

# Appendix E: Total Impacts by State

## Appendix E-1

Total Impacts (Soft Costs, Site Development, Hard Costs and Tenant Improvements) on State Economies (**Office**), 2018

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	3.972	8.387	2.786	64,943
Alaska	0.108	0.183	0.066	1,230
Arizona	1.542	3.195	1.085	24,657
Arkansas	0.522	1.029	0.338	7,773
California	5.098	10.870	3.661	68,852
Colorado	1.407	3.065	1.038	22,039
Connecticut	0.174	0.328	0.107	1,947
Delaware	0.040	0.069	0.019	386
District of Columbia	0.914	1.070	0.078	1,284
Florida	2.203	4.601	1.568	37,128
Georgia	2.485	5.714	1.894	44,059
Hawaii	0.172	0.315	0.110	2,188
Idaho	0.565	1.047	0.356	8,360
Illinois	3.564	8.240	2.637	50,229
Indiana	0.713	1.548	0.496	10,793
Iowa	0.996	1.889	0.622	13,688
Kansas	0.580	1.166	0.351	7,755
Kentucky	0.772	1.589	0.495	11,417
Louisiana	0.383	0.757	0.261	5,490
Maine	0.130	0.245	0.084	1,968
Maryland	1.692	3.188	1.001	19,583
Massachusetts	3.063	5.839	1.883	34,950
Michigan	0.718	1.530	0.516	11,093
Minnesota	0.562	1.236	0.401	7,962
Mississippi	0.132	0.257	0.084	1,984
Missouri	0.907	1.922	0.590	13,270
Montana	0.101	0.186	0.064	1,511
Nebraska	2.406	4.538	1.508	32,810
Nevada	0.350	0.652	0.219	4,875
New Hampshire	0.070	0.135	0.042	818
New Jersey	0.365	0.763	0.237	4,442
New Mexico	1.047	1.838	0.632	14,841
New York	14.422	26.343	8.226	151,250
North Carolina	2.425	5.297	1.735	39,982
North Dakota	0.138	0.245	0.078	1,486
Ohio	2.187	4.948	1.590	34,515
Oklahoma	1.921	3.966	1.343	28,977
Oregon	1.184	2.368	0.761	16,530
Pennsylvania	1.670	3.758	1.186	23,482
Rhode Island	0.029	0.051	0.015	312
South Carolina	0.966	2.087	0.680	15,966
South Dakota	0.206	0.378	0.127	2,824
Tennessee	2.533	5.750	1.829	38,573
Texas	7.519	18.188	6.041	117,227
Utah	0.486	1.074	0.358	8,051
Vermont	0.138	0.245	0.081	1,900
Virginia	5.861	11.571	3.624	76,099
Washington	0.869	1.785	0.594	11,457
West Virginia	0.026	0.047	0.015	321
Wisconsin	1.126	2.313	0.778	16,716
Wyoming	0.042	0.069	0.023	495
<b>State Totals</b>	<b>81.500</b>	<b>167.871</b>	<b>54.310</b>	<b>1,120,488</b>
<b>Interstate Spillovers</b>		<b>67.983</b>	<b>21.466</b>	<b>457,090</b>
<b>U.S. Totals</b>	<b>81.500</b>	<b>235.854</b>	<b>75.777</b>	<b>1,577,578</b>

