

# Annual Benchmark Report

Promoting financial inclusion through data and insight

Tajikistan FY 2016

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#### **Acknowledgement**

MIX is privileged to showcase the results of Fiscal Year 2015 and FY 2016 of Tajikistan in the form of the "Annual Benchmark Report FY 2016". This report presents the financial and operating data of 17 Financial Service Providers (FSPs) that have reported to MIX Market during FY 2016.

MIX is grateful to all the FSPs that have provided comprehensive data in a timely manner. MIX would not be able to contribute to building transparency in the microfinance sector without their continued support and effort.



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MIX has taken due care and caution in preparing this report, it has obtained the information from the institutions. Thus MIX relies on the information submitted and does not guarantee the accuracy, adequacy or completeness of any information and is not responsible for any errors in transmission.

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#### Introduction

**The Annual Benchmark Report** is one of the primary benchmarking products created by MIX that offers a unique opportunity to analyze **the performance of individual financial service providers (FSPs) and peer groups, and to conduct country comparisons**. As part of our continued efforts to collect and publish high quality data that strengthens the microfinance sector, builds transparency and further enhances financial inclusion in Tajikistan, we at MIX have created the "Annual Benchmark Report" for FY 2016.

This report includes **key financial and operational indicators** that provide a country overview, indicator level performance and institutional details. The indicators include a range of performance variables pertaining to outreach, institutional characteristics, financing structure, financial performance, revenue, expenses, efficiency, productivity, risk and liquidity. **The numbers are presented at the aggregate level, peer-group level and individual FSPs level**. The report also compares the FY 2016 performance against the previous fiscal year and provides the growth or decline rate for each of the indicators.

The publication of global industry benchmarks and customized benchmarking services create comparative performance results that the industry and its retail institutions can contextualize FSP performance within relevant peer groups. These benchmarks allow institutions to view relative trends and drivers in their own performance from a comparative perspective.

The benchmarks support the transparency necessary for improved institutional performance and greater access to capital markets for growth. The first section of each of the following pages captures the **overall performance of the FSPs in the country**. Each following section then explores the relative diversified peer comparison by the **legal types in the country and scale of the FSP**.

#### **About MIX**

MIX envisions a world where appropriate and accessible financial services are available to everyone, everywhere. We deliver strategically important data, insights, and market intelligence to key decision makers in the financial inclusion industry. Our online platforms – MIX Market and FINclusion Lab – enable coordinated investment, effective policy, and positive social outcomes for the financially underserved. Incorporated in 2002, MIX is a nonprofit based in Washington, D.C., with regional offices in Africa, Asia, Europe, and Latin America.

MIX Market provides access to the data, analysis, and tools that deliver key insights into the financial inclusion sector. Whether you are a financial service provider, investor, or policymaker, the MIX Market platform can help you assess financial, operational, and social performance.

We provide data, analysis, and market insight that enables coordination and transparency.

The last 5 years we had over

750,000 annual website visits

Our MIX Market platform provides instant access to financial and social performance information covering approximately

2,000 FSPs around the world

Our FINclusion Lab platform provides insights into financial access across more than

22 countries.

#### **Data and Methodology**

- 1. The data and analysis in this report are based on self-reported operational and financial numbers for FY 2015 and FY 2016, for a total of 17 FSPs that submit data to MIX.
- 2. The financial numbers also are verified by the audited financial statements of the FSPs for FY 2015 and FY 2016 and are reclassified based on IFRS Standards.
- 3. The benchmark values have been presented across all the indicators and peer groups based on the average value in each category.
- 4. Balanced data: The growth value or the change in the indicator over the year is calculated based on balanced data, meaning for the FSPs that have reported consistently to MIX for 2015 and 2016 their values have been aggregated to present the percentage change.
- 5. Peer grouping information in based on the legal classifications that are relevant to the context of Tajikistan microfinance sector, that are Bank and NBFI.
- 6. Peer grouping classification is also based on the scale of the FSPs i.e. **small** [GLP size less than USD 15 m], **medium** [GLP size between USD 15m to 35m] and **large** [GLP size greater than USD 35m].
- 7. MIX follows global industry standard definitions and formulae that are used for all analyses in the report. (Refer the glossary for the details of all the definitions and ratios used in the publication)
- 8. 25th and 75th Percentile: The smallest observation that is greater than or equal to the specified percentage of observations. In this report the 25th and 75th percentiles are displayed, to signify the upper and lower bounds of the middle 50% of FSPs' values for each indicator.
- 9. Average and Weighted Average Value (WAV) **Average value** is presented as a line in the "benchmark graphs by peers". **Simple average** is presented when an indicator is an absolute number whereas **weighted average** is presented when the indicator is a ratio.

#### **Key Findings**

#### **General Overview**

In 2016, Tajikistan's economy was characterized by a rapid devaluation of the national currency early in the year and the crisis of several banks of systemic significance. According to official data, Tajikistan's economy grew at a rate of 6-7% in 2016. In previous years, growth was driven mainly by money transfers. In 2016, the economic growth was primarily driven by state investments and external sources of financing. <a href="http://ru.sputnik-tj.com/analyt-ics/20161229/1021417321/ekonomika-prognoz-tajikistan.html">http://ru.sputnik-tj.com/analyt-ics/20161229/1021417321/ekonomika-prognoz-tajikistan.html</a>

Alternately, the microfinance sector in Tajikistan was stable during the year. The agricultural sector in Tajikistan attracted foreign investors and major international funders throughout 2016. The European Bank for Reconstruction and Development (EBRD), for example, provided a loan of 20 million euros, while the European Union (EU) allocated 9 million euros through investment grants and risk-sharing mechanisms for the subsequent crediting of micro-, small- and medium-sized enterprises in the agribusiness sector. https://eeas.europa.eu/ru/eu-information-russian/12374/ebrr-i-es-zapuskayut-programmu-po-podderzhke-fermerov-tadzhikistana-stoimostyu-v-465-mln ru

#### Outreach

Financial service providers (FSPs) in Tajikistan reached **293.38 thousand borrowers** in FY 2016 compared to 319.43 thousand borrowers in FY 2015, a **decrease of 8.15%** based on balanced data **during FY 2016**. The decline was experienced across Banks and Non-bank financial institutions (NBFIs). The *gross loan portfolio (GLP)* also declined **by 19.61%** mostly driven by large-scale FSPs. This decrease in GLP is impacted by devaluation and a decline in incomes earned outside of the Tajikistan. The decline in GLP has been a common trend across the region in 2016, which is strongly impacted by the economic crisis.

At the same time, the number of **depositors** increased by **8.54%** in FY 2016 compared to FY 2015 accompanied by a **24.83%** increase in **number of deposit accounts** and **15.03%** increase in **deposits**. The positive trend in deposits supports the positive increase in savings of individuals in Tajikistan.

#### **Productivity and Efficiency**

Cost per borrower in FY 2016 decreased by 22.76% compared to FY 2015. The number of Borrowers per staff member decreased slightly by 2.08%, whereas the number of borrowers per loan officer increased by 13.75%. Depositors per staff member also increased by 16.94%. These trends show that Tajikistan FSPs were pushed to look towards optimizing their costs and operational activities.

#### **Institutional overview**

In Tajikistan, the microfinance sector has more than 120 credit institutions in operation, of which 40 provide deposits, as well as small loans. Another 30 work in the sphere of lending and about 35 small firms are separate financial institutions, referred to as microcredit funds. http://internet-banking.su/banki-tadzhikistana/

The number of **offices** for key players on the Tajikistan microfinance sector **increased by 6.49%** in FY 2016. At the same time, the number of **personnel declined by 6.20%** across Banks and NBFIs and the number of **loan officers declined by 19.26%**. This correlates with the decline of active borrowers by 8.15% and GLP by 19.61% in FY 2016 reducing the FSPs outreach.

#### **Financial Performance**

The profitability of the microfinance sector declined in FY 2016 to a negative **ROA of 1.12%** compared to 0.03% in FY 2015. **ROE** decreased from positive 0.21% in FY 2015 to negative **8.48**% in FY 2016.

**Operating self-efficiency** also declined by 4.96% in FY 2016. Operating self-efficiency has been falling below 100% both for Banks and NBFIs in FY 2016 compared to FY 2015, where it was above 100%.

#### **Risk and Liquidity**

Portfolio at risk > 30 days in FY 2016 increased by 4.80% and reached 15.58%, mainly driven by small FSPs. A similar trend was observed for PAR > 90 days, which increased to 14.32%. At the same time, the loan loss rate remained almost flat and reached 2.38% in FY 2016 compared to 2.42% in FY 2015. Risk coverage increased by 5.95% in FY 2016 compared to FY 2015 and reached 62.99%.

Delay and non-return of loans remains one of the biggest issues for FSPs in Tajikistan. It is one of the factors that influence the negative trends in the regional economy. The Tajikistan government is looking into measures to stabilize and then decrease the levels of loans recoverability. <a href="https://news.tj/ru/news/tajikistan/economic/20171018/v-tadzhikistane-vseh-zaemtshikov-bankov-vozmut-pod-kontrol">https://news.tj/ru/news/tajikistan/economic/20171018/v-tadzhikistane-vseh-zaemtshikov-bankov-vozmut-pod-kontrol</a>

Benchmark Indicator Reference				
	FY 2015	FY 2016		
Number of FSPs	17	17		
ADB per depositor (USD) (WAV)	750.70	795.63		
ALB per borrower (USD) (WAV)	1,301.47	1,144.77		
Administrative expense/assets (WAV)	5.58%	5.27%		
Assets (USD) m	654.24	508.02		
Average deposit account balance (USD) (WAV)	527.49	486.09		
Borrowers per loan officer (WAV)	119.58	135.04		
Borrowers per staff member (WAV)	39.19	37.71		
Capital/assets (WAV)	13.85%	15.00%		
Cost per borrower (USD) (WAV)	269.51	209.72		
Debt to equity (WAV)	6.22	5.67		
Deposit accounts per staff member (WAV)	35.63	49.09		
Depositors per staff member (WAV)	25.04	29.99		
Deposits (USD) m	162.39	186.80		
Deposits to loans (WAV)	36.85%	55.28%		
Deposits to total assets (WAV)	24.82%	36.77%		
Equity (USD) m	90.59	76.21		
Financial expense/assets (WAV)	9.48%	9.67%		
Financial revenue / assets (WAV)	27.17%	24.66%		
Gross Loan Portfolio (USD) m	440.60	337.94		
Loan loss rate (WAV)	2.39%	2.26%		
Loan officers	2,831	2,186		
Number of active borrowers '000	338.54	295.21		
Number of deposit accounts '000	307.85	384.30		
Number of depositors '000	216.32	234.79		
Offices	274	273		
Operating expense/assets (WAV)	12.80%	11.74%		
Operational self sufficiency (WAV)	103.32%	98.47%		
Personnel	8,639	7,828		
Personnel allocation ratio (WAV)	32.77%	27.92%		
Personnel expense/assets (WAV)	7.22%	6.47%		
Portfolio at risk > 30 days (WAV)	10.05%	15.39%		
Portfolio at risk > 90 days (WAV)	8.22%	14.12%		
Profit margin (WAV)	3.21%	-1.36%		
Provision for loan impairment/assets (WAV)	4.25%	3.59%		
Return on assets (WAV)	-0.02%	-0.98%		
Return on equity (WAV)	-0.11%	-7.09%		
Risk coverage (WAV)	57.25%	63.01%		
Total expense / assets (WAV)	26.53%	25.03%		
Write-off ratio (WAV)	2.57%	2.88%		
Yield on gross loan portfolio (WAV)	29.42%	28.68%		

Notes: (i) m = Millions (ii) WAV = Weighted average value

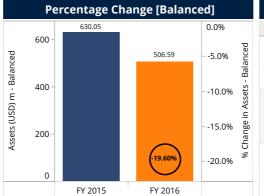
# Institutional Characteristic

#### **Assets**

Total Assets (USD) m

508.02

reported as of FY 2016

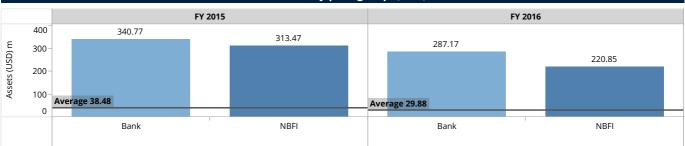


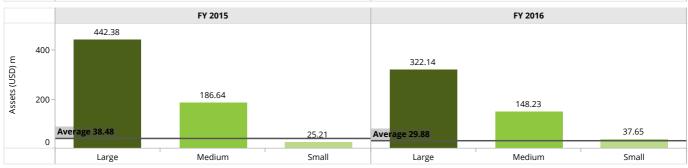
Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Assets (USD) m	1.17	0.76		
Median Assets (USD) m	16.80	1.83		
Percentile (75) of Assets (USD) m	42.56	30.15		

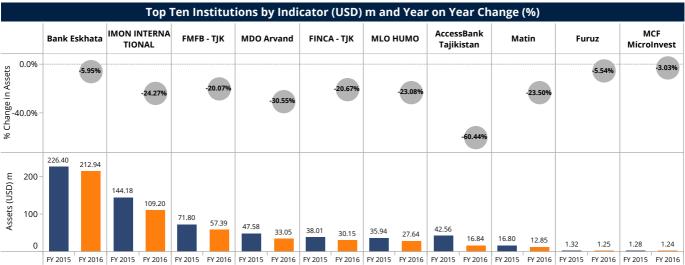
Benchmark by legal status				
	FY 2	2015	FY 2	2016
Legal Status	FSP count	Assets (USD) m	FSP count	Assets (USD) m
Bank	3	340.77	3	287.17
NBFI	14	313.47	14	220.85
Total	17	654.24	17	508.02

Benchmark by scale					
	FY 2	2015	FY 2	2016	
Scale	FSP count	Assets (USD) m	FSP count	Assets (USD) m	
Large	3	442.38	2	322.14	
Medium	5	186.64	4	148.23	
Small	9	25.21	11	37.65	
Total	17	654.24	17	508.02	

#### Benchmark by peer group (USD) m



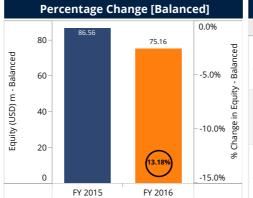




#### **Equity**

Total Equity (USD) m

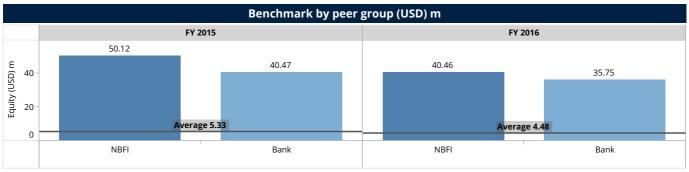
76.21

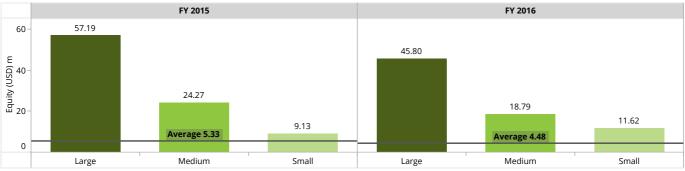


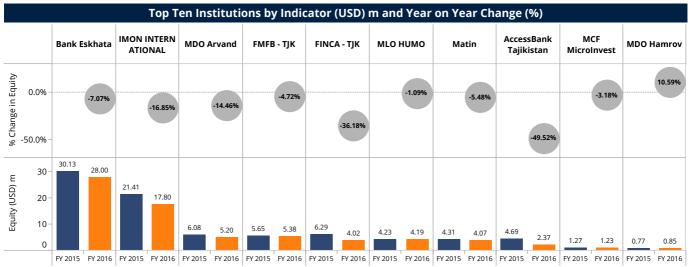
Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Equity (USD) m	0.55	0.51		
Median Equity (USD) m	2.97	1.23		
Percentile (75) of Equity (USD) m	5.65	4.19		

