

# Appendix B: Site Development Impacts by States

## Appendix B-1

Impacts of Site Development on State Economies (Office), 2016

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.035	0.074	0.024	591
Alaska	0.007	0.013	0.004	89
Arizona	0.107	0.218	0.073	1,753
Arkansas	0.027	0.054	0.017	432
California	0.918	1.950	0.645	13,349
Colorado	0.163	0.353	0.118	2,739
Connecticut	0.007	0.012	0.004	78
Delaware	0.011	0.019	0.005	115
District of Columbia	0.354	0.397	0.030	550
Florida	0.289	0.592	0.199	5,009
Georgia	0.478	1.097	0.359	8,668
Hawaii	0.018	0.033	0.012	247
Idaho	0.029	0.052	0.018	443
Illinois	0.234	0.538	0.169	3,562
Indiana	0.059	0.130	0.041	949
Iowa	0.053	0.103	0.033	772
Kansas	0.107	0.212	0.063	1,483
Kentucky	0.034	0.073	0.022	551
Louisiana	0.028	0.055	0.019	404
Maine	0.014	0.026	0.009	222
Maryland	0.193	0.362	0.115	2,366
Massachusetts	0.399	0.756	0.238	4,679
Michigan	0.322	0.684	0.227	5,479
Minnesota	0.051	0.112	0.036	787
Mississippi	0.005	0.011	0.004	88
Missouri	0.130	0.277	0.084	1,999
Montana	0.013	0.023	0.008	200
Nebraska	0.022	0.041	0.013	303
Nevada	0.157	0.290	0.097	2,101
New Hampshire	0.003	0.006	0.002	39
New Jersey	0.066	0.134	0.041	850
New Mexico	0.019	0.033	0.011	280
New York	2.727	4.987	1.551	30,991
North Carolina	0.346	0.757	0.245	6,138
North Dakota	0.022	0.039	0.012	251
Ohio	0.186	0.426	0.135	3,054
Oklahoma	0.071	0.146	0.049	1,112
Oregon	0.256	0.516	0.163	3,845
Pennsylvania	0.127	0.285	0.089	1,870
Rhode Island	0.034	0.060	0.018	376
South Carolina	0.028	0.061	0.019	496
South Dakota	0.021	0.039	0.013	321
Tennessee	0.141	0.319	0.100	2,221
Texas	1.152	2.762	0.905	19,190
Utah	0.049	0.108	0.035	842
Vermont	0.001	0.001	0.000	8
Virginia	0.288	0.561	0.175	4,060
Washington	0.254	0.527	0.172	3,573
West Virginia	0.003	0.006	0.002	45
Wisconsin	0.141	0.291	0.097	2,258
Wyoming	0.002	0.003	0.001	22
<b>State Totals</b>	<b>10.200</b>	<b>20.627</b>	<b>6.523</b>	<b>141,851</b>
<b>Interstate Spillovers</b>		<b>9.055</b>	<b>2.871</b>	<b>67,566</b>
<b>U.S. Totals</b>	<b>10.200</b>	<b>29.682</b>	<b>9.393</b>	<b>209,417</b>

