

## The Pakistan Credit Rating Agency Limited

# **Rating Report**

# **FINCA Microfinance Bank Limited**

## **Report Contents**

- 1. Rating Analysis
- 2. Financial Information
- 3. Rating Scale
- 4. Regulatory and Supplementary Disclosure

Rating History							
Dissemination Date	Long Term Rating	Short Term Rating	Outlook	Action	Rating Watch		
29-Apr-2019	A	A1	Stable	Maintain	-		
06-Nov-2018	A	A1	Stable	Maintain	-		
30-Apr-2018	A	A1	Stable	Maintain	-		
30-Dec-2017	A	A1	Stable	Maintain	-		
30-Jun-2017	A	A1	Stable	Initial	-		
30-Jun-2017	A	A1	Stable	Initial	-		

#### **Rating Rationale and Key Rating Drivers**

The ratings reflect association of the bank with a global microfinance organization – FINCA International. This affiliation supports FINCA Microfinance Bank in terms of building a wholesome strategy and also in establishing robust systems and controls. FINCA is a mid-tier player in Pakistan's microfinance sector (Dec'18: ~8% share in total gross loan portfolio and ~11% share in total microfinance deposits). The bank intends to build a stable and diverse deposit base. Given that the current deposit landscape is very competitive, building a granular (as well as low cost) deposit base is challenging. Liquidity profile remained relatively stretched. FINCA's paramount focus remains on digitizing its operations and strengthening its technological infrastructure to expand its outreach. In this regard, the bank is upgrading its MIS and developing variant digital products to serve diversified market segments, including corporates. Digital banking mix is currently small. Asset health dwindled slightly to ~1.9% at End-Dec18 (CY17: 1.5%). Average loan size of the bank is on the higher side in relation to its peers, which needs to be in check amidst rising industry's infection ratio.

The ratings are dependent upon the bank's ability to sustain its profitability while building up market position. Maintenance of asset quality is also pertinent to the ratings. Successful establishment of foothold in digital banking remains critical amidst stiff competition.

Disclosure					
Name of Rated Entity	FINCA Microfinance Bank Limited				
Type of Relationship	Solicited				
<b>Purpose of the Rating</b>	Entity Rating				
Applicable Criteria	Methodology   Criteria   Rating Modifier(Jun-18),Methodology   Correlation Between Long-Term And Short-Term Rating Scale(Jun-18),Methodology   MFI (Jun-18)				
Related Research	Sector Study   Microfinance Bank(Apr-19)				
Rating Analysts	Muhammad Nadeem Sheikh   nadeem.sheikh@pacra.com   +92-42-35869504				





#### The Pakistan Credit Rating Agency Limited

#### Profile

Structure FINCA Microfinance Bank Limited ("the Bank") was incorporated as a public unlisted company in June, 2008, under section 32 of the Companies Ordinance, 1984 (now Companies Act, 2017). The bank operates with a nationwide network of 133 branches.

Background Initially, Kashf Foundation established the bank in 2008. FINCA International acquired majority stake in the bank through dilution of Kashf Foundation shareholding in 2013.

Operations The bank offers a diversified range of financial products and services to low income wage earners as well as the self-employed community. Micro-lending products include (i) FINCA Karobari Karza – the premier lending product of FINCA Microfinance Bank (ii) FINCA Izafi Karza (iii) FINCA Kashtkar Kazra (only for farmers) (iv) FINCA Maweshi Karza (Livestock) & (v) FINCA Sonehri Karza (Gold-backed loans). The bank is also establishing its foothold in branchless banking operations.

#### Ownership

Ownership Structure The bank is majorly owned by FINCA Microfinance Cooperatief U.A. (~86.4%), followed by Kashf Holding (Pvt) Ltd (~5.2%), International Finance Corporation (IFC) (~4.9%), Triodos Fair Share Fund (~2.7%) and Acumen Fund Pakistan (~0.8%).

Stability Simplified shareholding with one major shareholder represents a stable structure.

Business Acumen Based in Amsterdam – FINCA Microfinance Cooperatief U.A. operates as a subsidiary of FINCA International, Inc. FINCA International, a not-for profit organization located in Washington D.C., is a founder of 21 microfinance institutions across the globe.

Financial Strength Financial muscle of the sponsors is considered strong.

