THE FUTURE OF BANK CONSOLIDATION

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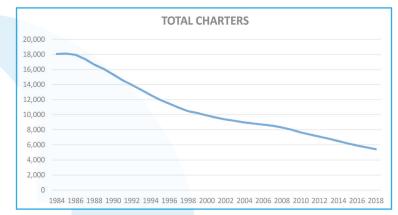
WHAT IT MEANS FOR THE MIDWEST MARKET

There have been 2,204 bank mergers over the past 10 years which does not include the 503 banks that failed during the same period. Combined, the total number of banks that have disappeared in the past 10 years is 2,707 which averages 270 per year. Source: S&P Global Global Marketing Intelligence

During this time period 34 de novo banks have opened, but 20 of those were in 2009. While the FDIC has stated that they are open for business, new de novo applications are still just a handful and not expected to get anywhere near the level of activity of the early 2000s.

Industry experts expect that this trend will continue and, on average, approximately 5% of the bank charters will continue to be consolidated each year. With the level of de novos expected to be low it is inevitable that the number of banks will continue to decrease.

Consolidation is not new. The FDIC reported that as of December 31, 1984, there were 18,062 commercial bank and savings institution charters. At the end of 2018, it was 5,415. This is a drop of over 12,500 charters in 35 years. An overall average loss of 362 per year.



THE MIDWEST WHEN COMPARED TO OTHER STATES

You are probably aware that many of the Midwest states have more charters than most other states. The table to the right shows what we would consider to be Midwest states and the number of bank charters in those states. All charter totals are as of year-end 2018 and information is provided by the FDIC.

	# of Charters	
State	2018	
Arkansas	93	
Illinois	436	
Iowa	286	
Kansas	235	
Minnesota	293	
Missouri	256	
Nebraska	169	
North Dakota	75	
Oklahoma	201	
South Dakota	62	
Wisconsin	201	
	2,307	

On December 31, 2018, the FDIC reported a total of 5,415 insured institutions. That means that the Midwest states above account for just over 42% of the total banks in the United States.

If you are curious – the ten (10) states with the least amount of charters:

State	# of Charters	
Alaska	5	
Hawaii	8	
Rhode Island	8	
Vermont	11	
Idaho	13	
Arizona	15	
New Hampshire	17	
Oregon	17	
Nevada	19	
Delaware	22	

While the low number of charters in these states jumps out, with the exception of Arizona, Oregon and Nevada, these states also are some of the least populated states, so the low number of charters is not too surprising.

We won't list every state, but below is a chart with the ten (10) largest states listed by population in the United States, excluding Illinois which we have included as part of the Midwest numbers above.

State	# of Charters		
California	155		
Texas	438		
Florida	116		
New York	144		
Pennsylvania	149		
Ohio	182		
Georgia	168		
North Carolina	47		
Michigan	93		
New Jersey	75		

One of the first things that we notice is that almost all of the Midwest states have more charters than California, the most populated state. For example, Kansas has 80 more charters than California. Missouri has 101 more charters.

Drilling down in the numbers a little further, looking at a smaller sample size of the Midwest states and the largest states by population, we can see the number of charters is not the only difference between the Midwest and other states.

Quick sidebar – the United States banking market is fundamentally different than many other countries which, on average, have fewer but larger banks. As of March 31, 2019, the United States only had 12 of the largest 100 banks in the world. China leads the list at 19, including the top four. The EU has a total of 32 spread among 10 countries.

Since the Great Recession there has been a lot of talk of "Too Big To Fail" in the United States, but the US only has two of the 10 largest banks in the world. The anticipated merger of BB&T and SunTrust will place the combined bank at only the 62nd largest bank in the world.

We anticipate that the largest banks in the United States will continue to pursue asset growth to remain competitive in the world's banking environment. Since that likely will not occur by acquisition, we expect these large banks to use technology as well as de novo branches into new markets. This is evidenced by JPMorgan Chase and PNC branching into the Kansas City metro market.

NUMBER OF CHARTERS BY POPULATION

Comparing the number of charters to the populations in these states shows the huge disparity between of many of the Midwest states. *Population totals are estimates as of July 1, 2018 and provided by the United States Census Bureau.*

	# of Charters	July 1, 2018	Persons /	
State	2018	Est. Population	Charter	
Select Midwest	States:			
lowa	286	3,156,145	11,035	
Kansas	235	2,911,505	12,389	
Minnesota	293	5,611,179	19,151	
Missouri	ouri 256 6,126,452		23,931	
Nebraska	oraska 169 1,929,268		11,416	
Oklahoma	201	3,943,079	19,617	
		Average:	16,257	
		Median:	15,770	
Select Large Pop	oulation States:			
Arizona	15	7,171,646	478,110	
California	155	39,557,045	255,207	
Florida	116	21,299,325	183,615	
New York	144	19,542,209	135,710	
North Carolina	47	10,519,475	223,819	
Texas	438	28,701,845	65 <i>,</i> 529	
		Average:	223,665	
		Median:	203,717	

We could continue to break this down in further detail, but you get the idea - the Midwest has a lot more charters in both total numbers and based on the states' population.

WHAT DOES THIS MEAN FOR THE MIDWEST BANKING MARKET?

As the tables show, due to its large number of charters, we expect the Midwest to see a disproportionate amount of the industry consolidation. Using the anticipated 5% consolidation average the chart below shows what could happen in the next 5 and 10 years in the Midwest.

	# of Charters			Projected #
State	2018	2023	2028	Banks Lost
Arkansas	93	72	56	37
Illinois	436	337	261	175
Iowa	286	221	171	115
Kansas	235	182	141	94
Minnesota	293	227	175	118
Missouri	256	198	153	103
Nebraska	169	131	101	68
North Dakota	75	58	45	30
Oklahoma	201	156	120	81
South Dakota	62	48	37	25
Wisconsin	201	156	120	81
Total Midwest	2,307	1,785	1,381	926

We don't believe that this level of mergers is good for Midwest communities, but we do believe that significant consolidation will continue to occur and its impact on the Midwest will change the banking landscape. So whether we like it or not, we believe that you should be aware of it as you develop and execute on your strategic plan moving forward.

As always, the only thing that we are advocating is that you think strategically and have a plan. We believe, particularly as the banking industry is changing, that your strategic thinking should go beyond your bank, shareholders and community and include those items along with the industry as a whole.

If you have any questions or comments, please feel free to give us a call. We would be happy to discuss any of these issues with you.

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