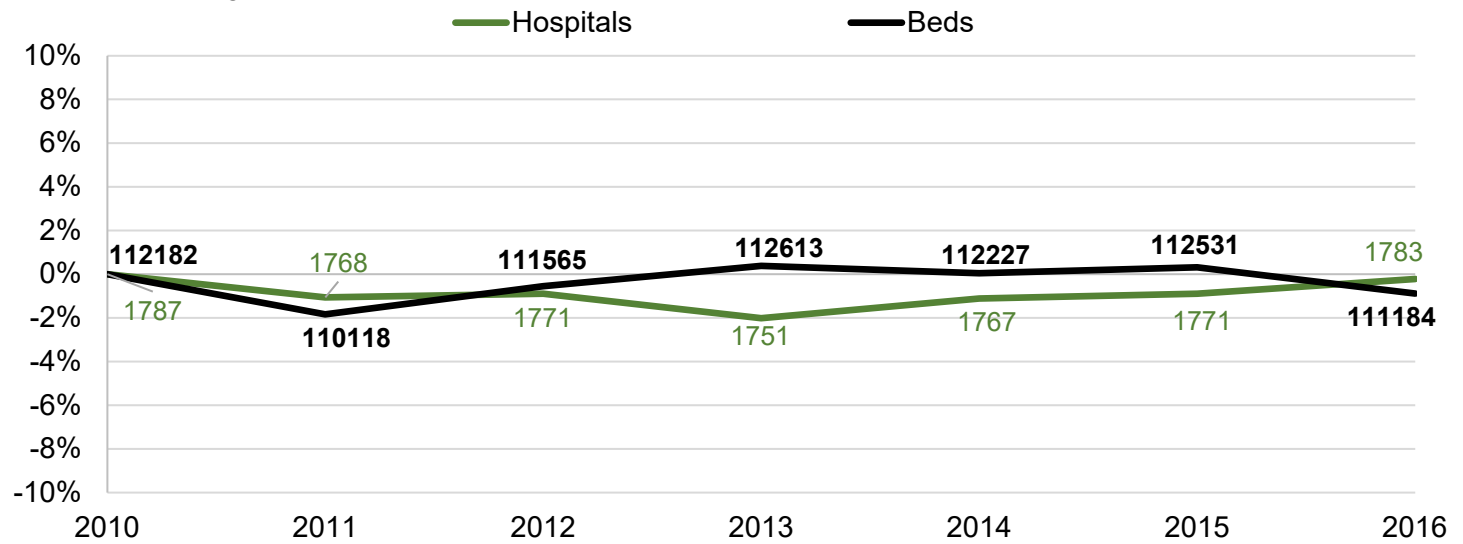


Supplemental Material A

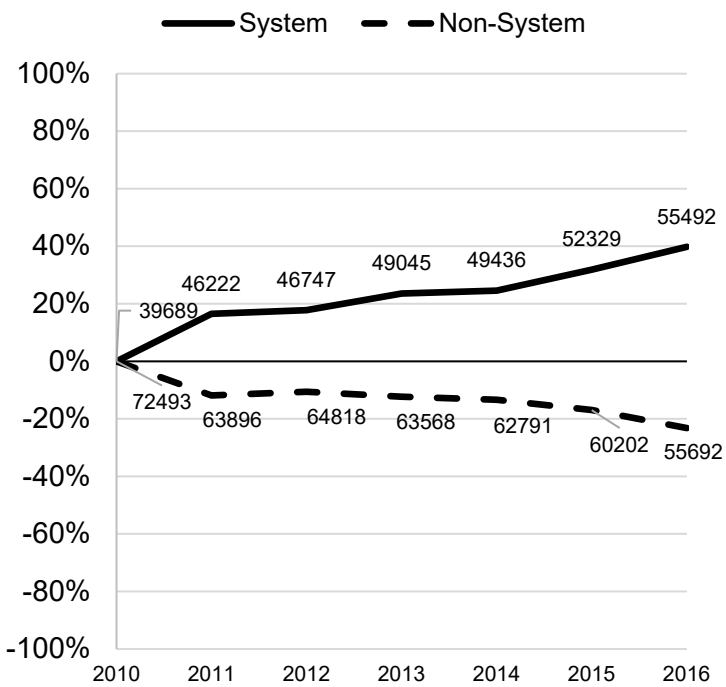
<b>Output for A. Percent Change Relative to 2010, Hospital Counts, Bed Counts</b>								
<b>Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Change 2010-2016</b>
Total hospitals (N)	1787	1,768	1,771	1,751	1,767	1,771	1,783	-4
Total beds (N)	112,182	110,118	111,565	112,613	112,227	112,531	111,184	-998
PERCENT Change in hospitals relative to 2010	0.0%	-1.1%	-0.9%	-2.0%	-1.1%	-0.9%	-0.2%	
PERCENT Change in beds relative to 2010	0.0%	-1.8%	-0.5%	0.4%	0.0%	0.3%	-0.9%	
<b>Output for B. Percent Change in Beds by System Ownership</b>								
<b>Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Change 2010-2016</b>
System-Owned Beds (N)	39,689	46,222	46,747	49,045	49,436	52,329	55,492	15803
Non-System Beds (N)	72,493	63,896	64,818	63,568	62,791	60,202	55,692	-16801
Percent Change in System-Owned Beds Relative to 2010	0.0%	16.5%	17.8%	23.6%	24.6%	31.8%	39.8%	
