

Appendix C: Hard Costs Impacts by State

Appendix C-1

Impacts of Construction (**Hard Costs**) on State Economies (**Office**), 2018

State	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	4.300	1.407	33,621
Alaska	0.092	0.033	628
Arizona	1.598	0.535	12,510
Arkansas	0.531	0.171	4,004
California	5.424	1.799	34,405
Colorado	1.528	0.510	11,072
Connecticut	0.164	0.053	978
Delaware	0.035	0.010	199
District of Columbia	0.517	0.033	565
Florida	2.301	0.773	18,576
Georgia	2.872	0.939	22,237
Hawaii	0.157	0.054	1,091
Idaho	0.532	0.178	4,290
Illinois	4.143	1.305	25,246
Indiana	0.794	0.250	5,481
Iowa	0.967	0.313	6,984
Kansas	0.592	0.175	3,980
Kentucky	0.813	0.250	5,841
Louisiana	0.383	0.130	2,801
Maine	0.124	0.042	999
Maryland	1.581	0.490	9,849
Massachusetts	2.887	0.916	17,357
Michigan	0.774	0.256	5,660
Minnesota	0.625	0.200	3,993
Mississippi	0.132	0.043	1,019
Missouri	0.976	0.298	6,854
Montana	0.095	0.032	769
Nebraska	2.296	0.750	16,654
Nevada	0.328	0.109	2,468
New Hampshire	0.068	0.021	410
New Jersey	0.380	0.117	2,228
New Mexico	0.927	0.314	7,495
New York	13.117	4.087	76,864
North Carolina	2.681	0.863	20,196
North Dakota	0.124	0.039	760
Ohio	2.519	0.796	17,424
Oklahoma	2.016	0.671	14,712
Oregon	1.196	0.377	8,241
Pennsylvania	1.906	0.593	11,878
Rhode Island	0.026	0.008	154
South Carolina	1.060	0.340	8,175
South Dakota	0.194	0.064	1,446
Tennessee	2.916	0.912	19,448
Texas	9.152	3.003	59,177
Utah	0.541	0.178	4,006
Vermont	0.124	0.040	965
Virginia	5.788	1.796	38,934
Washington	0.901	0.294	5,755
West Virginia	0.024	0.007	162
Wisconsin	1.182	0.392	8,474
Wyoming	0.035	0.012	251
State Totals	84.437	26.978	567,286
Interstate Spillovers	34.633	10.738	228,624
U.S. Totals	119.070	37.716	795,910

Source: GMU Schar School of Policy and Government, The Stephen S. Fuller Institute; Dodge Data & Analytics; BEA; NAIOP

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

Appendix C-2

Impacts of Construction (**Hard Costs**) on State Economies (**Industrial**), 2018

State	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.741	0.242	5,796
Alaska	0.018	0.007	126
Arizona	1.354	0.453	10,602
Arkansas	0.898	0.290	6,773
California	0.470	0.156	2,978
Colorado	4.541	1.516	32,907
Connecticut	0.070	0.023	418
Delaware	0.125	0.034	716
District of Columbia	0.000	0.000	0
Florida	0.489	0.164	3,950
Georgia	1.760	0.576	13,629
Hawaii	0.022	0.008	154
Idaho	0.299	0.100	2,410
Illinois	0.167	0.053	1,019
Indiana	0.500	0.157	3,451
Iowa	0.392	0.127	2,830
Kansas	0.894	0.265	6,009
Kentucky	4.970	1.527	35,714
Louisiana	0.658	0.224	4,809
Maine	0.013	0.004	103
Maryland	0.017	0.005	107
Massachusetts	0.577	0.183	3,472
Michigan	1.821	0.604	13,321
Minnesota	2.291	0.732	14,643
Mississippi	1.498	0.483	11,561
Missouri	0.557	0.170	3,915
Montana	0.001	0.000	5
Nebraska	0.052	0.017	374
Nevada	0.010	0.003	73
New Hampshire	0.006	0.002	33
New Jersey	0.410	0.126	2,402
New Mexico	0.157	0.053	1,271
New York	0.894	0.279	5,241
North Carolina	1.147	0.369	8,639
North Dakota	0.395	0.125	2,414
Ohio	1.624	0.513	11,235
Oklahoma	1.150	0.383	8,388
Oregon	0.188	0.059	1,293
Pennsylvania	1.975	0.614	12,304
Rhode Island	1.157	0.339	6,894
South Carolina	2.000	0.642	15,433
South Dakota	0.253	0.084	1,888
Tennessee	17.886	5.594	119,281
Texas	13.524	4.438	87,444
Utah	0.205	0.067	1,514
Vermont	0.006	0.002	50
Virginia	0.521	0.162	3,503
Washington	0.122	0.040	780
West Virginia	0.033	0.010	221
Wisconsin	0.875	0.290	6,273
Wyoming	0.000	0.000	–
State Totals	69.731	22.313	478,368
Interstate Spillovers	22.315	6.843	136,904
U.S. Totals	92.046	29.156	615,272

