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# Economic Contributions of Recreational Fishing

Within U.S. States and Congressional Districts

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## **Introduction**

Recreational angling constitutes one of the largest components of outdoor recreation in the U.S., having generated over \$49 billion in retail sales in 2016 (USFWS, 2016), and contributed \$125 billion to the national economy (ASA, 2018). At the state level, anglers spent \$41.8 billion within the states where they live and \$7.9 billion beyond the borders of their home state. The spending by residents supported 802 thousand jobs worth \$38 billion in wages and income. These economic effects are also important at smaller scales. In this study we estimate the contributions that anglers make to their respective state economies based on their residence in each of the 435 U.S. congressional districts. Results are presented at the state level (Table 1) as well as the congressional district level (Table 2).

## **Interpretation**

These results report the economic contributions to the respective state economies from anglers who live within each congressional district. They do not represent the economic contributions that occur within any given district as a result of angler spending. For example, the presence or absence of a large manufacturing firm within a district is not reflected in the equipment spending by a district's residents. Such firms serve a market area well beyond the boundaries of any single district. Likewise, the presence or absence of a fishing destination within a congressional district does not determine the trip-related spending reported for a district. The trip expenditures made by anglers who live in one congressional district and fish in a different district within the state are counted as statewide spending. The results, therefore, show the total statewide spending by residents of each district as determined by the number of anglers who live in each district.

## **Data & Methods**

Economic contributions of recreational angling in 2011 for all 50 states were estimated as part of a previous study (ASA, 2013), based on data collected as part of the National Survey of Fishing, Hunting, and Wildlife-Associated Recreation – FHWAR (USFWS, 2011). This report utilizes that information, the more recent economic estimates across nine U.S. Census Divisions (USFWS, 2016; ASA 2018) and historical numbers of license anglers in each state (USFWS, 2018) to produce new state-level estimates.

We also present a further breakdown of the state-level data to estimate the statewide contributions made by anglers who are residents of each congressional district<sup>1</sup>.

## State-level Estimates

The 2016 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation (FHWAR) provides no participation or spending estimates for the fifty states, but it does provide numbers of anglers and estimates of spending in each of the nine U.S. Census Divisions in 2016. The U.S. Fish and Wildlife Service also publishes annually the number of licensed anglers in each of the fifty states as certified by the respective state fish and game agencies. The state-level numbers of anglers in this report are the result of extrapolating the 2011 state-level estimates to 2016 based on state-specific growth rates from 2011 to 2016 and controlling for the 2016 Census Division estimates. The specific step-wise approach is outlined below.

- The growth rate in USFWS certified numbers of anglers in each state from 2011 to 2016 was used to extrapolate the 2011 FHWAR numbers to 2016. The same growth rate was applied to the 2011 FHWAR estimates of total spending in each state. This step allows for variable growth rates across the individual states.
- The 2016 extrapolated numbers were summed across the states in each of the nine Census Divisions. The extrapolated totals for each Census Division were compared to the 2016 FHWAR Census Division estimates. Proportional adjustments were then made to the extrapolated state estimates to ensure that the sum of 2016 state-level extrapolated estimates in each Census Division match the Census Division estimates in the 2016 FHWAR. The same procedure was used to estimate total spending by anglers in each state.
- Neither the USFWS certified numbers of licensed anglers nor the FHWAR estimates include anglers below the age of sixteen. An additional adjustment was then made to the extrapolated numbers to include youth anglers below the age of sixteen. The adjustment assumes the ratio of youth anglers to anglers age sixteen and older has not changed since 2011.
- The numbers of resident anglers in each state was estimated by applying the ratio of resident to non-resident anglers in each state in the 2011 FHWAR to the extrapolated and adjusted 2016 state-level numbers of anglers. This step provides state-level variation in participation of non-resident anglers but assumes that the ratio of resident to non-resident anglers has not changed since 2011.
- The spending profile for residents in each state in the 2011 FHWAR was applied to the 2016 estimated total spending by residents to apportion total spending to individual spending categories (e.g., food, lodging, rods/reels, boats). The 2016 FHWAR provides detailed spending breakouts for each Census Division, however the use of regional profiles would likely result in

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<sup>1</sup> Seven states have only one congressional district. For these states, an additional set of results that includes both resident and non-resident activity are presented separately in Appendix A.

improper spending allocations for some individual states (e.g., ice fishing equipment in temperate states).

- Economic contributions from spending by resident anglers were estimated with state-specific IMPLAN economic models.

## **Congressional District-Level Estimates**

The estimates of anglers by congressional district are based, in part, on a dataset obtained from ESRI. This company uses detailed geographic, socioeconomic and lifestyle information in combination with third party sources of data to estimate numbers of adult freshwater and saltwater anglers in each congressional district. ESRI estimates of anglers by zip-code in 2018 were used in conjunction with a Zip-to-District crosswalk retrieved from the U.S. Department of Housing and Urban Development to estimate the share of state-level anglers living in each current congressional district. These percentages were then used to apportion the state-level estimates to corresponding districts<sup>2</sup>.

Note that this approach assumes the relative distribution of anglers across the districts has not changed appreciably between 2016 (the year estimated in this report) and 2018 (the year of ESRI data). This apportionment also relies on a simplifying assumption about geographic variability: the average spending per angler is the same for all districts in a given state.

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<sup>2</sup> USFWS reports separately the number of sportspersons aged 6 to 15 for each state. Those figures were used to include children in the estimates of total anglers residing in each congressional district.

## Results

Table 1 presents state-level results. For each state, the table shows the number of total anglers, including children, that reside in the state. The economic contributions shown for each state are based on the total fishing-related spending within the state by both the anglers who live there and the out-of-state anglers who visit.

Table 2 presents the results for each congressional district. For each district, the table shows the number of anglers, including children, that reside in the district. The economic contributions shown for each district are based on total fishing-related spending that occurs anywhere within the state by the anglers that live in the district.

**Table 1.** Economic Contributions of Recreational Fishing by State Residents & Non-residents, 2016

<i>State</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
Alabama	1,025,658	\$ 317,164,178	\$ 477,110,038	\$ 128,324,676	3,435	\$ 29,554,348	\$ 23,983,276
Alaska	462,024	\$ 942,977,816	\$1,462,626,460	\$ 470,961,645	12,689	\$126,134,066	\$ 67,872,991
Arizona	949,285	\$1,240,420,927	\$2,010,255,512	\$ 579,497,516	14,155	\$138,150,517	\$122,550,472
Arkansas	721,751	\$ 818,329,076	\$1,237,732,249	\$ 338,424,536	9,900	\$ 82,406,891	\$ 75,342,260
California	2,005,067	\$2,887,609,366	\$5,235,114,121	\$1,830,191,641	37,000	\$443,218,641	\$332,177,040
Colorado	1,125,337	\$1,241,550,015	\$2,127,553,419	\$ 648,093,872	13,526	\$156,894,891	\$111,355,865
Connecticut	352,689	\$ 383,140,616	\$ 608,516,455	\$ 207,731,346	4,725	\$ 56,025,273	\$ 53,973,763
Delaware	248,060	\$ 90,127,996	\$ 134,444,627	\$ 38,702,404	987	\$ 9,773,309	\$ 6,158,215
Florida	4,143,120	\$4,180,074,014	\$6,849,123,246	\$2,124,453,878	54,784	\$533,357,885	\$350,316,082
Georgia	1,698,179	\$1,436,455,662	\$2,342,128,676	\$ 635,388,629	14,257	\$150,518,364	\$108,341,580
Hawaii	219,096	\$ 471,180,263	\$ 734,471,952	\$ 198,487,617	5,064	\$ 46,180,352	\$ 50,130,482
Idaho	647,251	\$ 756,984,476	\$1,124,589,895	\$ 318,901,766	8,403	\$ 66,940,054	\$ 54,095,719
Illinois	2,305,174	\$ 957,705,470	\$1,335,378,791	\$ 439,243,471	9,209	\$108,124,922	\$ 82,230,343
Indiana	1,676,382	\$ 706,886,629	\$1,015,631,242	\$ 294,835,234	8,049	\$ 71,060,368	\$ 56,742,324
Iowa	781,530	\$ 364,000,567	\$ 529,883,768	\$ 159,847,131	3,716	\$ 31,902,411	\$ 27,230,752
Kansas	647,880	\$ 253,363,672	\$ 340,635,741	\$ 103,321,853	2,562	\$ 24,483,498	\$ 21,362,599
Kentucky	985,972	\$ 402,626,193	\$ 571,627,130	\$ 154,351,305	4,003	\$ 35,297,158	\$ 27,456,858
Louisiana	1,244,959	\$1,991,633,883	\$3,037,177,543	\$ 919,230,383	23,161	\$207,136,980	\$172,422,387
Maine	264,324	\$ 327,114,351	\$ 512,214,463	\$ 154,327,403	4,423	\$ 34,895,794	\$ 35,355,530
Maryland	744,236	\$ 490,659,928	\$ 767,388,039	\$ 238,130,705	5,085	\$ 57,862,163	\$ 46,274,584
Massachusetts	583,619	\$ 454,057,788	\$ 789,095,663	\$ 304,033,034	6,072	\$ 69,900,274	\$ 40,083,388
Michigan	2,716,156	\$2,354,719,958	\$3,680,469,527	\$1,175,076,819	27,979	\$279,578,597	\$251,873,947
Minnesota	1,853,983	\$2,562,484,302	\$4,154,106,603	\$1,250,710,589	26,794	\$313,185,238	\$271,206,272
Mississippi	959,765	\$ 389,581,109	\$ 559,380,576	\$ 139,476,883	3,878	\$ 32,077,620	\$ 34,549,447
Missouri	1,423,530	\$ 717,536,675	\$1,214,129,157	\$ 401,605,176	9,509	\$ 87,167,556	\$ 60,303,558