Percent Change in Non-System Beds Relative to 2010	0.0%	-11.9%	-10.6%	-12.3%	-13.4%	-17.0%	-23.2%	
<b>Output for C. Percent Change in Beds by Profit Status</b>								
<b>Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Change 2010-2016</b>
For Profit Beds (N)	15,059	17,994	19,155	19,825	21,369	22,518	23,631	8572
Not For Profit Beds (N)	36,032	34,035	33,736	34,301	33,964	33,906	34,098	-1934
Public Beds (N)	47,850	45,081	45,748	45,654	44,031	43,516	42,719	-5131
Percent Change in For Profit Beds Relative to 2010	0.0%	19.5%	27.2%	31.6%	41.9%	49.5%	56.9%	
Percent Change in Not For Profit Beds Relative to 2010	0.0%	-5.5%	-6.4%	-4.8%	-5.7%	-5.9%	-5.4%	
Percent Change in Public Beds Relative to 2010	0.0%	-5.8%	-4.4%	-4.6%	-8.0%	-9.1%	-10.7%	

## Hospitals and Beds Providing Inpatient Psychiatry, 2010-2016

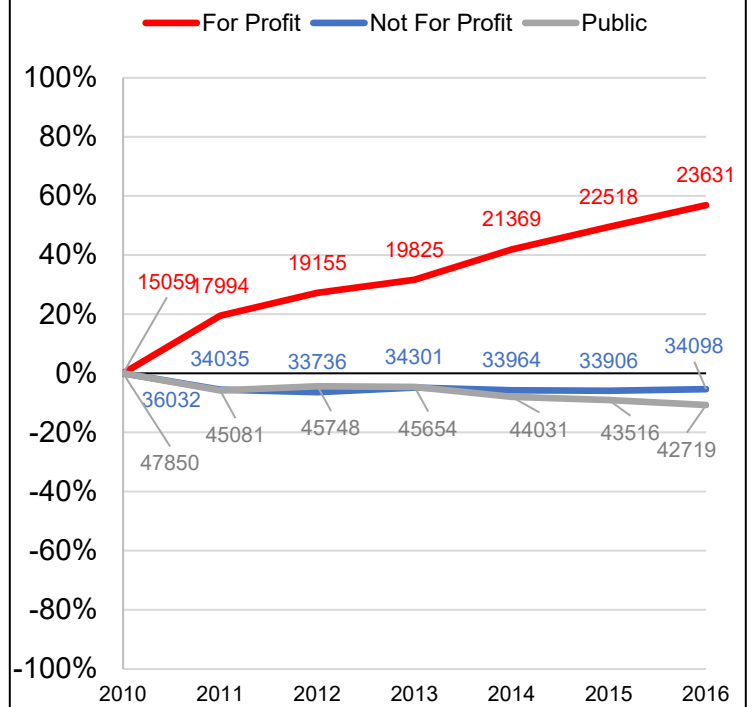
A. Percent Change Relative to 2010, Hospital Counts, Bed Counts



