %	Budget
Revenue										
40010 Dues	730,880	727,797	3,083	0.4%	744,401	-1.8%	7,562,564	6,787,593	774,972	11.4%
40020 Subscriptions	540,925	422,346	118,578	28.1%	421,463	28.3%	4,096,731	3,721,661	375,070	10.1%
40030 Grants	59,664	81,610	(21,946)	-26.9%	60,768	-1.8%	745,818	695,474	50,344	7.2%
40040 Other Revenue	31,677	39,605	(7,928)	-20.0%	40,601	-22.0%	363,792	351,960	11,832	3.4%
Total Revenue	1,363,145	1,271,357	91,788	7.2%	1,267,233	7.6%	12,768,904	11,556,687	1,212,218	10.5%
Expenses										
60010 Full Time - Salary	201,202	251,748	50,546	20.1%	209,510	-4.0%	2,153,389	2,107,360	46,029	2.2%
60020 Full Time - Commission	16,959	17,349	389	2.2%	16,489	2.9%	166,539	153,839	12,700	8.3%
60030 Full Time - Bonus	60,712	57,947	(2,765)	-4.8%	60,088	1.0%	549,591	523,295	26,295	5.0%
61010 Part Time - Salary	23,796	23,693	(103)	-0.4%	24,438	-2.6%	221,968	207,212	14,756	7.1%
61040 Part Time - Overtime	5,874	6,011	136	2.3%	5,738	2.4%	56,299	52,096	4,203	8.1%
61050 Part Time - Bonus	8,754	9,236	482	5.2%	8,214	6.6%	83,570	77,420	6,149	7.9%


NFP16 – Statement of Financial Position

This report example shows a detailed Statement of Financial Position (Balance Sheet) for the current month, prior month, and prior year ending month. The user can drill down on any number to see the underlying detail.

<div>  Statement of Financial Position Solver Association - US </div> <div>4/19/18 6:38 AM</div>			
	September, 2021	August, 2021	December, 2020
ASSETS			
<i>Current Assets</i>			
Cash & Equivalents	1,743,295	1,658,019	694,461
Accounts Receivable	216,540	214,683	148,406
Prepaid Expenses	76,464	75,537	46,749
Other Current Assets	57,284	56,553	32,489
<i>Total Current Assets</i>	<u>2,093,582</u>	<u>2,004,792</u>	<u>922,106</u>
<i>Property & Equipment</i>			
Building	705,263	696,457	381,126
Equipment	286,755	283,030	158,911
Computer	127,148	125,486	71,400
Accumulated Depreciation	<u>(375,802)</u>	<u>(371,402)</u>	<u>(209,131)</u>
<i>Total Property and Equipment</i>	<u>743,364</u>	<u>733,571</u>	<u>402,305</u>
Long-Term Account Receivables	230,562	227,595	130,187
Other Long-Term Assets	438,476	436,885	71,543


NFP17 – Statement of Cash Flow

This report is an example of a Statement of Cash Flows and gives financial executives an automated view of the organization's cash inflows and outflows. The report is typically combined into a management book along with the statement of Operations and the Statement of Financial Position. Solver offers a Playlist which groups reports in a presentation like manner for easy viewing/presenting.

 Statement of Cash Flow Solver Association - US			4/4/18 8:17 PM	
	September, 2021	August, 2021		
Cash Flow from Operating Activities				
Net Income	88,605	(46,335)		
Adj NI to Net Cash Provided by Ops. Activities				
Depreciation & Amortization Expense	(37,987)	(47,301)		
Other Current Assets	(731)	(819)		
Non-Current Assets	(8,096)	(9,887)		
Accounts Receivable	(1,857)	(2,434)		
Accounts Payable	2,029	2,239		
Prepaid Expenses	(926)	(1,000)		
Net Cash Provided by Operating Activities	41,037	(105,537)		
Cash Flows from Investing Activities				
Purchase of Property, Plant, and Equipment	(14,194)	(17,993)		
Accumulated Depreciation	42,387	52,830		
Net Cash from Investing Activities	28,194	34,837		


NFP20 – Accounts Receivables (AR) Report

This is an example of a detailed operational report that shows AR aging data per member/customer. If your invoices are scanned into a document management system, the report (as seen below) can include hyperlinks where the user can drill down and open the images of the related invoices.

<div>  Accounts Receivable Report </div> <div> <div>Solver Association - US</div> <div>September, 2021</div> <div>4/19/18 6:42 AM</div> </div>						
Customer Description	Link to Invoice From BI360	Link to Invoice Smart Name	Sales Person	Document ID	Document Date	Amount
				11080	09/07/21	(7,450.00)
Aaron Fitz Electrical						(7,450.00)
	BI360 Link to Invoice	Smart Link to Invoice		10080	09/03/21	114,415.53
Advanced Tech Satellite System						114,415.53
				19850	09/20/21	(4,850.00)
Alton Manufacturing						(4,850.00)
	BI360 Link to Invoice	Smart Link to Invoice		11060	09/07/21	56,042.00
Associated Insurance Company						56,042.00
				78000	09/30/21	(73,026.00)
Astor Suites						(73,026.00)
	BI360 Link to Invoice	Smart Link to Invoice		11730	09/10/21	105,079.00
Berry Medical Center						105,079.00

NFP21 – Accounts Payables (AP) Report


This is an example of a detailed operational report that shows AP data per vendor. The user can click on a vendor row, and it will expand to display each payment to that vendor for the time range the report is run for.

