

Appendix E: Total Impacts by State

Appendix E-1

Total Impacts (Soft Costs, Site Development, Hard Costs and Tenant Improvements) on State Economies (**Office**), 2017

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.255	0.539	0.179	4,179
Alaska	0.007	0.012	0.004	83
Arizona	0.591	1.223	0.415	9,441
Arkansas	0.258	0.509	0.167	3,844
California	14.007	29.836	10.041	189,001
Colorado	1.038	2.260	0.765	16,256
Connecticut	0.577	1.086	0.353	6,447
Delaware	0.340	0.585	0.161	3,271
District of Columbia	1.720	2.009	0.145	2,401
Florida	2.103	4.389	1.495	35,418
Georgia	2.946	6.769	2.242	52,199
Hawaii	0.126	0.230	0.080	1,602
Idaho	0.135	0.250	0.085	2,001
Illinois	2.509	5.796	1.853	35,332
Indiana	0.421	0.914	0.292	6,366
Iowa	0.333	0.631	0.208	4,574
Kansas	0.602	1.210	0.364	8,054
Kentucky	0.468	0.965	0.300	6,932
Louisiana	0.272	0.538	0.185	3,902
Maine	0.065	0.123	0.042	988
Maryland	2.680	5.044	1.583	31,003
Massachusetts	2.435	4.635	1.493	27,749
Michigan	0.835	1.780	0.599	12,908
Minnesota	0.482	1.061	0.344	6,830
Mississippi	0.006	0.012	0.004	94
Missouri	0.897	1.900	0.583	13,134
Montana	0.121	0.222	0.076	1,807
Nebraska	1.583	2.985	0.991	21,582
Nevada	0.286	0.532	0.179	3,984
New Hampshire	0.067	0.130	0.040	788
New Jersey	1.552	3.238	1.007	18,854
New Mexico	0.090	0.159	0.055	1,281
New York	10.634	19.406	6.059	111,526
North Carolina	2.786	6.084	1.991	45,919
North Dakota	0.178	0.317	0.101	1,924
Ohio	0.959	2.169	0.697	15,127
Oklahoma	0.194	0.401	0.136	2,931
Oregon	0.549	1.098	0.353	7,663
Pennsylvania	2.066	4.650	1.466	29,051
Rhode Island	0.056	0.099	0.029	598
South Carolina	0.649	1.402	0.456	10,730
South Dakota	0.171	0.314	0.106	2,350
Tennessee	1.020	2.316	0.736	15,529
Texas	9.385	22.692	7.533	146,278
Utah	0.479	1.059	0.353	7,927
Vermont	0.025	0.044	0.015	340
Virginia	2.602	5.134	1.607	33,801
Washington	1.888	3.878	1.288	24,879
West Virginia	0.021	0.037	0.011	254
Wisconsin	0.591	1.215	0.408	8,777
Wyoming	0.011	0.017	0.006	124
State Totals	74.072	153.902	49.683	998,032
Interstate Spillovers		60.387	19.119	435,255
U.S. Totals	74.072	214.289	68.802	1,433,288

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 E-2

Total Impacts (Soft Costs, Site Development, Hard Costs and Tenant Improvements) on State Economies (**Industrial**), 2017

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.284	0.602	0.199	4,675
Alaska	0.001	0.002	0.001	13
Arizona	0.495	1.021	0.346	7,915
Arkansas	0.076	0.150	0.049	1,130
California	2.798	5.933	1.990	37,597
Colorado	0.501	1.085	0.366	7,816
Connecticut	0.055	0.103	0.033	613
Delaware	0.142	0.243	0.067	1,367
District of Columbia	0.000	0.000	0.000	-
Florida	0.351	0.730	0.248	5,891
Georgia	0.554	1.269	0.419	9,796
Hawaii	0.019	0.035	0.012	245
Idaho	0.075	0.140	0.047	1,119
Illinois	0.529	1.218	0.388	7,424
Indiana	0.428	0.931	0.297	6,470
Iowa	2.161	4.109	1.346	29,745
Kansas	0.214	0.430	0.129	2,871
Kentucky	0.334	0.689	0.214	4,949
Louisiana	5.639	11.122	3.814	80,842
Maine	0.068	0.129	0.044	1,037
Maryland	0.048	0.090	0.028	557
Massachusetts	1.179	2.229	0.715	13,359
Michigan	1.019	2.169	0.727	15,764
Minnesota	0.452	0.993	0.321	6,381
Mississippi	0.002	0.004	0.001	29
Missouri	0.633	1.341	0.411	9,307
Montana	0.039	0.073	0.025	590
Nebraska	0.608	1.145	0.379	8,285
Nevada	0.068	0.126	0.042	946
New Hampshire	0.008	0.015	0.005	94
New Jersey	0.171	0.356	0.110	2,076
New Mexico	0.008	0.014	0.005	113
New York	0.605	1.098	0.343	6,340
North Carolina	0.985	2.150	0.700	16,217
North Dakota	0.014	0.026	0.008	156
Ohio	0.674	1.525	0.488	10,612
Oklahoma	0.000	0.000	0.000	-
Oregon	0.033	0.066	0.021	459
Pennsylvania	11.918	26.807	8.422	167,368
Rhode Island	0.049	0.087	0.026	523
South Carolina	0.628	1.357	0.440	10,409
South Dakota	0.658	1.209	0.406	9,036
Tennessee	0.397	0.900	0.285	6,030
Texas	5.665	13.665	4.523	88,156
Utah	0.149	0.328	0.109	2,447
Vermont	0.059	0.105	0.035	816
Virginia	0.173	0.339	0.106	2,247
Washington	0.430	0.881	0.291	5,645
West Virginia	0.012	0.021	0.006	142
Wisconsin	0.362	0.744	0.249	5,366
Wyoming	0.000	0.000	0.000	-
State Totals	41.769	89.804	29.236	600,987
Interstate Spillovers		30.840	9.367	205,821
U.S. Totals	41.769	120.644	38.603	806,809