#### Governance

Board Structure The Board comprises nine directors, including five representatives of FINCA International, one is representative of minority shareholders and three are independent directors.

Members' Profile Most of the board members have international exposure and carry diversified expertise. They have been associated with the microfinance industry since long.

Board Effectiveness The Board of Directors has four committees for oversight of responsibilities namely (i) HR Committee (ii) Risk Management Committee (iii) Audit Committee & (iv) Digital Financial Services (DFS) Committee – the DFS Committee is precisely formed to oversee operations and progress in the digital banking domain.

Financial Transparency The Audit Committee of the bank is headed by an independent director. The internal audit department directly reports to the Audit Committee ensuring independence from the rest of the organization. M/S KPMG Taseer Hadi & Co. Chartered Accountants are the External Auditors of the bank.

## Management

**Organizational Structure** FINCA Microfinance Bank has a horizontally spread organizational structure comprising fourteen departments. A total of eight department heads, other than CFO and COO, report directly to the CEO, while performance of four departments is entirely overseen by the COO and one by the CFO.

Management Team Mr. Mudassar Aqil is the CEO of the bank since 2011. Mr. Aqil has ~20 years of experience in the banking and finance industry. Before joining FINCA, he was associated with a leading commercial bank in Pakistan. The CEO is assisted by an experienced management team.

Effectiveness Four Management Committees are in place namely i) Board Management, ii) Asset Liability Management (ALCO) iii) Risk and iv) IT steering to ensure operational efficiency and efficient decision making.

MIS To support the timely decision making of management, MIS system generates detailed reports containing details regarding disbursement, repayment, recoveries, deposits and compliance.

Risk Management Framework The bank has in place a separate Risk Management department to oversee various risks including credit, operational, IT and market risks. Risk Management Committee meets on a regular basis to ensure that the risk profile of the bank remains within BoD's approved limit.

**Technology Infrastructure** Recently, management has taken numerous steps towards digitizing its processes. The management aims to scale up the IT infrastructure for future business growth and network expansion. All branches are expected to be migrated to the new technology of Autosoft software by the End-April 19.

#### Business Risk

Industry Dynamics Pakistan Microfinance Industry comprises 45 microfinance providers including 11 Microfinance Banks (MFBs), 18 Microfinance Institutions (MFIs), 7 Rural Support Program (RSPs) and 9 others projects. MFBs dominate the Industry with a share in lending portfolio of ~69%.

Relative Position The bank catered ~7% borrowers of MFBs market as at End-Dec'18, grabbing an ~11% market share in terms of Gross Loan Portfolio which stood at PKR~20,868mln as at End-Dec'18 (End-Dec'17: PKR~15,110mln) recording a growth of ~38% period-on-period. Simultaneously, the bank secured a share of ~10% in total MFBs deposits as at End-Dec'18.

Revenue Interest/ Mark up income of the bank increased to PKR~6,531mln during CY18 (CY17:PKR~4,809mln), a growth of ~36% YoY. During the year, the bank increased its portion of Livestock lending in total advances, while the ratio of Agri-Input loans declined in relation to previous years.

**Profitability** Net interest mark up income increased to PKR~4,703mln during CY18 (CY17:PKR~3,553mln), a growth of ~32% YoY. Net income of the bank increased to PKR~956mln (CY17:PKR~855mln).

Sustainability The bank aims to maintain its status as a "Premier" microfinance bank in the country by concentrating on providing best customer services. Branchless banking and digital services remain to be the key driving factors on the bank's growth. The bank's flagship product SIMSIM is growing rapidly and has reached over ~282,000 individuals subscribers till now. Currently, the bank is gearing up on developing mobile-wallet platform for customers that can be retained for long term. These include individuals as well as corporates to which customized services such as salary transfer facility are provided.

## Financial Risk

Credit Risk The Bank's loan book is primarily concentrated in non-collateralized loans while represents a fairly diversified product segmentation in agri-input loans (End-Dec'18:~37%), followed by Livestock Loan (End-Dec'18:~35%) and Micro-Enterprise loan (End-Dec'18:~26%). During the period under review, the bank's NPLs ratio rose to ~1.9% (End-Dec'17: ~1.5%). The bank has writen off advances of PKR~394mln during CY18 (CY17: PKR~286mln). The increase is backed on account of non-payments by some sugarcane farmers.

Market Risk Short term investments during CY18 decreased to PKR~3,827mln (CY17:PKR~5,209mln). These majorly included diminished investment in government securities.