B. Percent Change in Beds by System Ownership



C. Percent Change in Beds by Profit Status



## Supplemental Material B

### Chain Ownership Stratified by Systems and Profit Status, 2010-2016

	For Profit			Not For Profit			Public			ROW TOTALS	
	N	Column percent	Row percent	N	Column percent	Row percent	N	Column percent	Row percent	N	Column percent
<b>Year 2010</b>											
<b>Overall</b>											
Facilities	282	100.0%	16.8%	968	100.0%	57.6%	430	100.0%	25.6%	1,680	100.0%
Beds	15,059	100.0%	15.2%	36,032	100.0%	36.4%	47,850	100.0%	48.4%	98,941	100.0%
<b>System-Owned</b>											
Facilities	181	64.2%	20.9%	560	57.9%	64.6%	126	29.3%	14.5%	867	51.6%
Beds	10,660	70.8%	27.0%	21,258	59.0%	53.9%	7,555	15.8%	19.1%	39,473	39.9%
<b>Chains</b>											
Facilities	159	56.4%	45.8%	64	6.6%	18.4%	124	28.8%	35.7%	347	20.7%
Beds	10,725	71.2%	28.6%	3,534	9.8%	9.4%	23,206	48.5%	61.9%	37,465	37.9%
<b>Chain and System</b>											
Facilities	133	47.2%	63.3%	49	5.1%	23.3%	28	6.5%	13.3%	210	12.5%
Beds	9,346	62.1%	63.3%	2,857	7.9%	19.4%	2,560	5.4%	17.3%	14,763	14.9%
<b>Year 2016</b>											
<b>Overall</b>											
Facilities	384	100.0%	22.7%	932	100.0%	55.1%	374	100.0%	22.1%	1,690	100.0%
Beds	23,631	100.0%	23.5%	34,098	100.0%	33.9%	42,719	100.0%	42.5%	100,448	100.0%
<b>System-Owned</b>											
Facilities	228	59.4%	19.5%	772	82.8%	66.2%	167	44.7%	14.3%	1,167	69.1%
Beds	14,495	61.3%	26.2%	27,659	81.1%	49.9%	13,272	31.1%	23.9%	55,426	55.2%
<b>Chains</b>											
Facilities	225	58.6%	56.3%	61	6.5%	15.3%	114	30.5%	28.5%	400	23.7%
Beds	16,587	70.2%	37.9%	3,803	11.2%	8.7%	23,331	54.6%	53.4%	43,721	43.5%
<b>Chain and System</b>											
Facilities	146	38.0%	60.8%	50	5.4%	20.8%	44	11.8%	18.3%	240	14.2%
Beds	11,833	50.1%	51.7%	3,133	9.2%	13.7%	7,907	18.5%	34.6%	22,873	22.8%
<b>Percent Change 2010-2016</b>											
<b>Overall</b>											
Facilities	36.2%	0.0%	35.4%	-3.7%	0.0%	-4.3%	-13.0%	0.0%	-13.5%	0.6%	
Beds	56.9%	0.0%	54.6%	-5.4%	0.0%	-6.8%	-10.7%	0.0%	-12.1%	1.5%	
<b>System-Owned</b>											
Facilities	26.0%	-7.5%	-6.4%	37.9%	43.2%	2.4%	32.5%	52.4%	-1.5%	34.6%	
Beds	36.0%	-13.3%	-3.2%	30.1%	37.5%	-7.3%	75.7%	96.8%	25.1%	40.4%	
<b>Chains</b>											
Facilities	41.5%	3.9%	22.8%	-4.7%	-1.0%	-17.3%	-8.1%	5.7%	-20.2%	15.3%	
Beds	54.7%	-1.4%	32.5%	7.6%	13.7%	-7.8%	0.5%	12.6%	-13.8%	16.7%	
<b>Chain and System</b>											
Facilities	9.8%	-19.4%	-3.9%	2.0%	6.0%	-10.7%	57.1%	80.7%	37.5%	14.3%	
Beds	26.6%	-19.3%	-18.3%	9.7%	15.9%	-29.2%	208.9%	246.0%	99.4%	54.9%	