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 E-3

Total Impacts (Soft Costs, Site Development, Hard Costs and Tenant Improvements) on State Economies (**Warehouse**), 2017

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.809	1.711	0.567	13,271
Alaska	0.014	0.023	0.008	154
Arizona	0.524	1.082	0.367	8,374
Arkansas	0.220	0.434	0.142	3,281
California	4.805	10.209	3.429	64,684
Colorado	0.984	2.137	0.722	15,387
Connecticut	0.312	0.586	0.190	3,479
Delaware	0.039	0.067	0.019	378
District of Columbia	0.000	0.000	0.000	-
Florida	3.143	6.546	2.225	52,827
Georgia	1.976	4.534	1.499	34,988
Hawaii	0.048	0.088	0.031	610
Idaho	0.062	0.114	0.039	913
Illinois	1.469	3.388	1.081	20,653
Indiana	0.469	1.021	0.326	7,103
Iowa	0.231	0.438	0.144	3,173
Kansas	0.798	1.602	0.481	10,677
Kentucky	0.750	1.547	0.481	11,116
Louisiana	0.120	0.238	0.082	1,725
Maine	0.013	0.024	0.008	193
Maryland	0.900	1.689	0.529	10,400
Massachusetts	0.487	0.924	0.297	5,537
Michigan	0.473	1.008	0.339	7,318
Minnesota	0.250	0.549	0.178	3,534
Mississippi	0.219	0.425	0.139	3,287
Missouri	1.290	2.732	0.838	18,927
Montana	0.004	0.007	0.002	55
Nebraska	0.067	0.126	0.042	908
Nevada	0.515	0.958	0.321	7,173
New Hampshire	0.119	0.230	0.071	1,392
New Jersey	2.417	5.027	1.561	29,301
New Mexico	0.018	0.032	0.011	261
New York	1.845	3.358	1.048	19,350
North Carolina	0.494	1.078	0.352	8,132
North Dakota	0.020	0.036	0.012	221
Ohio	0.448	1.014	0.325	7,064
Oklahoma	0.154	0.318	0.107	2,320
Oregon	0.468	0.935	0.300	6,515
Pennsylvania	1.280	2.880	0.906	17,988
Rhode Island	0.031	0.054	0.016	326
South Carolina	0.333	0.720	0.234	5,517
South Dakota	0.101	0.185	0.062	1,380
Tennessee	0.462	1.048	0.332	7,022
Texas	4.610	11.132	3.689	71,794
Utah	0.619	1.369	0.455	10,231
Vermont	0.018	0.031	0.010	244
Virginia	0.543	1.069	0.334	7,057
Washington	1.246	2.556	0.847	16,388
West Virginia	0.000	0.000	0.000	-
Wisconsin	0.302	0.621	0.208	4,482
Wyoming	0.013	0.022	0.007	156
State Totals	36.531	77.921	25.412	527,266
Interstate Spillovers		27.668	8.424	178,910
U.S. Totals	36.531	105.589	33.836	706,176

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 E-4

Total Impacts (Soft Costs, Site Development, Hard Costs and Tenant Improvements) on State Economies (**Retail and Entertainment**), 2017

