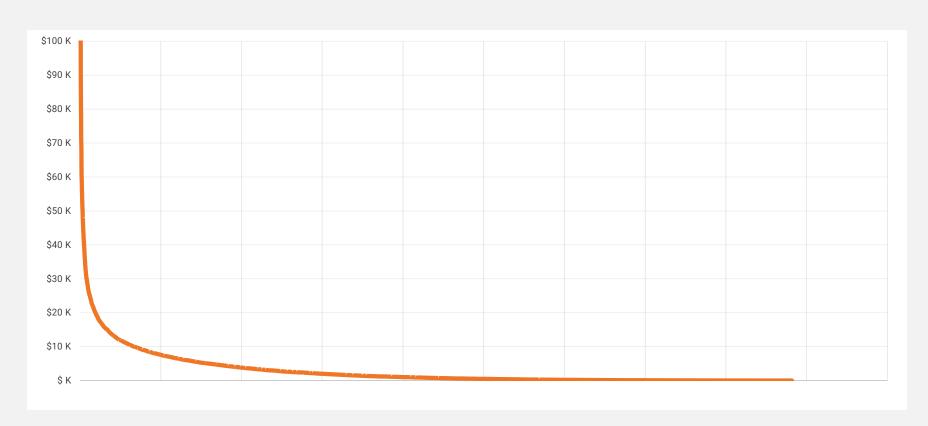




Typical Yearly Giving Distribution





Power Log Distribution



Collective Philanthropy: Describing and Modeling the Ecology of Giving

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4077655/



Deformed Zipf's Law in Personal Donation

https://www.researchgate.net/publication/231134991_Deformed_Zipf's _law_in_personal_donation



Power Log Distribution Long Tail Distribution Zipfs Distribution Pareto Principle

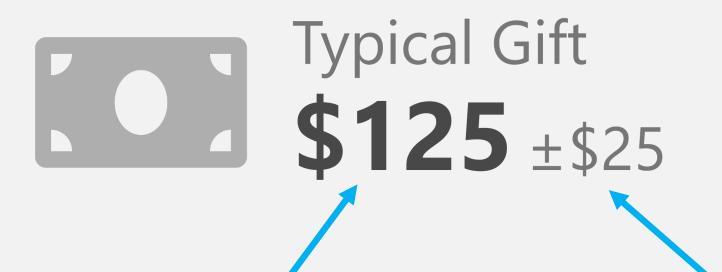
Head Tail



Typical Yearly Giving Distribution



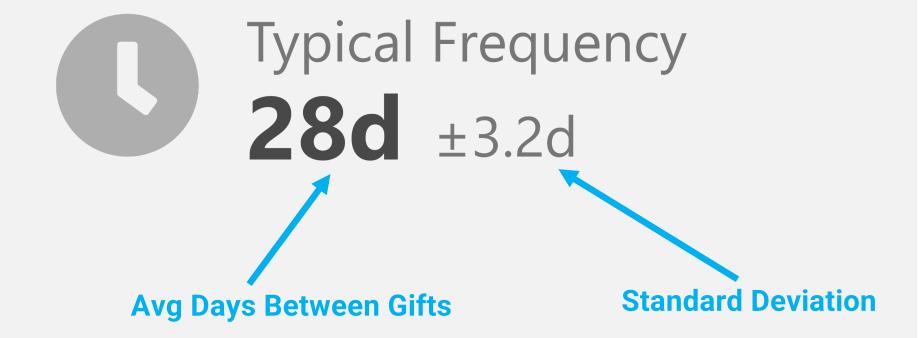




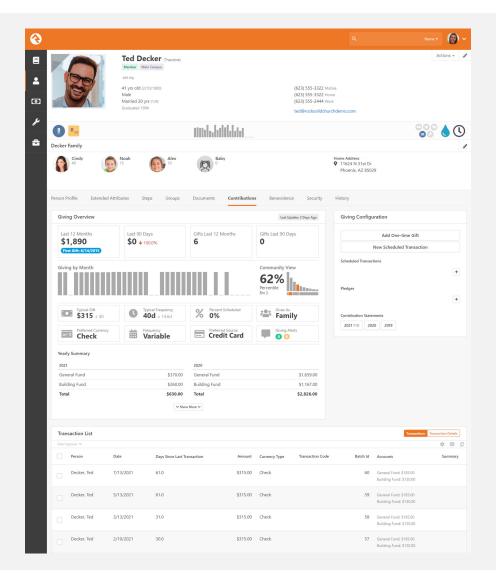
Median Amount

Interquartile Range (IRQ)











