



## Will history repeat itself?

**LAmigrate** enables you to analyze past loan and customer performance to help predict future performance.

With a click of the mouse you will be able to forecast your portfolio performance based on a selected period of time or an average of a number of periods to your current portfolio.

Main Migration Matrix ViewAll Apply Clear Header Extract Help															Average Period Forecasted									
Total Loan Portfolio															Projected from									
PD	%Vol	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Paid	Loss	%Vol	New Volume	Dec-2010 to Dec-2011	LGD%	LGD%		
1	11%	58%	10%	4%	3%	1%										24%	0.01%	9%	46,861,000	9.5%				
2	16%	3%	55%	9%	4%	9%	2%									19%	0.02%	15%	72,977,869	9.4%				
3	21%	1%	5%	66%	11%	4%	2%	0%								11%	0.04%	20%	80,235,780	7.5%				
4	20%		3%	7%	53%	15%	2%	1%	1%							17%	0.2%	0.08%	19%	95,168,243	8.0%			
5	20%			3%	7%	67%	5%	4%	2%							12%	0.3%	0.14%	21%	75,248,630	8.2%			
6	9%				2%	8%	71%	3%	1%							14%	0.4%	0.47%	9%	26,400,352	17.2%			
7	3%					1%	13%	57%	5%	2%						21%	0.9%	0.78%	4%	16,829,941	10.3%			
8	1%						16%	4%	55%	5%						18%	2.2%	5.52%	1%	2,220,297	13.9%			
9	1%							9%	0%	42%						35%	15.0%	21.19%	1%	1,530,265	42.4%			
10																								
11																								
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Current Volume	\$ 1,233,317,273	New Volume	\$ 417,472,387
Pro forma Volume	\$ 1,451,796,840	Volume Change	\$ 218,479,568
Current PD Rating	3.71	Paid/RunOff	\$ 194,013,118
Pro forma PD Rating	3.83	PD Rating Change	0.12
Expected loss from Dec-2010 to Dec-2011 (based on historical loss)	\$ 4,462,643	Loss Change	\$ 74,842
Expected loss from Dec-2011 to Dec-2012 (based on historical loss)	\$ 4,537,485	Loss Change	\$ 74,842
Expected loss from Dec-2010 to Dec-2011 (based on PD% x LGD%)	\$ 5,055,815	Loss Change	\$ 68,684
Expected loss from Dec-2011 to Dec-2012 (based on PD% x LGD%)	\$ 5,124,499	Loss Change	\$ 68,684

Apply your current migration pattern or selected average migration patterns to forecast portfolio performance. Stress your portfolio based on actual historical events. Include portfolio run-off and portfolio growth. Project changes in allowance for loss.

## Correlations

How diversified is your loan portfolio?  
Concentrations = volatility = increased losses.

Main Current Average Forecast Correlation Re-Set Header Print Extract Help														
RISK CORRELATION														
Financial Institution														
Correlation coefficients from		Dec-09	through	Dec-10	Correlate: Change in PD Risk									
Portfolio Segment: Total Loan Portfolio														
Industry	Construction	Agriculture	Retail Trade	Health Care	Manufacturing	Wholesale Trade	Others	Construction	Agriculture	Retail Trade	Health Care	Manufacturing	Wholesale Trade	Others
Construction														
Agriculture	(0.99)													
Retail Trade	(0.50)	0.64												
Health Care	0.43	(0.48)	(0.45)											
Manufacturing	0.43	(0.56)	(0.94)	0.14										
Wholesale Trade	(0.25)	0.17	(0.23)	0.76	(0.06)									
Others	(0.85)	0.75	0.00	(0.41)	0.12	0.22								

Understand your risk diversification! Compile a historical correlation matrix by your selected portfolio segmentation. Use this information to better manage your concentration risk. Reduce Volatility! Reduce losses!

Call Today to Schedule a 20-Minute Value-Based Web Demonstration. See for yourself how LoanAnalytics **LAmigrate** enables you to:

Show you how loans and customers performed in the past  
Validate PD and LGD percentages used in your allowance calculation

Project portfolio performance based on historical migrations

Know the historical correlations of your sub-portfolios (How diversified is your portfolio?)

Email today!  
info@loananalytics.com  
Or call 952-322-2220