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**), 2018

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.614	1.301	0.430	10,113
Alaska	0.019	0.033	0.012	221
Arizona	1.173	2.416	0.816	18,738
Arkansas	0.792	1.570	0.513	11,855
California	0.396	0.839	0.281	5,316
Colorado	3.751	8.118	2.735	58,533
Connecticut	0.067	0.125	0.040	743
Delaware	0.129	0.222	0.061	1,250
District of Columbia	0.001	0.001	0.000	1
Florida	0.420	0.873	0.296	7,045
Georgia	1.367	3.130	1.033	24,170
Hawaii	0.022	0.040	0.014	275
Idaho	0.285	0.528	0.178	4,228
Illinois	0.129	0.297	0.095	1,812
Indiana	0.403	0.878	0.279	6,096
Iowa	0.362	0.689	0.225	4,983
Kansas	0.786	1.579	0.472	10,542
Kentucky	4.234	8.736	2.709	62,787
Louisiana	0.591	1.165	0.399	8,469
Maine	0.012	0.023	0.008	183
Maryland	0.017	0.031	0.010	190
Massachusetts	0.550	1.038	0.333	6,222
Michigan	1.516	3.226	1.081	23,456
Minnesota	1.849	4.060	1.310	26,076
Mississippi	1.347	2.625	0.855	20,274
Missouri	0.465	0.985	0.302	6,841
Montana	0.001	0.001	0.000	8
Nebraska	0.048	0.091	0.030	660
Nevada	0.009	0.017	0.006	130
New Hampshire	0.005	0.010	0.003	59
New Jersey	0.354	0.733	0.227	4,276
New Mexico	0.159	0.279	0.095	2,253
New York	0.882	1.600	0.499	9,253
North Carolina	0.931	2.030	0.661	15,313
North Dakota	0.393	0.698	0.222	4,246
Ohio	1.265	2.864	0.915	19,922
Oklahoma	0.983	2.029	0.683	14,818
Oregon	0.167	0.333	0.106	2,312
Pennsylvania	1.552	3.490	1.096	21,789
Rhode Island	1.172	2.060	0.609	12,410
South Carolina	1.636	3.534	1.145	27,117
South Dakota	0.241	0.444	0.149	3,317
Tennessee	13.937	31.621	10.000	211,681
Texas	9.969	24.030	7.948	155,056
Utah	0.165	0.363	0.121	2,710
Vermont	0.006	0.011	0.004	88
Virginia	0.473	0.929	0.290	6,158
Washington	0.106	0.217	0.072	1,388
West Virginia	0.032	0.057	0.018	393
Wisconsin	0.748	1.539	0.515	11,093
Wyoming	0.000	0.000	0.000	-
<b>State Totals</b>	<b>56.529</b>	<b>123.504</b>	<b>39.901</b>	<b>846,869</b>
<b>Interstate Spillovers</b>		<b>39.703</b>	<b>12.274</b>	<b>244,536</b>
<b>U.S. Totals</b>	<b>56.529</b>	<b>163.207</b>	<b>52.175</b>	<b>1,091,406</b>

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), 2018

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.454	0.960	0.318	7,448
Alaska	0.010	0.017	0.006	113
Arizona	0.854	1.764	0.598	13,648
Arkansas	0.172	0.340	0.112	2,571
California	4.008	8.520	2.862	53,980
Colorado	0.717	1.558	0.526	11,218
Connecticut	0.488	0.916	0.297	5,441
Delaware	0.050	0.085	0.023	478
District of Columbia	0.085	0.099	0.007	117
Florida	3.409	7.102	2.415	57,316
Georgia	2.050	4.704	1.556	36,298
Hawaii	0.039	0.071	0.025	490
Idaho	0.219	0.406	0.138	3,252
Illinois	1.625	3.750	1.197	22,860
Indiana	0.589	1.282	0.409	8,918
Iowa	0.358	0.680	0.223	4,925
Kansas	0.824	1.655	0.497	11,030
Kentucky	0.290	0.597	0.186	4,289
Louisiana	0.133	0.262	0.090	1,900
Maine	0.042	0.079	0.027	632
Maryland	0.308	0.578	0.181	3,561
Massachusetts	0.275	0.521	0.168	3,121
Michigan	0.745	1.586	0.533	11,513
Minnesota	1.004	2.207	0.714	14,198
Mississippi	0.162	0.315	0.103	2,436
Missouri	0.723	1.531	0.469	10,604
Montana	0.005	0.009	0.003	74
Nebraska	0.038	0.072	0.024	517
Nevada	0.553	1.028	0.345	7,696
New Hampshire	0.028	0.054	0.017	325
New Jersey	2.498	5.197	1.614	30,288
New Mexico	0.069	0.120	0.041	973
New York	1.865	3.395	1.060	19,561
North Carolina	1.312	2.865	0.935	21,616
North Dakota	0.025	0.044	0.014	265
Ohio	1.091	2.469	0.791	17,200
Oklahoma	0.379	0.782	0.264	5,716
Oregon	0.630	1.259	0.404	8,772
Pennsylvania	1.154	2.596	0.817	16,212
Rhode Island	0.035	0.062	0.018	376
South Carolina	0.805	1.740	0.565	13,330
South Dakota	0.023	0.043	0.014	320
Tennessee	0.483	1.096	0.348	7,343
Texas	4.478	10.815	3.585	69,742
Utah	0.162	0.358	0.119	2,676
Vermont	0.015	0.027	0.009	207
Virginia	0.444	0.874	0.273	5,771
Washington	1.197	2.457	0.815	15,753
West Virginia	0.011	0.019	0.006	132
Wisconsin	0.286	0.588	0.197	4,246
Wyoming	0.008	0.013	0.004	90
<b>State Totals</b>	<b>37.226</b>	<b>79.567</b>	<b>25.963</b>	<b>541,560</b>
<b>Interstate Spillovers</b>		<b>28.042</b>	<b>8.529</b>	<b>178,131</b>
<b>U.S. Totals</b>	<b>37.226</b>	<b>107.608</b>	<b>34.492</b>	<b>719,691</b>