Sources: GMU Schar Fuller; Dodge Data & Analytics; BEA; NAIOP

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

**Appendix B-2**  
Impacts of Site Development on State Economies (**Industrial**), 2016

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.069	0.148	0.048	1,178
Alaska	0.000	0.000	0.000	–
Arizona	0.005	0.009	0.003	75
Arkansas	0.016	0.033	0.010	260
California	0.058	0.124	0.041	847
Colorado	0.012	0.026	0.009	199
Connecticut	0.024	0.044	0.014	278
Delaware	0.000	0.000	0.000	0
District of Columbia	0.000	0.000	0.000	–
Florida	0.030	0.061	0.021	517
Georgia	0.005	0.011	0.003	83
Hawaii	0.000	0.000	0.000	0
Idaho	0.008	0.015	0.005	126
Illinois	0.017	0.040	0.013	266
Indiana	0.012	0.026	0.008	192
Iowa	0.022	0.042	0.014	316
Kansas	0.007	0.014	0.004	97
Kentucky	0.088	0.185	0.057	1,401
Louisiana	0.874	1.735	0.584	12,654
Maine	0.000	0.000	0.000	–
Maryland	0.008	0.014	0.004	93
Massachusetts	0.030	0.057	0.018	351
Michigan	0.247	0.526	0.175	4,212
Minnesota	0.029	0.064	0.020	449
Mississippi	0.010	0.019	0.006	155
Missouri	0.025	0.054	0.016	386
Montana	0.000	0.000	0.000	–
Nebraska	0.080	0.151	0.049	1,116
Nevada	0.002	0.003	0.001	21
New Hampshire	0.000	0.001	0.000	4
New Jersey	0.109	0.223	0.069	1,416
New Mexico	0.000	0.000	0.000	0
New York	0.050	0.091	0.028	567
North Carolina	0.004	0.008	0.003	64
North Dakota	0.000	0.000	0.000	2
Ohio	0.045	0.103	0.033	740
Oklahoma	0.005	0.010	0.003	73
Oregon	0.007	0.014	0.004	101
Pennsylvania	0.073	0.164	0.051	1,076
Rhode Island	0.002	0.003	0.001	20
South Carolina	0.112	0.245	0.079	2,003
South Dakota	0.045	0.084	0.028	697
Tennessee	0.078	0.176	0.055	1,230
Texas	0.284	0.681	0.223	4,728
Utah	0.000	0.000	0.000	4
Vermont	0.004	0.007	0.002	52
Virginia	0.004	0.008	0.002	57
Washington	0.028	0.057	0.019	387
West Virginia	0.006	0.010	0.003	73
Wisconsin	0.014	0.028	0.009	221
Wyoming	0.006	0.010	0.003	77
<b>State Totals</b>	<b>3.638</b>	<b>7.720</b>	<b>2.536</b>	<b>55,703</b>
<b>Interstate Spillovers</b>		<b>2.867</b>	<b>0.814</b>	<b>18,991</b>
<b>U.S. Totals</b>	<b>3.638</b>	<b>10.587</b>	<b>3.350</b>	<b>74,693</b>

Sources: GMU Schar Fuller; Dodge Data & Analytics; BEA; NAIOP

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

### Appendix B-3

#### Impacts of Site Development on State Economies (Warehouse), 2016

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.002	0.004	0.001	30
Alaska	0.002	0.003	0.001	23
Arizona	0.104	0.213	0.072	1,716
Arkansas	0.039	0.079	0.025	629
California	0.484	1.028	0.340	7,036
Colorado	0.105	0.226	0.075	1,754
Connecticut	0.034	0.062	0.020	390
Delaware	0.002	0.003	0.001	16
District of Columbia	0.003	0.004	0.000	5
Florida	0.348	0.714	0.240	6,038
Georgia	0.108	0.248	0.081	1,955
Hawaii	0.005	0.008	0.003	62
Idaho	0.006	0.010	0.003	87
Illinois	0.255	0.585	0.184	3,871
Indiana	0.092	0.202	0.063	1,472
Iowa	0.020	0.039	0.013	293
Kansas	0.093	0.184	0.055	1,289
Kentucky	0.058	0.123	0.038	929
Louisiana	0.020	0.040	0.013	291
Maine	0.001	0.002	0.001	18
Maryland	0.044	0.083	0.026	544
Massachusetts	0.027	0.051	0.016	318
Michigan	0.037	0.079	0.026	629
Minnesota	0.041	0.090	0.029	629
Mississippi	0.000	0.001	0.000	6
Missouri	0.105	0.224	0.068	1,614
Montana	0.001	0.002	0.001	17
Nebraska	0.010	0.020	0.006	145
Nevada	0.075	0.138	0.046	1,001
New Hampshire	0.002	0.003	0.001	19
New Jersey	0.192	0.394	0.122	2,497
New Mexico	0.002	0.003	0.001	29
New York	0.192	0.351	0.109	2,178
North Carolina	0.061	0.133	0.043	1,079
North Dakota	0.016	0.029	0.009	188
Ohio	0.071	0.162	0.051	1,158
Oklahoma	0.037	0.077	0.026	585
Oregon	0.065	0.131	0.041	974
Pennsylvania	0.144	0.323	0.101	2,124
Rhode Island	0.000	0.000	0.000	2
South Carolina	0.021	0.046	0.015	374
South Dakota	0.016	0.030	0.010	250
Tennessee	0.031	0.070	0.022	488
Texas	0.468	1.122	0.368	7,792
Utah	0.032	0.071	0.023	553
Vermont	0.000	0.001	0.000	5
Virginia	0.035	0.068	0.021	493
Washington	0.057	0.119	0.039	807
West Virginia	0.006	0.010	0.003	72
Wisconsin	0.055	0.115	0.038	888
Wyoming	0.004	0.007	0.002	48
<b>State Totals</b>	<b>3.628</b>	<b>7.726</b>	<b>2.494</b>	<b>55,413</b>
<b>Interstate Spillovers</b>		<b>2.830</b>	<b>0.847</b>	<b>19,063</b>
<b>U.S. Totals</b>	<b>3.628</b>	<b>10.556</b>	<b>3.341</b>	<b>74,476</b>