**Table 1 (continued).** Economic Contributions of Recreational Fishing by State Residents & Non-residents, 2016

<i>State</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
Montana	374,770	\$ 493,757,291	\$ 706,850,057	\$ 206,976,357	6,414	\$ 48,889,177	\$ 29,482,571
Nebraska	368,964	\$ 270,597,480	\$ 425,434,486	\$ 138,674,852	3,000	\$ 30,485,795	\$ 19,909,521
Nevada	192,173	\$ 187,187,124	\$ 282,709,256	\$ 79,085,200	1,756	\$ 20,268,774	\$ 18,790,956
New Hampshire	220,565	\$ 204,777,418	\$ 327,299,438	\$ 108,624,584	2,963	\$ 24,953,893	\$ 15,204,059
New Jersey	984,052	\$ 833,489,787	\$1,040,217,513	\$ 360,710,355	7,456	\$ 93,489,569	\$ 76,298,790
New Mexico	399,462	\$ 615,777,190	\$ 923,709,184	\$ 251,329,281	6,632	\$ 60,179,740	\$ 57,586,514
New York	2,204,951	\$1,916,590,633	\$3,005,291,066	\$1,081,170,562	20,029	\$249,057,491	\$217,112,370
North Carolina	2,231,783	\$1,358,873,793	\$2,313,820,086	\$ 715,239,100	19,540	\$165,199,470	\$110,757,569
North Dakota	138,216	\$ 98,717,510	\$ 151,969,275	\$ 49,497,972	1,374	\$ 11,469,313	\$ 8,598,673
Ohio	2,550,065	\$1,918,507,286	\$2,092,075,498	\$ 599,795,632	15,662	\$145,757,274	\$122,719,664
Oklahoma	1,377,763	\$1,778,533,721	\$2,212,312,917	\$ 610,662,196	15,432	\$148,216,301	\$ 99,623,056
Oregon	574,739	\$ 840,775,331	\$1,427,439,653	\$ 472,803,199	12,655	\$107,194,858	\$ 63,771,487
Pennsylvania	1,601,451	\$ 416,896,359	\$ 710,365,091	\$ 253,168,663	6,358	\$ 57,795,017	\$ 37,051,761
Rhode Island	399,491	\$ 326,207,529	\$ 517,819,352	\$ 180,329,801	5,087	\$ 42,205,382	\$ 37,148,323
South Carolina	963,440	\$ 690,433,499	\$1,059,146,734	\$ 308,639,932	8,824	\$ 74,147,126	\$ 65,556,673
South Dakota	403,254	\$ 410,676,536	\$ 533,644,214	\$ 136,901,865	3,685	\$ 32,575,381	\$ 22,890,132
Tennessee	1,861,889	\$ 742,490,050	\$1,187,704,342	\$ 373,425,914	7,669	\$ 85,360,244	\$ 61,284,984
Texas	4,092,996	\$4,134,919,635	\$6,881,147,182	\$2,165,209,942	46,593	\$539,208,347	\$416,980,551
Utah	578,264	\$ 625,143,398	\$1,086,531,997	\$ 341,539,543	7,562	\$ 77,093,405	\$ 50,309,908
Vermont	158,628	\$ 122,710,609	\$ 172,174,778	\$ 52,264,202	1,483	\$ 12,108,476	\$ 13,275,302
Virginia	990,904	\$ 998,488,398	\$1,296,074,740	\$ 419,780,143	9,785	\$ 99,811,691	\$ 71,842,644
Washington	944,635	\$1,504,031,794	\$2,392,004,531	\$ 699,853,648	15,207	\$189,179,042	\$171,619,916
West Virginia	468,630	\$ 344,182,563	\$ 500,047,369	\$ 145,919,579	4,840	\$ 33,276,137	\$ 34,773,527
Wisconsin	2,068,469	\$1,472,127,261	\$1,867,284,677	\$ 539,521,969	13,645	\$128,450,559	\$103,880,991
Wyoming	322,031	\$ 594,446,353	\$ 853,247,922	\$ 221,966,430	7,689	\$ 71,265,008	\$117,197,468



**Table 2.** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Alabama</u>							
1 Bradley Byrne	113,078	\$38,129,440	\$56,770,961	\$14,729,916	385	\$3,414,728	\$2,810,536
2 Martha Roby	111,822	\$37,706,044	\$56,140,567	\$14,566,353	381	\$3,376,810	\$2,779,327
3 Mike Rogers	119,363	\$40,248,577	\$59,926,146	\$15,548,567	406	\$3,604,510	\$2,966,738
4 Robert Aderholt	122,850	\$41,424,372	\$61,676,789	\$16,002,793	418	\$3,709,810	\$3,053,406
5 Mo Brooks	112,843	\$38,050,015	\$56,652,706	\$14,699,233	384	\$3,407,615	\$2,804,681
6 Gary Palmer	108,494	\$36,583,644	\$54,469,424	\$14,132,754	369	\$3,276,292	\$2,696,594
7 Terri A. Sewell	88,132	\$29,717,887	\$44,246,992	\$11,480,420	300	\$2,661,421	\$2,190,517
<u>Alaska</u>							
0 Don Young	202,022	\$473,571,321	\$708,749,376	\$210,119,364	5,356	\$60,966,758	\$40,060,563
<u>Arizona</u>							
1 Tom O'Halleran	90,684	\$127,370,078	\$208,922,488	\$60,027,646	1,466	\$14,381,235	\$12,842,999
2 Ann Kirkpatrick	96,130	\$135,018,923	\$221,468,729	\$63,632,434	1,554	\$15,244,859	\$13,614,249
3 Raul Grijalva	76,537	\$107,499,131	\$176,328,588	\$50,662,761	1,237	\$12,137,625	\$10,839,369
4 Paul A. Gosar	119,235	\$167,470,143	\$274,697,790	\$78,926,218	1,927	\$18,908,895	\$16,886,375
5 Andy Biggs	104,131	\$146,255,714	\$239,900,204	\$68,928,169	1,683	\$16,513,594	\$14,747,278
6 David Schweikert	90,451	\$127,042,217	\$208,384,704	\$59,873,130	1,462	\$14,344,216	\$12,809,940
7 Ruben Gallego	59,695	\$ 83,843,772	\$137,527,193	\$39,514,338	965	\$ 9,466,721	\$ 8,454,148
8 Debbie Lesko	96,642	\$135,737,676	\$222,647,685	\$63,971,172	1,562	\$15,326,013	\$13,686,722
9 Greg Stanton	91,583	\$128,632,616	\$210,993,404	\$60,622,662	1,480	\$14,523,787	\$12,970,304
<u>Arkansas</u>							
1 Rick Crawford	154,436	\$178,120,338	\$269,758,078	\$74,170,905	2,188	\$18,083,550	\$16,594,242
2 French Hill	144,559	\$166,729,429	\$252,506,877	\$69,427,628	2,048	\$16,927,095	\$15,533,029
3 Steve Womack	155,414	\$179,248,458	\$271,466,583	\$74,640,664	2,202	\$18,198,082	\$16,699,341

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Arkansas</u>							
4 Bruce Westerman	158,899	\$183,268,249	\$277,554,439	\$76,314,541	2,252	\$18,606,188	\$17,073,837
<u>California</u>							
1 Doug LaMalfa	57,766	\$85,065,618	\$154,108,606	\$53,856,947	1,088	\$13,048,958	\$9,793,506
2 Jared Huffman	45,257	\$66,644,462	\$120,736,032	\$42,194,101	852	\$10,223,176	\$7,672,700
3 John Garamendi	49,532	\$72,941,003	\$132,143,123	\$46,180,582	932	\$11,189,057	\$8,397,614
4 Tom McClintock	57,225	\$84,269,119	\$152,665,633	\$53,352,666	1,077	\$12,926,776	\$9,701,806
5 Mike Thompson	44,383	\$65,358,059	\$118,405,527	\$41,379,650	835	\$10,025,843	\$7,524,598
6 Doris O. Matsui	38,242	\$56,314,669	\$102,022,126	\$35,654,078	720	\$ 8,638,599	\$6,483,443
7 Ami Bera	48,084	\$70,807,729	\$128,278,390	\$44,829,959	905	\$10,861,816	\$8,152,012
8 Paul Cook	50,964	\$75,048,739	\$135,961,589	\$47,515,037	959	\$11,512,381	\$8,640,275
9 Jerry McNerney	46,494	\$68,465,989	\$124,035,990	\$43,347,350	875	\$10,502,596	\$7,882,410
10 Josh Harder	40,522	\$59,672,760	\$108,105,791	\$37,780,160	763	\$ 9,153,726	\$6,870,056
11 Mark DeSaulnier	34,091	\$50,202,735	\$ 90,949,478	\$31,784,475	642	\$ 7,701,036	\$5,779,783
12 Nancy Pelosi	31,812	\$46,846,398	\$ 84,868,991	\$29,659,503	599	\$ 7,186,178	\$5,393,372
13 Barbara Lee	32,360	\$47,652,666	\$ 86,329,661	\$30,169,970	609	\$ 7,309,859	\$5,486,196
14 Jackie Speier	30,273	\$44,579,666	\$ 80,762,480	\$28,224,385	570	\$ 6,838,464	\$5,132,406
15 Eric Swalwell	37,645	\$55,435,308	\$100,429,036	\$35,097,334	709	\$ 8,503,706	\$6,382,203
16 Jim Costa	38,519	\$56,723,083	\$102,762,026	\$35,912,654	725	\$ 8,701,249	\$6,530,463
17 Ro Khanna	29,665	\$43,684,226	\$ 79,140,260	\$27,657,461	558	\$ 6,701,105	\$5,029,315
18 Anna G. Eshoo	39,009	\$57,443,771	\$104,067,657	\$36,368,938	734	\$ 8,811,802	\$6,613,435
19 Zoe Lofgren	30,230	\$44,517,158	\$ 80,649,238	\$28,184,810	569	\$ 6,828,876	\$5,125,209