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), 2018

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	0.392	0.827	0.275	6,402
Alaska	0.055	0.092	0.033	622
Arizona	0.336	0.697	0.237	5,377
Arkansas	0.202	0.399	0.131	3,011
California	2.370	5.059	1.705	32,042
Colorado	0.705	1.538	0.521	11,055
Connecticut	0.317	0.596	0.194	3,541
Delaware	0.078	0.134	0.037	745
District of Columbia	0.203	0.239	0.017	288
Florida	3.534	7.390	2.521	59,632
Georgia	1.036	2.383	0.790	18,366
Hawaii	0.374	0.686	0.239	4,773
Idaho	0.146	0.270	0.092	2,154
Illinois	1.195	2.764	0.885	16,847
Indiana	0.543	1.179	0.378	8,221
Iowa	0.328	0.622	0.205	4,508
Kansas	0.299	0.600	0.181	3,990
Kentucky	0.446	0.917	0.286	6,594
Louisiana	0.439	0.868	0.299	6,292
Maine	0.048	0.091	0.031	728
Maryland	0.699	1.320	0.415	8,102
Massachusetts	0.860	1.643	0.530	9,830
Michigan	0.654	1.394	0.470	10,098
Minnesota	0.685	1.507	0.490	9,714
Mississippi	0.205	0.397	0.130	3,066
Missouri	0.594	1.259	0.386	8,681
Montana	0.089	0.164	0.057	1,333
Nebraska	0.107	0.202	0.067	1,461
Nevada	0.247	0.460	0.155	3,444
New Hampshire	0.183	0.352	0.110	2,139
New Jersey	0.922	1.927	0.600	11,212
New Mexico	0.173	0.304	0.105	2,453
New York	2.656	4.857	1.517	27,852
North Carolina	0.882	1.928	0.632	14,557
North Dakota	0.095	0.168	0.054	1,023
Ohio	1.110	2.510	0.808	17,518
Oklahoma	0.228	0.471	0.160	3,440
Oregon	0.260	0.520	0.167	3,633
Pennsylvania	0.661	1.487	0.470	9,292
Rhode Island	0.097	0.171	0.051	1,037
South Carolina	0.642	1.388	0.453	10,617
South Dakota	0.160	0.294	0.099	2,195
Tennessee	0.692	1.572	0.501	10,549
Texas	3.780	9.150	3.041	58,961
Utah	0.184	0.407	0.136	3,054
Vermont	0.091	0.163	0.054	1,262
Virginia	1.003	1.983	0.621	13,023
Washington	0.848	1.742	0.580	11,182
West Virginia	0.062	0.110	0.034	760
Wisconsin	0.576	1.184	0.399	8,559
Wyoming	0.023	0.038	0.013	272
<b>State Totals</b>	<b>32.513</b>	<b>68.422</b>	<b>22.363</b>	<b>465,506</b>
<b>Interstate Spillovers</b>		<b>25.708</b>	<b>7.908</b>	<b>164,143</b>
<b>U.S. Totals</b>	<b>32.513</b>	<b>94.131</b>	<b>30.271</b>	<b>629,649</b>

