

Appendix A: Construction Expenditures by State (Hard Costs Only)

Appendix A-1
Value of Construction in Rank Order (**Office**), 2013
(Hard Costs Only)

STATE	Direct Spending (In Billions of Dollars)	STATE	Direct Spending (In Billions of Dollars)
1 Texas	2.649	31 Wisconsin	0.126
2 New York	2.586	32 South Carolina	0.106
3 California	2.427	33 Kentucky	0.104
4 Maryland	1.481	34 Nevada	0.094
5 Iowa	0.856	35 Rhode Island	0.080
6 Massachusetts	0.792	36 New Mexico	0.065
7 New Jersey	0.738	37 Alaska	0.059
8 Washington	0.693	38 Minnesota	0.052
9 Virginia	0.669	39 Maine	0.049
10 Arizona	0.499	40 Arkansas	0.047
TOP 10 STATES TOTAL	13.389	NEXT 10 STATES TOTAL (31-40)	0.780
11 District of Columbia	0.466	41 New Hampshire	0.042
12 Colorado	0.452	42 South Dakota	0.037
13 Illinois	0.447	43 Hawaii	0.036
14 Florida	0.446	44 North Dakota	0.035
15 North Carolina	0.400	45 Vermont	0.028
16 Pennsylvania	0.385	46 Mississippi	0.027
17 Tennessee	0.381	47 Wyoming	0.027
18 Nebraska	0.362	48 Idaho	0.026
19 Georgia	0.294	49 Delaware	0.022
20 Oregon	0.273	50 West Virginia	0.010
NEXT 10 STATES TOTAL (11-20)	3.907	51 Montana	0.009
21 Michigan	0.270	NEXT 11 STATES TOTAL (41-51)	0.281
22 Ohio	0.255	U.S. Total	20.337
23 Louisiana	0.236		
24 Utah	0.218		
25 Indiana	0.188		
26 Alabama	0.175		
27 Oklahoma	0.172		
28 Kansas	0.152		
29 Missouri	0.151		
30 Connecticut	0.147		
NEXT 10 STATES TOTAL (21-30)	1.963		

Source: CRA, McGraw-Hill Construction, BEA and NAIOP

Note: Appendices include data for the District of Columbia, resulting in 51 states.

Appendix A-2
Value of Construction in Rank Order (**Industrial**), 2013
(Hard Costs Only)

STATE	Direct Spending (In Billions of Dollars)	STATE	Direct Spending (In Billions of Dollars)
1 Louisiana	4.859	31 Virginia	0.059
2 Iowa	2.048	32 Washington	0.059
3 West Virginia	1.680	33 Maryland	0.054
4 Oregon	1.001	34 Tennessee	0.050
5 Georgia	0.991	35 Nebraska	0.044
6 New York	0.698	36 Vermont	0.037
7 Kansas	0.603	37 Oklahoma	0.028
8 Pennsylvania	0.484	38 Hawaii	0.023
9 Alabama	0.459	39 Wyoming	0.020
10 Indiana	0.450	40 New Hampshire	0.019
TOP 10 STATES TOTAL	13.274	NEXT 10 STATES TOTAL (31-40)	0.393
11 North Dakota	0.443	41 Arizona	0.014
12 Texas	0.441	42 Arkansas	0.012
13 North Carolina	0.328	43 Idaho	0.006
14 Ohio	0.312	44 Rhode Island	0.002
15 South Carolina	0.227	45 New Mexico	0.002
16 Illinois	0.214	46 South Dakota	0.002
17 Minnesota	0.205	47 Delaware	0.001
18 Wisconsin	0.204	48 Maine	0.000
19 Utah	0.183	49 Alaska	0.000
20 Mississippi	0.160	50 District of Columbia	0.000
NEXT 10 STATES TOTAL (11-20)	2.716	51 Montana	0.000
21 Michigan	0.159	NEXT 11 STATES TOTAL (41-51)	0.039
22 Florida	0.144	U.S. Total	17.568
23 Massachusetts	0.122		
24 Colorado	0.121		
25 Kentucky	0.120		
26 California	0.118		
27 Missouri	0.111		
28 Connecticut	0.108		
29 New Jersey	0.073		
30 Nevada	0.071		
NEXT 10 STATES TOTAL (21-30)	1.146		

Source: CRA, McGraw-Hill Construction, BEA and NAIOP

Note: Appendices include data for the District of Columbia, resulting in 51 states.