Benchmark by legal status					
	FY 2	2015	FY 2	2016	
Legal Status	FSP count	Equity (USD) m	FSP count	Equity (USD) m	
Bank	3	40.47	3	35.75	
NBFI	14	50.12	14	40.46	
Total	17	90.59	17	76.21	

Benchmark by scale					
	FY 2015 FY 2016		2016		
Scale	FSP count	Equity (USD) m	FSP count	Equity (USD) m	
Large	3	57.19	2	45.80	
Medium	5	24.27	4	18.79	
Small	9	9.13	11	11.62	
Total	17	90.59	17	76.21	



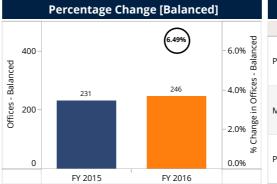




#### Offices

**Total Offices** 

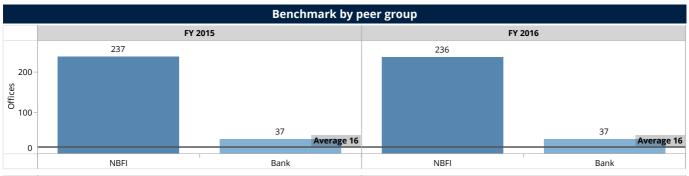
**273** 

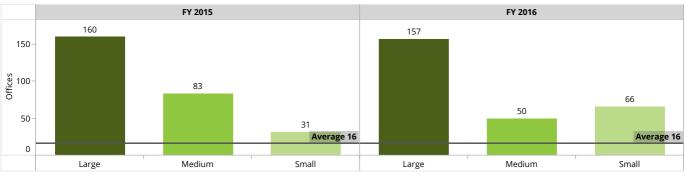


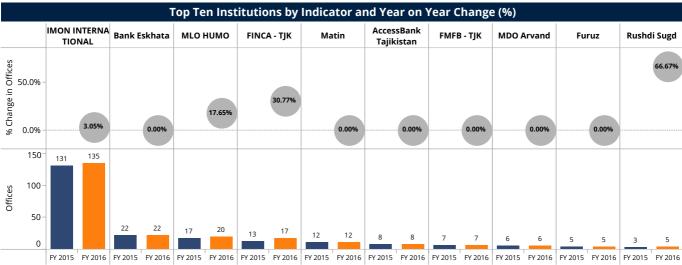
Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Offices	2	5		
Median Offices	6	6		
Percentile (75) of Offices	13	17		

Benchmark by legal status				
	FY 2	015	FY 2	016
Legal Status	FSP count	Offices	FSP count	Offices
Bank	3	37	3	37
NBFI	14	237	14	236
Total	17	274	17	273

Benchmark by scale					
	FY 2015 FY 2016		2016		
Scale	FSP count	Offices	FSP count	Offices	
Large	3	160	2	157	
Medium	5	83	4	50	
Small	9	31	11	66	
Total	17	274	17	273	



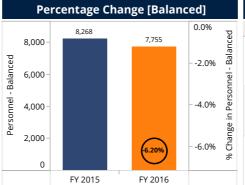




#### **Personnel**

**Total Personnel** 

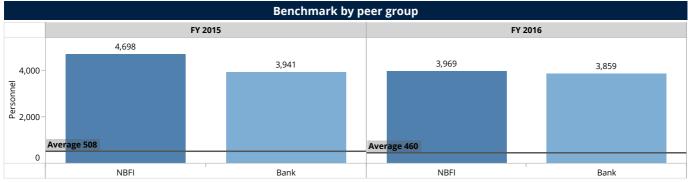
7,828

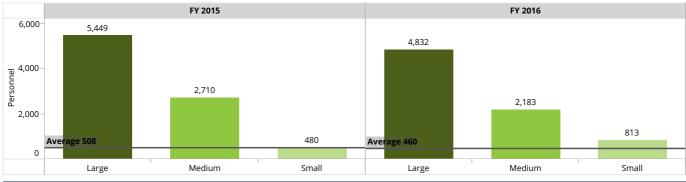


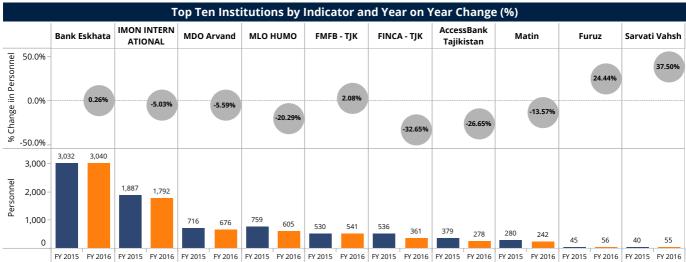
Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Personnel	36	30		
Median Personnel	280	56		
Percentile (75) of Personnel	536	541		

Benchmark by legal status						
	FY 2	015	FY 2016			
Legal Status	FSP count	Personnel	FSP count	Personnel		
Bank	3	3,941	3	3,859		
NBFI	14	4,698	14	3,969		
Total	17	8,639	17	7,828		

Benchmark by scale						
	FY 2015		FY 2	2016		
Scale	FSP count	Personnel	FSP count	Personnel		
Large	3	5,449	2	4,832		
Medium	5	2,710	4	2,183		
Small	9	480	11	813		
Total	17	8,639	17	7,828		



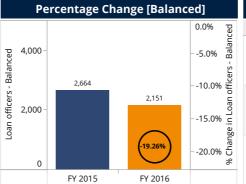




#### **Loan Officers**

**Total Loan Officers** 

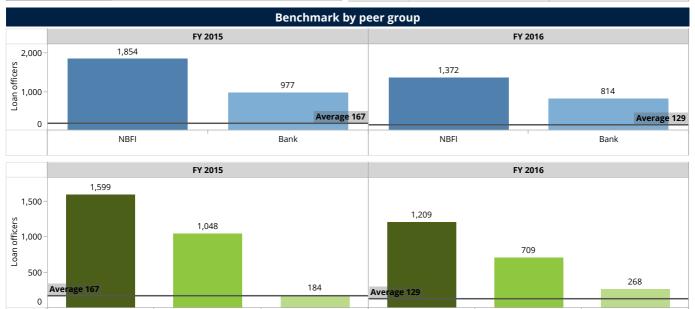
2,186

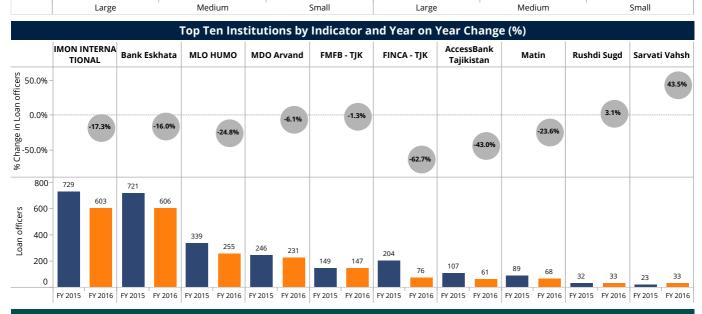


Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Loan officers	11	11			
Median Loan officers	89	33			
Percentile (75) of Loan officers	204	147			

Benchmark by legal status						
	FY 2	2015	FY 2016			
Legal Status	FSP count	Loan officers	FSP count	Loan officers		
Bank	3	977	3	814		
NBFI	14	1,854	14	1,372		
Total	17	2,831	17	2,186		

Benchmark by scale						
	FY 2	015	FY 2	2016		
Scale	FSP count	Loan officers	FSP count	Loan officers		
Large	3	1,599	2	1,209		
Medium	5	1,048	4	709		
Small	9	184	11	268		
Total	17	2,831	17	2,186		



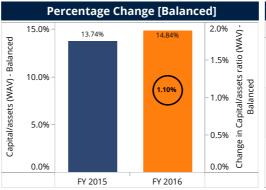


# Financing Structure

## **Capital to assets**

Capital/Asset Ratio (WAV) aggregated to

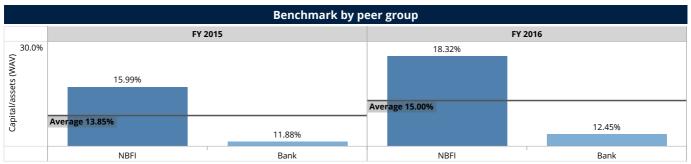
15.00%

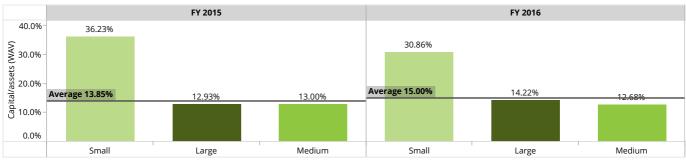


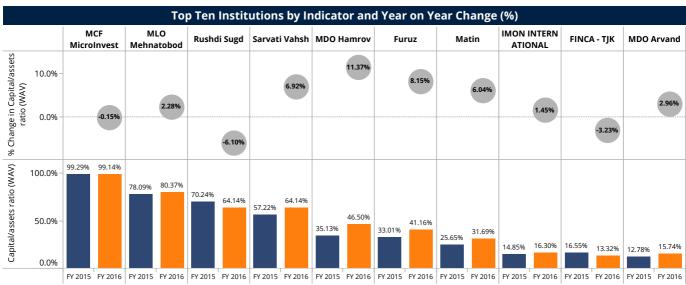
Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Capital /asset ratio	13.19%	15.15%			
Median Capital /asset ratio	25.65%	41.16%			
Percentile (75) of Capital /asset ratio	58.05%	64.14%			

Benchmark by legal status						
	FY 2	2015	FY 2016			
Legal Status	FSP count	Capital/ assets (WAV)	FSP count	Capital/ assets (WAV)		
Bank	3	11.88%	3	12.45%		
NBFI	14	15.99%	14	18.32%		
Aggregated	17	13.85%	17	15.00%		

Benchmark by scale						
	FY 2	2015	FY 2	2016		
Scale	FSP count	Capital/assets (WAV)	FSP count	Capital/assets (WAV)		
Large	3	12.93%	2	14.22%		
Medium	5	13.00%	4	12.68%		
Small	9	36.23%	11	30.86%		
Aggregated	17	13.85%	17	15.00%		



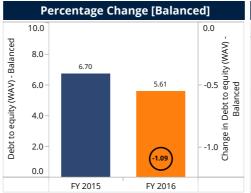




## **Debt to equity**

Debt/Equity Ratio (WAV) aggregated to

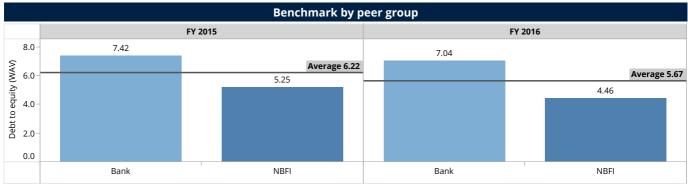
5.67

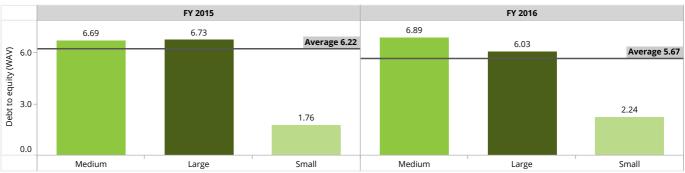


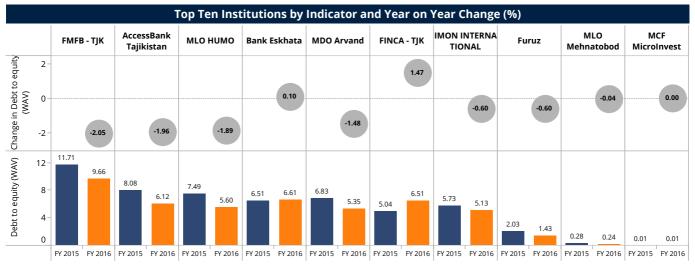
Percentiles and Median						
	FY 2015	FY 2016				
Percentile (25) of Debt to equity ratio	0.72	0.56				
Median Debt to equity ratio	2.90	1.43				
Percentile (75) of Debt to equity ratio	6.58	5.60				

	Benchmark by legal status						
	FY 2	2015	FY 2	2016			
Legal Status	FSP count Debt to equity (WAV)		FSP count	Debt to equity (WAV)			
Bank	3	7.42	3	7.04			
NBFI	14	5.25	14	4.46			
Aggregated	17	6.22	17	5.67			

Benchmark by scale						
	FY 2	015	FY 2016			
Scale	FSP count	Debt to equity (WAV)	FSP count	Debt to equity (WAV)		
Large	3	6.73	2	6.03		
Medium	5	6.69	4	6.89		
Small	9	1.76	11	2.24		
Aggregated	17	6.22	17	5.67		



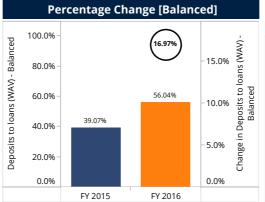




## **Deposit to loan**

Deposit/Loan (WAV) aggregated to

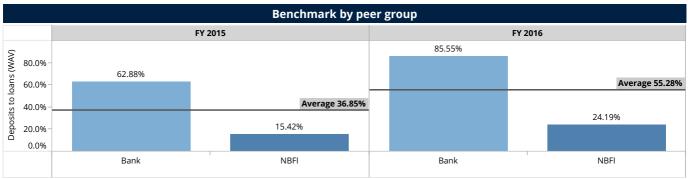
55.28%



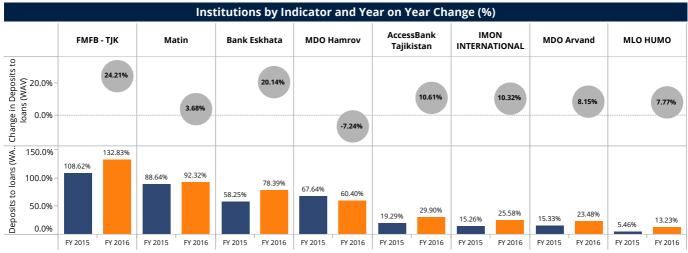
Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Deposits to loans	3.29%	23.48%			
Median Deposits to loans	15.30%	29.90%			
Percentile (75) of Deposits to loans	60.60%	78.39%			

Benchmark by legal status						
	FY 2	2015	FY 2016			
Legal Status	FSP count	Deposits to loans (WAV)	FSP count	Deposits to loans (WAV)		
Bank	3	62.88%	3	85.55%		
NBFI	14	15.42%	14	24.19%		
Aggregated	17	36.85%	17	55.28%		

Benchmark by scale						
	FY 2	015	FY 2016			
Scale	FSP count	Deposits to loans (WAV)	FSP count	Deposits to loans (WAV)		
Large	3	48.59%	2	57.91%		
Medium	5	9.30%	4	51.36%		
Small	9	65.72%	11	48.78%		
Aggregated	17	36.85%	17	55.28%		



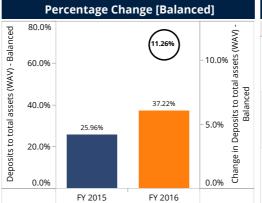




## **Deposit to total assets**

Deposits/Assets (WAV) aggregated to

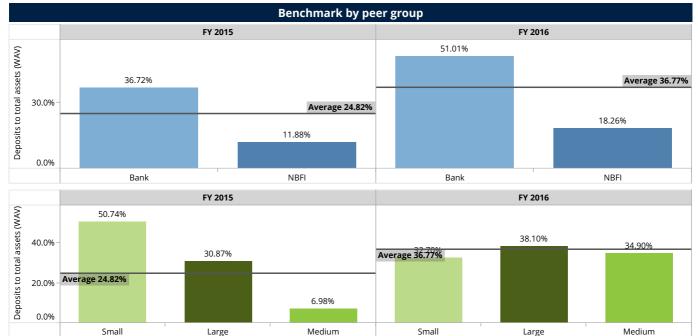
36.77%

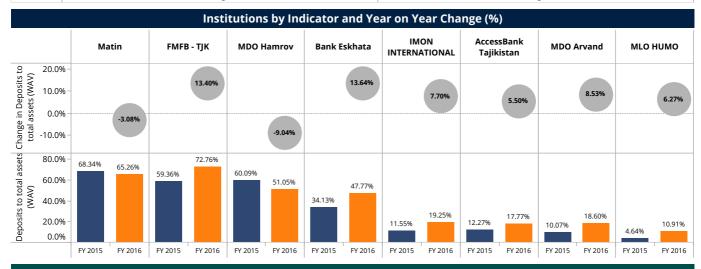


Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Deposits to total assets	2.66%	17.77%		
Median Deposits to total assets	10.81%	19.25%		
Percentile (75) of Deposits to total assets	40.44%	51.05%		