Notes:

Data come from the Health Systems and Provider Database, developed by the National Bureau of Economic Research. The row totals columns do not match exactly the overall counts of psychiatric facilities and beds reported in the paper because ownership information was missing for 107 facilities in 2010 and 93 facilities in 2016.

## Supplemental Material C

	Overall						System-Owned						Freestanding					
	2010		2016		% change hospitals	% change beds	2010		2016		% change hospitals	% change beds	2010		2016		% change hospitals	% change beds
	Hospitals	Beds	Hospitals	Beds			Hospitals	Beds	Hospitals	Beds			Hospitals	Beds	Hospitals	Beds		
<b>Overall</b>	1,787	112,182	1,783	111,184	-0.2%	-0.9%	876	39,689	1,172	55,492	33.8%	39.8%	553	71,755	596	72,440	7.8%	1.0%
<b>Forensic patients</b>	134	23,944	160	26,614	19.4%	11.2%	36	3,401	69	6,227	91.7%	83.1%	88	20,552	100	22,537	13.6%	9.7%
<b>Outpatient psychiatric care<sup>a</sup></b>	675	40,161	880	50,237	30.4%	25.1%	437	23,699	632	32,389	44.6%	36.7%	218	22,118	274	27,673	25.7%	25.1%
<b>SUD treatment<sup>a</sup></b>	853	56756	875	57249	2.6%	0.9%	543	28133	581	29908	7.0%	6.3%	278	34880	328	36762	18.0%	5.4%
<b>Rural</b>	106	4138	96	3957	-9.4%	-4.4%	27	528	41	868	51.9%	64.4%	30	2804	27	2568	-10.0%	-8.4%
<b>Region</b>																		
Midwest	437	21558	448	22410	2.5%	4.0%	226	8396	294	10339	30.1%	23.1%	111	11948	128	12783	15.3%	7.0%
Northeast	418	28487	398	25746	-4.8%	-9.6%	198	10273	298	17783	50.5%	73.1%	108	16852	97	14532	-10.2%	-13.8%
South	661	42344	672	42379	1.7%	0.1%	307	14580	399	19130	30.0%	31.2%	243	29181	273	30088	12.3%	3.1%
West	271	19793	265	20649	-2.2%	4.3%	145	6440	181	8240	24.8%	28.0%	91	13774	98	15037	7.7%	9.2%
<b>Size</b>																		
<10 beds	108	961	91	734	-15.7%	-23.6%	45	374	64	483	42.2%	29.1%	5	41	1	10	-80.0%	-75.6%
11-20 beds	442	7253	425	6928	-3.8%	-4.5%	203	3359	294	4801	44.8%	42.9%	59	967	55	908	-6.8%	-6.1%
21-30 beds	318	8084	289	7330	-9.1%	-9.3%	174	4432	225	5678	29.3%	28.1%	41	1091	34	876	-17.1%	-19.7%
31-50 beds	298	11846	295	11692	-1.0%	-1.3%	171	6731	208	8144	21.6%	21.0%	46	1936	65	2708	41.3%	39.9%
>50 beds	561	84038	594	84500	5.9%	0.5%	248	24793	317	36386	27.8%	46.8%	369	67720	401	67938	8.7%	0.3%
<b>Has an emergency department</b>	633	24529	1,196	44951	88.9%	83.3%	369	15238	980	36599	165.6%	140.2%	39	3074	64	7898	64.1%	156.9%

Notes:  
<sup>a</sup>This variable was not available for 2010. Therefore, for this variable, the numbers displayed under the 2010 column reflect the year 2011.