Sources: GMU Schar Fuller; Dodge Data & Analytics; BEA; NAIOP

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

## Appendix B-4

### Impacts of Site Development on State Economies (Retail and Entertainment), 2016

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.035	0.076	0.025	602
Alaska	0.003	0.005	0.002	33
Arizona	0.088	0.180	0.061	1,449
Arkansas	0.027	0.054	0.017	429
California	0.561	1.193	0.395	8,165
Colorado	0.100	0.217	0.072	1,683
Connecticut	0.024	0.043	0.014	275
Delaware	0.012	0.021	0.006	126
District of Columbia	0.033	0.037	0.003	51
Florida	0.421	0.863	0.291	7,302
Georgia	0.214	0.491	0.161	3,878
Hawaii	0.028	0.051	0.018	376
Idaho	0.017	0.030	0.010	257
Illinois	0.198	0.455	0.143	3,007
Indiana	0.051	0.113	0.035	823
Iowa	0.067	0.130	0.042	971
Kansas	0.046	0.091	0.027	640
Kentucky	0.056	0.119	0.036	900
Louisiana	0.046	0.091	0.031	662
Maine	0.009	0.018	0.006	150
Maryland	0.098	0.183	0.058	1,195
Massachusetts	0.173	0.328	0.103	2,030
Michigan	0.072	0.154	0.051	1,233
Minnesota	0.070	0.154	0.049	1,079
Mississippi	0.020	0.040	0.013	326
Missouri	0.097	0.207	0.063	1,494
Montana	0.017	0.031	0.010	263
Nebraska	0.027	0.051	0.017	374
Nevada	0.066	0.121	0.040	878
New Hampshire	0.013	0.025	0.008	162
New Jersey	0.095	0.194	0.060	1,229
New Mexico	0.023	0.040	0.014	339
New York	0.453	0.828	0.258	5,148
North Carolina	0.145	0.318	0.103	2,582
North Dakota	0.007	0.012	0.004	79
Ohio	0.136	0.311	0.098	2,229
Oklahoma	0.057	0.117	0.039	890
Oregon	0.058	0.116	0.037	863
Pennsylvania	0.209	0.471	0.147	3,094
Rhode Island	0.007	0.012	0.003	75
South Carolina	0.058	0.126	0.040	1,030
South Dakota	0.011	0.020	0.007	165
Tennessee	0.133	0.300	0.094	2,094
Texas	0.585	1.402	0.460	9,741
Utah	0.038	0.085	0.028	666
Vermont	0.004	0.007	0.002	53
Virginia	0.189	0.369	0.115	2,671
Washington	0.072	0.149	0.049	1,013
West Virginia	0.006	0.012	0.004	82
Wisconsin	0.064	0.132	0.044	1,019
Wyoming	0.004	0.006	0.002	43
<b>State Totals</b>	<b>5.042</b>	<b>10.597</b>	<b>3.412</b>	<b>75,916</b>
<b>Interstate Spillovers</b>		<b>4.075</b>	<b>1.231</b>	<b>27,597</b>
<b>U.S. Totals</b>	<b>5.042</b>	<b>14.672</b>	<b>4.643</b>	<b>103,513</b>