Benchmark by legal status						
	FY 2	2015	FY 2016			
Legal Status	FSP count Deposits to total assets (WAV)		FSP count	Deposits to total assets (WAV)		
Bank	3	36.72%	3	51.01%		
NBFI	14	11.88%	14	18.26%		
Aggregated	17	24.82%	17	36.77%		

	Benchmark by scale						
	FY 2	015	FY 2016				
Scale	FSP count	Deposits to total assets (WAV)	FSP count	Deposits to total assets (WAV)			
Large	3	30.87%	2	38.10%			
Medium	5	6.98%	4	34.90%			
Small	9	50.74%	11	32.70%			
Aggregated	17	24.82%	17	36.77%			



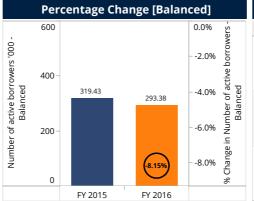


# Outreach

#### **Number of active borrowers**

Total Number of Active Borrowers '000

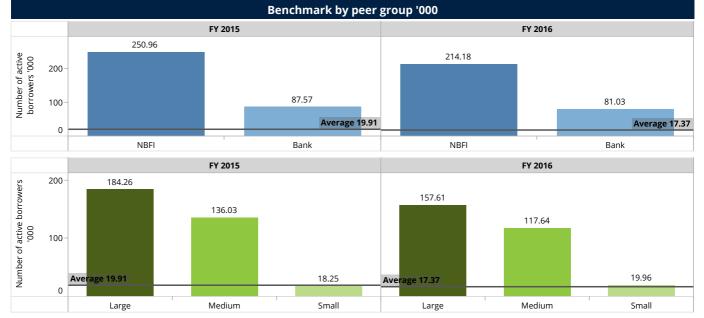
295.21

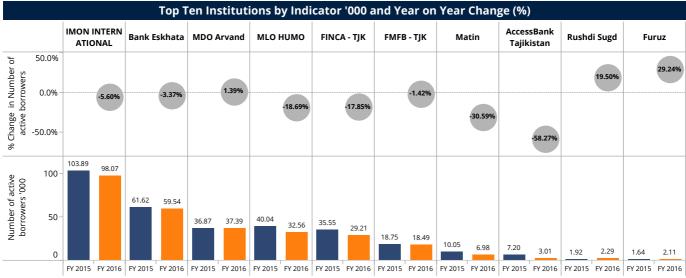


Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Number of active borrowers '000	1.14	0.96		
Median Number of active borrowers '000	7.20	2.29		
Percentile (75) of Number of active borrowers '000	35.55	29.21		

Benchmark by legal status						
	FY 2	2015	FY 2016			
Legal Status	FSP count	Number of active borrowers '000	FSP count	Number of active borrowers '000		
Bank	3	87.57	3	81.03		
NBFI	14	250.96	14	214.18		
Total	17	338.54	17	295.21		

Benchmark by scale					
	FY 2	2015	FY 2016		
Scale	FSP count	Number of active borrowers '000	FSP count	Number of active borrowers '000	
Large	3	184.26	2	157.61	
Medium	5	136.03	4	117.64	
Small	9	18.25	11	19.96	
Total	17	338.54	17	295.21	

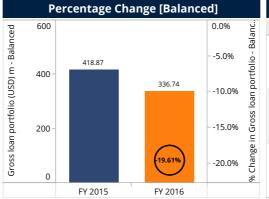




#### **Gross Loan Portfolio**

Total GLP (USD) m

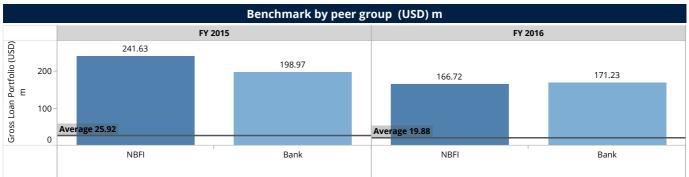
337.94

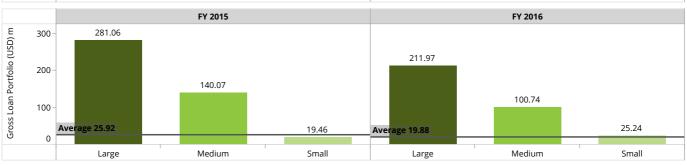


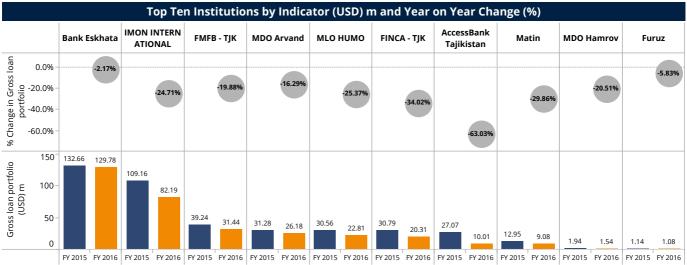
Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Gross Loan Portfolio (USD) m	0.85	0.62		
Median Gross Loan Portfolio (USD) m	12.95	1.54		
Percentile (75) of Gross Loan Portfolio (USD) m	30.79	22.81		

Benchmark by legal status						
	FY 2	015	FY 2016			
Legal Status	FSP count Portfolio (USD) m		FSP count	Gross Loan Portfolio (USD) m		
Bank	3	198.97	3	171.23		
NBFI	14	241.63	14	166.72		
Total	17	440.60	17	337.94		

Benchmark by scale						
	FY 2	015	FY 2016			
Scale	FSP count	Gross Loan Portfolio (USD) m	FSP count	Gross Loan Portfolio (USD) m		
Large	3	281.06	2	211.97		
Medium	5	140.07	4	100.74		
Small	9	19.46	11	25.24		
Total	17	440.60	17	337.94		



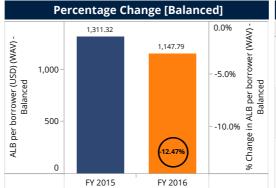




# Average loan balance (ALB) per borrower

Total ALB per Borrower (USD) (WAV)

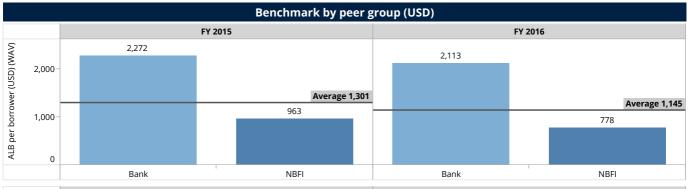
1,144.77

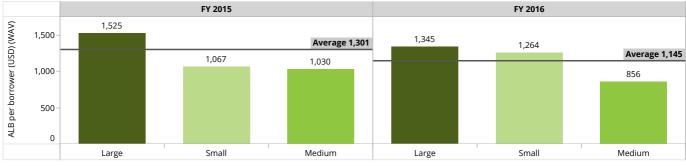


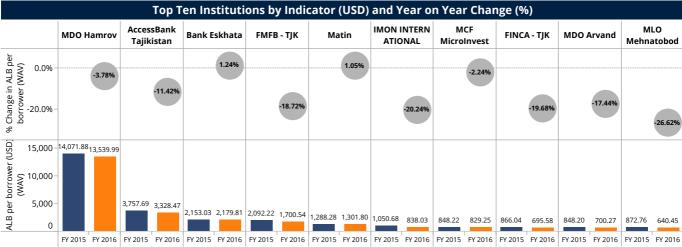
Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of ALB per borrower (USD)	747.87	601.75			
Median ALB per borrower (USD)	866.04	700.46			
Percentile (75) of ALB per borrower (USD)	1,288.28	1,301.80			

Benchmark by legal status					
	FY 2	FY 2015 FY 2			
Legal Status	FSP count	ALB per borrower (USD) (WAV)	FSP count	ALB per borrower (USD) (WAV)	
Bank	3	2,271.99	3	2,113.08	
NBFI	14	962.81	14	778.42	
Total	17	1,301.47	17	1,144.77	

Benchmark by scale						
	FY 2	015	FY 2016			
Scale	FSP count ALB per borrower (USD) (WAV)		FSP count	ALB per borrower (USD) (WAV)		
Large	3	1,525.31	2	1,344.90		
Medium	5	1,029.74	4	856.35		
Small	9	1,066.74	11	1,264.44		
Total	17	1,301.47	17	1,144.77		



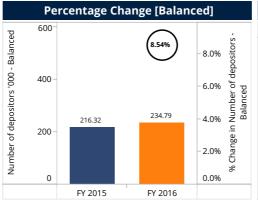




# **Number of depositors**

**Total Number of Depositors '000** 

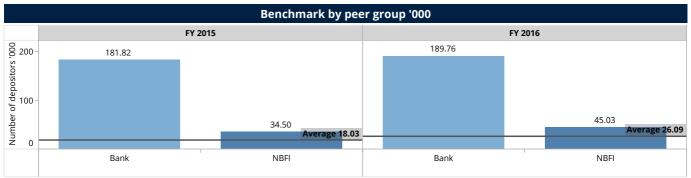
234.79

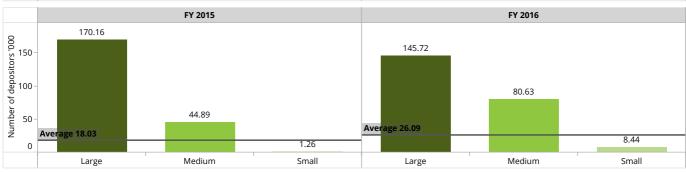


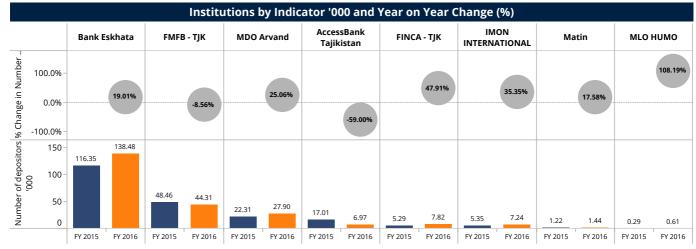
Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Number of depositors '000	0.03	1.44			
Median Number of depositors '000	3.25	7.24			
Percentile (75) of Number of depositors '000	18.33	27.90			

Benchmark by legal status					
	FY 2	:015	FY 2	2016	
Legal Status	FSP count	Number of depositors '000	FSP count	Number of depositors '000	
Bank	3	181.82	3	189.76	
NBFI	14	34.50	14	45.03	
Total	17	216.32	17	234.79	

Benchmark by scale						
	FY 2	2015	FY 2016			
Scale	FSP count Number of depositors '000		FSP count	Number of depositors '000		
Large	3	170.16	2	145.72		
Medium	5	44.89	4	80.63		
Small	9	1.26	11	8.44		
Total	17	216.32	17	234.79		



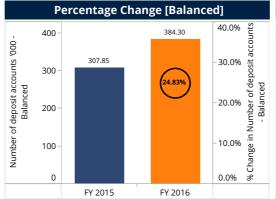




## **Number of deposit accounts**

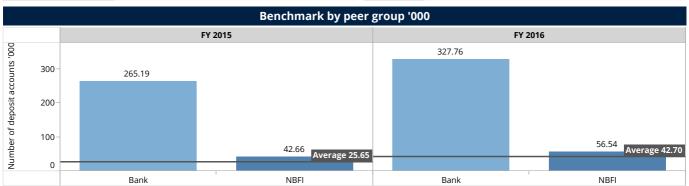
Total Number of Deposit Accounts '000

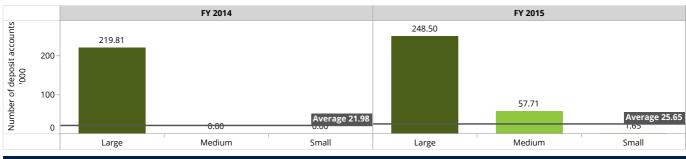
384.30

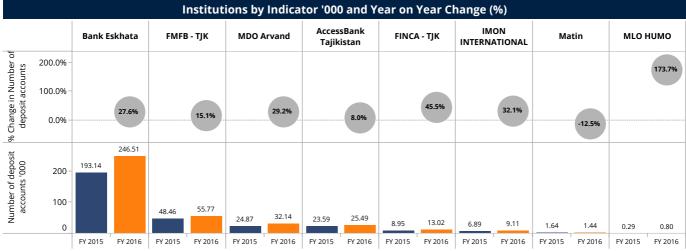


Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Number of deposit accounts '000	0.01	1.44			
Median Number of deposit accounts '000	4.27	13.02			
Percentile (75) of Number of deposit accounts '000	23.91	32.14			

Benchmark by legal status			Benchmark by scale						
	FY 2015		FY 2016			FY 2	2015	FY 2	2016
Legal Status	FSP count	Number of deposit accounts '000	FSP count	Number of deposit accounts '000	Scale	FSP count	Number of deposit accounts '000	FSP count	Number of deposit accounts '000
Bank	3	265.19	3	327.76	Large	3	248.50	2	255.62
NBFI	14	42.66	14	56.54	Medium	5	57.71	4	101.73
INDIT	14	42.00	14	30.34	Small	9	1.65	11	26.96
Total	17	307.85	17	384.30	Total	17	307.85	17	384.30



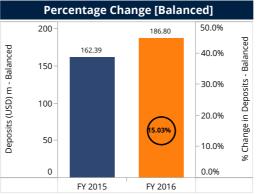




## **Deposits**

Total Deposits (USD) m

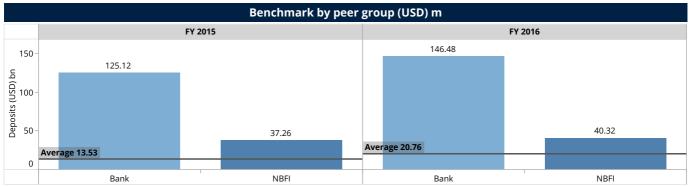
186.80

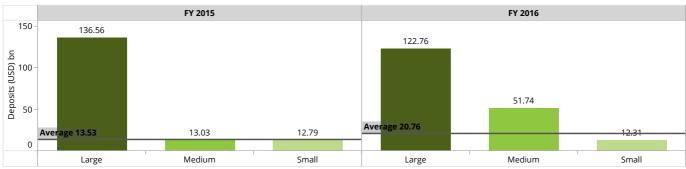


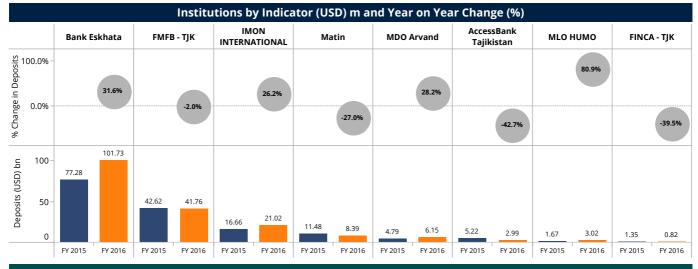
Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Deposits (USD) m	0.99	2.99			
Median Deposits (USD) m	3.23	6.15			
Percentile (75) of Deposits (USD) m	12.77	21.02			

Benchmark by legal status						
	FY 2	015	FY 2	016		
Legal Status	FSP count	Deposits (USD) m	FSP count	Deposits (USD) m		
Bank	3	125.12	3	146.48		
NBFI	14	37.26	14	40.32		
Total	17	162.39	17	186.80		