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>California</u>							
20 Jimmy Panetta	33,990	\$50,054,029	\$ 90,680,075	\$31,690,326	640	\$ 7,678,225	\$5,762,663
21 TJ Cox	40,526	\$59,678,813	\$108,116,757	\$37,783,993	763	\$ 9,154,654	\$6,870,753
22 Devin Nunes	35,117	\$51,713,750	\$ 93,686,899	\$32,741,133	661	\$ 7,932,824	\$5,953,744
23 Kevin McCarthy	39,196	\$57,719,975	\$104,568,039	\$36,543,808	738	\$ 8,854,171	\$6,645,234
24 Salud Carbajal	46,849	\$68,988,792	\$124,983,124	\$43,678,349	882	\$10,582,793	\$7,942,600
25 Katie Hill	35,266	\$51,932,774	\$ 94,083,692	\$32,879,802	664	\$ 7,966,422	\$5,978,960
26 Julia Brownley	34,818	\$51,273,131	\$ 92,888,654	\$32,462,167	655	\$ 7,865,233	\$5,903,016
27 Judy Chu	35,736	\$52,624,644	\$ 95,337,115	\$33,317,840	673	\$ 8,072,554	\$6,058,615
28 Adam Schiff	35,586	\$52,403,560	\$ 94,936,588	\$33,177,867	670	\$ 8,038,640	\$6,033,161
29 Tony Cárdenas	18,920	\$27,862,262	\$ 50,476,497	\$17,640,222	356	\$ 4,274,036	\$3,207,750
30 Brad Sherman	31,604	\$46,540,058	\$ 84,314,011	\$29,465,553	595	\$ 7,139,186	\$5,358,103
31 Pete Aguilar	28,087	\$41,361,668	\$ 74,932,613	\$26,186,998	529	\$ 6,344,827	\$4,761,921
32 Grace Napolitano	21,885	\$32,228,452	\$ 58,386,478	\$20,404,554	412	\$ 4,943,804	\$3,710,424
33 Ted Lieu	34,136	\$50,268,387	\$ 91,068,415	\$31,826,041	642	\$ 7,711,107	\$5,787,341
34 Jimmy Gomez	23,647	\$34,823,340	\$ 63,087,491	\$22,047,436	445	\$ 5,341,856	\$4,009,171
35 Norma Torres	27,124	\$39,942,939	\$ 72,362,381	\$25,288,769	510	\$ 6,127,196	\$4,598,584
36 Raul Ruiz	44,863	\$66,065,414	\$119,687,003	\$41,827,493	844	\$10,134,351	\$7,606,035
37 Karen Bass	27,477	\$40,463,220	\$ 73,304,944	\$25,618,170	517	\$ 6,207,007	\$4,658,484
38 Linda Sánchez	23,711	\$34,916,940	\$ 63,257,061	\$22,106,696	446	\$ 5,356,214	\$4,019,947
39 Gilbert Ray Cisneros Jr.	31,775	\$46,792,541	\$ 84,771,420	\$29,625,405	598	\$ 7,177,916	\$5,387,171

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>California</u>							
40 Lucille Roybal-Allard	16,691	\$24,578,991	\$ 44,528,379	\$15,561,509	314	\$ 3,770,386	\$2,829,751
41 Mark Takano	30,323	\$44,653,871	\$ 80,896,912	\$28,271,365	571	\$ 6,849,847	\$5,140,949
42 Ken Calvert	56,270	\$82,862,128	\$150,116,667	\$52,461,868	1,059	\$12,710,945	\$9,539,821
43 Maxine Waters	23,817	\$35,073,592	\$ 63,540,858	\$22,205,876	448	\$ 5,380,245	\$4,037,982
44 Nanette Barragán	20,495	\$30,181,301	\$ 54,677,770	\$19,108,458	386	\$ 4,629,773	\$3,474,738
45 Katie Porter	44,961	\$66,209,489	\$119,948,016	\$41,918,710	846	\$10,156,452	\$7,622,622
46 J. Luis Correa	22,488	\$33,115,985	\$ 59,994,372	\$20,966,472	423	\$ 5,079,950	\$3,812,605
47 Alan Lowenthal	27,850	\$41,011,488	\$ 74,298,212	\$25,965,291	524	\$ 6,291,110	\$4,721,605
48 Harley Rouda	32,466	\$47,809,357	\$ 86,613,529	\$30,269,174	611	\$ 7,333,895	\$5,504,236
49 Mike Levin	36,849	\$54,263,766	\$ 98,306,620	\$34,355,605	694	\$ 8,323,993	\$6,247,325
50 Duncan D. Hunter	37,263	\$54,872,706	\$ 99,409,802	\$34,741,139	701	\$ 8,417,404	\$6,317,431
51 Juan Vargas	29,104	\$42,857,940	\$ 77,643,325	\$27,134,321	548	\$ 6,574,354	\$4,934,185
52 Scott Peters	46,573	\$68,582,402	\$124,246,888	\$43,421,054	877	\$10,520,453	\$7,895,813
53 Susan Davis	35,599	\$52,423,461	\$ 94,972,643	\$33,190,467	670	\$ 8,041,692	\$6,035,453
<u>Colorado</u>							
1 Diana DeGette	115,774	\$129,853,177	\$219,331,587	\$65,178,713	1,349	\$15,828,175	\$11,347,496
2 Joe Neguse	144,891	\$162,511,912	\$274,494,598	\$81,571,491	1,688	\$19,809,041	\$14,201,449
3 Scott Tipton	142,762	\$160,122,999	\$270,459,548	\$80,372,396	1,663	\$19,517,850	\$13,992,689
4 Ken Buck	137,481	\$154,200,009	\$260,455,180	\$77,399,401	1,602	\$18,795,879	\$13,475,095
5 Doug Lamborn	139,663	\$156,647,532	\$264,589,227	\$78,627,915	1,627	\$19,094,215	\$13,688,977
6 Jason Crow	118,952	\$133,418,608	\$225,353,864	\$66,968,351	1,386	\$16,262,775	\$11,659,069

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Colorado</u>							
7 Ed Perlmutter	120,351	\$134,987,006	\$228,003,002	\$67,755,595	1,402	\$16,453,952	\$11,796,126
<u>Connecticut</u>							
1 John B. Larson	60,705	\$71,833,186	\$113,900,960	\$38,640,883	877	\$10,437,289	\$10,226,248
2 Joe Courtney	70,755	\$83,724,666	\$132,756,464	\$45,037,610	1,022	\$12,165,108	\$11,919,131
3 Rosa L. DeLauro	62,911	\$74,443,142	\$118,039,389	\$40,044,845	909	\$10,816,513	\$10,597,804
4 Jim Himes	48,384	\$57,252,753	\$90,781,766	\$30,797,700	699	\$8,318,766	\$8,150,562
5 Jahana Hayes	60,458	\$71,540,929	\$113,437,549	\$38,483,671	873	\$10,394,824	\$10,184,642
<u>Delaware</u>							
0 Lisa Blunt Rochester	134,951	\$30,959,004	\$47,348,837	\$15,617,246	351	\$3,378,357	\$1,799,046
<u>Florida</u>							
1 Matt Gaetz	118,301	\$143,845,195	\$228,642,218	\$70,375,612	1,817	\$17,676,143	\$11,436,792
2 Neal Dunn	124,698	\$151,623,760	\$241,006,261	\$74,181,240	1,915	\$18,631,997	\$12,055,247
3 Ted Yoho	118,829	\$144,487,459	\$229,663,098	\$70,689,837	1,825	\$17,755,067	\$11,487,856
4 John Rutherford	116,722	\$141,924,833	\$225,589,798	\$69,436,083	1,792	\$17,440,163	\$11,284,108
5 Al Lawson	99,818	\$121,371,657	\$192,920,485	\$59,380,535	1,533	\$14,914,525	\$9,649,974
6 Michael Waltz	125,810	\$152,975,595	\$243,155,006	\$74,842,619	1,932	\$18,798,115	\$12,162,728
7 Stephanie Murphy	103,017	\$125,261,523	\$199,103,436	\$61,283,635	1,582	\$15,392,524	\$9,959,248
8 Bill Posey	117,147	\$142,442,560	\$226,412,727	\$69,689,379	1,799	\$17,503,783	\$11,325,271
9 Darren Soto	109,227	\$132,811,644	\$211,104,368	\$64,977,497	1,677	\$16,320,306	\$10,559,540
10 Val Demings	95,429	\$116,034,601	\$184,437,225	\$56,769,405	1,465	\$14,258,691	\$9,225,637
11 Daniel Webster	127,131	\$154,582,350	\$245,708,946	\$75,628,716	1,952	\$18,995,558	\$12,290,477
12 Gus M. Bilirakis	121,010	\$147,139,722	\$233,878,875	\$71,987,444	1,858	\$18,080,985	\$11,698,732
13 Charlie Crist	104,740	\$127,355,746	\$202,432,206	\$62,308,223	1,608	\$15,649,868	\$10,125,754

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Florida</u>							
14 Kathy Castor	96,529	\$117,372,494	\$186,563,809	\$57,423,963	1,482	\$14,423,096	\$ 9,332,010
15 Ross Spano	113,121	\$137,547,193	\$218,631,531	\$67,294,343	1,737	\$16,902,225	\$10,936,052
16 Vern Buchanan	118,042	\$143,529,981	\$228,141,184	\$70,221,395	1,813	\$17,637,409	\$11,411,730
17 W. Gregory Steube	124,289	\$151,126,133	\$240,215,283	\$73,937,778	1,909	\$18,570,847	\$12,015,682
18 Brian Mast	106,884	\$129,963,580	\$206,577,363	\$63,584,094	1,641	\$15,970,327	\$10,333,097
19 Francis Rooney	117,284	\$142,609,108	\$226,677,454	\$69,770,862	1,801	\$17,524,249	\$11,338,513
20 Alcee L. Hastings	76,386	\$ 92,880,174	\$147,633,218	\$45,441,206	1,173	\$11,413,403	\$ 7,384,683
21 Lois Frankel	93,066	\$113,160,915	\$179,869,495	\$55,363,467	1,429	\$13,905,564	\$ 8,997,157
22 Ted Deutch	96,442	\$117,267,037	\$186,396,184	\$57,372,368	1,481	\$14,410,137	\$ 9,323,625
23 Debbie Wasserman Schultz	100,615	\$122,340,847	\$194,461,014	\$59,854,707	1,545	\$15,033,622	\$ 9,727,032
24 Frederica Wilson	66,289	\$ 80,602,868	\$128,118,415	\$39,434,589	1,018	\$ 9,904,730	\$ 6,408,544
25 Mario Diaz-Balart	72,314	\$ 87,928,617	\$139,762,708	\$43,018,679	1,110	\$10,804,941	\$ 6,990,997
26 Debbie Mucarsel-Powell	84,417	\$102,645,499	\$163,155,221	\$50,218,847	1,296	\$12,613,397	\$ 8,161,101
27 Donna E. Shalala	71,583	\$ 87,039,405	\$138,349,303	\$42,583,636	1,099	\$10,695,672	\$ 6,920,297
<u>Georgia</u>							
1 Buddy Carter	117,616	\$88,146,138	\$141,938,228	\$37,972,576	862	\$9,052,823	\$6,520,312
2 Sanford D. Bishop Jr.	98,939	\$74,149,492	\$119,399,984	\$31,942,945	725	\$7,615,334	\$5,484,957
3 A. Drew Ferguson	124,017	\$92,943,897	\$149,663,869	\$40,039,408	909	\$9,545,565	\$6,875,210
4 Henry C. "Hank" Johnson Jr.	94,191	\$70,591,101	\$113,670,048	\$30,410,021	690	\$7,249,878	\$5,221,737
5 John Lewis	87,791	\$65,794,536	\$105,946,331	\$28,343,704	644	\$6,757,259	\$4,866,928
6 Lucy McBath	95,089	\$71,264,076	\$114,753,713	\$30,699,933	697	\$7,318,994	\$5,271,518