Source: GMU Schar School of Policy and Government, The Stephen S. Fuller Institute; Dodge Data & Analytics; BEA; NAIOP
 Note: Appendices include data for the District of Columbia, resulting in 51 states.

Appendix C-3

Impacts of Construction (Hard Costs) on State Economies (Warehouse), 2018

State	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.545	0.178	4,264
Alaska	0.009	0.003	64
Arizona	0.981	0.329	7,685
Arkansas	0.194	0.063	1,466
California	4.731	1.570	30,011
Colorado	0.864	0.289	6,265
Connecticut	0.510	0.164	3,037
Delaware	0.048	0.013	273
District of Columbia	0.053	0.003	58
Florida	3.951	1.327	31,900
Georgia	2.628	0.860	20,349
Hawaii	0.039	0.014	272
Idaho	0.229	0.077	1,848
Illinois	2.096	0.660	12,771
Indiana	0.728	0.229	5,025
Iowa	0.386	0.125	2,786
Kansas	0.932	0.276	6,270
Kentucky	0.338	0.104	2,432
Louisiana	0.147	0.050	1,075
Maine	0.044	0.015	356
Maryland	0.320	0.099	1,990
Massachusetts	0.287	0.091	1,726
Michigan	0.890	0.295	6,513
Minnesota	1.239	0.396	7,917
Mississippi	0.179	0.058	1,385
Missouri	0.863	0.263	6,060
Montana	0.005	0.002	42
Nebraska	0.040	0.013	291
Nevada	0.575	0.191	4,326
New Hampshire	0.030	0.009	181
New Jersey	2.881	0.886	16,893
New Mexico	0.068	0.023	546
New York	1.882	0.586	11,029
North Carolina	1.610	0.518	12,127
North Dakota	0.025	0.008	150
Ohio	1.394	0.441	9,645
Oklahoma	0.441	0.147	3,220
Oregon	0.707	0.223	4,868
Pennsylvania	1.461	0.454	9,106
Rhode Island	0.035	0.010	207
South Carolina	0.980	0.315	7,563
South Dakota	0.024	0.008	182
Tennessee	0.617	0.193	4,113
Texas	6.048	1.985	39,104
Utah	0.200	0.066	1,483
Vermont	0.015	0.005	117
Virginia	0.486	0.151	3,272
Washington	1.377	0.450	8,797
West Virginia	0.011	0.003	74
Wisconsin	0.333	0.111	2,389
Wyoming	0.007	0.002	51
State Totals	44.488	14.349	303,577
Interstate Spillovers	15.853	4.764	99,763
U.S. Totals	60.340	19.113	403,340

Source: GMU Schar School of Policy and Government, The Stephen S. Fuller Institute; Dodge Data & Analytics; BEA; NAIOP
 Note: Appendices include data for the District of Columbia, resulting in 51 states.