Belicilliark by Scale						
	FY 2	:015	FY 2016			
Scale	FSP count Deposits (USD) m		FSP count	Deposits (USD) m		
Large	3	136.56	2	122.76		
Medium	5	13.03	4	51.74		
Small	9	12.79	11	12.31		
Total	17	162.39	17	186.80		



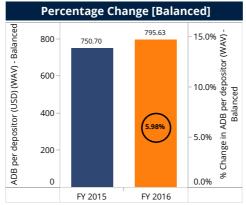




# Average deposit balance (ADB) per depositor

ADB per Depositor (USD) (WAV)

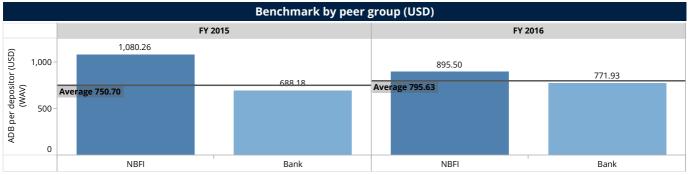
795.63

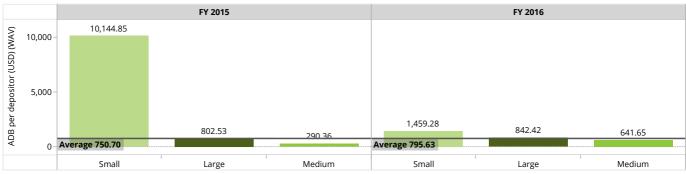


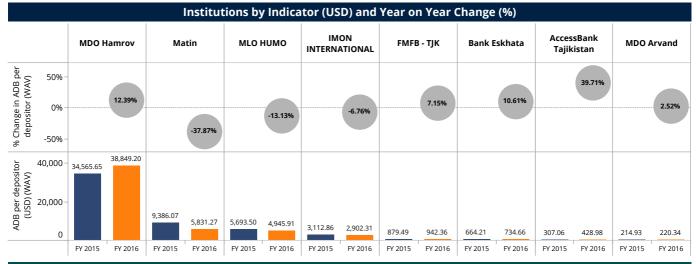
Percentiles and Median					
FY 2015 FY 201					
Percentile (25) of ADB per depositor (USD)	307.06	428.98			
Median ADB per depositor (USD)	879.49	942.36			
Percentile (75) of ADB per depositor (USD)	5,693.50	4,945.91			

Benchmark by legal status					
	FY 2015		FY 2	2016	
Legal Status	FSP count	ADB per depositor (USD) (WAV)	FSP count	ADB per depositor (USD) (WAV)	
Bank	3	688.18	3	771.93	
NBFI	14	1,080.26	14	895.50	
Total	17	750.70	17	795.63	

Benchmark by legal status							
	FY 2015		FY 2016				
Scale	FSP count	ADB per depositor (USD) (WAV)	FSP count	ADB per depositor (USD) (WAV)			
Large	3	802.53	2	842.42			
Medium	5	290.36	4	641.65			
Small	9	10,144.85	11	1,459.28			
Total	17	750.70	17	795.63			



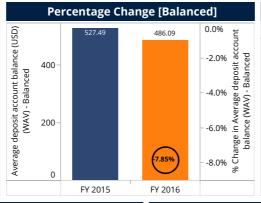




# Average deposit account balance

Average Deposit Account Balance (USD) (WAV)

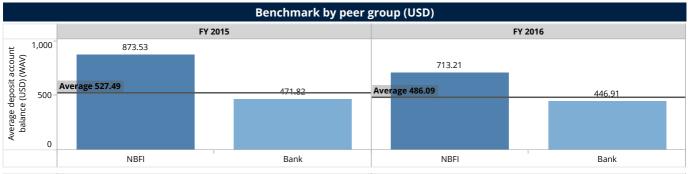
486.09

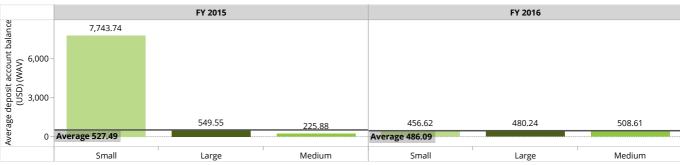


Percentiles and Median						
	FY 2015	FY 2016				
Percentile (25) of Average deposit account balance (USD)	221.38	191.24				
Median Average deposit account balance (USD)	879.49	748.81				
Percentile (75) of Average deposit account balance (USD)	5,693.50	3,761.85				

Benchmark by legal status						
	FY 2	015	FY 2016			
Legal Status	FSP count	Average deposit account balance (USD) (WAV)	FSP count	Average deposit account balance (USD) (WAV)		
Bank	3.0	471.82	3.0	446.91		
NBFI	14.0	873.53	14.0	713.21		
Aggregated	17.0	527.49	17.0	486.09		

Benchmark by scale						
	FY 2	015	FY 2016			
Scale	FSP count	Average deposit account balance (USD) (WAV)	FSP count	Average deposit account balance (USD) (WAV)		
Large	3	549.55	2	480.24		
Medium	5	225.88	4	508.61		
Small	9	7,743.74	11	456.62		
Aggregated	17	527.49	17	486.09		





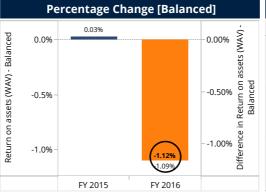
	Institutions by Indicator (USD) and Year on Year Change (%)															
	MDO H	lamrov	Ма	tin	MLO	нимо	IM INTERNA	ON ATIONAL	FMFE	з - тјк	Bank E	skhata	MDO A	Arvand		sBank istan
verage balance - %0.0								-4.46%		-14.86%		3.14%		-0.77%		
% Change in Average deposit account balance (WAV)		-82.79%		-16.49%		-33.93%				-14.00%						-46.98%
% ep -100.0% -		-02.7570														
Average deposit account balance (USD) account polynomial account balance (USD) account polynomial account po	164,186.82															
Average deposit 200.000.00 - 00.000.00 - 00.000.00 - 00.000.0																
50,000.00-		28,253.96	6 000 46													
0.00			6,982.46	5,831.27	5,693.50	3,761.85	2,416.60	2,308.85	879.49	748.81	400.13	412.69	192.73	191.24	221.38	117.37
	FY 2015	FY 2016	FY 2015	FY 2016	FY 2015	FY 2016	FY 2015	FY 2016	FY 2015	FY 2016	FY 2015	FY 2016	FY 2015	FY 2016	FY 2015	FY 2016

# Financial Performance

#### **Return on assets**

Return on Assets (WAV) aggregated to

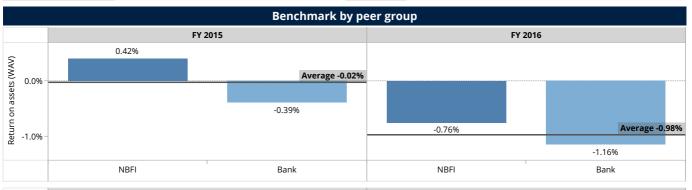
-0.98%

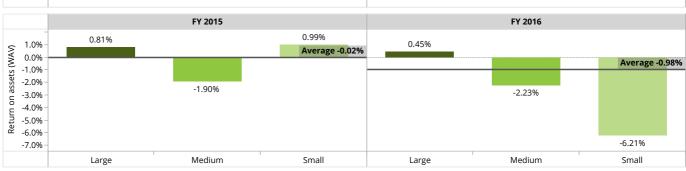


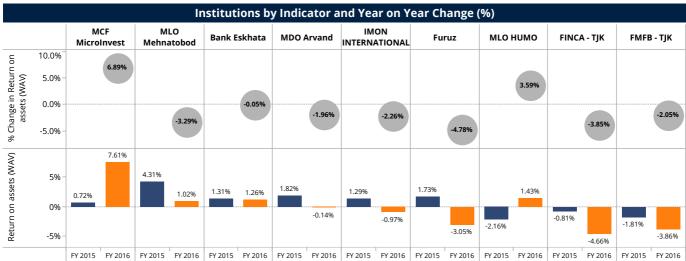
Percentiles and Median						
	FY 2015	FY 2016				
Percentile (25) of Return on assets	-1.53%	-2.53%				
Median Return on assets	0.72%	0.43%				
Percentile (75) of Return on assets	1.52%	1.39%				

Benchmark by legal status						
	FY 2	2015	FY 2016			
Legal Status	FSP count	Return on assets (WAV)	FSP count	Return on assets (WAV)		
Bank	3	-0.39%	3	-1.16%		
NBFI	14	0.42%	14	-0.76%		
Aggregated	17	-0.02%	17	-0.98%		

Benchmark by scale						
	FY 2	015	FY 2016			
Scale	FSP count	Return on assets (WAV)	FSP count	Return on assets (WAV)		
Large	3	0.81%	2	0.45%		
Medium	5	-1.90%	4	-2.23%		
Small	9	0.99%	11	-6.21%		
Aggregated	17	-0.02%	17	-0.98%		



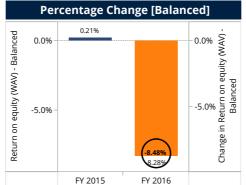




## **Return on equity**

Return on Equity (WAV) aggregated to

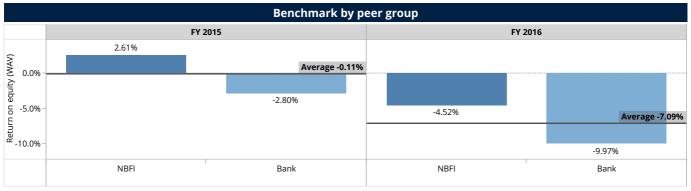
-7.09%



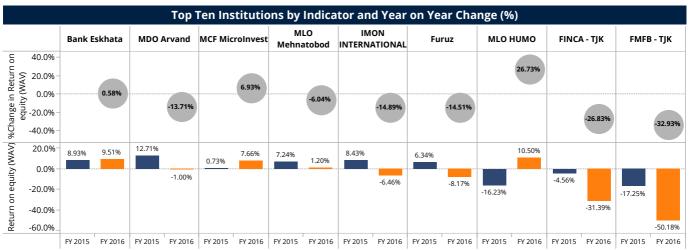
Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Return on equity	-12.32%	-7.74%			
Median Return on equity	0.73%	0.72%			
Percentile (75) of Return on equity	7.84%	7.31%			

Benchmark by legal status						
	FY 2	2015	FY 2	2016		
Legal Status	FSP count	Return on equity (WAV)	FSP count	Return on equity (WAV)		
Bank	3	-2.80%	3	-9.97%		
NBFI	14	2.61%	14	-4.52%		
Aggregated	17	-0.11%	17	-7.09%		

Benchmark by scale							
	FY 2	015	FY 2016				
Scale	FSP count	Return on equity (WAV)	FSP count	Return on equity (WAV)			
Large	3	5.69%	2	3.27%			
Medium	5	-12.80%	4	-19.37%			
Small	9	1.67%	11	-29.52%			
Aggregated	17	-0.11%	17	-7.09%			



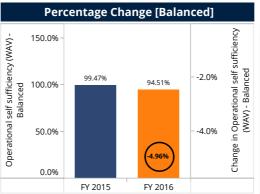




# **Operating self sufficiency (OSS)**

Operational Self Sufficiency (WAV) aggregated to

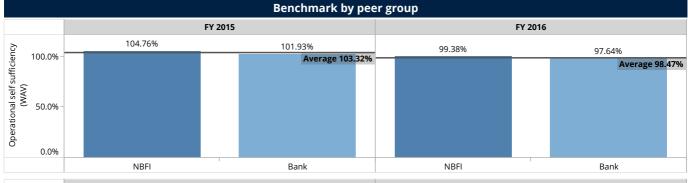
98.47%

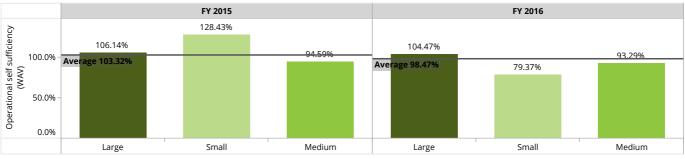


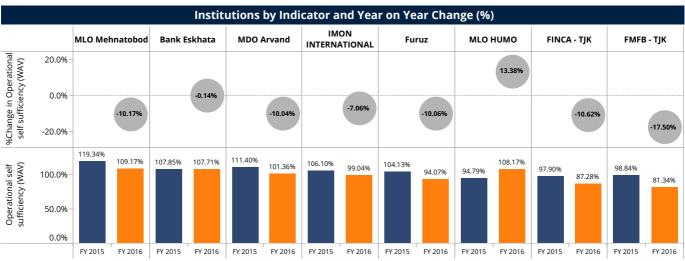
Percentiles and Median						
	FY 2015	FY 2016				
Percentile (25) of Operational self sufficiency	96.35%	87.28%				
Median Operational self sufficiency	104.13%	102.96%				
Percentile (75) of Operational self sufficiency	115.37%	108.17%				

Benchmark by legal status						
	FY 2	2015	FY 2	FY 2016		
Legal Status	FSP count	Operational self sufficiency (WAV)	FSP count	Operational self sufficiency (WAV)		
Bank	3	101.93%	3	97.64%		
NBFI	14	104.76%	14	99.38%		
Aggregated	17	103.32%	17	98.47%		

Benchmark by Scale						
	FY 2015		FY 2016			
Scale	FSP count	Operational self sufficiency (WAV)	FSP count	Operational self sufficiency (WAV)		
Large	3	106.14%	2	104.47%		
Medium	5	94.59%	4	93.29%		
Small	9	128.43%	11	79.37%		
Aggregated	17	103.32%	17	98.47%		





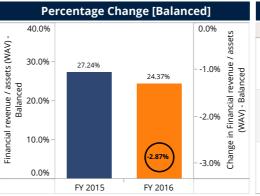


# Revenue & Expenses

# Financial revenue by assets

Financial
Revenue/Assets (WAV)
aggregated to

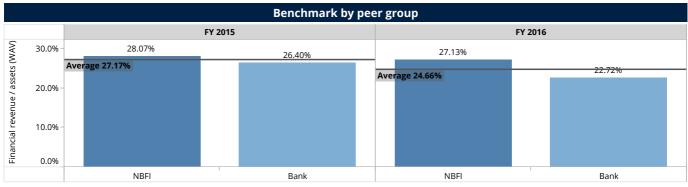
24.66%

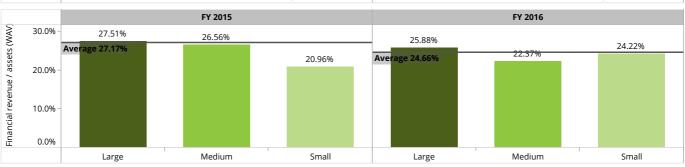


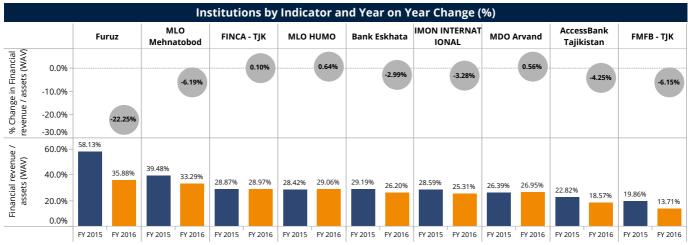
Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Financial revenue / assets	24.61%	20.09%			
Median Financial revenue / assets	28.42%	25.76%			
Percentile (75) of Financial revenue / assets	29.03%	29.04%			

Benchmark by legal status						
	FY 2	2015	FY 2016			
Legal Status	FSP count	Financial revenue / assets (WAV)	FSP count	Financial revenue / assets (WAV)		
Bank	3	26.40%	3	22.72%		
NBFI	14	28.07%	14	27.13%		
Aggregated	17	27.17%	17	24.66%		