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), 2018

State	Direct Spending (In Billions of Dollars)	Total Output (In Billions of Dollars)	Personal Earnings (In Billions of Dollars)	Jobs Supported
Alabama	5.433	11.476	3.809	88,906
Alaska	0.193	0.325	0.116	2,186
Arizona	3.905	8.073	2.736	62,420
Arkansas	1.689	3.338	1.094	25,211
California	11.873	25.287	8.510	160,190
Colorado	6.581	14.279	4.821	102,845
Connecticut	1.045	1.965	0.638	11,673
Delaware	0.297	0.510	0.141	2,859
District of Columbia	1.202	1.408	0.102	1,689
Florida	9.566	19.965	6.799	161,122
Georgia	6.938	15.931	5.273	122,892
Hawaii	0.606	1.111	0.387	7,725
Idaho	1.215	2.251	0.763	17,994
Illinois	6.514	15.052	4.814	91,748
Indiana	2.249	4.886	1.562	34,028
Iowa	2.044	3.880	1.275	28,104
Kansas	2.489	5.000	1.501	33,317
Kentucky	5.742	11.839	3.676	85,088
Louisiana	1.546	3.051	1.048	22,151
Maine	0.232	0.437	0.149	3,511
Maryland	2.716	5.117	1.607	31,437
Massachusetts	4.748	9.040	2.913	54,123
Michigan	3.632	7.736	2.599	56,160
Minnesota	4.100	9.010	2.915	57,950
Mississippi	1.845	3.594	1.173	27,759
Missouri	2.688	5.697	1.747	39,397
Montana	0.195	0.360	0.124	2,927
Nebraska	2.600	4.903	1.629	35,449
Nevada	1.159	2.157	0.725	16,144
New Hampshire	0.286	0.550	0.172	3,342
New Jersey	4.139	8.619	2.679	50,218
New Mexico	1.448	2.541	0.874	20,520
New York	19.825	36.196	11.303	207,915
North Carolina	5.550	12.120	3.963	91,468
North Dakota	0.650	1.154	0.368	7,019
Ohio	5.653	12.791	4.105	89,155
Oklahoma	3.511	7.248	2.449	52,951
Oregon	2.240	4.479	1.438	31,247
Pennsylvania	5.036	11.331	3.568	70,774
Rhode Island	1.333	2.344	0.694	14,135
South Carolina	4.049	8.748	2.843	67,029
South Dakota	0.631	1.158	0.390	8,655
Tennessee	17.645	40.038	12.677	268,146
Texas	25.745	62.183	20.615	400,986
Utah	0.996	2.203	0.734	16,492
Vermont	0.250	0.446	0.148	3,458
Virginia	7.782	15.357	4.808	101,052
Washington	3.019	6.201	2.060	39,780
West Virginia	0.131	0.233	0.073	1,606
Wisconsin	2.737	5.624	1.889	40,614
Wyoming	0.073	0.119	0.040	857
<b>State Totals</b>	<b>207.769</b>	<b>439.364</b>	<b>142.537</b>	<b>2,974,423</b>
<b>Interstate Spillovers</b>		<b>161.436</b>	<b>50.177</b>	<b>1,043,900</b>
<b>U.S. Totals</b>	<b>207.769</b>	<b>600.800</b>	<b>192.714</b>	<b>4,018,323</b>

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.