**Funding** The bank's funding is majorly fueled through deposits (~88%) with some portion from borrowings (~12%). Deposit base primarily consisted of time deposits (~70%), out of the total amounting to PKR~24bln. The bank's Advances-to-Deposits ratio (ADR) increased to ~87% at End-Dec'18 (End-Dec'17:~77%).

Liquidity Liquidity profile decreased during the period under review as the bank's liquid assets-to-deposits and borrowings ratio dropped to ~29% at End-Dec'18 (End-Dec'17: ~37%). Reduction in investment in government securities led to a decrease in liquid assets on overall basis.

Capital Adequacy Capital Adequacy ratio (CAR) dropped to ~16% as at End-Dec'18 (End-Dec'17:~19%), due to steady growth in unsecured lending. CAR, though above the SBP's defined threshold in Prudential Regulations, remained on the edge necessitating an immediate action to prevent further decline. The management is, therefore in the process of raising Tier-II capital in the form of subordinated loan to keep the CAR intact.

PKR mln

BALANCE SHEET	31-Dec-18	31-Dec-17	31-Dec-16			
	Annual	Annual	Annual			
Earning Assets	20.477	14.006	10.004			
Total Finances	20,477	14,886	10,094			
Investments	3,827 2,489	5,209	1,885			
Deposits with Banks	2,489	1,557 <b>21,652</b>	1,248 13,228			
Non Earning Assets						
Non-Earning Cash	1,639	976	810			
Net Non-Performing Finances	104	(23)	(12)			
Fixed Assets & Others	3,743	2,536	1,592			
	5,486	3,490	2,390			
TOTAL ASSETS	32,280	25,142	15,618			
Interest Bearning Liabilities Deposits						
CASA	7,052	5,717	3,394			
Time Deposits	16,690	13,467	7,675			
	23,742	19,184	11,070			
Borrowings	3,319	1,669	1,350			
Non Interest Bearing Liabilities	1,187	1,006	766			
TOTAL LIABILITIES	28,247	21,859	13,185			
EQUITY (including revaluation surplus)	4,030	3,275	2,420			
Deferred Grants	2	8	13			
TOTAL LIABILITIES & EQUITY	32,280	25,142	15,618			
INCOME STATEMENT	31-Dec-18	31-Dec-17	31-Dec-16			
	Annual	Annual	Annual			
Interest / Mark up Earned	6,531	4,809	2,986			
Interest / Mark up Expensed	(1,828)	(1,256)	(648)			
Net Interest / Markup revenue	4,703	3,553	2,338			
Other Operating Income	676	564	441			
Total Revenue	5,379	4,117	2,780			
Other Income	126	129	110			
Non-Interest / Non-Mark up Expensed	(3,490)	(2,461)	(1,683)			
Pre-provision operating profit	2,015	1,785	1,207			
Provisions	(435)	(407)	(219)			
Pre-tax profit Taxes	1,580 (623)	1,378 (523)	988 (357)			
Taxes	(023)	(323)	(337)			
NET INCOME	956	855	631			
Ratio Analysis	31-Dec-18	31-Dec-17	31-Dec-16			
Performance	Annual	Annual	Annual			
		200/				
ROE	26%	30%	29%			
ROE Cost-to-Total Net Revenue		30% 58%	58%			
ROE Cost-to-Total Net Revenue Capital Adequacy	26% 63%	58%	58%			
ROE Cost-to-Total Net Revenue Capital Adequacy Equity/Total Assets	26% 63% 12%	58% 13%	58% 15%			
ROE Cost-to-Total Net Revenue Capital Adequacy Equity/Total Assets Capital Adequacy Ratio as per SBP	26% 63%	58%	58%			