△ Giving Overview

Last 12 Months

\$6,924

First Gift: 2/10/2008

Last 90 Days

\$1,804 **\(\psi\)** 8.4%

Gifts Last 12 Months

40

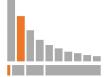
Gifts Last 90 Days

12





Community View





Typical Gift

\$235 ± \$217



Typical Frequency

 $10d \pm 6.2d$

Percent Scheduled

61%



Gives As

Family



Preferred Currency

Credit Card



Frequency

Bi-Weekly



Preferred Source

Website



Giving Alerts







Last 12 Months

\$8,453

First Gift: 1/10/2018

Last 90 Days

\$1,497 **\(\psi \)** 37.5%

Gifts Last 12 Months

57

Gifts Last 90 Days

10





Community View

87%Percentile
Bin 1





Typical Gift **\$157** ± \$245



Typical Frequency **7d** ± 5.1d



Percent Scheduled **0%**



Gives As **Family**



Preferred Currency

Credit Card



Frequency **Weekly**



Preferred Source Website



Giving Alerts





△ Giving Overview

Last 12 Months

\$2,750

First Gift: 1/6/2007

Last 90 Days

\$650 **↑** 8.3%

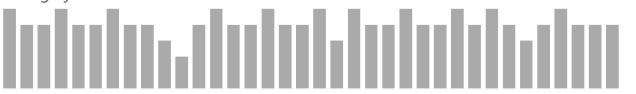
Gifts Last 12 Months

55

Gifts Last 90 Days

13





Community View

Percentile Bin 3





Typical Gift \$50 ± \$0

Typical Frequency

7d ± 1.0d

Percent Scheduled 100%



Gives As **Family**



Preferred Currency **Credit Card**



Frequency Weekly



Preferred Source Website



Giving Alerts











General Settings The settings below help to configure the givin	g analytics features within Rock.		
Enable Giving Analytics Days to Update Giving Group Classifications			
Sunday Monday	TuesdayWednesday	▼ Thursday✓ Friday	✓ Saturday
TransactionTypes ✓ Contribution	Event Registration		
Accounts All Tax Deductible Accounts Custom	n		



TransactionDateTime	DaysSinceLastGift	FrequencyAlertStdDevs	Amount	AmountAlertStdDevs
1/27/2018			\$ 350.00	
3/12/2018	43.7		\$ 500.00	
4/17/2018	36.4		\$ 500.00	
6/4/2018	47.5		\$ 500.00	
11/13/2018	162.1		\$3,500.00	
12/7/2018	24.2		\$ 100.00	
12/7/2018	-		\$ 400.00	
12/19/2018	12.4		\$6,000.00	
12/26/2018	6.7		\$3,700.00	
1/27/2019	31.9		\$ 300.00	
7/27/2019	181.0	3.1	\$1,000.00	
10/8/2019	73.3		\$ 600.00	
10/8/2019	0.0		\$ 800.00	
12/1/2019	54.1		\$ 300.00	
12/29/2019	27.9		\$1,000.00	
1/30/2020	31.2		\$ 300.00	
3/3/2020	33.0		\$ 300.00	
3/30/2020	27.0		\$ 300.00	
4/20/2020	21.9		\$1,300.00	2.2
6/5/2020	45.8		\$ 300.00	
6/5/2020	0.0		\$ 300.00	
7/26/2020	51.2		\$ 300.00	
10/8/2020	73.5		\$ 300.00	



Bin

Percentile 78.08%

Senior married woman who serves.