Benchmark by scale						
	FY 2	015	FY 2016			
Scale	FSP count	Financial revenue / assets (WAV)	FSP count	Financial revenue / assets (WAV)		
Large	3	27.51%	2	25.88%		
Medium	5	26.56%	4	22.37%		
Small	9	20.96%	11	24.22%		
Aggregated	17	27.17%	17	24.66%		



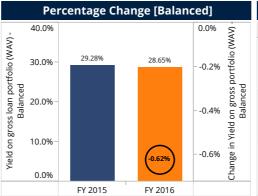




# Yield on gross loan portfolio

Yield on GLP (WAV) aggregated to

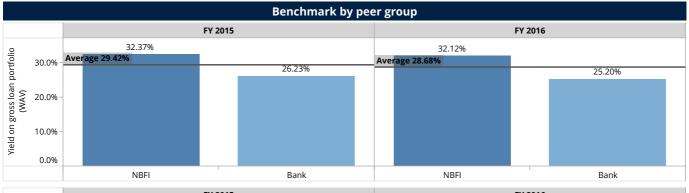
28.68%

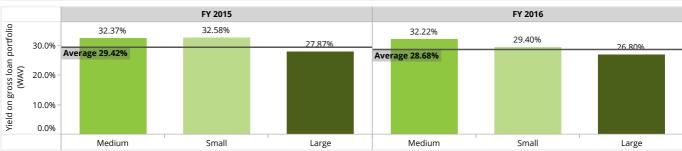


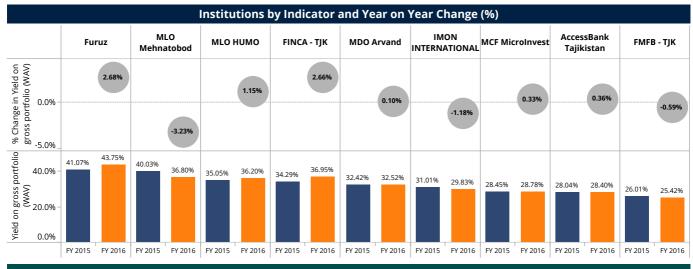
Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Yield on gross loan portfolio (nominal)	28.25%	25.51%		
Median Yield on gross loan portfolio (nominal)	32.42%	29.31%		
Percentile (75) of Yield on gross loan portfolio (nominal)	34.67%	35.28%		

Benchmark by legal status						
	FY 2	2015	FY 2016			
Legal Status	FSP count	Yield on gross loan portfolio (WAV)	FSP count	Yield on gross loan portfolio (WAV)		
Bank	3	26.23%	3	25.20%		
NBFI	14	32.37%	14	32.12%		
Aggregated	17	29.42%	17	28.68%		

Benchmark by scale						
	FY 2015		FY 2016			
Scale	FSP count	Yield on gross loan portfolio (WAV)	FSP count	Yield on gross loan portfolio (WAV)		
Large	3	27.87%	2	26.80%		
Medium	5	32.37%	4	32.22%		
Small	9	32.58%	11	29.40%		
Aggregated	17	29.42%	17	28.68%		



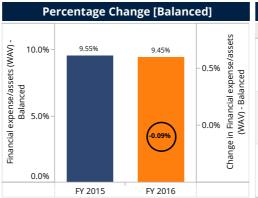




## Financial expense by assets

Financial Expense/Assets (WAV) aggregated to

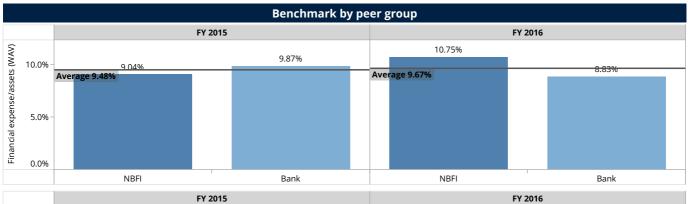
9.67%

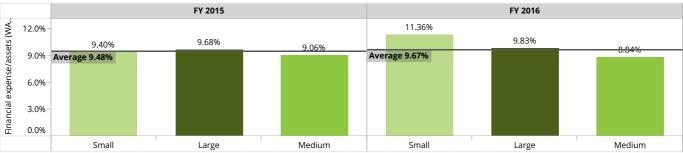


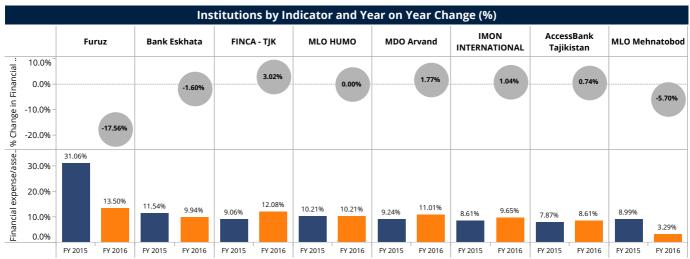
Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Financial expense / assets	8.24%	5.47%		
Median Financial expense / assets	9.06%	9.65%		
Percentile (75) of Financial expense / assets	9.73%	11.01%		

Benchmark by legal status						
	FY 2	2015	FY 2016			
Legal Status	FSP count expense/ assets (WAV)		FSP count	Financial expense/ assets (WAV)		
Bank	3	9.87%	3	8.83%		
NBFI	14	9.04%	14	10.75%		
Aggregated	17	9.48%	17	9.67%		

	Benchmark by scale						
	FY 2015		FY 2016				
Scale	FSP count	Financial expense/assets (WAV)	FSP count	Financial expense/assets (WAV)			
Large	3	9.68%	2	9.83%			
Medium	5	9.06%	4	8.84%			
Small	9	9.40%	11	11.36%			
Aggregated	17	9.48%	17	9.67%			



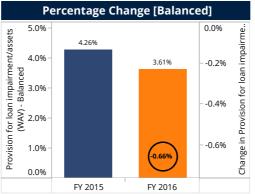




# Provision for loan impairment by assets

Provision for Loan Impairment/Assets (WAV) aggregated to

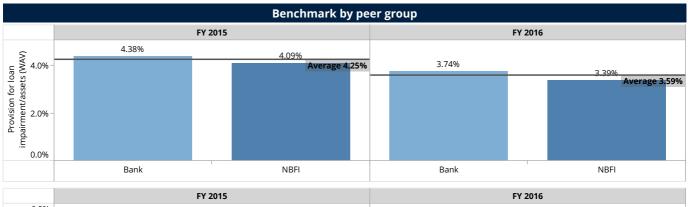
3.59%



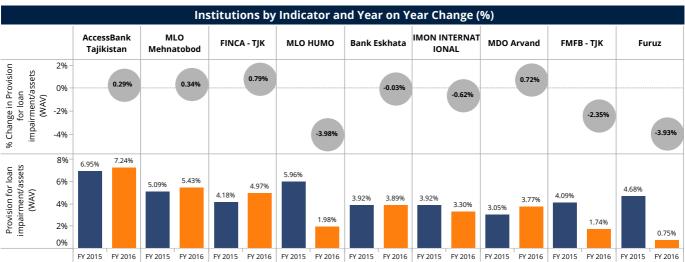
Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Provision for loan impairment / assets	3.92%	1.92%		
Median Provision for loan impairment / assets	4.18%	3.33%		
Percentile (75) of Provision for loan impairment / assets	4.89%	4.16%		

Benchmark by legal status				
	FY 2015		FY 2016	
Legal Status	FSP count	Provision for loan impairment/ assets (WAV)	FSP count	Provision for loan impairment/ assets (WAV)
Bank	3	4.38%	3	3.74%
NBFI	14	4.09%	14	3.39%
Aggregated	17	4.25%	17	3.59%

Benchmark by scale					
	FY 2015		FY 2016		
Scale	FSP count	FSP count Provision for loan impairment/ assets (WAV)		Provision for loan impairment/ assets (WAV)	
Large	3	3.95%	2	3.68%	
Medium	5	4.99%	4	2.86%	
Small	9	1.80%	11	5.41%	
Aggregated	17	4.25%	17	3.59%	



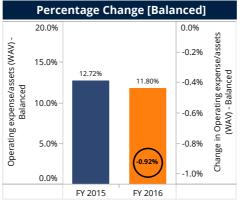




## **Operating expenses by assets**

Operating Expense/Asset (WAV) aggregated to

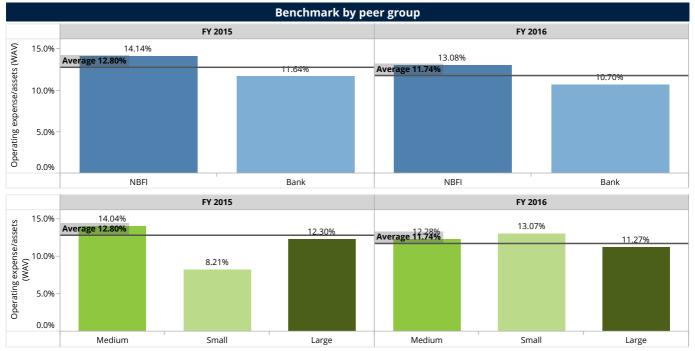
11.74%

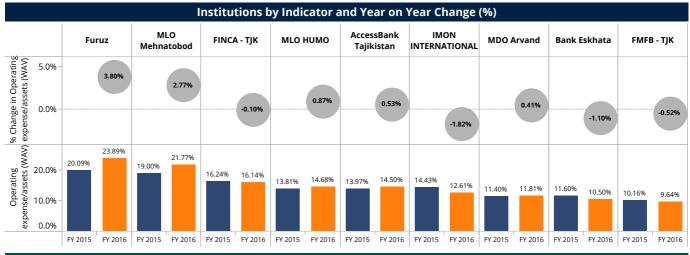


Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Operating expense / assets	11.50%	10.08%		
Median Operating expense / assets	13.97%	13.56%		
Percentile (75) of Operating expense / assets	16.08%	17.71%		

Benchmark by legal status				
	FY 2015		FY 2016	
Legal Status	FSP count	Operating expense/ assets ( WAV)	FSP count	Operating expense/ assets ( WAV)
Bank	3	11.64%	3	10.70%
NBFI	14	14.14%	14	13.08%
Aggregated	17	12.80%	17	11.74%

Benchmark by scale					
	FY 2015		FY 2016		
Scale	FSP count	Operating expense/assets (WAV)	FSP count	Operating expense/assets (WAV)	
Large	3	12.30%	2	11.27%	
Medium	5	14.04%	4	12.28%	
Small	9	8.21%	11	13.07%	
Aggregated	17	12.80%	17	11.74%	

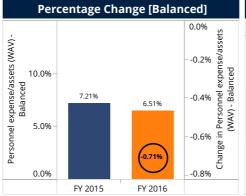




#### Personnel expenses by assets

Personnel expense/assets (WAV) aggregated to

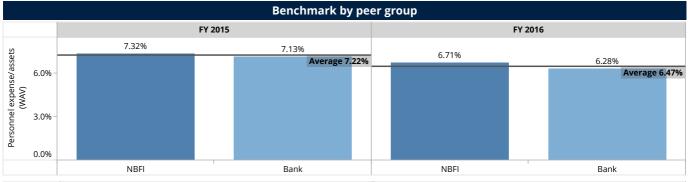
6.47%

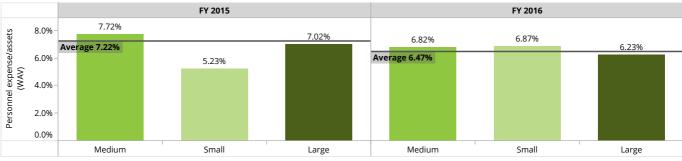


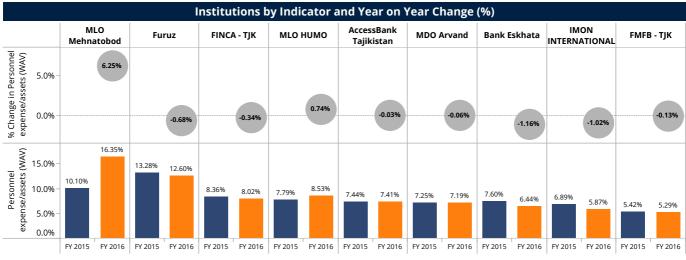
Percentiles and Median				
	FY 2015	FY 2016		
Percentile (25) of Personnel expense / assets	7.07%	5.44%		
Median Personnel expense / assets	7.60%	7.30%		
Percentile (75) of Personnel expense / assets	8.19%	11.58%		

Benchmark by legal status						
	FY 2	015	FY 2016			
Legal Status	FSP count	Personnel expense/ assets (WAV)	FSP count	Personnel expense/ assets (WAV)		
Bank	3	7.13%	3	6.28%		
NBFI	14	7.32%	14	6.71%		
Aggregated	17	7.22%	17	6.47%		

Benchmark by scale							
	FY 2	2015	FY 2016				
Scale	FSP count	Personnel expense/assets (WAV)	FSP count	Personnel expense/assets (WAV)			
Large	3	7.02%	2	6.23%			
Medium	5	7.72%	4	6.82%			
Small	9	5.23%	11	6.87%			
Aggregated	17	7.22%	17	6.47%			





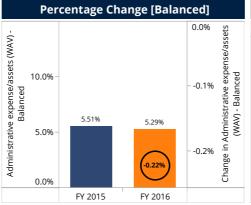


#### Administrative expense by assets

Administrative expense/assets (WAV) aggregated to

5.27%

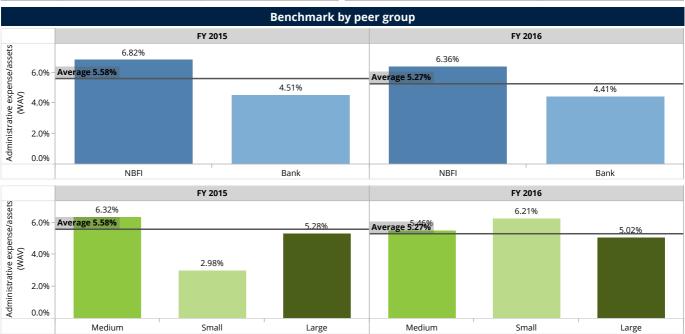
for FY 2016

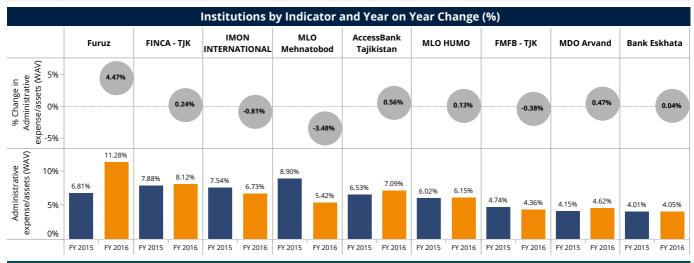


Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Administrative expense / assets	4.45%	3.92%			
Median Administrative expense / assets	6.53%	4.87%			
Percentile (75) of Administrative expense / assets	7.71%	6.59%			

Benchmark by legal status							
	FY 2	2015	FY 2016				
Legal Status	FSP count expense/ assets (WAV)		FSP count	Administrative expense/ assets (WAV)			
Bank	3	4.51%	3	4.41%			
NBFI	14	6.82%	14	6.36%			
Aggregated	17	5.58%	17	5.27%			

Benchmark by scale							
	FY 2015		FY 2016				
Scale	FSP count	Administrative expense/assets (WAV)	FSP count	Administrative expense/assets (WAV)			
Large	3	5.28%	2	5.02%			
Medium	5	6.32%	4	5.46%			
Small	9	2.98%	11	6.21%			
Aggregated	17	5.58%	17	5.27%			





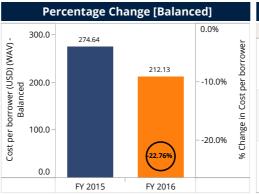
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# Productivity & Efficiency

#### **Cost per borrower**

Cost per borrower (USD) (WAV)