ROE Cost-to-Total Net Revenue Capital Adequacy Equity/Total Assets Capital Adequacy Ratio as per SBP Loan Loss Coverage	26% 63% 12% 16%	58% 13% 19%	58% 15% 21%			
ROE Cost-to-Total Net Revenue Capital Adequacy Equity/Total Assets Capital Adequacy Ratio as per SBP Loan Loss Coverage Impaired Lending / Gross Finances	26% 63% 12% 16%	58% 13% 19% 1%	58% 15% 21%			
ROE Cost-to-Total Net Revenue Capital Adequacy Equity/Total Assets Capital Adequacy Ratio as per SBP Loan Loss Coverage Impaired Lending / Gross Finances Loan Loss Provisions / Non-Performing Advances	26% 63% 12% 16%	58% 13% 19%	58% 15% 21%			
ROE Cost-to-Total Net Revenue  Capital Adequacy Equity/Total Assets Capital Adequacy Ratio as per SBP  Loan Loss Coverage Impaired Lending / Gross Finances Loan Loss Provisions / Non-Performing Advances  Funding & Liquidity	26% 63% 12% 16% 2% 74%	58% 13% 19% 1% 110%	58% 15% 21% 1% 110%			
ROE Cost-to-Total Net Revenue  Capital Adequacy Equity/Total Assets Capital Adequacy Ratio as per SBP  Loan Loss Coverage Impaired Lending / Gross Finances Loan Loss Provisions / Non-Performing Advances  Funding & Liquidity Liquid Assets / Deposits and Borrowings	26% 63% 12% 16%	58% 13% 19% 1%	58% 15% 21%			
ROE Cost-to-Total Net Revenue  Capital Adequacy Equity/Total Assets Capital Adequacy Ratio as per SBP  Loan Loss Coverage Impaired Lending / Gross Finances Loan Loss Provisions / Non-Performing Advances  Funding & Liquidity Liquid Assets / Deposits and Borrowings Finances / Deposits	26% 63% 12% 16% 2% 74% 29% 87%	58% 13% 19% 1% 110% 37% 77%	58% 15% 21% 1% 110% 32% 91%			
ROE Cost-to-Total Net Revenue  Capital Adequacy Equity/Total Assets Capital Adequacy Ratio as per SBP  Loan Loss Coverage Impaired Lending / Gross Finances Loan Loss Provisions / Non-Performing Advances  Funding & Liquidity Liquid Assets / Deposits and Borrowings Finances / Deposits CASA deposits / Total Customer Deposits	26% 63% 12% 16% 2% 74% 29%	58% 13% 19% 1% 110% 37%	58% 15% 21% 1% 110% 32%			
ROE Cost-to-Total Net Revenue  Capital Adequacy Equity/Total Assets Capital Adequacy Ratio as per SBP  Loan Loss Coverage Impaired Lending / Gross Finances Loan Loss Provisions / Non-Performing Advances  Funding & Liquidity Liquid Assets / Deposits and Borrowings Finances / Deposits	26% 63% 12% 16% 2% 74% 29% 87%	58% 13% 19% 1% 110% 37% 77%	58% 15% 21% 1% 110% 32% 91%			
ROE Cost-to-Total Net Revenue  Capital Adequacy Equity/Total Assets Capital Adequacy Ratio as per SBP  Loan Loss Coverage Impaired Lending / Gross Finances Loan Loss Provisions / Non-Performing Advances  Funding & Liquidity Liquid Assets / Deposits and Borrowings Finances / Deposits CASA deposits / Total Customer Deposits  Intermediation Efficiency	26% 63% 12% 16% 2% 74% 29% 87% 30%	58%  13% 19%  1% 110%  37% 77% 30%	58% 15% 21% 1% 110% 32% 91% 31%			



