This page demonstrates and documents how the predicted monthly income is calculated. Sele

Model Intercept		2018			January	
5238.307	+	5342.468524	+		-3486.445	+
						Override:

Table of Coefficients

Year	b1	Month	Month #	b2
2010	-3474.381	January	1	-3486.445
2011	-2206.039	February	2	-1646.871
2012	-85.59038	March	3	-910.2321
2013	534.70119	April	4	-175.5756
2014	5231.309	May	5	-105.0493
2015	10642.04705	June	6	504.19709
2016	13313.75645	July	7	-42.76958
2017	7525.051304	August	8	-158.9922
2018	5342.468524	September	9	681.22068
		October	10	1532.4469
		November	11	-10.89657
		December	12	3818.9665

"Expanded Estimates" Output from JMP

Term	Estimate	Std Error	t Ratio	Prob>|t|
Intercept	5238.3069	1902.359	2.75	0.009
Month[January]	-3486.445	727.1004	-4.79	<.0001
Month[February]	-1646.871	814.1821	-2.02	0.0502
Month[March]	-910.2321	813.9462	-1.12	0.2705
Month[April]	-175.5756	727.0359	-0.24	0.8105
Month[May]	-105.0493	727.1004	-0.14	0.8859
Month[June]	504.19709	814.1642	0.62	0.5394
Month[July]	-42.76958	939.2061	-0.05	0.9639
Month[August]	-158.9922	731.6846	-0.22	0.8291
Month[Septembe	681.22068	728.2588	0.94	0.3555
Month[October]	1532.4469	741.5451	2.07	0.0456
Month[Novembe	-10.89657	727.3515	-0.01	0.9881
Month[Decembe	3818.9665	743.6577	5.14	<.0001
Year[2010]	-3474.381	463.0894	-7.5	<.0001
Year[2011]	-2206.039	534.126	-4.13	0.0002
Year[2012]	-85.59038	455.5739	-0.19	0.852
Year[2013]	534.70119	444.4065	1.2	0.2363
Year[2014]	5231.309	553.8223	9.45	<.0001
Monthly Givers	319.44939	51.89173	6.16	<.0001

ct or input values in the yellow cells.

Average Monthly # Families Giving				Average 2018 Predicted Month Income		Sundays in January 2018			
33.8	*	319.4494	=	$ 21,378	*	4	/	52/12	=
33.8									

2018 Predicted Yearly Income

$ 257,526

2018 Predicted (Jan-May)	$ 97,723.66	
2018 Actual (Jan-May)	$ 97,723.66	
Regressed b1	5342.468524	
275K Projection	6804.529217	

January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

The predicted monthly income predicted by the function represented to the left is for a month with 4.333 Sundays.

	Sundays	July to Jun
		Sundays
####	5	July
	4	August
	5	September
	4	October
	4	November
	5	December
	4	January
####	4	February
	5	March
	4	April
	4	May
	5	June
Total	53	Total

January 2018 Predicted Month Income	
$	16,515

Predicted Monthly Incomes for 2018	
$	16,515
$	18,214
$	18,893
$	24,465
$	19,637
$	20,199
$	24,618
$	19,587
$	25,453
$	21,148
$	19,724
$	29,074
	257,526

e Fiscal Year Income	
$	24,153.28
$	19,217.36
$	24,972.89
$	20,749.23
$	19,351.49
$	28,525.05
$	16,203.82
$	17,869.85
$	23,171.24
$	19,202.34
$	19,266.22
$	24,772.49
$	257,455.27