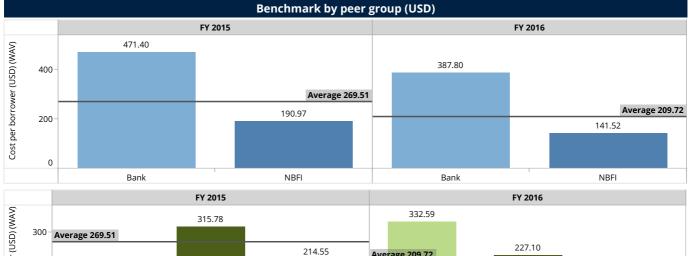
209.72



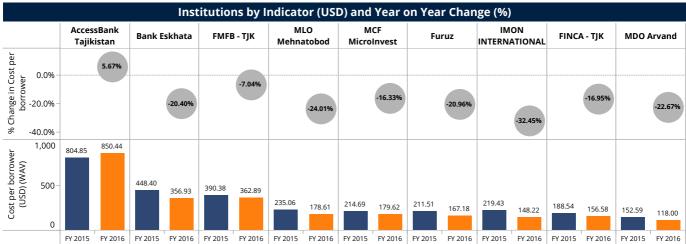
Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Cost per borrower (USD)	200.02	132.64			
Median Cost per borrower (USD)	219.43	169.03			
Percentile (75) of Cost per borrower (USD)	312.72	312.60			

Benchmark by legal status						
	FY 2	2015	FY 2	2016		
Legal Status	FSP count Cost per borrower (USD) (WAV)		FSP count	Cost per borrower (USD) (WAV)		
Bank	3	471.40	3	387.80		
NBFI	14	190.97	14	141.52		
Aggregated	17	269.51	17	209.72		

Benchmark by scale							
	FY 2	015	FY 2	2016			
Scale	FSP count	Cost per borrower (USD) (WAV)	FSP count	Cost per borrower (USD) (WAV)			
Large	3	315.78	2	227.10			
Medium	5	214.55	4	166.74			
Small	9	85.05	11	332.59			
Aggregated	17	269.51	17	209.72			



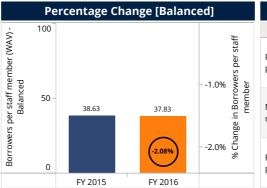




#### Borrower per staff member

Borrowers per staff member (WAV)

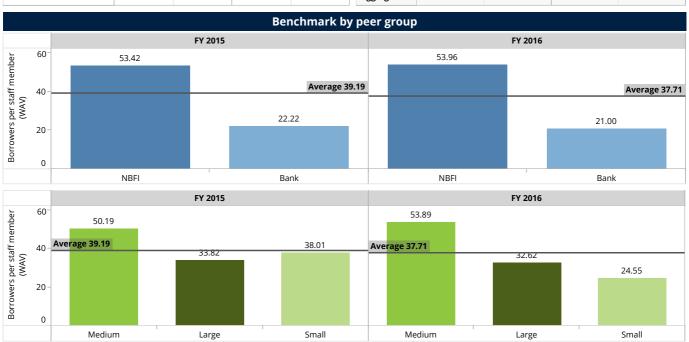
**37.71** 

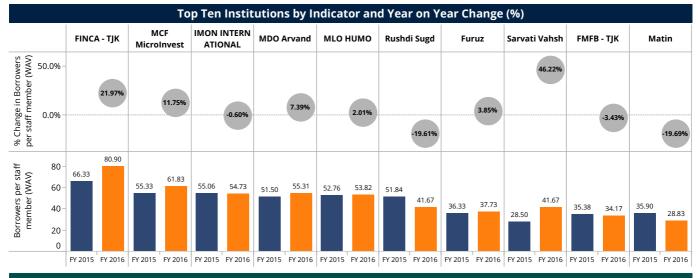


Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Borrowers per staff member	28.50	23.66			
Median Borrowers per staff member	36.33	34.17			
Percentile (75) of Borrowers per staff member	52.76	53.82			

Benchmark by legal status						
	FY 2	015	FY 2	016		
Legal Status	FSP count	Borrowers per staff member (WAV)	FSP count	Borrowers per staff member (WAV)		
Bank	3	22.22	3	21.00		
NBFI	14	53.42	14	53.96		
Aggregated	17	39.19	17	37.71		

Benchmark by scale							
	FY 2015		FY 2016				
Scale	FSP count	Borrowers per staff member (WAV)	FSP count	Borrowers per staff member (WAV)			
Large	3	33.82	2	32.62			
Medium	5	50.19	4	53.89			
Small	9	38.01	11	24.55			
Aggregated	17	39.19	17	37.71			

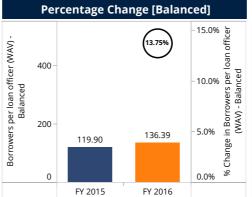




#### Borrower per loan officer

Borrowers per loan officer (WAV)

135.04

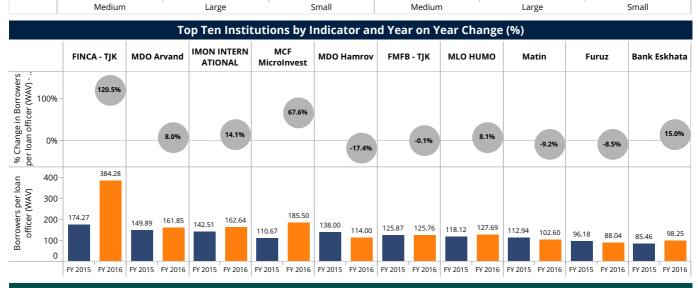


Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Borrowers per loan officer	85.46	69.45			
Median Borrowers per loan officer	112.94	102.60			
Percentile (75) of Borrowers per loan officer	138.00	127.69			

Benchmark by legal status					
	FY 2	015	FY 2016		
Legal Status	FSP count	Borrowers per loan officer (WAV)	FSP count	Borrowers per loan officer (WAV)	
Bank	3	89.64	3	99.55	
NBFI	14	135.36	14	156.10	
Aggregated	17	119.58	17	135.04	

Benchmark by scale						
	FY 2	015	FY 2016			
Scale	FSP count	Borrowers per loan officer (WAV)	FSP count	Borrowers per loan officer (WAV)		
Large	3	115.24	2	130.36		
Medium	5	129.80	4	165.92		
Small	9	99.17	11	74.47		
Aggregated	17	119.58	17	135.04		

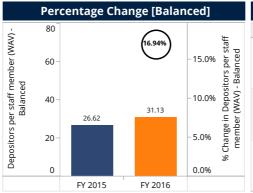




#### **Depositors per staff member**

Depositors per staff member (WAV)

29.99

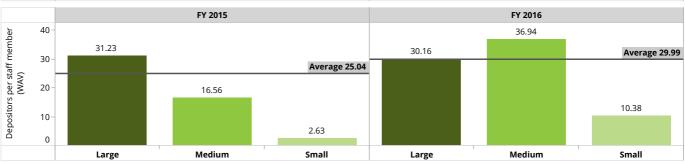


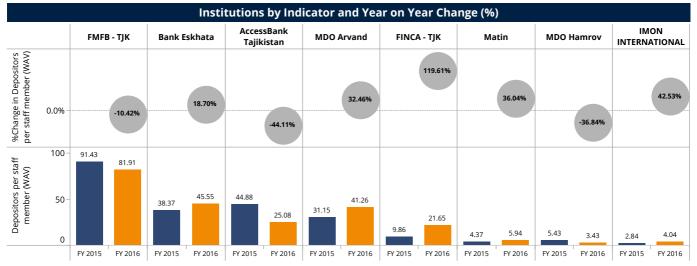
	Percentiles and Median					
Ī		FY 2015	FY 2016			
	Percentile (25) of Depositors per staff member	0.29	4.04			
	Median Depositors per staff member	4.90	21.65			
	Percentile (75) of Depositors per staff member	32.96	41.26			

Benchmark by legal status						
	FY 2	015	FY 2	016		
Legal Status	FSP count Depositors per staff member (WAV)		FSP count	Depositors per staff member (WAV)		
Bank	3	46.14	3	49.17		
NBFI	14	7.34	14	11.34		
Aggregated	17	25.04	17	29.99		

Benchmark by scale						
	FY 2	2015	FY 2016			
Scale	FSP count Depositors per staff member (WAV)		FSP count	Depositors per staff member (WAV)		
Large	3	31.23	2	30.16		
Medium	5	16.56	4	36.94		
Small	9	2.63	11	10.38		
Aggregated	17	25.04	17	29.99		



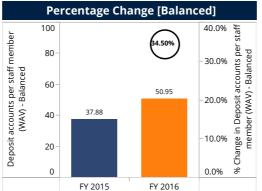




#### Deposit accounts per staff member

Deposit accounts per staff member (WAV)

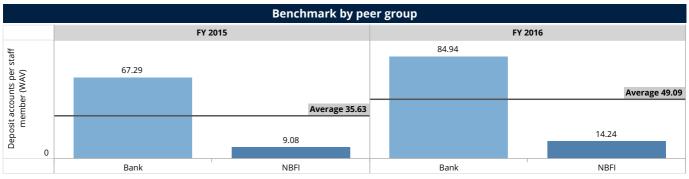
49.09

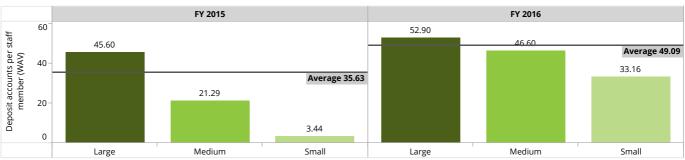


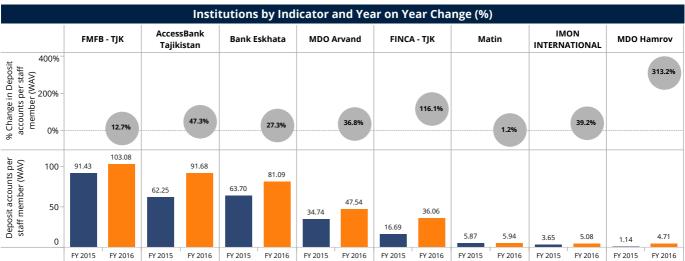
Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Deposit accounts per staff member	0.29	5.08			
Median Deposit accounts per staff member	4.76	36.06			
Percentile (75) of Deposit accounts per staff member	41.62	81.09			

Benchmark by legal status						
	FY 2015		FY 2	2016		
Legal Status	FSP count accounts per staff member (WAV)		FSP count	Deposit accounts per staff member (WAV)		
Bank	3	67.29	3	84.94		
NBFI	14	9.08	14	14.24		
Aggregated	17	35.63	17	49.09		

Benchmark by scale						
	FY 2	2015	FY 2	:016		
Scale	FSP count Deposit accounts per staff member (WAV)		FSP count	Deposit accounts per staff member (WAV)		
Large	3	45.60	2	52.90		
Medium	5	21.29	4	46.60		
Small	9	3.44	11	33.16		
Aggregated	17	35.63	17	49.09		



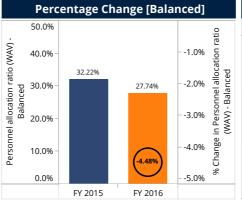




#### **Personnel allocation ratio**

Personnel allocation ratio (WAV) aggregated to

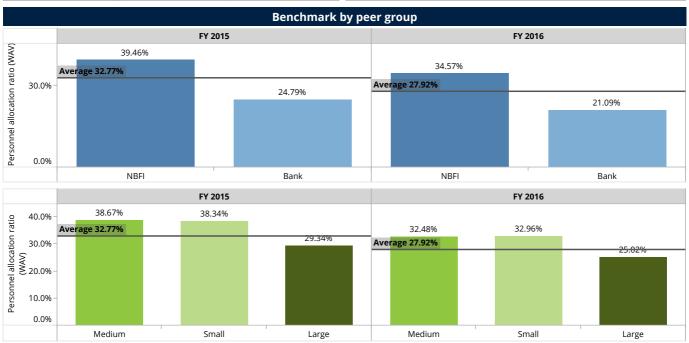
27.92%

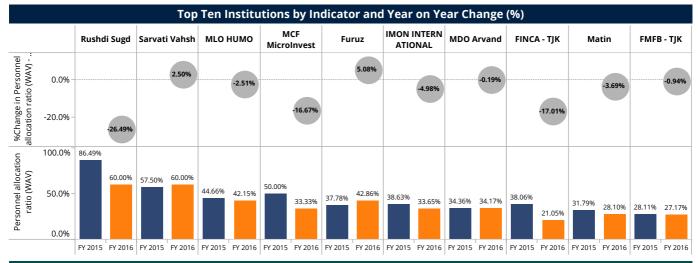


Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Personnel allocation ratio	28.23%	26.67%			
Median Personnel allocation ratio	34.36%	33.33%			
Percentile (75) of Personnel allocation ratio	44.66%	42.15%			

Benchmark by legal status					
	FY 2	2015	FY 2016		
Legal Status	FSP count Personnel allocation ratio (WAV)		FSP count	Personnel allocation ratio (WAV)	
Bank	3	24.79%	3	21.09%	
NBFI	14	39.46%	14	34.57%	
Aggregated	17	32.77%	17	27.92%	

Benchmark by scale					
	FY 2	2015	FY 2016		
Scale	FSP count allocation ratio (WAV)		FSP count	Personnel allocation ratio (WAV)	
Large	3	29.34%	2	25.02%	
Medium	5	38.67%	4	32.48%	
Small	9	38.34%	11	32.96%	
Aggregated	17	32.77%	17	27.92%	



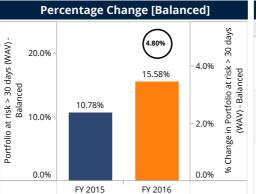


# Risk & Liquidity

#### Portfolio at risk > 30 days (%)

Portfolio at risk > 30 days (WAV) aggregated to

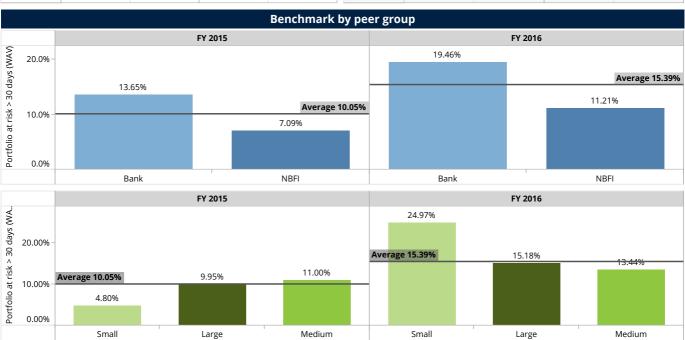
15.39%

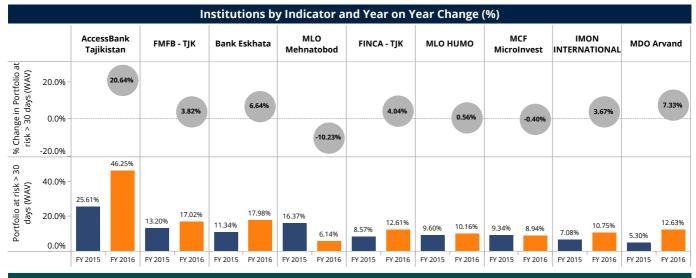


Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Portfolio at risk > 30 days	5.89%	8.94%			
Median Portfolio at risk > 30 days	8.06%	12.43%			
Percentile (75) of Portfolio at risk > 30 days	10.04%	14.03%			

Benchmark by legal status								
	FY 2	2015	FY 2016					
Legal Status	FSP count risk > 30 da (WAV)		FSP count	Portfolio at risk > 30 days (WAV)				
Bank	3	13.65%	3	19.46%				
NBFI	14	7.09%	14	11.21%				
Aggregated	17	10.05%	17	15.39%				

Benchmark by scale							
	FY 2	2015	FY 2	2016			
Scale	FSP count	Portfolio at risk > 30 days (WAV)	FSP count	Portfolio at risk > 30 days (WAV)			
Large	3	9.95%	2	15.18%			
Medium	5	11.00%	4	13.44%			
Small	9	4.80%	11	24.97%			
Aggregated	17	10.05%	17	15.39%			