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Georgia</u>							
7 Robert Woodall	115,912	\$ 86,869,400	\$139,882,347	\$37,422,568	850	\$ 8,921,699	\$6,425,869
8 Austin Scott	119,307	\$ 89,413,628	\$143,979,216	\$38,518,599	875	\$ 9,182,998	\$6,614,070
9 Doug Collins	136,767	\$102,499,154	\$165,050,320	\$44,155,728	1,003	\$10,526,913	\$7,582,027
10 Jody Hice	129,695	\$ 97,198,717	\$156,515,237	\$41,872,347	951	\$ 9,982,545	\$7,189,946
11 Barry Loudermilk	113,962	\$ 85,407,964	\$137,529,055	\$36,792,995	835	\$ 8,771,606	\$6,317,765
12 Rick Allen	121,300	\$ 90,907,455	\$146,384,667	\$39,162,127	889	\$ 9,336,417	\$6,724,571
13 David Scott	102,860	\$ 77,087,740	\$124,131,329	\$33,208,716	754	\$ 7,917,099	\$5,702,304
14 Tom Graves	117,023	\$ 87,702,120	\$141,223,244	\$37,781,297	858	\$ 9,007,222	\$6,487,467
<u>Hawaii</u>							
1 Ed Case	71,614	\$197,260,269	\$306,910,874	\$81,420,376	2,072	\$18,966,467	\$21,207,257
2 Tulsi Gabbard	82,031	\$225,954,082	\$351,554,650	\$93,263,923	2,373	\$21,725,361	\$24,292,101
<u>Idaho</u>							
1 Russ Fulcher	232,139	\$214,721,231	\$326,060,957	\$87,165,154	2,232	\$18,570,117	\$14,973,213
2 Mike Simpson	195,199	\$180,552,569	\$274,174,766	\$73,294,533	1,877	\$15,615,048	\$12,590,521
<u>Illinois</u>							
1 Bobby L. Rush	108,469	\$37,900,971	\$49,906,247	\$16,705,171	366	\$4,140,347	\$3,229,661
2 Robin Kelly	105,342	\$36,808,305	\$48,467,475	\$16,223,569	355	\$4,020,983	\$3,136,552
3 Daniel Lipinski	106,640	\$37,261,824	\$49,064,648	\$16,423,462	359	\$4,070,526	\$3,175,197
4 Jesús "Chuy" García	66,717	\$23,312,223	\$30,696,458	\$10,275,058	225	\$2,546,655	\$1,986,508
5 Mike Quigley	100,320	\$35,053,492	\$46,156,818	\$15,450,121	338	\$3,829,285	\$2,987,018
6 Sean Casten	129,773	\$45,344,676	\$59,707,773	\$19,986,046	438	\$4,953,507	\$3,863,963
7 Danny K. Davis	89,288	\$31,198,707	\$41,081,015	\$13,751,092	301	\$3,408,184	\$2,658,540
8 Raja Krishnamoorthi	96,961	\$33,879,835	\$44,611,401	\$14,932,821	327	\$3,701,074	\$2,887,007

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Illinois</u>							
9 Jan Schakowsky	100,389	\$35,077,640	\$46,188,615	\$15,460,764	338	\$3,831,923	\$2,989,076
10 Bradley Schneider	100,576	\$35,143,072	\$46,274,773	\$15,489,604	339	\$3,839,071	\$2,994,652
11 Bill Foster	102,697	\$35,883,917	\$47,250,284	\$15,816,138	346	\$3,920,002	\$3,057,782
12 Mike Bost	141,186	\$49,332,899	\$64,959,281	\$21,743,889	476	\$5,389,185	\$4,203,812
13 Rodney Davis	142,306	\$49,723,995	\$65,474,259	\$21,916,268	480	\$5,431,909	\$4,237,138
14 Lauren Underwood	147,293	\$51,466,595	\$67,768,833	\$22,684,333	497	\$5,622,272	\$4,385,631
15 John Shimkus	168,570	\$58,901,251	\$77,558,445	\$25,961,220	568	\$6,434,443	\$5,019,161
16 Adam Kinzinger	154,777	\$54,081,621	\$71,212,179	\$23,836,928	522	\$5,907,941	\$4,608,465
17 Cheri Bustos	133,265	\$46,565,113	\$61,314,789	\$20,523,964	449	\$5,086,829	\$3,967,960
18 Darin LaHood	161,015	\$56,261,122	\$74,082,046	\$24,797,562	543	\$6,146,032	\$4,794,187
<u>Indiana</u>							
1 Peter Visclosky	152,832	\$59,230,342	\$ 83,721,342	\$23,975,497	637	\$5,755,310	\$4,554,717
2 Jackie Walorski	167,061	\$64,744,885	\$ 91,516,079	\$26,207,696	696	\$6,291,149	\$4,978,777
3 Jim Banks	172,509	\$66,856,155	\$ 94,500,333	\$27,062,305	719	\$6,496,297	\$5,141,130
4 James Baird	186,436	\$72,253,497	\$102,129,408	\$29,247,063	777	\$7,020,748	\$5,556,177
5 Susan W. Brooks	170,258	\$65,983,582	\$ 93,266,962	\$26,709,101	710	\$6,411,511	\$5,074,031
6 Greg Pence	181,898	\$70,494,707	\$ 99,643,380	\$28,535,132	758	\$6,849,849	\$5,420,929
7 André Carson	145,412	\$56,354,766	\$ 79,656,752	\$22,811,510	606	\$5,475,895	\$4,333,590
8 Larry Bucshon	179,589	\$69,600,103	\$ 98,378,869	\$28,173,011	748	\$6,762,922	\$5,352,135
9 Trey Hollingsworth	185,329	\$71,824,415	\$101,522,906	\$29,073,377	772	\$6,979,055	\$5,523,181
<u>Iowa</u>							
1 Abby Finkenauer	175,738	\$85,154,978	\$127,956,849	\$38,400,834	893	\$7,700,076	\$6,566,307



**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Iowa</u>							
2 David Loeb sack	175,958	\$85,261,615	\$128,117,086	\$38,448,923	895	\$7,709,718	\$6,574,530
3 Cynthia Axne	170,870	\$82,796,390	\$124,412,752	\$37,337,223	869	\$7,486,802	\$6,384,436
4 Steve King	186,489	\$90,364,430	\$135,784,754	\$40,750,049	948	\$8,171,137	\$6,968,008
<u>Kansas</u>							
1 Roger Marshall	163,056	\$65,633,715	\$87,625,890	\$26,637,025	659	\$6,315,058	\$5,528,209
2 Steven Watkins	162,466	\$65,396,099	\$87,308,656	\$26,540,590	657	\$6,292,196	\$5,508,195
3 Sharice Davids	134,693	\$54,216,918	\$72,383,617	\$22,003,590	545	\$5,216,572	\$4,566,593
4 Ron Estes	145,933	\$58,741,473	\$78,424,235	\$23,839,852	590	\$5,651,909	\$4,947,688
<u>Kentucky</u>							
1 James Comer	150,310	\$63,491,162	\$89,584,316	\$24,516,972	624	\$5,487,055	\$4,261,175
2 S. Brett Guthrie	146,885	\$62,044,440	\$87,543,031	\$23,958,323	610	\$5,362,026	\$4,164,079
3 John A. Yarmuth	112,055	\$47,332,057	\$66,784,256	\$18,277,169	465	\$4,090,548	\$3,176,666
4 Thomas Massie	143,258	\$60,512,200	\$85,381,082	\$23,366,652	595	\$5,229,607	\$4,061,244
5 Harold Rogers	154,297	\$65,175,219	\$91,960,476	\$25,167,267	641	\$5,632,596	\$4,374,200
6 Andy Barr	137,328	\$58,007,630	\$81,847,201	\$22,399,518	570	\$5,013,156	\$3,893,151
<u>Louisiana</u>							
1 Steve Scalise	182,723	\$255,152,300	\$383,420,031	\$114,888,558	2,741	\$25,817,343	\$21,736,076
2 Cedric Richmond	144,246	\$201,422,896	\$302,680,294	\$90,695,581	2,163	\$20,380,784	\$17,158,941
3 Clay Higgins	190,873	\$266,532,911	\$400,521,794	\$120,012,956	2,863	\$26,968,879	\$22,705,574
4 Mike Johnson	178,134	\$248,743,398	\$373,789,307	\$112,002,793	2,672	\$25,168,864	\$21,190,110
5 Ralph Abraham	181,459	\$253,386,883	\$380,767,122	\$114,093,636	2,722	\$25,638,711	\$21,585,682
6 Garret Graves	182,915	\$255,419,860	\$383,822,097	\$115,009,033	2,743	\$25,844,416	\$21,758,869
<u>Maine</u>							
1 Chellie Pingree	80,601	\$76,833,018	\$117,591,855	\$34,520,138	979	\$7,805,669	\$7,852,639

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Maine</u>							
2 Jared Golden	86,330	\$82,293,945	\$125,949,727	\$36,973,665	1,048	\$8,360,460	\$8,410,768
<u>Maryland</u>							
1 Andy Harris	98,156	\$69,204,633	\$107,818,745	\$33,132,603	695	\$8,062,686	\$6,413,231
2 C. A. Dutch Ruppersberger	83,418	\$58,813,652	\$ 91,629,908	\$28,157,788	590	\$6,852,085	\$5,450,293
3 John P. Sarbanes	78,796	\$55,554,956	\$ 86,552,957	\$26,597,645	558	\$6,472,430	\$5,148,308
4 Anthony Brown	71,089	\$50,121,315	\$ 78,087,508	\$23,996,221	503	\$5,839,384	\$4,644,769
5 Steny H. Hoyer	81,586	\$57,521,923	\$ 89,617,433	\$27,539,356	577	\$6,701,592	\$5,330,588
6 David Trone	87,533	\$61,715,069	\$ 96,150,229	\$29,546,879	619	\$7,190,115	\$5,719,169
7 Elijah Cummings	68,863	\$48,551,683	\$ 75,642,067	\$23,244,739	487	\$5,656,514	\$4,499,311
8 Jamie Raskin	71,998	\$50,761,893	\$ 79,085,509	\$24,302,905	509	\$5,914,015	\$4,704,132
<u>Massachusetts</u>							
1 Richard E. Neal	56,629	\$46,713,010	\$81,328,025	\$31,395,288	632	\$7,215,950	\$4,123,325
2 James McGovern	58,375	\$48,153,385	\$83,835,739	\$32,363,348	652	\$7,438,450	\$4,250,466
3 Lori Trahan	49,315	\$40,679,880	\$70,824,258	\$27,340,489	551	\$6,283,987	\$3,590,785
4 Joseph P. Kennedy III	50,936	\$42,016,434	\$73,151,218	\$28,238,772	569	\$6,490,450	\$3,708,762
5 Katherine Clark	44,538	\$36,738,874	\$63,962,910	\$24,691,783	497	\$5,675,204	\$3,242,915
6 Seth Moulton	49,125	\$40,523,203	\$70,551,481	\$27,235,188	548	\$6,259,785	\$3,576,955
7 Ayanna Pressley	44,792	\$36,949,013	\$64,328,765	\$24,833,016	500	\$5,707,665	\$3,261,464
8 Stephen F. Lynch	46,555	\$38,402,604	\$66,859,488	\$25,809,958	520	\$5,932,207	\$3,389,772
9 William Keating	60,621	\$50,005,794	\$87,060,810	\$33,608,331	677	\$7,724,599	\$4,413,977
<u>Michigan</u>							
1 Jack Bergman	212,787	\$192,549,553	\$299,276,628	\$95,914,341	2,207	\$22,669,687	\$19,841,370
2 Bill Huizenga	173,063	\$156,603,026	\$243,405,527	\$78,008,366	1,795	\$18,437,548	\$16,137,241

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Michigan</u>							
3 Justin Amash	160,306	\$145,059,743	\$225,463,991	\$72,258,333	1,663	\$17,078,508	\$14,947,758
4 John Moolenaar	194,712	\$176,193,576	\$273,854,800	\$87,766,969	2,020	\$20,744,028	\$18,155,960
5 Daniel Kildee	151,309	\$136,918,687	\$212,810,480	\$68,203,044	1,569	\$16,120,026	\$14,108,858
6 Fred Upton	174,162	\$157,598,323	\$244,952,502	\$78,504,152	1,806	\$18,554,729	\$16,239,802
7 Tim Walberg	171,277	\$154,987,549	\$240,894,618	\$77,203,652	1,776	\$18,247,351	\$15,970,774
8 Elissa Slotkin	163,746	\$148,172,599	\$230,302,253	\$73,808,934	1,698	\$17,444,998	\$15,268,523
9 Andy Levin	157,904	\$142,886,438	\$222,086,059	\$71,175,748	1,638	\$16,822,635	\$14,723,808
10 Paul Mitchell	174,183	\$157,616,583	\$244,980,883	\$78,513,248	1,807	\$18,556,879	\$16,241,684
11 Haley Stevens	153,785	\$139,159,349	\$216,293,106	\$69,319,181	1,595	\$16,383,829	\$14,339,748
12 Debbie Dingell	155,991	\$141,155,478	\$219,395,656	\$70,313,509	1,618	\$16,618,842	\$14,545,441
13 Rashida Tlaib	108,847	\$ 98,495,223	\$153,089,517	\$49,063,237	1,129	\$11,596,266	\$10,149,492
14 Brenda Lawrence	106,100	\$ 96,009,190	\$149,225,517	\$47,824,874	1,100	\$11,303,575	\$ 9,893,317
<u>Minnesota</u>							
1 Jim Hagedorn	207,259	\$287,297,163	\$460,700,925	\$136,674,047	2,902	\$34,381,498	\$29,512,184
2 Angie Craig	185,310	\$256,871,064	\$411,910,566	\$122,199,633	2,595	\$30,740,338	\$26,386,707
3 Dean Phillips	180,593	\$250,333,602	\$401,427,292	\$119,089,608	2,529	\$29,957,985	\$25,715,156
4 Betty McCollum	173,230	\$240,127,266	\$385,060,725	\$114,234,213	2,426	\$28,736,570	\$24,666,725
5 Ilhan Omar	167,983	\$232,853,408	\$373,396,588	\$110,773,867	2,352	\$27,866,091	\$23,919,528
6 Tom Emmer	195,070	\$270,399,864	\$433,604,934	\$128,635,603	2,732	\$32,359,360	\$27,776,433
7 Collin C. Peterson	231,278	\$320,590,675	\$514,089,381	\$152,512,557	3,239	\$38,365,807	\$32,932,211
8 Pete Stauber	234,438	\$324,970,645	\$521,112,967	\$154,596,212	3,283	\$38,889,968	\$33,382,137

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Mississippi</u>							
1 Trent Kelly	240,378	\$99,632,328	\$142,469,101	\$35,118,111	969	\$8,102,141	\$8,760,506
2 Bennie G. Thompson	179,038	\$74,208,143	\$106,113,826	\$26,156,669	721	\$6,034,636	\$6,525,000
3 Michael Guest	227,120	\$94,137,494	\$134,611,772	\$33,181,308	915	\$7,655,299	\$8,277,355
4 Steven Palazzo	237,238	\$98,330,955	\$140,608,205	\$34,659,407	956	\$7,996,313	\$8,646,079
<u>Missouri</u>							
1 William "Lacy" Clay Jr.	108,634	\$47,003,432	\$ 79,485,539	\$26,276,197	622	\$5,713,590	\$4,000,661
2 Ann Wagner	130,930	\$56,650,383	\$ 95,799,094	\$31,669,105	749	\$6,886,243	\$4,821,754
3 Blaine Luetkemeyer	157,693	\$68,229,869	\$115,380,679	\$38,142,353	903	\$8,293,809	\$5,807,332
4 Vicky Hartzler	161,572	\$69,908,143	\$118,218,737	\$39,080,554	925	\$8,497,814	\$5,950,177
5 Emanuel Cleaver	130,208	\$56,337,865	\$ 95,270,608	\$31,494,399	745	\$6,848,254	\$4,795,154
6 Sam Graves	153,579	\$66,449,963	\$112,370,754	\$37,147,337	879	\$8,077,449	\$5,655,837
7 Billy Long	160,347	\$69,378,367	\$117,322,855	\$38,784,394	918	\$8,433,416	\$5,905,086
8 Jason Smith	165,354	\$71,544,678	\$120,986,213	\$39,995,421	946	\$8,696,746	\$6,089,470
<u>Montana</u>							
0 Greg Gianforte	283,729	\$432,244,441	\$611,121,481	\$179,433,666	5,628	\$42,244,315	\$25,116,609
<u>Nebraska</u>							
1 Jeff Fortenberry	110,455	\$73,395,646	\$114,137,974	\$38,133,542	787	\$8,166,769	\$5,383,203
2 Don Bacon	96,266	\$63,967,099	\$ 99,475,589	\$33,234,834	686	\$7,117,650	\$4,691,666
3 Adrian Smith	121,349	\$80,633,984	\$125,394,353	\$41,894,303	865	\$8,972,183	\$5,914,098
<u>Nevada</u>							
1 Dina Titus	28,432	\$23,897,299	\$36,348,446	\$10,267,785	236	\$2,672,942	\$2,533,797
2 Mark Amodei	43,770	\$36,789,206	\$55,957,389	\$15,806,960	363	\$4,114,917	\$3,900,708
3 Susie Lee	52,061	\$43,757,767	\$66,556,761	\$18,801,092	432	\$4,894,359	\$4,639,575
4 Steven Horsford	41,067	\$34,517,026	\$52,501,341	\$14,830,688	341	\$3,860,771	\$3,659,792

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>New Hampshire</u>							
1 Chris Pappas	81,451	\$91,173,134	\$145,238,086	\$48,054,167	1,306	\$11,027,541	\$6,569,141
2 Ann Kuster	79,510	\$89,000,539	\$141,777,159	\$46,909,067	1,275	\$10,764,761	\$6,412,602
<u>New Jersey</u>							
1 Donald Norcross	70,328	\$70,727,862	\$85,277,954	\$29,494,853	604	\$7,641,379	\$6,311,385
2 Jefferson Van Drew	77,936	\$78,379,707	\$94,503,932	\$32,685,817	669	\$8,468,078	\$6,994,196
3 Andy Kim	74,254	\$74,676,863	\$90,039,341	\$31,141,661	637	\$8,068,026	\$6,663,774
4 Chris Smith	67,254	\$67,636,255	\$81,550,343	\$28,205,594	577	\$7,307,365	\$6,035,507
5 Josh Gottheimer	63,642	\$64,004,023	\$77,170,891	\$26,690,885	546	\$6,914,941	\$5,711,385
6 Frank Pallone Jr.	59,976	\$60,317,649	\$72,726,158	\$25,153,598	515	\$6,516,669	\$5,382,432
7 Tom Malinowski	63,554	\$63,915,920	\$77,064,663	\$26,654,144	546	\$6,905,423	\$5,703,523
8 Albio Sires	45,689	\$45,949,305	\$55,401,967	\$19,161,727	392	\$4,964,325	\$4,100,276
9 Bill Pascrell Jr.	50,211	\$50,496,662	\$60,884,804	\$21,058,061	431	\$5,455,617	\$4,506,059
10 Donald Payne Jr.	53,853	\$54,159,924	\$65,301,669	\$22,585,710	462	\$5,851,393	\$4,832,949
11 Mikie Sherrill	61,439	\$61,788,655	\$74,499,779	\$25,767,035	527	\$6,675,595	\$5,513,697
12 Bonnie Watson Coleman	63,451	\$63,812,051	\$76,939,426	\$26,610,829	545	\$6,894,201	\$5,694,255
<u>New Mexico</u>							
1 Debra Haaland	101,745	\$167,299,957	\$248,567,918	\$66,906,688	1,717	\$16,047,931	\$15,161,628
2 Xochitl Torres Small	112,939	\$185,705,582	\$275,914,296	\$74,267,475	1,906	\$17,813,456	\$16,829,646
3 Ben R. Luján	109,772	\$180,498,246	\$268,177,434	\$72,184,954	1,853	\$17,313,952	\$16,357,729
<u>New York</u>							
1 Lee Zeldin	73,379	\$65,588,331	\$102,208,133	\$36,361,946	679	\$8,410,447	\$7,267,226
2 Pete King	57,581	\$51,467,974	\$ 80,203,985	\$28,533,668	533	\$6,599,782	\$5,702,682
3 Thomas Suozzi	61,540	\$55,006,345	\$ 85,717,928	\$30,495,329	569	\$7,053,510	\$6,094,736

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<b>New York</b>							
4 Kathleen Rice	59,882	\$53,524,589	\$ 83,408,866	\$29,673,849	554	\$ 6,863,503	\$ 5,930,557
5 Gregory W. Meeks	58,528	\$52,313,934	\$ 81,522,267	\$29,002,666	541	\$ 6,708,260	\$ 5,796,415
6 Grace Meng	54,208	\$48,452,691	\$ 75,505,185	\$26,862,006	501	\$ 6,213,130	\$ 5,368,587
7 Nydia M. Velázquez	46,225	\$41,316,950	\$ 64,385,360	\$22,905,975	427	\$ 5,298,107	\$ 4,577,943
8 Hakeem Jeffries	61,075	\$54,590,521	\$ 85,069,938	\$30,264,798	565	\$ 7,000,189	\$ 6,048,662
9 Yvette D. Clarke	56,146	\$50,184,593	\$ 78,204,057	\$27,822,167	519	\$ 6,435,213	\$ 5,560,483
10 Jerrold Nadler	54,395	\$48,619,662	\$ 75,765,381	\$26,954,574	503	\$ 6,234,541	\$ 5,387,088
11 Max Rose	53,974	\$48,243,463	\$ 75,179,140	\$26,746,011	499	\$ 6,186,300	\$ 5,345,405
12 Carolyn Maloney	60,900	\$54,434,479	\$ 84,826,773	\$30,178,289	563	\$ 6,980,179	\$ 6,031,373
13 Adriano Espaillat	45,165	\$40,370,009	\$ 62,909,716	\$22,380,995	418	\$ 5,176,681	\$ 4,473,021
14 Alexandria Ocasio-Cortez	48,496	\$43,346,896	\$ 67,548,681	\$24,031,370	449	\$ 5,558,409	\$ 4,802,862
15 José E. Serrano	36,888	\$32,971,491	\$ 51,380,397	\$18,279,282	341	\$ 4,227,962	\$ 3,653,261
16 Eliot Engel	59,237	\$52,947,424	\$ 82,509,453	\$29,353,870	548	\$ 6,789,493	\$ 5,866,606
17 Nita Lowey	61,803	\$55,241,528	\$ 86,084,419	\$30,625,714	572	\$ 7,083,668	\$ 6,120,794
18 Sean Patrick Maloney	71,921	\$64,285,127	\$100,177,313	\$35,639,454	665	\$ 8,243,336	\$ 7,122,831
19 Antonio Delgado	105,952	\$94,703,002	\$147,578,340	\$52,503,020	980	\$12,143,846	\$10,493,149
20 Paul D. Tonko	95,438	\$85,304,919	\$132,933,044	\$47,292,755	883	\$10,938,722	\$ 9,451,836
21 Elise Stefanik	110,720	\$98,964,685	\$154,219,440	\$54,865,682	1,025	\$12,690,325	\$10,965,346
22 Anthony Brindisi	103,671	\$92,663,526	\$144,400,167	\$51,372,341	959	\$11,882,322	\$10,267,174
23 Tom Reed	107,381	\$95,979,623	\$149,567,734	\$53,210,774	994	\$12,307,548	\$10,634,600

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>New York</u>							
24 John Katko	96,250	\$86,031,142	\$134,064,737	\$47,695,370	891	\$11,031,846	\$ 9,532,302
25 Joseph Morelle	89,453	\$79,955,439	\$124,596,800	\$44,327,022	828	\$10,252,754	\$ 8,859,111
26 Brian Higgins	87,218	\$77,957,532	\$121,483,405	\$43,219,389	807	\$ 9,996,560	\$ 8,637,741
27 Chris Collins	101,237	\$90,488,524	\$141,010,800	\$50,166,528	937	\$11,603,420	\$10,026,183
<u>North Carolina</u>							
1 G.K. Butterfield	128,257	\$ 79,256,119	\$134,026,915	\$40,884,520	1,098	\$ 9,465,015	\$6,370,095
2 George Holding	140,223	\$ 86,650,000	\$146,530,416	\$44,698,676	1,200	\$10,348,015	\$6,964,367
3 Walter B. Jones	145,633	\$ 89,993,262	\$152,184,075	\$46,423,309	1,246	\$10,747,278	\$7,233,077
4 David Price	138,037	\$ 85,299,678	\$144,246,940	\$44,002,109	1,181	\$10,186,755	\$6,855,837
5 Virginia Foxx	146,451	\$ 90,499,124	\$153,039,519	\$46,684,259	1,253	\$10,807,689	\$7,273,735
6 Mark Walker	146,616	\$ 90,600,729	\$153,211,340	\$46,736,673	1,255	\$10,819,823	\$7,281,901
7 David Rouzer	155,158	\$ 95,879,570	\$162,138,179	\$49,459,779	1,328	\$11,450,239	\$7,706,181
8 Richard Hudson	137,095	\$ 84,717,220	\$143,261,968	\$43,701,646	1,173	\$10,117,196	\$6,809,023
9	131,622	\$ 81,335,411	\$137,543,123	\$41,957,129	1,126	\$ 9,713,330	\$6,537,215
10 Patrick T. McHenry	149,761	\$ 92,544,243	\$156,497,940	\$47,739,240	1,282	\$11,051,924	\$7,438,109
11 Mark Meadows	171,869	\$106,205,459	\$179,599,886	\$54,786,422	1,471	\$12,683,389	\$8,536,109
12 Alma Adams	125,833	\$ 77,758,018	\$131,493,535	\$40,111,720	1,077	\$ 9,286,107	\$6,249,687
13 Ted Budd	137,347	\$ 84,872,990	\$143,525,384	\$43,782,000	1,175	\$10,135,799	\$6,821,543
<u>North Dakota</u>							
0 Kelly Armstrong	134,392	\$79,853,305	\$120,994,878	\$39,850,425	1,116	\$9,292,259	\$7,498,870
<u>Ohio</u>							
1 Steve Chabot	142,375	\$112,300,089	\$121,291,793	\$34,726,069	903	\$8,438,527	\$7,125,091
2 Brad Wenstrup	151,383	\$119,405,022	\$128,965,608	\$36,923,097	960	\$8,972,410	\$7,575,876

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Ohio</u>							
3 Joyce Beatty	140,578	\$110,882,687	\$119,760,902	\$34,287,772	891	\$ 8,332,019	\$7,035,161
4 Jim Jordan	154,797	\$122,097,975	\$131,874,183	\$37,755,827	981	\$ 9,174,766	\$7,746,736
5 Robert E. Latta	157,787	\$124,456,280	\$134,421,313	\$38,485,075	1,000	\$ 9,351,975	\$7,896,363
6 Bill Johnson	172,310	\$135,911,074	\$146,793,276	\$42,027,192	1,093	\$10,212,719	\$8,623,134
7 Bob Gibbs	160,790	\$126,824,613	\$136,979,275	\$39,217,425	1,019	\$ 9,529,938	\$8,046,626
8 Warren Davidson	152,411	\$120,215,746	\$129,841,246	\$37,173,793	966	\$ 9,033,330	\$7,627,314
9 Marcy Kaptur	139,224	\$109,814,826	\$118,607,540	\$33,957,562	883	\$ 8,251,777	\$6,967,408
10 Michael Turner	140,009	\$110,433,405	\$119,275,647	\$34,148,842	888	\$ 8,298,259	\$7,006,655
11 Marcia L. Fudge	115,599	\$ 91,180,000	\$ 98,480,650	\$28,195,196	733	\$ 6,851,507	\$5,785,087
12 Troy Balderson	155,419	\$122,588,327	\$132,403,796	\$37,907,456	985	\$ 9,211,612	\$7,777,847
13 Tim Ryan	150,033	\$118,340,533	\$127,815,888	\$36,593,929	951	\$ 8,892,422	\$7,508,338
14 David Joyce	146,807	\$115,795,980	\$125,067,595	\$35,807,088	931	\$ 8,701,217	\$7,346,894
15 Steve Stivers	161,708	\$127,548,719	\$137,761,360	\$39,441,337	1,025	\$ 9,584,349	\$8,092,569
16 Anthony Gonzalez	150,690	\$118,858,334	\$128,375,148	\$36,754,047	955	\$ 8,931,331	\$7,541,191
<u>Oklahoma</u>							
1 Kevin Hern	234,219	\$308,135,472	\$375,501,020	\$102,173,113	2,573	\$24,996,782	\$16,586,563
2 Markwayne Mullin	283,863	\$373,445,684	\$455,089,556	\$123,829,002	3,118	\$30,294,923	\$20,102,134
3 Frank Lucas	273,656	\$360,017,382	\$438,725,516	\$119,376,378	3,006	\$29,205,582	\$19,379,304
4 Tom Cole	260,096	\$342,177,564	\$416,985,501	\$113,460,961	2,857	\$27,758,368	\$18,419,008
5 Kendra Horn	231,650	\$304,755,283	\$371,381,843	\$101,052,293	2,545	\$24,722,572	\$16,404,612
<u>Oregon</u>							
1 Suzanne Bonamici	69,158	\$101,176,854	\$169,070,505	\$55,490,660	1,296	\$12,385,515	\$6,883,921



**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Oregon</u>							
2 Greg Walden	82,651	\$120,917,663	\$202,058,172	\$66,317,547	1,548	\$14,802,076	\$8,227,056
3 Earl Blumenauer	66,001	\$ 96,559,024	\$161,353,929	\$52,958,001	1,236	\$11,820,226	\$6,569,731
4 Peter DeFazio	82,629	\$120,884,527	\$202,002,801	\$66,299,374	1,548	\$14,798,020	\$8,224,801
5 Kurt Schrader	71,865	\$105,137,297	\$175,688,560	\$57,662,772	1,346	\$12,870,331	\$7,153,383
<u>Pennsylvania</u>							
1 Brian Fitzpatrick	54,540	\$10,156,912	\$18,348,699	\$ 6,466,083	150	\$1,465,264	\$ 961,757
2 Brendan Boyle	56,251	\$10,475,646	\$18,924,500	\$ 6,668,995	155	\$1,511,246	\$ 991,938
3 Dwight Evans	83,764	\$15,599,339	\$28,180,571	\$ 9,930,836	231	\$2,250,404	\$1,477,100
4 Madeleine Dean	80,109	\$14,918,685	\$26,950,954	\$ 9,497,519	221	\$2,152,211	\$1,412,649
5 Mary Gay Scanlon	93,019	\$17,322,825	\$31,294,088	\$11,028,040	257	\$2,499,039	\$1,640,297
6 Chrissy Houlahan	73,357	\$13,661,187	\$24,679,254	\$ 8,696,971	202	\$1,970,801	\$1,293,577
7 Susan Wild	67,205	\$12,515,660	\$22,609,833	\$ 7,967,707	185	\$1,805,544	\$1,185,107
8 Matt Cartwright	68,288	\$12,717,317	\$22,974,130	\$ 8,096,086	188	\$1,834,636	\$1,204,202
9 Daniel Meuser	88,721	\$16,522,434	\$29,848,164	\$10,518,496	245	\$2,383,572	\$1,564,508
10 Scott Perry	91,456	\$17,031,862	\$30,768,458	\$10,842,807	252	\$2,457,064	\$1,612,746
11 Lloyd Smucker	86,349	\$16,080,749	\$29,050,250	\$10,237,311	238	\$2,319,854	\$1,522,685
12 Tom Marino	81,882	\$15,248,890	\$27,547,476	\$ 9,707,733	226	\$2,199,847	\$1,443,916
13 John Joyce	56,918	\$10,599,776	\$19,148,744	\$ 6,748,019	157	\$1,529,153	\$1,003,692
14 Guy Reschenthaler	75,022	\$13,971,391	\$25,239,645	\$ 8,894,453	207	\$2,015,552	\$1,322,950
15 Glenn Thompson	75,791	\$14,114,480	\$25,498,138	\$ 8,985,546	209	\$2,036,194	\$1,336,499
16 Mike Kelly	72,955	\$13,586,403	\$24,544,154	\$ 8,649,362	201	\$1,960,012	\$1,286,495