Sources: GMU Schar Fuller; Dodge Data & Analytics; BEA; NAIOP

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

## Appendix B-5

### Impacts of Site Development on State Economies (in Four Categories), 2016

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.141	0.302	0.099	2,400
Alaska	0.012	0.020	0.007	145
Arizona	0.304	0.620	0.209	4,994
Arkansas	0.110	0.220	0.071	1,750
California	2.021	4.294	1.421	29,397
Colorado	0.380	0.821	0.274	6,375
Connecticut	0.088	0.161	0.052	1,021
Delaware	0.024	0.043	0.012	257
District of Columbia	0.390	0.438	0.033	606
Florida	1.088	2.231	0.751	18,865
Georgia	0.805	1.846	0.604	14,585
Hawaii	0.051	0.093	0.032	685
Idaho	0.059	0.108	0.036	913
Illinois	0.704	1.618	0.509	10,706
Indiana	0.214	0.471	0.148	3,436
Iowa	0.163	0.315	0.101	2,352
Kansas	0.253	0.501	0.149	3,509
Kentucky	0.237	0.499	0.153	3,780
Louisiana	0.967	1.921	0.647	14,010
Maine	0.025	0.047	0.016	390
Maryland	0.343	0.642	0.203	4,198
Massachusetts	0.629	1.191	0.376	7,378
Michigan	0.678	1.442	0.479	11,553
Minnesota	0.192	0.419	0.134	2,944
Mississippi	0.036	0.071	0.023	574
Missouri	0.356	0.762	0.232	5,494
Montana	0.030	0.056	0.019	481
Nebraska	0.139	0.262	0.086	1,939
Nevada	0.300	0.552	0.184	4,001
New Hampshire	0.018	0.035	0.011	224
New Jersey	0.462	0.945	0.292	5,992
New Mexico	0.044	0.077	0.026	648
New York	3.422	6.257	1.946	38,883
North Carolina	0.556	1.216	0.393	9,863
North Dakota	0.045	0.080	0.025	519
Ohio	0.437	1.002	0.317	7,181
Oklahoma	0.170	0.350	0.117	2,660
Oregon	0.386	0.777	0.245	5,784
Pennsylvania	0.552	1.243	0.387	8,164
Rhode Island	0.043	0.076	0.022	473
South Carolina	0.219	0.477	0.153	3,903
South Dakota	0.093	0.173	0.057	1,432
Tennessee	0.384	0.865	0.271	6,033
Texas	2.488	5.967	1.955	41,451
Utah	0.119	0.265	0.087	2,064
Vermont	0.008	0.015	0.005	119
Virginia	0.516	1.006	0.314	7,280
Washington	0.411	0.852	0.278	5,780
West Virginia	0.021	0.038	0.012	272
Wisconsin	0.274	0.566	0.188	4,386
Wyoming	0.016	0.026	0.009	190
<b>State Totals</b>	<b>21.422</b>	<b>44.274</b>	<b>14.169</b>	<b>312,044</b>
<b>Interstate Spillovers</b>		<b>18.063</b>	<b>5.558</b>	<b>127,758</b>
<b>U.S. Totals</b>	<b>21.422</b>	<b>62.337</b>	<b>19.727</b>	<b>439,801</b>

Sources: GMU Schar Fuller; Dodge Data & Analytics; BEA; NAIOP

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