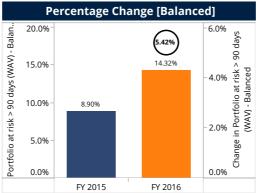




#### Portfolio at risk > 90 days (%)

Portfolio at risk > 90 days (WAV) aggregated to

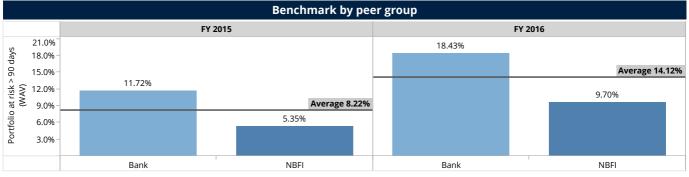
14.12%



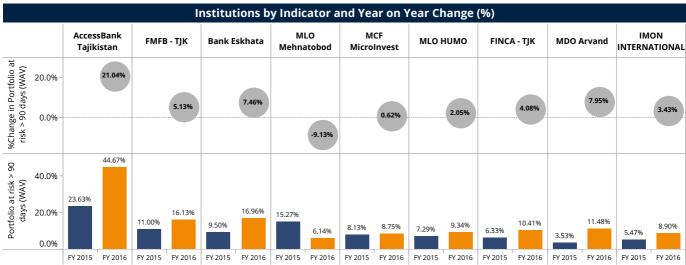
Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Portfolio at risk > 90 days	5.47%	8.75%			
Median Portfolio at risk > 90 days	6.93%	11.37%			
Percentile (75) of Portfolio at risk > 90 days	9.50%	12.49%			

Benchmark by legal status						
	FY 2	2015	FY 2016			
Legal Status	FSP count	Portfolio at risk > 90 days (WAV)	FSP count	Portfolio at risk > 90 days (WAV)		
Bank	3	11.72%	3	18.43%		
NBFI	14	5.35%	14	9.70%		
Aggregated	17	8.22%	17	14.12%		

Benchmark by scale							
	FY 2015		FY 2016				
Scale	FSP count risk > 90 days (WAV)		FSP count	Portfolio at risk > 90 days (WAV)			
Large	3	8.14%	2	13.83%			
Medium	5	8.96%	4	12.23%			
Small	9	4.08%	11	24.05%			
Aggregated	17	8.22%	17	14.12%			



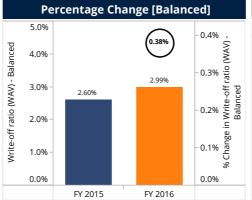




#### Write-off ratio

Write-off ratio (WAV) aggregated to

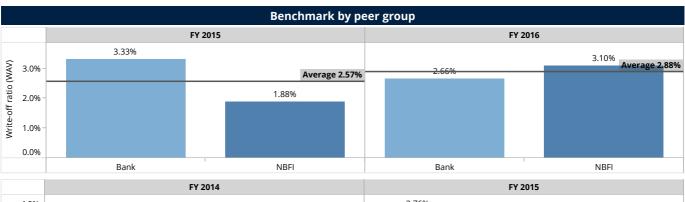
2.88%

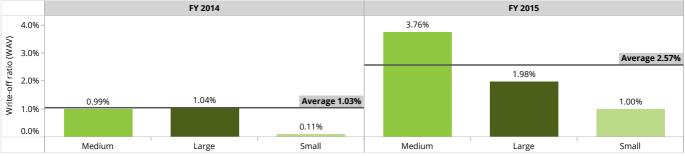


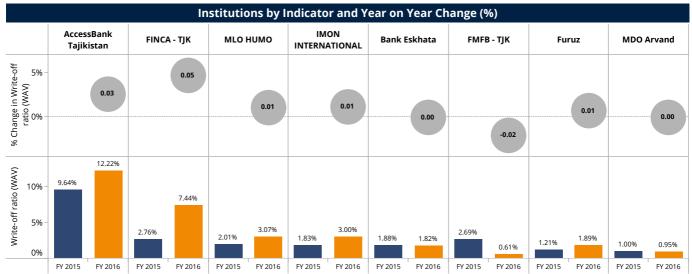
Percentiles and Median					
	FY 2015	FY 2016			
Percentile (25) of Write-off ratio	1.84%	0.92%			
Median Write-off ratio	2.03%	1.86%			
Percentile (75) of Write-off ratio	2.63%	3.05%			

Benchmark by legal status					
	FY 2	2015	FY 2	2016	
Legal Status	FSP count	Write-off ratio (WAV)	FSP count	Write-off ratio (WAV)	
Bank	3	3.33%	3	2.66%	
NBFI	14	1.88%	14	3.10%	
Aggregated	17	2.57%	17	2.88%	

Benchmark by scale							
	FY 2	015	FY 2016				
Scale	FSP count Write-off ratio (WAV)		FSP count	Write-off ratio (WAV)			
Large	3	1.98%	2	2.31%			
Medium	5	3.76%	4	2.80%			
Small	9	1.00%	11	6.88%			
Aggregated	17	2.57%	17	2.88%			



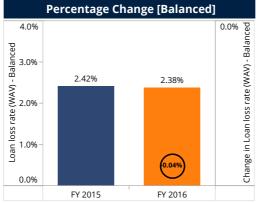




#### Loan loss rate

Loan loss rate (WAV) aggregated to

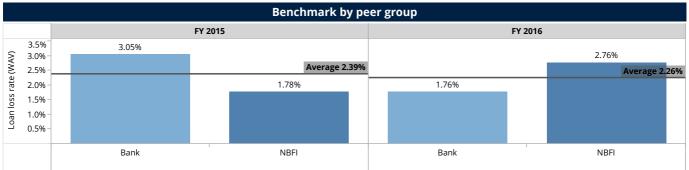
2.26%

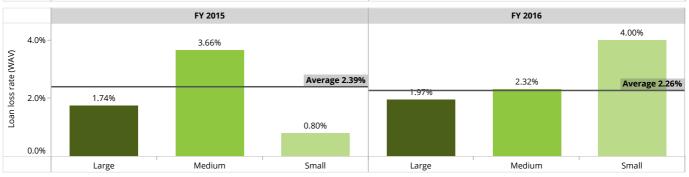


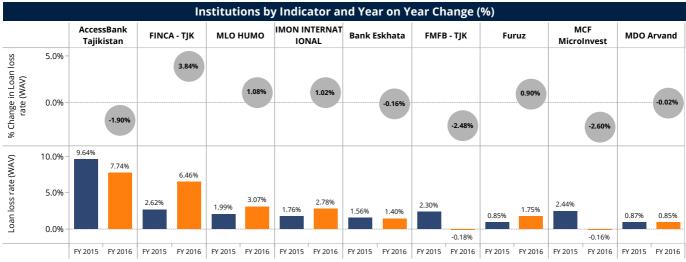
	Percentiles and Median					
		FY 2015	FY 2016			
	Percentile (25) of Loan loss rate	1.61%	-0.17%			
	Median Loan loss rate	1.90%	1.16%			
-	Percentile (75) of Loan loss rate	2.41%	2.85%			

Benchmark by legal status					
	FY 2	015	FY 2	016	
Legal Status	FSP count	Loan loss rate (WAV)	FSP count	Loan loss rate (WAV)	
Bank	3	3.05%	3	1.76%	
NBFI	14	1.78%	14	2.76%	
Aggregated	17 2.39% 17 2.26%				

Benchmark by scale							
	FY 2	2015	FY 2	2016			
Scale	FSP count Loan loss rate (WAV)		FSP count	Loan loss rate (WAV)			
Large	3	1.74%	2	1.97%			
Medium	5	3.66%	4	2.32%			
Small	9	0.80%	11	4.00%			
Aggregated	17	2.39%	17	2.26%			



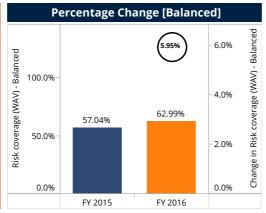




#### **Risk coverage**

Risk coverage (WAV) aggregated to

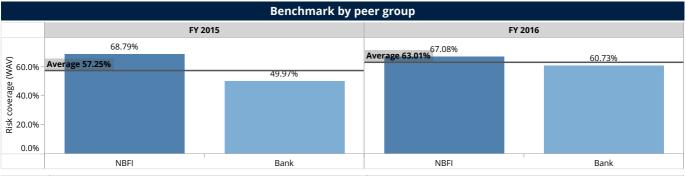
63.01%

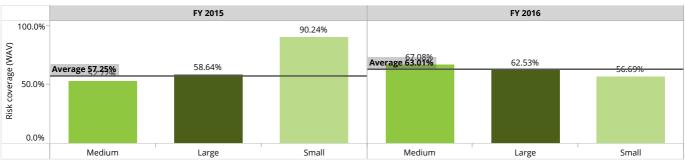


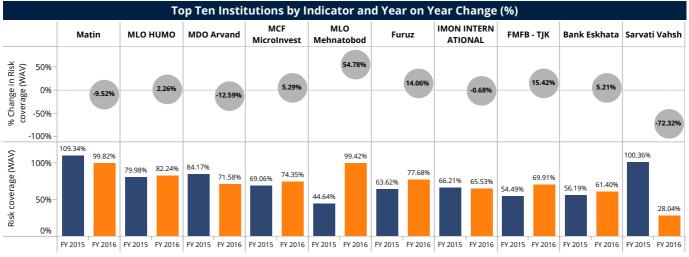
Percentiles and Median											
	FY 2015	FY 2016									
Percentile (25) of Risk coverage	51.75%	46.72%									
Median Risk coverage	64.92%	71.58%									
Percentile (75) of Risk coverage	77.25%	82.24%									

Benchmark by legal status											
	FY 2	015	FY 2016								
Legal Status	FSP count	Risk coverage (WAV)	FSP count	Risk coverage (WAV)							
Bank	3	49.97%	3	60.73%							
NBFI	14	68.79%	14	67.08%							
Aggregated	17	57.25%	17	63.01%							

Benchmark by Scale											
	FY 2	2015	FY 2016								
Scale	FSP count	Risk coverage (WAV)	FSP count	Risk coverage (WAV)							
Large	3	58.64%	2	62.53%							
Medium	5	52.72%	4	67.08%							
Small	9	90.24%	11	56.69%							
Aggregated	17	57.25%	17	63.01%							







## Financial Service Provider (FSP) data

### Financial Service Providers (FSPs) Operational Indicators

Legal Status	Name	FY	Assets (USD) m	Equity (USD) m	Offices	Personnel	Loan officers	Deposits to loans (WAV)	Deposits to total assets (WAV)	Number of active borrowers '000	Gross Loan Portfolio (USD) m	ALB per borrower (USD) (WAV)	Number of depositors '000	Number of deposit accounts '000	Deposits (USD) m	ADB per depositor (USD) (WAV)	Average deposit account balance (USD) (WAV)
	AccessBank Tajikistan	FY 2015	42.56	4.69	8	379	107	19.29%	12.27%	7.20	27.07	3,757.69	17.01	23.59	5.22	307.06	221.38
	AccessBank Tajikistan	FY 2016	16.84	2.37	8	278	61	29.90%	17.77%	3.01	10.01	3,328.47	6.97	25.49	2.99	428.98	117.37
		FY 2015	226.40	30.13	22	3,032	721	58.25%	34.13%	61.62	132.66	2,153.03	116.35	193.14	77.28	664.21	400.13
Bank	Bank Eskhata	FY 2016	212.94	28.00	22	3,040	606	78.39%	47.77%	59.54	129.78	2,179.81	138.48	246.51	101.73	734.66	412.69
	51155 511	FY 2015	71.80	5.65	7	530	149	108.62%	59.36%	18.75	39.24	2,092.22	48.46	48.46	42.62	879.49	879.49
	FMFB - TJK	FY 2016	57.39	5.38	7	541	147	132.83%	72.76%	18.49	31.44	1,700.54	44.31	55.77	41.76	942.36	748.81
	Borshud	FY 2016	0.39	0.25	2	28	11			0.43	0.25	589.82					
	Fayzi surhob	FY 2016	0.65	0.56	20	30	20			0.96	0.58	601.75					
		FY 2015	38.01	6.29	13	536	204	4.38%	3.55%	35.55	30.79	866.04	5.29	8.95	1.35	255.41	150.87
	FINCA - TJK	FY 2016	30.15	4.02	17	361	76	4.02%	2.71%	29.21	20.31	695.58	7.82	13.02	0.82	104.55	62.77
		FY 2015	1.32	0.44	5	45	17	0.00%	0.00%	1.64	1.14	699.72	0.00	0.00	0.00		
	Furuz	FY 2016	1.25	0.51	5	56	24			2.11	1.08	509.89					
	Hamyori	FY 2016	0.39	0.24	5	15	4			0.44	0.37	850.66					
	Imkoniyat Hovar	FY 2015	1.17	0.79	2	36	11			2.30	1.02	445.67					
	IMON INTERNATIONAL	FY 2015	144.18	21.41	131	1,887	729	15.26%	11.55%	103.89	109.16	1,050.68	5.35	6.89	16.66	3,112.86	2,416.60
		FY 2016	109.20	17.80	135	1,792	603	25.58%	19.25%	98.07	82.19	838.03	7.24	9.11	21.02	2,902.31	2,308.85
	Madina va Hamkoron	FY 2015	0.46	0.27	2	15	4			0.46	0.32	696.59					
	Matin	FY 2015	16.80	4.31	12	280	89	88.64%	68.34%	10.05	12.95	1,288.28	1.22	1.64	11.48	9,386.07	6,982.46
		FY 2016	12.85	4.07	12	242	68	92.32%	65.26%	6.98	9.08	1,301.80	1.44	1.44	8.39	5,831.27	5,831.27
		FY 2015	1.28	1.27	1	6	3	0.00%	0.00%	0.33	0.28	848.22	0.00	0.00	0.00		
NBFI	MCF MicroInvest	FY 2016	1.24	1.23	1	6	2			0.37	0.31	829.25					
		FY 2015	47.58	6.08	6	716	246	15.33%	10.07%	36.87	31.28	848.20	22.31	24.87	4.79	214.93	192.73
	MDO Arvand	FY 2016	33.05	5.20	6	676	231	23.48%	18.60%	37.39	26.18	700.27	27.90	32.14	6.15	220.34	191.24
		FY 2015	2.19	0.77	1	7	1	67.64%	60.09%	0.14	1.94	14,071.88	0.04	0.01	1.31	34,565.65	164,186.82
	MDO Hamrov	FY 2016	1.83	0.85	1	7	1	60.40%	51.05%	0.11	1.54	13,539.99	0.02	0.03	0.93	38,849.20	28,253.96
		FY 2015	35.94	4.23	17	759	339	5.46%	4.64%	40.04	30.56	763.15	0.29	0.29	1.67	5,693.50	5,693.50
	MLO HUMO	FY 2016	27.64	4.19	20	605	255	13.23%	10.91%	32.56	22.81	700.46	0.61	0.80	3.02	4,945.91	3,761.85
		FY 2015	0.27	0.21	2	14	4			0.28	0.24	872.76					
	MLO Mehnatobod	FY 2016	0.70	0.56	2	41	11			0.97	0.62	640.45					
	OXUS - TJK	FY 2015	22.55	2.97	39	320	152	0.00%	0.00%	16.36	20.38	1,246.18	0.00	0.00	0.00		
		FY 2015	0.78	0.55	3	37	32			1.92	0.71	370.50					
	Rushdi Sugd	FY 2016	0.76	0.49	5	55	33			2.29	0.70	304.74					
		FY 2015	0.95	0.54	3	40	23			1.14	0.85	747.87					
	Sarvati Vahsh	FY 2016	0.76	0.49	5	55	33			2.29	0.70	304.74					

This section provides information for all the FSPs that have reported to MIX for FY 2015 and FY 2016. The blank values here means either the FSP has not submitted the data or the data is not applicable for them.