Frequency

Erratic

Preferred Currency ACH

Amount Given \$4,000

Avg Days Between Gifts 67.3

Avg Gift Amount \$666.67

% of Gifts Scheduled

0

Preferred Source Online

Transaction Count
6

Std Dev Days

Std Dev Amount \$292.50



2019	1	35	1/11/2019	28.00	3.793753524	\$ 159.00	
2019	2	36	1/25/2019	14.00		\$ 141.00	
2019	3	37	2/2/2019	8.28		\$ 44.00	
2019	4	38	2/8/2019	5.81		\$ 161.00	
2019	5	39	2/22/2019	13.80		\$ 165.00	
2019	6	40	3/8/2019	14.14		\$ 146.00	
2019	7	41	3/20/2019	12.13		\$ 50.00	
2019	8	42	3/22/2019	1.79	-1.776348838	\$ 146.00	
2019	9	43	4/5/2019	13.96		\$ 152.00	
2019	10	44	4/19/2019	14.04		\$ 146.00	
2019	11	45	4/25/2019	6.52		\$ 52.00	
2019	12	46	5/3/2019	7.69		\$ 205.00	
2019	13	47	5/17/2019	13.79		\$ 145.00	
2019	14	48	5/31/2019	13.99		\$ 146.00	
2019	15	49	6/14/2019	13.99		\$ 166.00	
2019	16	50	6/28/2019	14.05		\$ 159.00	
2019	17	51	7/12/2019	13.99		\$ 168.00	
2019	18	52	7/26/2019	14.00		\$ 149.00	
2019	19	53	8/9/2019	14.48		\$ 173.00	
2019	20	54	8/23/2019	13.46		\$ 160.00	
2019	21	55	9/6/2019	14.34		\$ 151.00	
2019	22	56	9/20/2019	13.73		\$ 176.00	
2019	23	57	10/4/2019	14.41		\$ 148.00	
2019	24	58	10/18/2019	13.56		\$ 148.00	
2019	25	59	11/1/2019	13.97		\$ 200.00	
2019	26	60	11/15/2019	14.05		\$ 146.00	
2019	27	61	11/29/2019	14.01		\$ 153.00	
2019	28	62	12/13/2019	14.45		\$ 244.00	
2019	29	63	12/27/2019	13.48		\$ 178.00	
			,,			,	
2020	1	64	1/10/2020	13.74		\$ 182.00	
2020	2	65	1/26/2020	16.00		\$ 211.00	
2020	3	66	2/8/2020	13.00		\$ 301.00	1.500689
2020	4	67	2/21/2020	13.00		\$ 290.00	
2020	5	68	3/6/2020	14.00		\$ 198.00	
2020	6	69	3/20/2020	14.00		\$ 192.00	
2020	7	70	4/3/2020	14.34		\$ 201.00	
2020	8	71	4/18/2020	15.24		\$ 273.00	
2020	9	72	5/1/2020	12.77		\$ 152.00	
2020	10	73	5/15/2020	14.50		\$ 225.00	
2020	11	74	5/30/2020	14.74		\$ 149.00	
2020	12	75	6/12/2020	12.73		\$ 159.00	
2020	13	76	6/26/2020	13.99		\$ 171.00	
2020	14	77	7/24/2020	27.99	3.537661155	\$ 145.00	
2020	15	78	8/7/2020	14.24	3.337001133	\$ 163.00	
2020	16	78	8/21/2020	13.78		\$ 207.00	
2020	17	80	9/4/2020	13.91		\$ 153.00	
2020	18	81					
2020	18	82	9/19/2020	15.30 12.78		\$ 163.00	
2020	20	82	10/2/2020	14.01		\$ 160.00	
2020	21	84	10/16/2020			\$ 177.00 \$ 226.00	
			10/31/2020	15.43			
2020	22	85	11/13/2020	12.47		\$ 171.00	



Bin

,

Percentile 79.65%

Late forties single woman.