		Accounts Payable Report		4/4/18 8:19 PM	
		Solver Association - US			
		September, 2021			
Vendor	Document ID	Document Date	Comment	Amount	
	10460	09/30/2021		(183)	
	12030	09/30/2021		(83)	
	13080	09/30/2021		(446)	
	17840	09/12/2021		(610)	
	17860	09/12/2021		(462)	
	18170	09/12/2021		(1,962)	
	18500	09/12/2021		(35)	
	60070	09/30/2021		25,292	
A Travel Company				21,513	
Advanced Office Systems				(164,245)	
Allenson Consulting				(31,610)	
Associated Insurance Inc.				23,852	
Attractive Telephone Co.				16,530	
Bloom Supplies				(81,742)	
Burnett Travel Associates				3,163	
Business Magazine				18,463	

NFP30 – Strategy Input Form

This example shows the unique capability of Solver to offer custom input forms for any type of data capture, such as budgets, forecasts or any data that you want stored in the database to be reported back on or exported. The input forms can be both Excel-based and web-based.

Nonprofits face the responsibility of documenting and tracking the success of their efforts. The ability to track these efforts can be key to future funding.

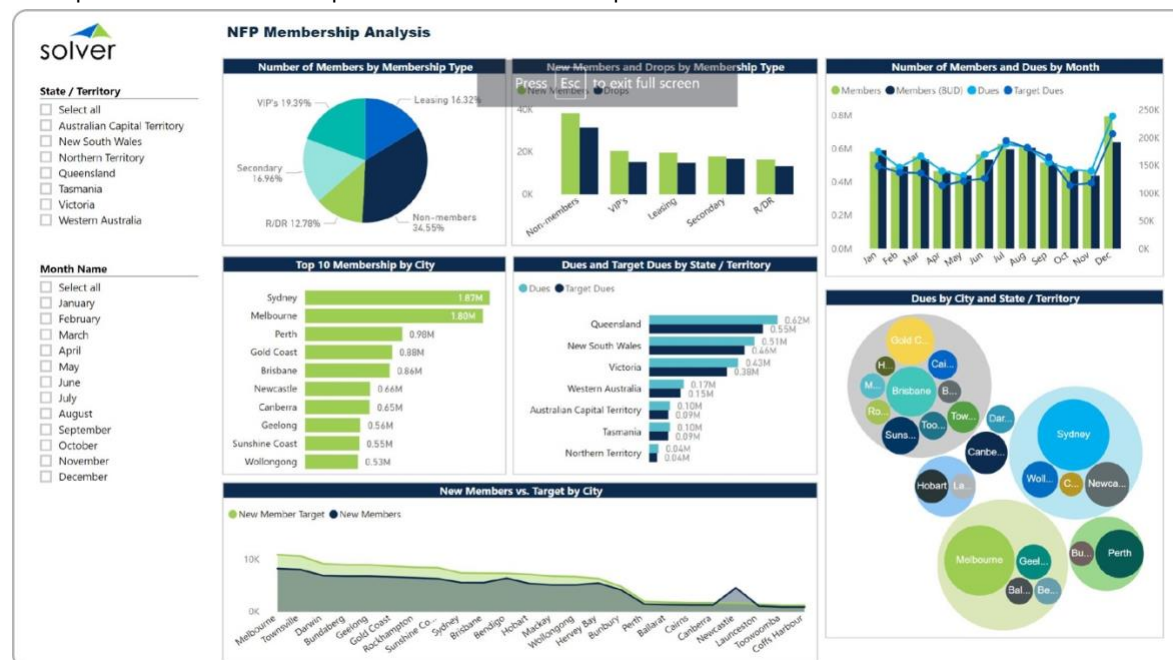
 Long Term Strategy Planning - Funding											
Program Initiative	Actual 2021	Act + Fcst 2022	Strategy 2023	Strategy 2024	Strategy 2025	Strategy 2026	Strategy 2027	Strategy 2028	Strategy 2029	Strategy 2030	
GLOBAL DEVELOPMENT	7,800,299	8,740,342	0	0	0	0	0	0	0	0	0
Financial Services for the Poor	930,779	993,181									
Special Initiatives	6,868,899	7,746,496									
Water, Sanitation, & Hygiene	620	665									
GLOBAL HEALTH	26,686,257	28,817,580	0	0	0	0	0	0	0	0	0
Infectious Diseases	11,773,611	12,959,729	0	0	0	0	0	0	0	0	0
Malaria	3,062,865	3,257,361									
Tuberculosis	1,841,847	1,955,872									
Pneumonia	6,868,899	7,746,496									
Delivery	3,993,644	4,250,542	0	0	0	0	0	0	0	0	0
Polio	3,062,865	3,257,361									
Vaccines	930,779	993,181									
HIV/AIDS	4,904,712	5,213,233									
Family Health			0	0	0	0	0	0	0	0	0
Maternal, Newborn, & Child	6,868,899	7,746,496									

NonProfit Power BI Dashboards

Nonprofit Financial Dashboard Example:



Nonprofit Membership Dashboard Example:



Nonprofit Grants and Events Dashboard Example:

