

# Appendix F: Operating Impacts by State

## Appendix F-1

Impacts of Operations on State Economies (Office), 2016

State	Direct Spending (In Thousands of Dollars)	Total Output (In Thousands of Dollars)	Personal Earnings (In Thousands of Dollars)	Jobs Supported
Alabama	5,394	10,033	3,126	94
Alaska	752	1,254	398	10
Arizona	12,331	23,537	7,515	208
Arkansas	4,515	7,952	2,443	74
California	101,419	205,643	64,242	1,526
Colorado	19,721	40,848	12,844	342
Connecticut	164	285	86	2
Delaware	2,037	3,405	862	23
District of Columbia	28,797	35,134	3,464	87
Florida	31,196	59,748	19,122	553
Georgia	42,177	87,666	27,256	732
Hawaii	667	1,166	372	10
Idaho	2,929	4,867	1,545	48
Illinois	27,695	58,633	17,692	433
Indiana	7,915	15,250	4,596	128
Iowa	5,934	10,129	3,088	90
Kansas	12,695	23,090	6,459	179
Kentucky	8,450	15,899	4,617	136
Louisiana	3,673	6,850	2,146	60
Maine	1,406	2,435	777	23
Maryland	28,359	51,057	15,254	376
Massachusetts	21,513	39,062	11,729	275
Michigan	16,772	31,936	10,106	274
Minnesota	6,512	12,966	3,953	103
Mississippi	758	1,341	410	13
Missouri	10,183	19,414	5,546	157
Montana	1,238	2,126	675	21
Nebraska	2,267	3,880	1,197	35
Nevada	12,626	21,633	6,794	186
New Hampshire	258	447	129	3
New Jersey	3,957	7,674	2,230	54
New Mexico	3,034	5,175	1,618	49
New York	70,470	124,298	35,368	844
North Carolina	43,031	83,646	25,954	760
North Dakota	3,603	6,027	1,770	48
Ohio	23,515	47,847	14,513	374
Oklahoma	12,777	24,656	7,697	215
Oregon	24,684	44,730	13,520	383
Pennsylvania	8,227	16,621	4,944	120
Rhode Island	340	568	157	4
South Carolina	6,874	13,096	3,983	121
South Dakota	3,082	5,041	1,573	48
Tennessee	20,788	41,527	12,509	328
Texas	136,252	302,415	93,384	2,386
Utah	7,574	15,617	4,872	141
Vermont	19	32	10	0
Virginia	38,304	69,214	20,034	515
Washington	25,361	47,653	14,826	376
West Virginia	297	495	144	4
Wisconsin	19,740	35,995	11,327	320
Wyoming	268	416	128	4
<b>State Totals</b>	<b>872,546</b>	<b>1,690,432</b>	<b>509,007</b>	<b>13,294</b>
<b>Interstate Spillovers</b>		<b>611,162</b>	<b>150,682</b>	<b>3,819</b>
<b>U.S. Totals</b>	<b>872,546</b>	<b>2,301,594</b>	<b>659,688</b>	<b>17,113</b>

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

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

**Appendix F-2**  
Impacts of Operations on State Economies (**Industrial**), 2016

State	Direct Spending (In Thousands of Dollars)	Total Output (In Thousands of Dollars)	Personal Earnings (In Thousands of Dollars)	Jobs Supported
Alabama	2,566	4,772	1,487	45
Alaska	–	–	–	0
Arizona	255	487	155	4
Arkansas	934	1,644	505	15
California	3,989	8,089	2,527	60
Colorado	1,349	2,794	878	23
Connecticut	1,241	2,155	649	15
Delaware	6	9	2	0
District of Columbia	–	–	–	0
Florida	1,217	2,330	746	22
Georgia	435	904	281	8
Hawaii	–	–	–	0
Idaho	480	797	253	8
Illinois	1,232	2,608	787	19
Indiana	611	1,177	355	10
Iowa	1,749	2,986	910	27
Kansas	723	1,315	368	10
Kentucky	3,710	6,981	2,027	60
Louisiana	72	134	42	1
Maine	–	–	–	0
Maryland	296	534	159	4
Massachusetts	1,102	2,000	601	14
Michigan	3,257	6,201	1,962	53
Minnesota	2,367	4,713	1,437	37
Mississippi	341	603	184	6
Missouri	1,964	3,744	1,070	30
Montana	–	–	–	0
Nebraska	3,559	6,093	1,880	55
Nevada	101	173	54	1
New Hampshire	19	32	9	0
New Jersey	1,630	3,161	919	22
New Mexico	–	–	–	0
New York	2,488	4,389	1,249	30
North Carolina	183	357	111	3
North Dakota	–	–	–	0
Ohio	3,447	7,014	2,127	55
Oklahoma	319	616	192	5
Oregon	613	1,110	336	9
Pennsylvania	2,756	5,568	1,656	40
Rhode Island	80	133	37	1
South Carolina	5,642	10,750	3,270	99
South Dakota	439	719	224	7
Tennessee	4,963	9,914	2,986	78
Texas	6,338	14,068	4,344	111
Utah	–	–	–	0
Vermont	188	310	94	3
Virginia	151	273	79	2
Washington	2,439	4,582	1,426	36
West Virginia	627	1,045	304	8
Wisconsin	1,165	2,125	669	19
Wyoming	379	588	181	5
<b>State Totals</b>	<b>67,421</b>	<b>129,999</b>	<b>39,535</b>	<b>1,063</b>
<b>Interstate Spillovers</b>		<b>47,844</b>	<b>11,439</b>	<b>259</b>
<b>U.S. Totals</b>	<b>67,421</b>	<b>177,844</b>	<b>50,974</b>	<b>1,322</b>

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

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

**Appendix F-3**  
Impacts of Operations on State Economies (**Warehouse**), 2016

State	Direct Spending (In Thousands of Dollars)	Total Output (In Thousands of Dollars)	Personal Earnings (In Thousands of Dollars)	Jobs Supported
Alabama	7	14	4	0
Alaska	26	43	14	0
Arizona	5,561	10,615	3,389	94
Arkansas	1,221	2,151	661	20
California	16,490	33,436	10,445	248
Colorado	3,983	8,251	2,594	69
Connecticut	1,263	2,194	661	16
Delaware	6	11	3	0
District of Columbia	15	19	2	0
Florida	13,888	26,599	8,513	246
Georgia	5,020	10,434	3,244	87
Hawaii	88	155	49	1
Idaho	278	462	147	5
Illinois	13,549	28,685	8,656	212
Indiana	5,930	11,426	3,444	96
Iowa	1,037	1,770	540	16
Kansas	5,991	10,897	3,048	84
Kentucky	3,202	6,024	1,749	51
Louisiana	595	1,110	348	10
Maine	48	84	27	1
Maryland	1,560	2,809	839	21
Massachusetts	1,063	1,931	580	14
Michigan	1,083	2,062	653	18
Minnesota	1,571	3,127	953	25
Mississippi	14	26	8	0
Missouri	3,886	7,409	2,117	60
Montana	25	43	14	0
Nebraska	373	639	197	6
Nevada	4,317	7,398	2,323	64
New Hampshire	72	125	36	1
New Jersey	5,748	11,147	3,240	79
New Mexico	106	181	57	2
New York	4,291	7,569	2,154	51
North Carolina	2,475	4,811	1,493	44
North Dakota	665	1,112	327	9
Ohio	3,430	6,979	2,117	54
Oklahoma	2,308	4,453	1,390	39
Oregon	3,257	5,903	1,784	50
Pennsylvania	7,084	14,313	4,257	103
Rhode Island	8	13	4	0
South Carolina	664	1,264	385	12
South Dakota	178	291	91	3
Tennessee	1,161	2,319	698	18
Texas	23,398	51,931	16,036	410
Utah	1,039	2,143	668	19
Vermont	24	39	12	0
Virginia	1,983	3,583	1,037	27
Washington	1,834	3,445	1,072	27
West Virginia	76	127	37	1
Wisconsin	1,738	3,169	997	28
Wyoming	42	65	20	1
<b>State Totals</b>	<b>153,673</b>	<b>304,803</b>	<b>93,132</b>	<b>2,441</b>
<b>Interstate Spillovers</b>		<b>100,554</b>	<b>23,053</b>	<b>573</b>
<b>U.S. Totals</b>	<b>153,673</b>	<b>405,357</b>	<b>116,184</b>	<b>3,014</b>

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

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

## Appendix F-4

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

State	Direct Spending (In Thousands of Dollars)	Total Output (In Thousands of Dollars)	Personal Earnings (In Thousands of Dollars)	Jobs Supported
Alabama	2,719	5,058	1,576	48
Alaska	119	198	63	2
Arizona	7,872	15,026	4,797	133
Arkansas	2,200	3,875	1,191	36
California	20,260	41,080	12,833	305
Colorado	8,712	18,044	5,674	151
Connecticut	1,647	2,860	862	20
Delaware	1,191	1,992	504	13
District of Columbia	1,327	1,620	160	4
Florida	29,911	57,286	18,334	531
Georgia	14,488	30,114	9,363	252
Hawaii	1,553	2,715	866	24
Idaho	1,494	2,483	788	24
Illinois	10,968	23,221	7,007	172
Indiana	5,291	10,194	3,072	85
Iowa	5,004	8,541	2,604	76
Kansas	4,040	7,347	2,055	57
Kentucky	5,872	11,048	3,208	94
Louisiana	3,802	7,090	2,221	62
Maine	546	946	302	9
Maryland	7,008	12,617	3,769	93
Massachusetts	6,188	11,237	3,374	79
Michigan	9,560	18,205	5,761	156
Minnesota	7,006	13,951	4,253	111
Mississippi	2,037	3,603	1,101	34
Missouri	7,880	15,024	4,292	122
Montana	1,097	1,884	598	19
Nebraska	2,168	3,712	1,145	33
Nevada	2,411	4,130	1,297	36
New Hampshire	585	1,016	294	7
New Jersey	6,775	13,140	3,819	93
New Mexico	1,571	2,680	838	26
New York	10,610	18,715	5,325	127
North Carolina	10,901	21,190	6,575	193
North Dakota	404	676	198	5
Ohio	9,762	19,863	6,025	155
Oklahoma	4,573	8,825	2,755	77
Oregon	3,881	7,033	2,126	60
Pennsylvania	10,561	21,337	6,346	154
Rhode Island	158	264	73	2
South Carolina	6,998	13,333	4,055	123
South Dakota	694	1,136	354	11
Tennessee	10,824	21,623	6,514	171
Texas	42,185	93,631	28,913	739
Utah	3,270	6,743	2,104	61
Vermont	194	319	97	3
Virginia	15,103	27,290	7,899	203
Washington	4,545	8,540	2,657	67
West Virginia	499	831	242	7
Wisconsin	6,965	12,700	3,997	113
Wyoming	61	94	29	1
<b>State Totals</b>	<b>325,491</b>	<b>636,079</b>	<b>194,306</b>	<b>5,176</b>
<b>Interstate Spillovers</b>		<b>222,498</b>	<b>51,781</b>	<b>1,208</b>
<b>U.S. Totals</b>	<b>325,491</b>	<b>858,577</b>	<b>246,087</b>	<b>6,384</b>

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

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

**Appendix F-5**  
Impacts of Operations on State Economies (in Four Categories), 2016

State	Direct Spending (In Thousands of Dollars)	Total Output (In Thousands of Dollars)	Personal Earnings (In Thousands of Dollars)	Jobs Supported
Alabama	10,686	19,877	6,193	187
Alaska	897	1,495	475	12
Arizona	26,019	49,665	15,857	438
Arkansas	8,869	15,622	4,800	146
California	142,159	288,248	90,048	2,138
Colorado	33,764	69,937	21,991	585
Connecticut	4,315	7,495	2,258	53
Delaware	3,240	5,417	1,371	37
District of Columbia	30,140	36,773	3,626	91
Florida	76,213	145,964	46,714	1,352
Georgia	62,120	129,118	40,144	1,079
Hawaii	2,308	4,035	1,288	35
Idaho	5,181	8,608	2,732	85
Illinois	53,444	113,148	34,142	836
Indiana	19,748	38,047	11,467	319
Iowa	13,724	23,426	7,142	209
Kansas	23,449	42,650	11,931	330
Kentucky	21,234	39,952	11,602	341
Louisiana	8,142	15,183	4,756	133
Maine	2,001	3,465	1,106	33
Maryland	37,223	67,017	20,022	493
Massachusetts	29,866	54,230	16,284	382
Michigan	30,672	58,405	18,482	500
Minnesota	17,456	34,757	10,596	276
Mississippi	3,151	5,573	1,703	52
Missouri	23,912	45,591	13,025	369
Montana	2,361	4,053	1,286	40
Nebraska	8,367	14,324	4,420	128
Nevada	19,455	33,334	10,469	287
New Hampshire	934	1,621	469	12
New Jersey	18,110	35,122	10,209	248
New Mexico	4,711	8,036	2,513	77
New York	87,860	154,970	44,096	1,052
North Carolina	56,591	110,004	34,132	1,000
North Dakota	4,671	7,814	2,295	62
Ohio	40,153	81,703	24,782	638
Oklahoma	19,977	38,550	12,035	337
Oregon	32,435	58,776	17,765	503
Pennsylvania	28,627	57,838	17,203	417
Rhode Island	585	978	271	7
South Carolina	20,178	38,443	11,693	355
South Dakota	4,393	7,187	2,242	69
Tennessee	37,736	75,383	22,707	595
Texas	208,173	462,046	142,677	3,646
Utah	11,883	24,503	7,645	222
Vermont	426	700	213	6
Virginia	55,540	100,359	29,048	747
Washington	34,179	64,220	19,980	506
West Virginia	1,499	2,499	728	20
Wisconsin	29,608	53,989	16,990	479
Wyoming	750	1,163	359	10
<b>State Totals</b>	<b>1,419,132</b>	<b>2,761,315</b>	<b>835,979</b>	<b>21,975</b>
<b>Interstate Spillovers</b>		<b>982,057</b>	<b>236,955</b>	<b>5,859</b>
<b>U.S. Totals</b>	<b>1,419,132</b>	<b>3,743,372</b>	<b>1,072,934</b>	<b>27,833</b>

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

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