## **Credit Rating Scale & Definitions**

Credit rating reflects forward-looking opinion on credit worthiness of underlying entity or instrument; more specifically it covers relative ability to honor financial obligations. The primary factor being captured on the rating scale is relative likelihood of default.

	Long Town Datings				Cha	nt To	rm Rat	ingg		
	Long Term Ratings									
A A A S S S S S S S S S S S S S S S S S	Highest credit quality. Lowest expectation of credit risk. Indicate exceptionally strong	A1+	The highest capacity for timely repayment.							
	capacity for timely payment of financial commitments	A1	A1 A strong capacity for time						nely	
			repayment.							
AA+	Very high credit quality. Very low expectation of credit risk. Indicate very strong capacity for timely payment of financial commitments. This capacity is not significantly		A satisfactory capacity for timely repayment. This may be susceptible to							
AA			adverse changes in business,							
AA-	vulnerable to foreseeable events.		economic, or financial conditions.							
			An adequate capacity for timely repayment. Such							
		<b>A3</b>	capacity is susceptible to adverse changes in business,							
A+	High credit quality. Low expectation of credit risk. The capacity for timely payment of		economic, or financial conditions.  The capacity for timely repayment is more susceptible							
A finar	financial commitments is considered strong. This capacity may, nevertheless, be vulnerable to changes in circumstances or in economic conditions.	В	to adverse changes in business, economic, or financial							
			conditions.							
		C An inadequate capacity to ensure timely repayment							ment.	
BBB+										
BBB	Good credit quality. Currently a low expectation of credit risk. The capacity for timely payment of financial commitments is considered adequate, but adverse changes in circumstances and in economic conditions are more likely to impair this capacity.	Short Term Ratings								
				A.	1 .	A1	A2	A3	U	C
BBB-			AAA		L+ 	AI	AZ	A3	В	С
		A A+								
BB+	Moderate risk. Possibility of credit risk developing. There is a possibility of credit risk developing, particularly as a result of adverse economic or business changes over time;		AA							
BB	however, business or financial alternatives may be available to allow financial commitments		AA-		- 1					
BB-	to be met.		<b>A</b> +		H					
		ong	A A-		İ					
B+	High credit risk. A limited margin of safety remains against credit risk. Financial	Long Term Ratings	BBB-	 F					į	
В	commitments are currently being met; however, capacity for continued payment is	B	BBB							
В-	contingent upon a sustained, favorable business and economic environment.		BBB	-						
			BB+							_

Very high credit risk. Substantial credit risk "CCC" Default is a real possibility. Capacity for meeting financial commitments is solely reliant upon sustained, favorable business or economic developments. "CC" Rating indicates that default of some kind appears

probable. "C" Ratings signal imminent default.

D Obligations are currently in default.

Outlook (Stable, Positive, Negative,
Developing) Indicates the potential and direction
of a rating over the intermediate term in response
to trends in economic and/or fundamental
business/financial conditions. It is not necessarily
a precursor to a rating change. 'Stable' outlook
means a rating is not likely to change. 'Positive'
means it may be raised. 'Negative' means it may
be lowered. Where the trends have conflicting
elements, the outlook may be described as
'Developing'.

Rating Watch Alerts to the possibility of a rating change subsequent to, or in anticipation of, a) some material identifiable event and/or b) deviation from expected trend. But it does not mean that a rating change is inevitable. A watch should be resolved within foreseeable future, but may continue if underlying circumstances are not settled. Rating Watch may accompany Outlook of the respective opinion.

Suspension It is not possible to update an opinion due to lack of requisite information.

Opinion should be resumed in foreseeable future. However, if this does not happen within six (6) months, the rating should be considered withdrawn.

Withdrawn A rating is withdrawn on
a) termination of rating mandate, b)
cessation of underlying entity, c) the
debt instrument is redeemed, d) the
rating remains suspended for six
months, e) the entity/issuer defaults.,
or/and f) PACRA finds it impractical
to surveill the opinion due to lack of
requisite information.

BB

BB.

B+

В

B-CCC

CC

change in rating due to revision in applicable methodology or underlying scale.

Harmonization A

Disclaimer: PACRA's ratings are an assessment of the credit standing of entities/issue in Pakistan. They do not take into account the potential transfer / convertibility risk that may exist for foreign currency creditors. PACRA's opinion is not a recommendation to purchase, sell or hold a security, in as much as it does not comment on the security's market price or suitability for a particular investor.

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## **Regulatory and Supplementary Disclosure**

(Credit Rating Companies Regulations, 2016)

#### **Rating Team Statements**

(1) Rating is just an opinion about the creditworthiness of the entity and does not constitute recommendation to buy, hold or sell any security of the entity rated or to buy, hold or sell the security rated, as the case may be | Chapter III; 14-3-(x)

#### 2) Conflict of Interest

- i. The Rating Team or any of their family members have no interest in this rating | Chapter III; 12-2-(j)
- ii. PACRA, the analysts involved in the rating process and members of its rating committee, and their family members, do not have any conflict of interest relating to the rating done by them | Chapter III; 12-2-(e) & (k)
- iii. The analyst is not a substantial shareholder of the customer being rated by PACRA [Annexure F; d-(ii)] Explanation: for the purpose of above clause, the term "family members" shall include only those family members who are dependent on the analyst and members of the rating committee

