

## CMR/RED COMPARISON TABLE

	CMR	RED
<b>Information structure</b>		
Data inputs .....	535 cells + 26 fields .....	262 fields.
Distinct instructions .....	220 paragraphs .....	116 paragraphs.
Granularity increases possible .....	No .....	Yes.
<b>Credit-risk measurement</b>		
LTV .....	No .....	Yes (optional).
Borrower credit rating .....	No .....	Yes (optional).
Commercial loan ratings .....	No .....	Yes (optional).
Commercial borrower ratings .....	No .....	Yes (optional).
Commercial loan SNC status .....	No .....	Yes (optional).
Consumer loan collateral .....	No .....	Yes (optional).
Non-performing loans .....	Limited .....	Limited.
Valuation allowances .....	Limited .....	Limited.
<b>Miscellaneous</b>		
Geographic exposure data .....	No .....	Yes (optional).
<b>Bucketing</b>		
Fixed-rate mortgages:		
Mortgage vs. MBS .....	No .....	Yes.
Coupon range .....	Five 100 bp ranges .....	25 bp ranges as needed.
Borrower credit rating .....	No .....	Yes.
Location .....	No .....	Yes.
Adjustable-rate mortgages:		
Mortgage vs. MBS .....	No .....	Yes.
Reset frequency .....	2 or 3 buckets .....	monthly.
Rate index .....	No .....	Yes.
Teaser vs. non-teaser .....	Yes .....	Yes.
Current vs. lagging index .....	Partial .....	Yes.
Distance to lifetime cap .....	4 buckets .....	100 bp ranges as needed.
Periodic caps .....	Partial .....	Yes.
Periodic floors .....	Partial .....	Yes.
Borrower credit rating .....	No .....	Yes.
Location .....	No .....	Yes.
Fixed-rate other real estate loans:		
Balloon multifamily/amortizing multifamily/2nd mortgage/land ....	Yes .....	Yes.
Coupon range .....	Five 100 bp ranges .....	25 bp ranges as needed.
Borrower credit rating .....	No .....	Yes.
Location .....	No .....	Yes.
Adjustable-rate other real estate loans:		
Balloon multifamily/amortizing multifamily/2nd mortgage/land ....	Yes .....	Yes.
Rate index .....	Limited .....	Yes.
Distance to lifetime cap .....	No .....	100 bp ranges as needed.
Borrower credit rating .....	No .....	Yes.
Location .....	No .....	Yes.
Commercial loans:		
Adjustable vs. fixed-rate .....	Yes .....	Yes.
Rate index (adjustable rate) .....	No .....	Yes.
Consumer loans:		
Adjustable vs. fixed-rate .....	Yes .....	Yes.
Rate index (adjustable rate) .....	No .....	Yes.
Borrower credit rating .....	No .....	Yes.
Location .....	No .....	Yes.
Fixed-rate mortgage servicing rights:		
Servicing by vs. for others .....	Limited .....	Yes.
Coupon range .....	Five 100 bp ranges .....	25 bp ranges as needed.
Adjustable-rate mortgage servicing rights:		
Servicing by vs. for others .....	Limited .....	Yes.
Rate index .....	No .....	Yes.
Current vs. lagging index .....	Yes .....	Yes.
Money market assets:		
Instrument type .....	Partial .....	Yes.
Fixed-rate fixed-maturity deposits:		
Deposit type .....	No .....	Yes.
Coupon range .....	No .....	25 bp ranges as needed.
Original maturity .....	3 ranges .....	12-mo. ranges as needed.
Remaining maturity .....	4 ranges .....	3-mo. (short-term) or 12-mo. ranges as needed.