Appendix A-3
Value of Construction in Rank Order (**Warehouse**), 2013
(Hard Costs Only)

STATE	Direct Spending (In Billions of Dollars)	STATE	Direct Spending (In Billions of Dollars)
1 Texas	1.139	31 Alabama	0.042
2 California	0.700	32 Iowa	0.040
3 New Jersey	0.427	33 North Carolina	0.039
4 Florida	0.424	34 Montana	0.038
5 Pennsylvania	0.423	35 Oklahoma	0.034
6 Indiana	0.419	36 North Dakota	0.024
7 Ohio	0.413	37 West Virginia	0.023
8 Arizona	0.343	38 New Mexico	0.017
9 Tennessee	0.318	39 Maine	0.015
10 Illinois	0.298	40 South Dakota	0.013
TOP 10 STATES TOTAL	4.903	NEXT 10 STATES TOTAL (31-40)	0.283
11 Washington	0.248	41 Arkansas	0.013
12 New York	0.243	42 Nebraska	0.011
13 Wisconsin	0.215	43 Alaska	0.009
14 Georgia	0.200	44 Vermont	0.007
15 Maryland	0.168	45 Idaho	0.006
16 Kansas	0.153	46 New Hampshire	0.006
17 Colorado	0.145	47 Wyoming	0.004
18 South Carolina	0.141	48 Hawaii	0.002
19 Missouri	0.131	49 District of Columbia	0.001
20 Mississippi	0.129	50 Rhode Island	0.000
NEXT 10 STATES TOTAL (11-20)	1.773	51 Delaware	0.000
21 Connecticut	0.116	NEXT 11 STATES TOTAL (41-51)	0.059
22 Oregon	0.114	U.S. Total	7.869
23 Michigan	0.107		
24 Minnesota	0.090		
25 Kentucky	0.089		
26 Louisiana	0.087		
27 Utah	0.073		
28 Virginia	0.064		
29 Nevada	0.058		
30 Massachusetts	0.055		
NEXT 10 STATES TOTAL (21-30)	0.851		

Source: CRA, McGraw-Hill Construction, BEA and NAIOP

Note: Appendices include data for the District of Columbia, resulting in 51 states.

Appendix A-4

Value of Construction in Rank Order **(Retail and Entertainment)**, 2013 (Hard Costs Only)

STATE	Direct Spending (In Billions of Dollars)	STATE	Direct Spending (In Billions of Dollars)
1 Texas	1.563	31 Hawaii	0.201
2 New York	1.283	32 Iowa	0.171
3 Florida	1.282	33 Nevada	0.165
4 California	1.103	34 Nebraska	0.144
5 Illinois	0.628	35 Utah	0.143
6 Georgia	0.522	36 Mississippi	0.142
7 Massachusetts	0.496	37 North Dakota	0.105
8 Ohio	0.489	38 Arkansas	0.099
9 North Carolina	0.483	39 New Hampshire	0.086
10 Virginia	0.422	40 South Dakota	0.084
TOP 10 STATES TOTAL	8.270	NEXT 10 STATES TOTAL (31-40)	1.340
11 Tennessee	0.400	41 New Mexico	0.075
12 Louisiana	0.359	42 Alaska	0.075
13 Maryland	0.354	43 Delaware	0.075
14 Kansas	0.322	44 District of Columbia	0.062
15 New Jersey	0.319	45 Idaho	0.056
16 Washington	0.317	46 Vermont	0.039
17 Michigan	0.312	47 Rhode Island	0.034
18 Indiana	0.309	48 Montana	0.031
19 Colorado	0.302	49 Maine	0.031
20 Pennsylvania	0.288	50 West Virginia	0.028
NEXT 10 STATES TOTAL (11-20)	3.282	51 Wyoming	0.028
21 Missouri	0.286	NEXT 11 STATES TOTAL (41-51)	0.534
22 Arizona	0.274	U.S. Total	15.877
23 Connecticut	0.266		
24 Minnesota	0.260		
25 South Carolina	0.243		
26 Kentucky	0.238		
27 Wisconsin	0.234		
28 Alabama	0.222		
29 Oregon	0.217		
30 Oklahoma	0.212		
NEXT 10 STATES TOTAL (21-30)	2.452		

Source: CRA, McGraw-Hill Construction, BEA and NAIOP

Note: Appendices include data for the District of Columbia, resulting in 51 states.

Appendix A-5
Value of Construction in Rank Order (in Four Categories), 2013
(Hard Costs Only)