#### Restrictions

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- (4) PACRA does not disclose or discuss with outside parties or make improper use of the non-public information which has come to its knowledge during business relationship with the customer | Chapter III; 10-7-(d)
- (5) PACRA does not make proposals or recommendations regarding the activities of rated entities that could impact a credit rating of entity subject to rating | Chapter III; 10-7-(k)

## **Conduct of Business**

- (6) PACRA fulfills its obligations in a fair, efficient, transparent and ethical manner and renders high standards of services in performing its functions and obligations; | Chapter III; 11-A-(a)
- (7) PACRA uses due care in preparation of this Rating Report. Our information has been obtained from sources we consider to be reliable but its accuracy or completeness is not guaranteed. PACRA does not, in every instance, independently verifies or validates information received in the rating process or in preparing this Rating Report.
- (8) PACRA prohibits its employees and analysts from soliciting money, gifts or favors from anyone with whom PACRA conducts business | Chapter III; 11-A-(q)
- (9) PACRA ensures before commencement of the rating process that an analyst or employee has not had a recent employment or other significant business or personal relationship with the rated entity that may cause or may be perceived as causing a conflict of interest; | Chapter III; 11-A-(r) (10) PACRA maintains principal of integrity in seeking rating business | Chapter III; 11-A-(u)
- (11) PACRA promptly investigates, in the event of a misconduct or a breach of the policies, procedures and controls, and takes appropriate steps to rectify any weaknesses to prevent any recurrence along with suitable punitive action against the responsible employee(s) | Chapter III; 11-B-(m)

## **Independence & Conflict of interest**

- (12) PACRA receives compensation from the entity being rated or any third party for the rating services it offers. The receipt of this compensation has no influence on PACRA's opinions or other analytical processes. In all instances, PACRA is committed to preserving the objectivity, integrity and independence of its ratings. Our relationship is governed by two distinct mandates i) rating mandate signed with the entity being rated or issuer of the debt instrument, and fee mandate signed with the payer, which can be different from the entity
- (13) PACRA does not provide consultancy/advisory services or other services to any of its customers or to any of its customers' associated companies and associated undertakings that is being rated or has been rated by it during the preceding three years unless it has adequate mechanism in place ensuring that provision of such services does not lead to a conflict of interest situation with its rating activities; | Chapter III; 12-2-(d)
- (14) PACRA discloses that no shareholder directly or indirectly holding 10% or more of the share capital of PACRA also holds directly or indirectly 10% or more of the share capital of the entity which is subject to rating or the entity which issued the instrument subject to rating by PACRA; | Reference Chapter III; 12-2-(f)
- (15) PACRA ensures that the rating assigned to an entity or instrument is not be affected by the existence of a business relationship between PACRA and the entity or any other party, or the non-existence of such a relationship | Chapter III; 12-2-(i)
- (16) PACRA ensures that the analysts or any of their family members shall not buy or sell or engage in any transaction in any security which falls in the analyst's area of primary analytical responsibility. This clause shall, however, not be applicable on investment in securities through collective investment schemes. | Chapter III; 12-2-(l)
- (17) PACRA has established policies and procedure governing investments and trading in securities by its employees and for monitoring the same to prevent insider trading, market manipulation or any other market abuse | Chapter III; 11-B-(g)

## Monitoring and review

- (18) PACRA monitors all the outstanding ratings continuously and any potential change therein due to any event associated with the issuer, the security arrangement, the industry etc., is disseminated to the market, immediately and in effective manner, after appropriate consultation with the entity/issuer; | Chapter III | 18-(a)
- (19) PACRA reviews all the outstanding ratings on semi-annual basis or as and when required by any creditor or upon the occurrence of such an event which requires to do so; | Chapter III | 18-(b)
- (20) PACRA initiates immediate review of the outstanding rating upon becoming aware of any information that may reasonably be expected to result in downgrading of the rating; | Chapter III | 18-(c)
- (21) PACRA engages with the issuer and the debt securities trustee, to remain updated on all information pertaining to the rating of the entity/instrument; | Chapter III | 18-(d)

## **Probability of Default**

(22) PACRA's Rating Scale reflects the expectation of credit risk. The highest rating has the lowest relative likelihood of default (i.e, probability). PACRA's transition studies capture the historical performance behavior of a specific rating notch. Transition behavior of the assigned rating can be obtained from PACRA's Transition Study available at our website. (www.pacra.com). However, actual transition of rating may not follow the pattern observed in the past | Chapter III | 14-(f-VII)

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