### Financial Service Providers (FSPs) Financial Indicators

Legal Status	Name	FY	Capital/assets (WAV)	Debt to equity (WAV)	Return on assets (WAV)	Return on equity (WAV)	Operational self sufficiency (WAV)	Financial revenue / assets (WAV)	Profit margin (WAV)	Yield on gross loan portfolio (WAV)	Total expense / assets (WAV)	Financial expense/assets (WAV)	Provision for loan impairment/ assets (WAV)	Operating expense/assets (WAV)	Personnel expense/assets (WAV)	Administrative expense/assets (WAV)
	AccessBank Tajikistan	FY 2015	11.01%	8.08	-6.23%	-43.87%	79.25%	22.82%	-26.18%	28.04%	28.79%	7.87%	6.95%	13.97%	7.44%	6.53%
	Accessbalik lajikistali	FY 2016	14.05%	6.12	-12.08%	-139.04%	61.17%	18.57%	-63.48%	28.40%	30.35%	8.61%	7.24%	14.50%	7.41%	7.09%
Donle	Donly Folibate	FY 2015	13.31%	6.51	1.31%	8.93%	107.85%	29.19%	7.28%	25.82%	27.06%	11.54%	3.92%	11.60%	7.60%	4.01%
Bank	Bank Eskhata	FY 2016	13.15%	6.61	1.26%	9.51%	107.71%	26.20%	7.16%	24.68%	24.33%	9.94%	3.89%	10.50%	6.44%	4.05%
	FMFB - TJK	FY 2015	7.87%	11.71	-1.81%	-17.25%	98.84%	19.86%	-1.18%	26.01%	20.10%	5.85%	4.09%	10.16%	5.42%	4.74%
	riviro - IJN	FY 2016	9.38%	9.66	-3.86%	-50.18%	81.34%	13.71%	-22.94%	25.42%	16.86%	5.47%	1.74%	9.64%	5.29%	4.36%
	Borshud	FY 2016	64.28%	0.56			43.12%		21.25%							
	Fayzi surhob	FY 2016	85.73%	0.17					2.87%							
	FINICA TIV	FY 2015	16.55%	5.04	-0.81%	-4.56%	97.90%	28.87%	-2.14%	34.29%	29.48%	9.06%	4.18%	16.24%	8.36%	7.88%
	FINCA - TJK	FY 2016	13.32%	6.51	-4.66%	-31.39%	87.28%	28.97%	-14.57%	36.95%	33.19%	12.08%	4.97%	16.14%	8.02%	8.12%
	F	FY 2015	33.01%	2.03	1.73%	6.34%	104.13%	58.13%	3.97%	41.07%	55.82%	31.06%	4.68%	20.09%	13.28%	6.81%
	Furuz	FY 2016	41.16%	1.43	-3.05%	-8.17%	94.07%	35.88%	-6.31%	43.75%	38.14%	13.50%	0.75%	23.89%	12.60%	11.28%
	Hamyori	FY 2016	62.43%	0.60					12.91%							
	Imkoniyat Hovar	FY 2015	66.85%	0.50												
	IMON INTERNATIONAL	FY 2015	14.85%	5.73	1.29%	8.43%	106.10%	28.59%	5.75%	31.01%	26.95%	8.61%	3.92%	14.43%	6.89%	7.54%
		FY 2016	16.30%	5.13	-0.97%	-6.46%	99.04%	25.31%	-0.97%	29.83%	25.56%	9.65%	3.30%	12.61%	5.87%	6.73%
	Madina va Hamkoron	FY 2015	58.05%	0.72												
	Matin	FY 2015	25.65%	2.90			132.13%		24.32%							
	Watiii	FY 2016	31.69%	2.16	1.83%	6.26%	108.18%	36.08%	7.56%	30.94%	33.35%	20.06%	3.35%	9.94%	4.82%	5.12%
NBFI	MCF MicroInvest	FY 2015	99.29%	0.01	0.72%	0.73%	134.35%	6.62%	25.57%	28.45%	4.93%	0.00%	0.42%	4.50%	2.90%	1.60%
INDFI	WCF WICIOIIVest	FY 2016	99.14%	0.01	7.61%	7.66%		13.80%	61.08%	28.78%	16.11%		0.31%	5.06%	3.17%	1.89%
	MDO Arvand	FY 2015	12.78%	6.83	1.82%	12.71%	111.40%	26.39%	10.23%	32.42%	23.69%	9.24%	3.05%	11.40%	7.25%	4.15%
	MDO Arvarid	FY 2016	15.74%	5.35	-0.14%	-1.00%	101.36%	26.95%	1.34%	32.52%	26.59%	11.01%	3.77%	11.81%	7.19%	4.62%
	MDO Hamrov	FY 2015	35.13%	1.85			132.59%		24.58%							
	MDO Hallilov	FY 2016	46.50%	1.15	7.87%	19.19%	165.93%	24.83%	39.74%	25.79%	14.96%	8.76%	3.07%	3.14%	1.14%	2.00%
	MLO HUMO	FY 2015	11.78%	7.49	-2.16%	-16.23%	94.79%	28.42%	-5.50%	35.05%	29.99%	10.21%	5.96%	13.81%	7.79%	6.02%
	MEO HOMO	FY 2016	15.15%	5.60	1.43%	10.50%	108.17%	29.06%	7.55%	36.20%	26.87%	10.21%	1.98%	14.68%	8.53%	6.15%
	MLO Mehnatobod	FY 2015	78.09%	0.28	4.31%	7.24%	119.34%	39.48%	16.21%	40.03%	33.08%	8.99%	5.09%	19.00%	10.10%	8.90%
	MILO MEINIGODOG	FY 2016	80.37%	0.24	1.02%	1.20%	109.17%	33.29%	8.40%	36.80%	30.49%	3.29%	5.43%	21.77%	16.35%	5.42%
	OXUS - TJK	FY 2015	13.19%	6.58	-1.25%	-8.41%	94.40%	27.65%	-5.94%	32.82%	29.29%	9.18%	4.20%	15.92%	8.01%	7.90%
	Duchdi Sund	FY 2015	70.24%	0.42					-1.53%							
	Rushdi Sugd	FY 2016	64.14%	0.56	0.46%	0.70%		22.20%	5.70%	23.70%	20.93%	0.05%		20.88%	17.00%	3.88%
		FY 2015	57.22%	0.75					1.80%							
	Sarvati Vahsh	FY 2016	64.14%	0.56	0.40%	0.74%		19.38%	5.70%	21.06%	18.28%	0.05%		18.23%	14.84%	3.39%

This section provides information for all the FSPs that have reported to MIX for FY 2015 and FY 2016. The blank values here means either the FSP has not submitted the data or the data is not applicable for them.

#### Financial Service Providers (FSPs) Productivity, Efficiency and Risk Indicators

Legal Status	Name	FY	Cost per borrower (USD) (WAV)	Borrowers per staff member (WAV)	Borrowers per loan officer (WAV)	Personnel allocation ratio (WAV)	Portfolio at risk > 30 days (WAV)	Portfolio at risk > 90 days (WAV)	Loan loss rate (WAV)	Write-off ratio (WAV)	Risk coverage (WAV)	Deposit accounts per staff member	Depositors per staff member (WAV)
	AccessBank Tajikistan	FY 2015	804.85	19.01	67.32	28.23%	25.61%	23.63%	9.64%	9.64%	33.10%	62.25	44.88
	riccesseami rajimstan	FY 2016	850.44	10.81	49.28	21.94%	46.25%	44.67%	7.74%	12.22%	46.72%	91.68	25.08
Bank	Bank Eskhata	FY 2015	448.40	20.32	85.46	23.78%	11.34%	9.50%	1.56%	1.88%	56.19%	63.70	38.37
Dalik	Dalik Eskilata	FY 2016	356.93	19.58	98.25	19.93%	17.98%	16.96%	1.40%	1.82%	61.40%	81.09	45.55
	FMFB - TJK	FY 2015	390.38	35.38	125.87	28.11%	13.20%	11.00%	2.30%	2.69%	54.49%	91.43	91.43
	FIVIED - IJK	FY 2016	362.89	34.17	125.76	27.17%	17.02%	16.13%	-0.18%	0.61%	69.91%	103.08	81.91
	Borshud	FY 2016		15.18	38.64	39.29%	25.60%	23.85%			5.47%		
	Fayzi surhob	FY 2016		32.00	48.00	66.67%	6.79%	3.42%			107.64%		
	FINICA TIL	FY 2015	188.54	66.33	174.27	38.06%	8.57%	6.33%	2.62%	2.76%	47.46%	16.69	9.86
	FINCA - TJK	FY 2016	156.58	80.90	384.28	21.05%	12.61%	10.41%	6.46%	7.44%	41.66%	36.06	21.65
	Furuz	FY 2015	211.51	36.33	96.18	37.78%	8.51%	6.46%	0.85%	1.21%	63.62%	0.00	0.00
		FY 2016	167.18	37.73	88.04	42.86%	5.45%	4.87%	1.75%	1.89%	77.68%		
	Hamyori	FY 2016		29.20	109.50	26.67%	5.02%	4.90%			97.99%		
	Imkoniyat Hovar	FY 2015		63.81	208.82	30.56%	4.65%						
	IMON INTERNATIONAL	FY 2015	219.43	55.06	142.51	38.63%	7.08%	5.47%	1.76%	1.83%	66.21%	3.65	2.84
		FY 2016	148.22	54.73	162.64	33.65%	10.75%	8.90%	2.78%	3.00%	65.53%	5.08	4.04
	Madina va Hamkoron	FY 2015		30.60	114.75	26.67%	2.46%						
	Matin	FY 2015		35.90	112.94	31.79%	4.64%	4.64%			109.34%	5.87	4.37
		FY 2016	170.88	28.83	102.60	28.10%	11.41%	11.37%	-1.05%	0.29%	99.82%	5.94	5.94
		FY 2015	214.69	55.33	110.67	50.00%	9.34%	8.13%	2.44%	2.44%	69.06%	0.00	0.00
NBFI	MCF MicroInvest	FY 2016	179.62	61.83	185.50	33.33%	8.94%	8.75%	-0.16%		74.35%		
		FY 2015	152.59	51.50	149.89	34.36%	5.30%	3.53%	0.87%	1.00%	84.17%	34.74	31.15
	MDO Arvand	FY 2016	118.00	55.31	161.85	34.17%	12.63%	11.48%	0.85%	0.95%	71.58%	47.54	41.26
		FY 2015		19.71	138.00	14.29%						1.14	5.43
	MDO Hamrov	FY 2016	476.37	16.29	114.00	14.29%	14.03%	12.49%	0.91%	0.91%	73.37%	4.71	3.43
		FY 2015	152.30	52.76	118.12	44.66%	9.60%	7.29%	1.99%	2.01%	79.98%	0.39	0.39
	MLO HUMO	FY 2016	127.44	53.82	127.69	42.15%	10.16%	9.34%	3.07%	3.07%	82.24%	1.33	1.01
		FY 2015	235.06	19.71	69.00	28.57%	16.37%	15.27%			44.64%		
	MLO Mehnatobod	FY 2016	178.61	23.66	88.18	26.83%	6.14%	6.14%			99.42%		
	OXUS - TJK	FY 2015	227.77	51.11	107.61	47.50%	6.09%	4.28%	1.81%	2.04%	67.05%	0.00	0.00
		FY 2015		51.84	59.94	86.49%	7.61%				50.83%		
	Rushdi Sugd	FY 2016	72.40	41.67	69.45	60.00%	12.43%	11.42%			28.04%		
		FY 2015		28.50	49.57	57.50%	7.13%	6.93%			100.36%		
	Sarvati Vahsh	FY 2016	115.21	41.67	69.45	60.00%	12.43%	11.42%	-0.45%		28.04%		

This section provides information for all the FSPs that have reported to MIX for FY 2015 and FY 2016. The blank values here means either the FSP has not submitted the data or the data is not applicable for them.

#### **Glossary**

Please refer to link [ https://www.themix.org/glossary ] to view the detailed glossary of MIX Market indicator and ratios.

#### Indicator names and its formulas:

Administrative expense / assets - Formula: (Administrative expense + Depreciation and amortization expense) / Average assets

Assets - Formula: Not applicable

Average assets - Formula: Mean value calculated on the basis of total assets between two consecutive periods, including monthly, quarterly and annual data if available.

Average deposit balance per account - Formula: Deposits/ Number of deposit accounts

Average deposit balance per depositor - Formula: Deposits/ Number of depositors

Average equity - Formula: Methodology of average calculation is same as explained for Average Assets.

Average gross loan portfolio: Methodology of average calculation is same as explained for Average Assets.

Average loan balance per borrower - Formula: Gross loan portfolio/ Number of active borrowers

 $oldsymbol{B}$  or rowers per loan officer - Formula: Number of active borrowers / Number of loan officers

Borrowers per staffmember - Formula: Number of active borrowers / Number of personnel

Capital/asset - Formula: Total capital/ Total asset

Cost per borrower - Formula: Operating expense/ Average number of active borrowers

Debt to equity ratio - Formula: Total Liabilities/ Total Equity

Deposit accounts per staff member - Formula: Number of deposit accounts / Number of personnel

Depositors per staff member - Formula: Number of depositors / Number of personnel

Deposits - Formula: Not applicable

Deposits to total assets - Formula: Total Deposits / Total Assets

Deposits to loans - Formula: Deposits / Gross Loan Portfolio

**E**quity - Formula: Not applicable

**F**inancial expense / assets - Formula: Financial expense on funding liabilities / Average assets

Financial revenue / assets - Formula: Financial revenue/ Average assets

Gross Loan Portfolio - Formula: Not applicable

Loan loss rate - Formula: Write-offs - Amount recovered from written-off loans) / Average gross loan portfolio

Loan officers - Formula: Not applicable

Loan portfolio disbursed - Formula: Not applicable

 ${f N}$ umber of active borrowers - Formula: Not applicable

Number of deposit accounts - Formula: Not applicable

Number of depositors - Formula: Not applicable Number of loans disbursed - Formula: Not applicable

Number of offices - Formula: Not applicable

Operating expense / loan portfolio - Formula: Operating expense / Average gross loan portfolio

Operating expense/ assets - Formula: Operating expense / Average assets

Operational self sufficiency - Formula: Financial revenue / (Financial expense on funding liabilities + Net Impairment Loss on gross loan portfolio + Operating expense)

**P**ersonnel - Formula: Not applicable

Personnel allocation ratio - Formula: Number of loan officers / Number of personnel

Personnel expense/ assets - Formula: Personnel expense / Average assets

Personnel expense/ loan portfolio - Formula: Personnel expense/ Average gross loan portfolio

 $Portfolio\ at\ risk > 30\ days\ (\%)\ -\ Formula: (Outstanding\ balance,\ portfolio\ overdue > 30\ days\ +\ Renegotiated\ loans)/\ Gross\ loan\ portfolio\ days\ +\ Renegotiated\ loan\ portfolio\ port$ 

Portfolio at risk > 90 days (%) - Formula: (Outstanding balance, portfolio overdue > 90 days + Renegotiated loans) / Gross Loan Portfolio

Profit margin - Formula: Net operating income/ Financial revenue

 $Provision \ for \ loan \ impairment/\ assets - Formula: \ Net \ impairment\ loss \ on \ gross \ loan \ portfolio \ / \ Average \ assets$ 

Return on assets - Formula: (Net operating income, less Taxes)/ Average assets

Return on equity - Formula: (Net operating income, less Taxes)/ Average equity

Risk coverage - Formula: Impairment loss allowance/ PAR > 30 days

Total expense / assets - Formula: (Financial expense on funding liabilities + Impairment loss (reversal of impairment loss on gross loan portfolio) + Operating expense) / Average assets

**W**rite-off ratio - Formula: Value of loans written-off / Average gross loan portfolio

 $\mathbf{Y}$ ield on gross portfolio (nominal) - Formula: Financial revenue from loans/ Average gross loan portfolio