STATE		Direct Spending (In Billions of Dollars)	STATE		Direct Spending (In Billions of Dollars)	
1	Texas	5.7919	31	North Dakota	0.6072	
2	Louisiana	5.5406	32	Minnesota	0.6059	
3	New York	4.8098	33	Nebraska	0.5608	
4	California	4.3490	34	Kentucky	0.5500	
5	Iowa	3.1143	35	District of Columbia	0.5291	
6	Florida	2.2954	36	Mississippi	0.4585	
7	Maryland	2.0566	37	Oklahoma	0.4453	
8	Georgia	2.0062	38	Nevada	0.3873	
9	West Virginia	1.7413	39	Hawaii	0.2617	
10	Oregon	1.6058	40	Arkansas	0.1702	
TOP 10 STATES TOTAL		33.311	NEXT 10 STATES TOTAL (31-40)		4.576	
11	Illinois	1.5864	41	New Mexico	0.1582	
12	Pennsylvania	1.5792	42	New Hampshire	0.1526	
13	New Jersey	1.5570	43	Alaska	0.1430	
14	Ohio	1.4688	44	South Dakota	0.1349	
15	Massachusetts	1.4638	45	Rhode Island	0.1168	
16	Indiana	1.3666	46	Vermont	0.1109	
17	Washington	1.3169	47	Delaware	0.0982	
18	North Carolina	1.2502	48	Maine	0.0941	
19	Kansas	1.2298	49	Idaho	0.0941	
20	Virginia	1.2134	50	Wyoming	0.0788	
NEXT 10 STATES TOTAL (11-20)		14.032	51	Montana	0.0778	
21	Tennessee	1.1493	NEXT 11 STATES TOTAL (41-51)		1.259	
22	Arizona	1.1288	U.S. Total			61.6512
23	Colorado	1.0198				
24	Alabama	0.8977				
25	Michigan	0.8491				
26	Wisconsin	0.7792				
27	South Carolina	0.7167				
28	Missouri	0.6792				
29	Connecticut	0.6365				
30	Utah	0.6165				
NEXT 10 STATES TOTAL (21-30)		8.473				

Source: CRA, McGraw-Hill Construction, BEA and NAIOP

Note: Appendices include data for the District of Columbia, resulting in 51 states.

Appendix A-6

Top 10 States by Construction Value (in Four Categories), 2013
(Hard Costs Only in Billions of Dollars)

Groupings of States	OFFICE		INDUSTRIAL		WAREHOUSE		RETAIL		TOTAL	
	Value	%	Value	%	Value	%	Value	%	Value	%
Top 10 States	\$13.4	65.9	\$13.3	75.6	\$4.9	62.3	\$8.3	52.1	\$33.3	54.0
States 11-20	\$3.9	19.2	\$2.7	15.5	\$1.8	22.5	\$3.3	20.7	\$14.0	22.8
States 21-30	\$2.0	9.7	\$1.1	6.5	\$0.9	10.8	\$2.5	15.4	\$8.5	13.7
States 31-40	\$0.8	3.8	\$0.4	2.2	\$0.3	3.6	\$1.3	8.4	\$4.6	7.4
States 41-51	\$0.3	1.4	\$0.0	0.2	\$0.1	0.8	\$0.5	3.4	\$1.3	2.0
Total	\$20.3	100.0	\$17.6	100.0	\$7.9	100.0	\$15.9	100.0	\$61.7	100.0

Note: Appendices include data for the District of Columbia, resulting in 51 states.

Appendix A-7

New Personal Income Generated by Construction Outlays by State in Rank Order (in Four Categories), 2013

STATE	Personal Earnings (In Billions of Dollars)	STATE	Personal Earnings (In Billions of Dollars)
1 Texas	4.826	31 Connecticut	0.418
2 Louisiana	3.945	32 Kentucky	0.366
3 California	3.417	33 North Dakota	0.342
4 New York	2.983	34 Nebraska	0.326
5 Iowa	1.886	35 Oklahoma	0.323
6 Florida	1.707	36 Mississippi	0.303
7 Georgia	1.529	37 Nevada	0.258
8 Maryland	1.318	38 Hawaii	0.179
9 Illinois	1.231	39 Arkansas	0.109
10 Pennsylvania	1.216	40 New Mexico	0.104
TOP 10 STATES TOTAL	24.059	NEXT 10 STATES TOTAL (31-40)	2.728
11 Ohio	1.126	41 New Hampshire	0.102
12 New Jersey	1.099	42 Alaska	0.090
13 Oregon	1.098	43 South Dakota	0.079
14 West Virginia	1.044	44 Vermont	0.070
15 Massachusetts	0.993	45 Rhode Island	0.070
16 Indiana	0.970	46 Maine	0.066
17 Washington	0.965	47 Idaho	0.060
18 North Carolina	0.920	48 Delaware	0.053
19 Tennessee	0.839	49 Montana	0.051
20 Arizona	0.834	50 District of Columbia	0.048
NEXT 10 STATES TOTAL (11-20)	9.889	51 Wyoming	0.046
21 Virginia	0.804	NEXT 11 STATES TOTAL (41-51)	0.736
22 Colorado	0.798	State Totals	43.508
23 Kansas	0.730	Interstate Spillovers	16.700
24 Alabama	0.652	U.S. Total	60.209
25 Michigan	0.641		
26 Wisconsin	0.556		
27 South Carolina	0.522		
28 Utah	0.489		
29 Missouri	0.470		
30 Minnesota	0.436		
NEXT 10 STATES TOTAL (21-30)	6.097		

Source: CRA, McGraw-Hill Construction, BEA and NAIOP

Note: Appendices include data for the District of Columbia, resulting in 51 states.