Appendix C-4

Impacts of Construction (**Hard Costs**) on State Economies (**Retail**), 2018

State	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.398	0.130	3,109
Alaska	0.044	0.016	298
Arizona	0.326	0.109	2,555
Arkansas	0.193	0.062	1,454
California	2.362	0.784	14,984
Colorado	0.717	0.240	5,199
Connecticut	0.279	0.090	1,664
Delaware	0.063	0.017	361
District of Columbia	0.108	0.007	118
Florida	3.459	1.162	27,923
Georgia	1.121	0.367	8,680
Hawaii	0.321	0.111	2,226
Idaho	0.128	0.043	1,036
Illinois	1.301	0.410	7,927
Indiana	0.567	0.178	3,911
Iowa	0.298	0.097	2,155
Kansas	0.285	0.085	1,920
Kentucky	0.440	0.135	3,162
Louisiana	0.412	0.140	3,008
Maine	0.043	0.014	346
Maryland	0.612	0.190	3,815
Massachusetts	0.760	0.241	4,566
Michigan	0.660	0.219	4,828
Minnesota	0.713	0.228	4,559
Mississippi	0.191	0.062	1,476
Missouri	0.599	0.183	4,205
Montana	0.078	0.026	636
Nebraska	0.096	0.031	695
Nevada	0.217	0.072	1,633
New Hampshire	0.166	0.051	1,002
New Jersey	0.898	0.276	5,265
New Mexico	0.144	0.049	1,160
New York	2.263	0.705	13,260
North Carolina	0.914	0.294	6,886
North Dakota	0.080	0.025	490
Ohio	1.197	0.378	8,281
Oklahoma	0.224	0.075	1,636
Oregon	0.246	0.078	1,695
Pennsylvania	0.706	0.220	4,402
Rhode Island	0.080	0.024	478
South Carolina	0.660	0.212	5,095
South Dakota	0.141	0.047	1,054
Tennessee	0.747	0.234	4,980
Texas	4.311	1.415	27,871
Utah	0.192	0.063	1,422
Vermont	0.077	0.025	600
Virginia	0.928	0.288	6,245
Washington	0.823	0.269	5,258
West Virginia	0.053	0.016	359
Wisconsin	0.567	0.188	4,065
Wyoming	0.018	0.006	129
State Totals	32.228	10.383	220,084
Interstate Spillovers	12.273	3.713	77,376
U.S. Totals	44.501	14.096	297,460

Source: GMU Schar School of Policy and Government, The Stephen S. Fuller Institute; Dodge Data & Analytics; BEA; NAIOP
 Note: Appendices include data for the District of Columbia, resulting in 51 states.

Appendix C-5

Impacts of Construction (Hard Costs) on State Economies (in Four Categories), 2018

State	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	5.984	1.957	46,791
Alaska	0.163	0.058	1,116
Arizona	4.259	1.426	33,352
Arkansas	1.815	0.586	13,697
California	12.987	4.309	82,377
Colorado	7.651	2.555	55,443
Connecticut	1.024	0.329	6,097
Delaware	0.270	0.075	1,548
District of Columbia	0.678	0.043	741
Florida	10.200	3.426	82,350
Georgia	8.380	2.741	64,896
Hawaii	0.540	0.186	3,743
Idaho	1.188	0.397	9,585
Illinois	7.707	2.428	46,964
Indiana	2.590	0.815	17,869
Iowa	2.043	0.662	14,755
Kansas	2.704	0.801	18,178
Kentucky	6.561	2.016	47,148
Louisiana	1.600	0.544	11,692
Maine	0.224	0.075	1,805
Maryland	2.530	0.784	15,761
Massachusetts	4.511	1.431	27,121
Michigan	4.145	1.374	30,323
Minnesota	4.868	1.556	31,112
Mississippi	2.000	0.645	15,441
Missouri	2.994	0.914	21,035
Montana	0.178	0.060	1,452
Nebraska	2.484	0.812	18,014
Nevada	1.130	0.374	8,501
New Hampshire	0.270	0.083	1,626
New Jersey	4.568	1.406	26,788
New Mexico	1.295	0.439	10,472
New York	18.156	5.657	106,393
North Carolina	6.351	2.044	47,849
North Dakota	0.624	0.197	3,814
Ohio	6.735	2.129	46,586
Oklahoma	3.831	1.276	27,956
Oregon	2.337	0.736	16,097
Pennsylvania	6.048	1.881	37,689
Rhode Island	1.298	0.380	7,733
South Carolina	4.700	1.508	36,267
South Dakota	0.611	0.203	4,570
Tennessee	22.165	6.932	147,822
Texas	33.035	10.840	213,596
Utah	1.138	0.374	8,424
Vermont	0.223	0.073	1,732
Virginia	7.724	2.396	51,954
Washington	3.223	1.053	20,590
West Virginia	0.120	0.037	816
Wisconsin	2.958	0.982	21,201
Wyoming	0.060	0.020	430
State Totals	230.884	74.023	1,569,314
Interstate Spillovers	85.074	26.057	542,667
U.S. Totals	315.957	100.080	2,111,982

Source: GMU Schar School of Policy and Government, The Stephen S. Fuller Institute; Dodge Data & Analytics; BEA; NAIOP
 Note: Appendices include data for the District of Columbia, resulting in 51 states.