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Pennsylvania</u>							
17 Conor Lamb	84,157	\$15,672,580	\$28,312,882	\$9,977,462	232	\$2,260,970	\$1,484,035
18 Michael Doyle	80,301	\$14,954,363	\$27,015,408	\$9,520,232	221	\$2,157,358	\$1,416,028
<u>Rhode Island</u>							
1 David Cicilline	105,456	\$110,755,728	\$172,811,225	\$59,948,125	1,628	\$14,118,349	\$12,162,114
2 Jim Langevin	112,752	\$118,418,024	\$184,766,642	\$64,095,453	1,741	\$15,095,084	\$13,003,513
<u>South Carolina</u>							
1 Joe Cunningham	109,491	\$90,514,124	\$138,712,968	\$40,071,654	1,146	\$ 9,652,178	\$8,466,363
2 Joe Wilson	107,167	\$88,593,060	\$135,768,935	\$39,221,176	1,121	\$ 9,447,321	\$8,286,674
3 Jeff Duncan	117,552	\$97,177,919	\$148,925,239	\$43,021,793	1,230	\$10,362,787	\$9,089,670
4 William Timmons	107,080	\$88,520,443	\$135,657,650	\$39,189,028	1,120	\$ 9,439,578	\$8,279,881
5 Ralph Norman	111,764	\$92,393,194	\$141,592,645	\$40,903,540	1,169	\$ 9,852,557	\$8,642,124
6 James E. Clyburn	96,153	\$79,487,372	\$121,814,461	\$35,189,982	1,006	\$ 8,476,316	\$7,434,960
7 Tom Rice	115,674	\$95,624,921	\$146,545,269	\$42,334,263	1,210	\$10,197,180	\$8,944,408
<u>South Dakota</u>							
0 Dusty Johnson	266,369	\$370,076,561	\$469,672,970	\$117,757,267	3,066	\$28,206,997	\$19,863,789
<u>Tennessee</u>							
1 Phil Roe	206,131	\$89,301,022	\$142,719,559	\$44,858,692	910	\$10,241,941	\$7,305,990
2 Tim Burchett	192,798	\$83,524,933	\$133,488,300	\$41,957,183	851	\$ 9,579,481	\$6,833,430
3 Chuck Fleischmann	190,076	\$82,345,446	\$131,603,261	\$41,364,689	839	\$ 9,444,205	\$6,736,933
4 Scott DesJarlais	206,626	\$89,515,203	\$143,061,860	\$44,966,282	912	\$10,266,505	\$7,323,513
5 Jim Cooper	163,669	\$70,905,232	\$113,319,683	\$35,617,913	722	\$ 8,132,126	\$5,800,974
6 John W. Rose	204,168	\$88,450,472	\$141,360,224	\$44,431,435	901	\$10,144,391	\$7,236,404
7 Mark Green	191,361	\$82,902,038	\$132,492,799	\$41,644,283	845	\$ 9,508,041	\$6,782,469
8 David Kustoff	175,166	\$75,885,962	\$121,279,810	\$38,119,889	773	\$ 8,703,366	\$6,208,463

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Tennessee</u>							
9 Steve Cohen	121,340	\$52,567,690	\$84,012,896	\$26,406,392	535	\$6,028,992	\$4,300,723
<u>Texas</u>							
1 Louie Gohmert	123,910	\$124,455,707	\$205,800,935	\$64,574,148	1,385	\$16,084,894	\$12,392,085
2 Dan Crenshaw	106,148	\$106,615,392	\$176,300,050	\$55,317,657	1,186	\$13,779,178	\$10,615,720
3 Van Taylor	123,756	\$124,300,644	\$205,544,522	\$64,493,693	1,383	\$16,064,854	\$12,376,645
4 John Ratcliffe	132,685	\$133,269,152	\$220,374,918	\$69,147,026	1,483	\$17,223,961	\$13,269,641
5 Lance Gooden	113,131	\$113,629,286	\$187,898,280	\$58,956,833	1,264	\$14,685,667	\$11,314,095
6 Ron Wright	113,495	\$113,994,626	\$188,502,410	\$59,146,391	1,268	\$14,732,884	\$11,350,472
7 Lizzie Fletcher	97,958	\$ 98,388,884	\$162,696,631	\$51,049,313	1,094	\$12,715,968	\$ 9,796,605
8 Kevin Brady	139,232	\$139,844,967	\$231,248,736	\$72,558,903	1,556	\$18,073,832	\$13,924,397
9 Al Green	78,690	\$ 79,036,795	\$130,695,865	\$41,008,434	879	\$10,214,867	\$ 7,869,713
10 Michael T. McCaul	136,463	\$137,063,347	\$226,649,028	\$71,115,653	1,525	\$17,714,330	\$13,647,430
11 K. Michael Conaway	127,222	\$127,782,142	\$211,301,554	\$66,300,077	1,422	\$16,514,809	\$12,723,298
12 Kay Granger	120,728	\$121,258,967	\$200,514,780	\$62,915,511	1,349	\$15,671,742	\$12,073,784
13 Mac Thornberry	117,321	\$117,836,967	\$194,856,135	\$61,139,998	1,311	\$15,229,476	\$11,733,055
14 Randy Weber	115,367	\$115,874,798	\$191,611,477	\$60,121,922	1,289	\$14,975,881	\$11,537,681
15 Vicente Gonzalez	83,723	\$ 84,091,991	\$139,055,177	\$43,631,335	935	\$10,868,210	\$ 8,373,060
16 Veronica Escobar	80,559	\$ 80,913,423	\$133,799,072	\$41,982,127	900	\$10,457,406	\$ 8,056,569
17 Bill Flores	125,031	\$125,581,571	\$207,662,674	\$65,158,305	1,397	\$16,230,403	\$12,504,187
18 Sheila Jackson Lee	78,192	\$ 78,536,737	\$129,868,966	\$40,748,978	874	\$10,150,239	\$ 7,819,922
19 Jodey Arrington	118,735	\$119,257,328	\$197,204,856	\$61,876,957	1,327	\$15,413,046	\$11,874,481

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Texas</u>							
20 Joaquin Castro	88,037	\$ 88,424,497	\$146,219,443	\$45,879,266	984	\$11,428,152	\$ 8,804,448
21 Chip Roy	135,512	\$136,108,506	\$225,070,095	\$70,620,231	1,514	\$17,590,925	\$13,552,357
22 Pete Olson	128,948	\$129,515,943	\$214,168,581	\$67,199,664	1,441	\$16,738,889	\$12,895,933
23 Will Hurd	103,860	\$104,317,157	\$172,499,671	\$54,125,212	1,160	\$13,482,150	\$10,386,884
24 Kenny Marchant	102,411	\$102,861,492	\$170,092,572	\$53,369,937	1,144	\$13,294,017	\$10,241,943
25 Roger Williams	128,494	\$129,059,839	\$213,414,365	\$66,963,013	1,436	\$16,679,941	\$12,850,519
26 Michael Burgess	126,327	\$126,882,779	\$209,814,361	\$65,833,440	1,412	\$16,398,574	\$12,633,749
27 Michael Cloud	112,194	\$112,688,184	\$186,342,067	\$58,468,540	1,254	\$14,564,037	\$11,220,389
28 Henry Cuellar	88,854	\$ 89,245,508	\$147,577,074	\$46,305,250	993	\$11,534,261	\$ 8,886,197
29 Sylvia Garcia	59,447	\$ 59,709,367	\$ 98,735,879	\$30,980,351	664	\$ 7,716,953	\$ 5,945,276
30 Eddie Bernice Johnson	82,071	\$ 82,432,459	\$136,310,963	\$42,770,283	917	\$10,653,729	\$ 8,207,820
31 John Carter	126,016	\$126,570,630	\$209,298,189	\$65,671,481	1,408	\$16,358,231	\$12,602,668
32 Colin Allred	94,396	\$ 94,812,002	\$156,781,872	\$49,193,439	1,055	\$12,253,685	\$ 9,440,454
33 Marc Veasey	60,078	\$ 60,342,469	\$ 99,782,781	\$31,308,838	671	\$ 7,798,777	\$ 6,008,314
34 Filemon Vela	75,081	\$ 75,411,981	\$124,701,845	\$39,127,691	839	\$ 9,746,389	\$ 7,508,789
35 Lloyd Doggett	94,873	\$ 95,290,675	\$157,573,409	\$49,441,800	1,060	\$12,315,550	\$ 9,488,115
36 Brian Babin	124,083	\$124,629,058	\$206,087,589	\$64,664,091	1,387	\$16,107,299	\$12,409,345
<u>Utah</u>							
1 Rob Bishop	124,856	\$133,349,281	\$232,260,715	\$72,489,574	1,582	\$16,335,075	\$10,530,927
2 Chris Stewart	129,757	\$138,584,094	\$241,378,437	\$75,335,254	1,644	\$16,976,331	\$10,944,333
3 John R. Curtis	124,313	\$132,768,983	\$231,249,983	\$72,174,120	1,575	\$16,263,989	\$10,485,099