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.594	1.253	0.416	9,700
Alaska	0.014	0.023	0.008	154
Arizona	0.520	1.078	0.366	8,319
Arkansas	0.173	0.340	0.112	2,569
California	3.148	6.715	2.262	42,535
Colorado	0.836	1.822	0.617	13,096
Connecticut	0.701	1.320	0.429	7,837
Delaware	0.069	0.119	0.033	666
District of Columbia	0.252	0.295	0.022	355
Florida	3.664	7.657	2.611	61,790
Georgia	0.989	2.275	0.754	17,537
Hawaii	0.215	0.394	0.137	2,743
Idaho	0.107	0.199	0.068	1,586
Illinois	1.198	2.770	0.887	16,884
Indiana	0.384	0.834	0.267	5,816
Iowa	0.314	0.595	0.196	4,312
Kansas	0.229	0.459	0.138	3,055
Kentucky	0.445	0.916	0.286	6,582
Louisiana	0.397	0.784	0.270	5,684
Maine	0.041	0.078	0.027	627
Maryland	0.509	0.960	0.302	5,896
Massachusetts	0.660	1.259	0.406	7,535
Michigan	0.655	1.396	0.471	10,116
Minnesota	0.373	0.820	0.266	5,285
Mississippi	0.148	0.288	0.094	2,223
Missouri	0.978	2.073	0.636	14,307
Montana	0.081	0.149	0.051	1,210
Nebraska	0.381	0.718	0.239	5,191
Nevada	0.298	0.555	0.187	4,151
New Hampshire	0.066	0.128	0.040	776
New Jersey	1.000	2.088	0.650	12,151
New Mexico	0.189	0.333	0.115	2,687
New York	2.655	4.852	1.515	27,846
North Carolina	1.220	2.666	0.873	20,127
North Dakota	0.085	0.151	0.048	919
Ohio	1.110	2.511	0.808	17,522
Oklahoma	0.225	0.464	0.157	3,389
Oregon	0.496	0.993	0.319	6,934
Pennsylvania	0.909	2.045	0.646	12,781
Rhode Island	0.087	0.154	0.046	936
South Carolina	0.443	0.958	0.312	7,328
South Dakota	0.055	0.101	0.034	752
Tennessee	0.566	1.284	0.409	8,617
Texas	4.717	11.413	3.792	73,553
Utah	0.388	0.859	0.287	6,437
Vermont	0.044	0.079	0.026	609
Virginia	0.734	1.450	0.454	9,528
Washington	0.736	1.512	0.503	9,704
West Virginia	0.041	0.073	0.023	506
Wisconsin	0.563	1.156	0.389	8,356
Wyoming	0.016	0.025	0.009	182
State Totals	34.718	73.440	24.011	499,402
Interstate Spillovers		27.047	8.285	172,743
U.S. Totals	34.718	100.487	32.296	672,145

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 E-5

Total Impacts (Soft Costs, Site Development, Hard Costs and Tenant Improvements) on State Economies (in Four Categories), 2017

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	1.942	4.105	1.361	31,825
Alaska	0.036	0.060	0.021	404
Arizona	2.130	4.405	1.493	34,049
Arkansas	0.726	1.433	0.470	10,823
California	24.757	52.693	17.722	333,817
Colorado	3.359	7.303	2.469	52,555
Connecticut	1.645	3.094	1.005	18,376
Delaware	0.590	1.015	0.280	5,682
District of Columbia	1.972	2.304	0.167	2,756
Florida	9.261	19.321	6.578	155,926
Georgia	6.465	14.846	4.915	114,520
Hawaii	0.408	0.748	0.261	5,201
Idaho	0.379	0.703	0.238	5,619
Illinois	5.704	13.173	4.209	80,293
Indiana	1.702	3.700	1.182	25,756
Iowa	3.038	5.774	1.894	41,804
Kansas	1.843	3.702	1.112	24,658
Kentucky	1.998	4.116	1.280	29,579
Louisiana	6.429	12.682	4.350	92,153
Maine	0.188	0.354	0.120	2,845
Maryland	4.138	7.783	2.441	47,857
Massachusetts	4.761	9.047	2.912	54,180
Michigan	2.982	6.353	2.136	46,106
Minnesota	1.557	3.424	1.109	22,030
Mississippi	0.375	0.729	0.239	5,633
Missouri	3.797	8.047	2.468	55,674
Montana	0.244	0.450	0.155	3,663
Nebraska	2.638	4.973	1.650	35,966
Nevada	1.167	2.171	0.729	16,254
New Hampshire	0.261	0.503	0.157	3,049
New Jersey	5.140	10.708	3.328	62,381
New Mexico	0.306	0.538	0.185	4,342
New York	15.739	28.714	8.965	165,063
North Carolina	5.485	11.978	3.916	90,396
North Dakota	0.298	0.530	0.170	3,220
Ohio	3.191	7.219	2.317	50,325
Oklahoma	0.573	1.183	0.400	8,640
Oregon	1.547	3.092	0.993	21,571
Pennsylvania	16.174	36.382	11.440	227,188
Rhode Island	0.223	0.394	0.117	2,384
South Carolina	2.054	4.437	1.443	33,984
South Dakota	0.985	1.809	0.608	13,518
Tennessee	2.444	5.548	1.762	37,198
Texas	24.377	58.902	19.537	379,781
Utah	1.635	3.614	1.203	27,043
Vermont	0.145	0.259	0.086	2,009
Virginia	4.052	7.992	2.501	52,633
Washington	4.299	8.827	2.930	56,617
West Virginia	0.074	0.131	0.041	902
Wisconsin	1.818	3.736	1.255	26,981
Wyoming	0.039	0.064	0.022	462
State Totals	187.090	395.066	128.343	2,625,688
Interstate Spillovers		145.942	45.194	992,730
U.S. Totals	187.090	541.008	173.537	3,618,418

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.