Frequency Biweekly

Preferred Currency
Credit Card

Amount Given \$4,377

Avg Days Between Gifts 12.5

Avg Gift Amount \$150.93

% of Gifts Scheduled

0%

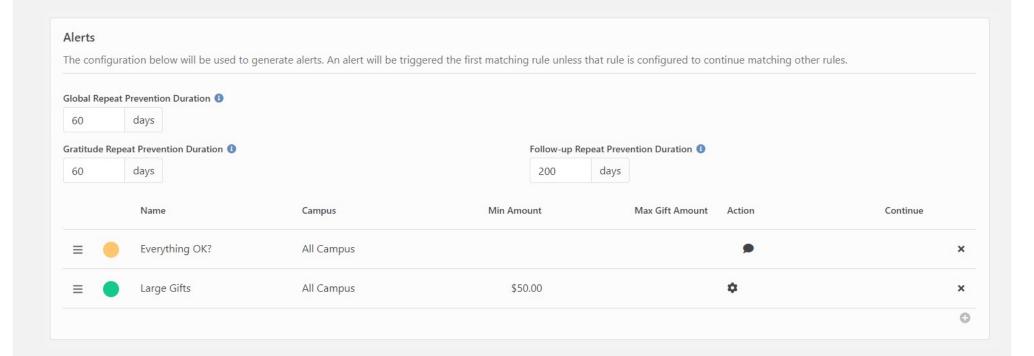
Preferred Source Online

Transaction Count 29

Std Dev Days 3.2

Std Dev Amount \$40.92

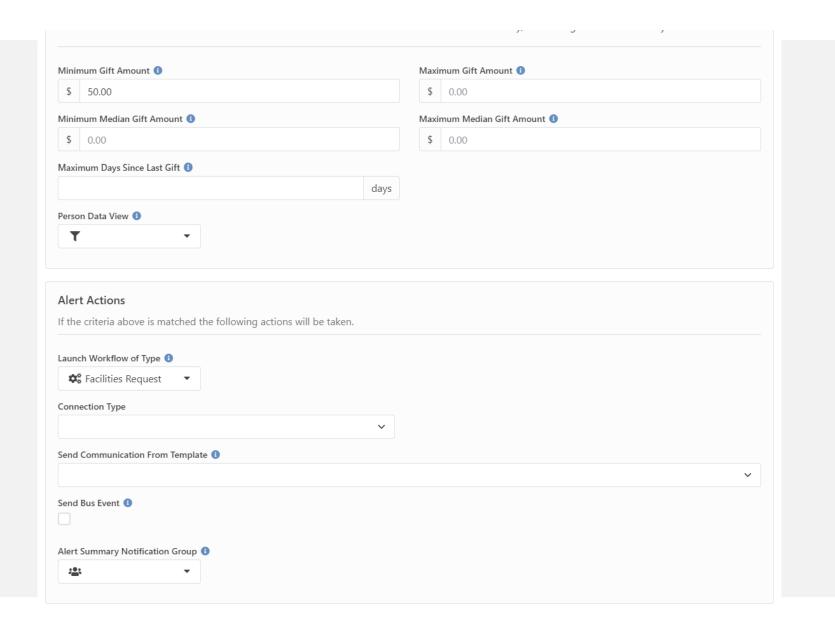






Alert Details Name • Campus Large Gifts Alert Type Continue If Matched 1 Gratitude Follow-up Days to Run Repeat Prevention Duration (1) Sunday Saturday Tuesday ✓ Thursday 120 days ✓ Monday ✓ Wednesday Friday Match Criteria The following criteria will be considered to determine if this alert should be fired. Amount Sensitivity Scale (1) The amount sensitivity scale determines how many gifts will trigger the alert based on the amount of the gift. This will most often be used to alert for 3.00 situations when a gift is larger than expected. Positive numbers will trigger alerts for gifts larger than normal. Negative Values would trigger for gifts smaller than expected (use caution). Typical Values are shown below. • 2 (Aggressive) - This would alert when a gift was within 2 times the interquatile range (IQR) from their median gift amount. For a biweekly giver with a median gift of \$400 and an IQR of \$65, this alert would be generated if a gift of \$530 was recieved. • 3 (Normal) - This would alert when a gift was within 3 times the interquartile range (IQR) from their median gift amount. For a biweekly giver with a median gift of \$400 and an IQR of \$65, this alert would be generated if a gift of \$595 was recieved. In the event that there is a very consistent giver—every gift is the exact same amount—we use a fallback value. The fallback amount sensitivity is calculated as 15% of the median gift amount.







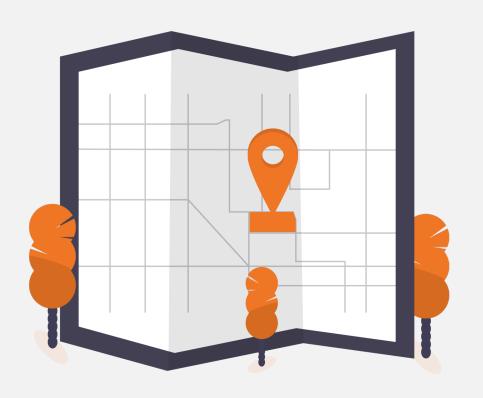
Alert Details Name • Campus Everything OK? Alert Type Continue If Matched 1 O Follow-up Gratitude Days to Run Repeat Prevention Duration (1) Sunday Tuesday Thursday Saturday days Monday ✓ Wednesday ✓ Friday Match Criteria The following criteria will be considered to determine if this alert should be fired. Amount Sensitivity Scale (1) The amount sensitivity scale determines how many gifts will trigger the alert based on the amount of the gift. This will most often be used to alert for situations when a gift is larger than expected. Positive numbers will trigger alerts for gifts larger than normal. Negative Values would trigger for gifts smaller than expected (use caution). Typical Values are shown below. • 2 (Aggressive) - This would alert when a gift was within 2 times the interquatile range (IQR) from their median gift amount. For a biweekly giver with a median gift of \$400 and an IQR of \$65, this alert would be generated if a gift of \$530 was recieved. • 3 (Normal) - This would alert when a gift was within 3 times the interquartile range (IQR) from their median gift amount. For a biweekly giver with a median gift of \$400 and an IQR of \$65, this alert would be generated if a gift of \$595 was recieved.



