Measuring Client Retention

SEEP AGM Chuck Waterfield October 2005

Why Measure Client Retention? We measure things that are important! ... and retention is very important to a business Client retention is a useful (but limited!) measure of client satisfaction Client retention has significant implications for institutional costs, productivity, income, market saturation, competitiveness, public image, staff morale, financial sustainability, and many other areas!

How to Measure Retention

When picking the specifics of any management ratio, we first need to ask the question: "What is it exactly that you want to know?" For example, are you interested in: Projecting portfolio activity? Tracking "Active Clients" (not exclusively borrowers) Answering the question: "Are our clients satisfied?" Your decision will affect how you choose to define and measure client retention

Retention80%(do our clients remain?)Desertion20%(do our clients leave?)

Total

Retention Desertion Immediate Renewal

→ Resting

Graduate/shift to another product

Total

100%

80%



Total

Retention Desertion 80% 20% <

Total

100%

Immediate Renewal <

Resting

нарру

Will borrow again

Just wants other services

Graduate/shift to another product

, Rejected (bad client)

Dissatisfied

Satisfied, but no further need

The Simple^x Approach

Retention Desertion 80% 20% \ Immediate Renewal <

Resting

′ Нарру

Will borrow again

Just wants other services

Graduate/shift to another product

, Rejected (bad client)

Dissatisfied

Satisfied, but no further need

Total

Counting Active Clients

Retention Desertion Immediate Renewal

Resting

Graduate/shift to another product

Total



80%

20%

Let's work out a way to count "Active Clients", which captures all three of these categories

Using a Timeline...

1 Jan

31 Dec

Ana John Tony Maria

End Clients 3 Retention = ----- = 75% Beginning Clients 4





So is this what the Industry uses?

No, many use:

Begin Clients + New Clients – End Clients

Desertion =

Begin Clients

After doing lots of algebra (trust me on this...) this converts into:

End Clients - New Clients Retention = ------Begin Clients

Compare with ours:

End Clients Retention = ------Begin Clients + New Clients

Testing our two formulas

	"Old" Formula	Our formula-in-development
In the second	End Clients - New Clients	End Clients
	Begin Clients	Begin Clients + New Clients
Begin = 4	4-2 2	4 4
New $= 2$	= = 50%	= = 67%
End $= 4$	4 4	4 + 2 6
Begin = 1000	2000 - 2000 0	2000 2000
New = 2000	= = 0%	= = 66%
End = 2000	1000 1000	1000 + 2000 3000
Begin = 100	1900 - 2000 - 100	1900 1900
New = 2000	= = -100%	= 90%
End = 1900	100 100	100 + 2000 2100

Which formula seems to give more logical results?



An Alternative Approach: Tracking Loan Renewals (the Microfin formula)

- Strictly speaking, we are interested in knowing if a client buys our product again when they have used up their previous purchase, i.e., when they have reached a "decision point".
- In other words, when they finish paying one loan, do they request and receive a second loan?
- If 100 clients pay off their loan and 80 of them receive a follow-up loan, our retention rate is 80% (80 / 100) (This is what Microfin uses)
 Can things really be this easy? Unfortunately, no.



Retention would be 3 of 5 (60%) but depending on our measurement system we may only measure 1 of 5 (20%).



An 80% Retention Rate "per cycle" will result in very different number of clients remaining after one year, i.e. the "Annualized Retention Rate".A 12-month loan term will have 80 clients left after one year; a 3-month loan term will have only 41 clients.

A problem with the Timeline: How to consider "decision points"?



Wait! Paul is still on his first loan and has not had a chance to leave. He really **shouldn't be included in our retention formula!** Nor, in fact, anyone else who did not have a decision point during the measuring period, i.e., clients who start and end the period on the same loan.

So now we have a real mess...

The "old" industry formula distorts results in several ways, and our "new" formulaunder-development" also doesn't work The margin of error increases if: The loan term (i.e., the clients first opportunity to leave) is long relative to the measuring period The institution is growing, with many clients

still on their first loan

Is there a way out?

 Can we adapt our formula to exclude clients who are still on their first loan?
 Can we quantify how many clients are on their same loan, who haven't reached a "decision point"?
 Yes! We can use the following formula: End Clients – Clients on same loan

Begin Clients + New Clients – Clients on same loan



Conclusion

It now appears there may be a way that we can measure Retention of "Active Clients"

- We need to define and track Active Clients distinct from Active Loans
- We can come close with the formula: End Clients

Retention = -----

Begin Clients + New Clients

If we can quantify "active first loans" at the end of the reporting period we can have a precise measure with the formula:

End Clients – Active First Loans

Retention =

Begin Clients + New Clients - Active First Loans