	same amount—we use a fallback value. The fallback amount sensitivity is calculated as 15% of the median gift amount.
Frequency Sensitivity Scale 3.0	The frequency sensitivity scale determines how many gifts will trigger the alert based on the frequency. This will most often be used to alert for situations when a gift would have been expected but not given. Positive numbers would trigger alerts for gifts that are late. Negative Values would trigger for gifts that are early.
	 Typical Values are shown below. 2 (Aggressive) - This would alert when a gift was within 2 standard deviations from their mean. For a bi-weekly giver with a mean of 14 days and a standard deviation of 3.8, this alert would be generated if no gift was recieved within 22 days since their last gift. 3 (Normal) - This would alert when a gift was within 3 standard deviations from their mean. For a bi-weekly giver with a mean of 14 days and a standard deviations of 3.8, this alert would be generated if no gift was recieved within 26 days since their last gift.
	In the event that there is a very consistent giver—every gift is the same number of days apart—we use a fallback value. The fallback frequency sensitivity is calculated as 15% of the average days between gifts. If that value is less than a day, then we again fallback to 3 days.
Minimum Gift Amount ①	Maximum Gift Amount ①
\$ 0.00	\$ 0.00
Minimum Median Gift Amount 1	Maximum Median Gift Amount 1
\$ 0.00	\$ 0.00
Maximum Days Since Last Gift 1	
	days

in the event that there is a very completent given every given the exact





Giving Journeys

Celebrating Steps of Faith



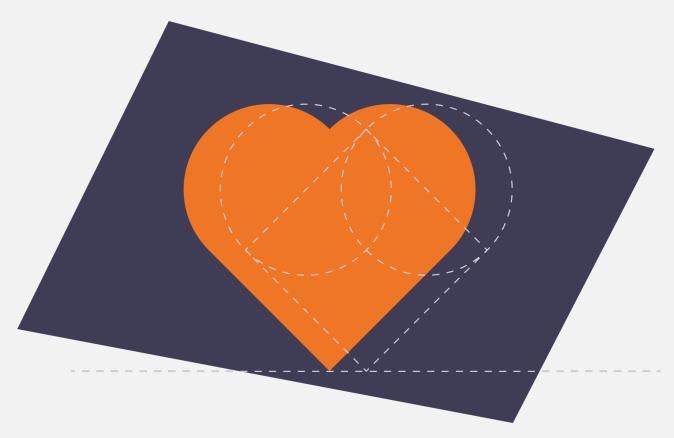


- 1.Non-Giver
- 2.New Giver
- 3.Occasional Giver
- 4. Consistent Giver
- 5.Lapsed Giver
- 6.Former Giver



Days to Update Giving	Journeys				
		Tuesday Wednesday		☐ Thursday ☐ Friday	Saturday
Former Giver	No Contribution in the Last •			Median Frequency Less Than	Former Givers are defined as not having a contribution since the
	375	Days	and	320 Days	number of days provided and having a median frequency less than th number of days provided. Providing no value for Median Frequency would have the effect of not having it be considered.
Lansed Giver	No Contribution in the Last •		Median Frequency Less Than	Lapsed Givers are defined as not having contributed since the numbe	
	150	Days	and	100 Days	of days provided and having a median frequency less than the numbe of days provided. Providing no value for Median Frequency would hav the effect of not having it be considered.
	Contribution Count Betwee	n •		First Gift in the Last	
New Giver	1 to 5		and	150 Days	New Givers are defined as having a total contribution count between the values provided. Their first contribution must also be within the number of days contigured.
	Median Frequency Days •				
Occasional Giver	33 to 94				Occassional Givers are defined as having a median frequency betwee the days provided. They must also have at least one gift in that timeframe.
Consistent Giver	Median Less Than •				Consistent Givers are defined as having a median frequency less than
	32	Days			the days provided. They must also have at least one gift in that timeframe.





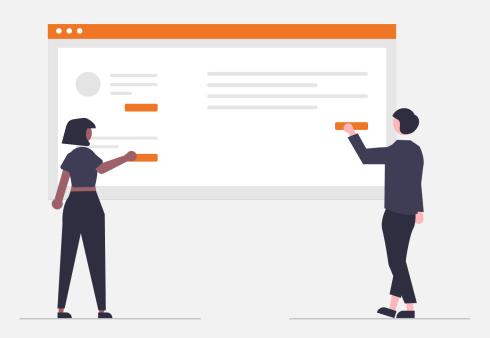


Special Thanks



Rodney Ross





Extra Testing Needed During Beta