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Utah</u>							
4 Ben McAdams	122,803	\$131,156,134	\$228,440,808	\$71,297,365	1,556	\$16,066,418	\$10,357,729
<u>Vermont</u>							
0 Peter Welch	85,244	\$61,060,342	\$85,851,774	\$24,811,851	654	\$5,682,109	\$5,710,469
<u>Virginia</u>							
1 Robert J. Wittman	76,077	\$67,834,048	\$80,517,109	\$26,197,981	538	\$6,154,814	\$4,560,993
2 Elaine Luria	72,775	\$64,890,444	\$77,023,133	\$25,061,140	515	\$5,887,731	\$4,363,072
3 Robert C. Scott	66,704	\$59,477,033	\$70,597,567	\$22,970,444	472	\$5,396,554	\$3,999,088
4 A. Donald McEachin	73,773	\$65,779,587	\$78,078,522	\$25,404,534	522	\$5,968,406	\$4,422,856
5 Denver Riggleman	86,417	\$77,054,301	\$91,461,290	\$29,758,907	611	\$6,991,399	\$5,180,940
6 Ben Cline	81,351	\$72,536,480	\$86,098,764	\$28,014,093	575	\$6,581,482	\$4,877,173
7 Abigail Spanberger	84,245	\$75,116,789	\$89,161,517	\$29,010,626	596	\$6,815,602	\$5,050,666
8 Don Beyer	51,315	\$45,755,396	\$54,310,369	\$17,671,052	363	\$4,151,543	\$3,076,479
9 Morgan Griffith	90,919	\$81,068,484	\$96,226,013	\$31,309,212	643	\$7,355,619	\$5,450,843
10 Jennifer Wexton	69,670	\$62,121,437	\$73,736,400	\$23,991,731	493	\$5,636,489	\$4,176,891
11 Gerald E. "Gerry" Connolly	56,667	\$50,527,056	\$59,974,196	\$19,513,900	401	\$4,584,492	\$3,397,314
<u>Washington</u>							
1 Suzan DelBene	86,765	\$147,545,727	\$233,999,536	\$68,303,731	1,482	\$18,456,708	\$16,659,668
2 Rick Larsen	90,155	\$153,309,674	\$243,140,844	\$70,972,050	1,540	\$19,177,729	\$17,310,486
3 Jaime Herrera Beutler	92,615	\$157,492,020	\$249,773,817	\$72,908,195	1,582	\$19,700,904	\$17,782,723
4 Dan Newhouse	80,601	\$137,063,286	\$217,374,952	\$63,451,067	1,377	\$17,145,445	\$15,476,076
5 Cathy McMorris Rodgers	92,824	\$157,847,791	\$250,338,052	\$73,072,893	1,585	\$19,745,408	\$17,822,894
6 Derek Kilmer	93,119	\$158,350,645	\$251,135,550	\$73,305,680	1,590	\$19,808,311	\$17,879,672
7 Pramila Jayapal	73,199	\$124,476,714	\$197,413,330	\$57,624,332	1,250	\$15,570,972	\$14,054,902

**Table 2 (continued).** Statewide Economic Contributions of Recreational Fishing by Residents of Each Congressional District, 2016

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Washington</u>							
8 Kim Schrier	83,793	\$142,490,654	\$225,982,463	\$65,963,573	1,431	\$17,824,362	\$16,088,890
9 Adam Smith	69,538	\$118,250,907	\$187,539,537	\$54,742,203	1,188	\$14,792,177	\$13,351,934
10 Denny Heck	86,029	\$146,293,246	\$232,013,168	\$67,723,917	1,469	\$18,300,034	\$16,518,248
<u>West Virginia</u>							
1 David McKinley	126,459	\$106,747,123	\$154,741,505	\$45,084,533	1,498	\$10,288,440	\$10,757,586
2 Alex Mooney	124,519	\$105,110,022	\$152,368,349	\$44,393,105	1,475	\$10,130,654	\$10,592,604
3 Carol Miller	129,181	\$109,044,781	\$158,072,208	\$46,054,946	1,531	\$10,509,891	\$10,989,135
<u>Wisconsin</u>							
1 Bryan Steil	190,477	\$120,846,463	\$174,986,145	\$51,278,352	1,260	\$12,130,758	\$ 9,698,064
2 Mark Pocan	204,214	\$129,561,796	\$187,605,981	\$54,976,498	1,351	\$13,005,617	\$10,397,479
3 Ron Kind	226,093	\$143,443,078	\$207,706,131	\$60,866,694	1,496	\$14,399,042	\$11,511,468
4 Gwen Moore	147,604	\$ 93,646,200	\$135,600,059	\$39,736,560	977	\$ 9,400,353	\$ 7,515,212
5 F. James Sensenbrenner	185,952	\$117,975,861	\$170,829,502	\$50,060,279	1,231	\$11,842,603	\$ 9,467,695
6 Glenn Grothman	209,674	\$133,025,610	\$192,621,597	\$56,446,286	1,388	\$13,353,320	\$10,675,454
7 Sean P. Duffy	239,134	\$151,716,701	\$219,686,370	\$64,377,411	1,583	\$15,229,561	\$12,175,435
8 Mike Gallagher	211,459	\$134,158,257	\$194,261,674	\$56,926,898	1,399	\$13,467,017	\$10,766,350
<u>Wyoming</u>							
0 Liz Cheney	142,740	\$148,711,345	\$197,898,155	\$51,443,608	1,510	\$15,842,885	\$24,093,073

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## Appendix A. Economic Contributions for Single-District States

Table 3 shows the total number of anglers, including children, who fished in each state in 2016. These figures include both resident and non-resident anglers. The economic contributions shown in Table 3 are based on spending within the state by all anglers, regardless of their place of residence.

**Table 3.** Economic Contributions of Recreational Fishing by Residents and Non-residents in States with a Single Congressional District, 2016.

<i>District</i>	<i>Anglers</i>	<i>Retail Sales</i>	<i>Total Multiplier Effect</i>	<i>Salaries and Wages</i>	<i>Jobs</i>	<i>Federal Tax Revenues</i>	<i>State and Local Tax Revenues</i>
<u>Alaska</u>							
Don Young	462,024	\$942,977,816	\$1,462,626,460	\$470,961,645	12,689	\$126,134,066	\$67,872,991
<u>Delaware</u>							
Lisa Blunt Rochester	248,060	\$90,127,996	\$134,444,627	\$38,702,404	987	\$9,773,309	\$6,158,215
<u>Montana</u>							
Greg Gianforte	374,770	\$493,757,291	\$706,850,057	\$206,976,357	6,414	\$48,889,177	\$29,482,571
<u>North Dakota</u>							
Kelly Armstrong	138,216	\$98,717,510	\$151,969,275	\$49,497,972	1,374	\$11,469,313	\$8,598,673
<u>South Dakota</u>							
Dusty Johnson	403,255	\$410,676,536	\$533,644,214	\$136,901,865	3,685	\$32,575,381	\$22,890,132
<u>Vermont</u>							
Peter Welch	158,628	\$122,710,609	\$172,174,778	\$52,264,202	1,483	\$12,108,476	\$13,275,302
<u>Wyoming</u>							
Liz Cheney	322,032	\$594,446,353	\$853,247,922	\$221,966,430	7,689	\$71,265,008	\$117,197,468



## Appendix B. Definitions of Economic Contribution

**Economic benefits** can be estimated by two types of economic measures: economic contributions and economic values. An **economic contribution** addresses the business and financial activity resulting from the use of a resource. **Economic value**, on the other hand, is a non-business measure that estimates the value people receive from an activity after subtracting for their costs and expenditures. This concept is also known as consumer surplus.

There are three types of economic contribution: direct, indirect and induced. A **direct contribution** is defined as the economic contribution of the initial purchase made by the consumer (the original retail sale). **Indirect contributions** are the secondary effects generated from a direct contribution, such as the retailer buying additional inventory, and the wholesaler and manufacturers buying additional materials. Indirect contributions affect not only the industry being studied, but also the industries that supply the first industry. An **induced contribution** results from the salaries and wages paid by the directly and indirectly effected industries. The employees of these industries spend their income on various goods and services. These expenditures are induced contributions, which, in turn, create a continual cycle of indirect and induced effects.

The direct, indirect and induced contribution effects sum together to provide the overall economic contribution of the activity under study. As the original retail purchase (direct contribution) goes through round after round of indirect and induced effects, the economic contribution of the original purchase is multiplied, benefiting many industries and individuals. Likewise, the reverse is true. If a particular item or industry is removed from the economy, the economic loss is greater than the original lost retail sale. Once the original retail purchase is made, each successive round of spending is smaller than the previous round. When the economic benefits are no longer measurable, the economic examination ends.

This study presents several important measures:

**Expenditures** – these include expenditures made by anglers for equipment, travel expenses and services related to their outdoor activities over the course of the year. These combined initial retail sales represent the “direct output”.

**Total Economic Effect** – also known as “total output” or “total multiplier effect,” this measure reports the sum of the direct, indirect and induced contributions resulting from the original retail sale. This figure explains the total activity in the economy generated by a retail sale. Another way to look at this figure is, if the activity in question were to disappear and participants did not spend their money elsewhere, the economy would contract by this amount.

**Salaries & Wages** – this figure reports the total salaries and wages paid in all sectors of the economy as a result of the activity under study. These are not just the paychecks of those employees directly serving recreationists or manufacturing their goods, it also includes portions of the paychecks of, for example, the truck driver who delivers food to the restaurants serving recreationists and the accountants who manage the books for companies down the supply chain, etc. This figure is based on the direct, indirect and induced effects, and is essentially a portion of the total economic effect figure reported in this study.

**Jobs** – much like Salaries and Wages, this figure reports the total jobs in all sectors of the economy as a result of the activity under study. These are not just the employees directly serving recreationists or manufacturing their goods, they also include, for example, the truck driver who delivers food to the restaurants serving recreationists and the accountants who manage the books for companies down the supply chain, etc. This figure is based on direct, indirect and induced effects.

## Appendix C. Methodology for Estimating Economic Contribution

The extent of the economic contributions associated with spending for angling can be estimated in two ways:

- **Direct effects:** These include the jobs, income and tax revenues that are tied directly to the spending by anglers without including multiplier effects.
- **Total effects:** These include the jobs, income and tax revenues that are tied directly to the spending by anglers plus the jobs, income and tax revenues that result from the multiplier effects of angling spending. The multiplier effect occurs when a direct purchase from a business leads to increased demand for goods and services from other businesses along their supply chain. Also included is economic activity associated with household spending of incomes earned in the affected businesses.

The economic contributions, both direct effects and total effects, were estimated with an IMPLAN input-output model for the U.S. economy. The IMPLAN model was developed by MIG, Inc. originally for use by the U.S. Forest Service. Inherent in each IMPLAN model is the relationship between the economic output of each industry (i.e. sales) and the jobs, income and taxes associated with a given level of output. Through those models, it is possible to determine the jobs, income and taxes supported directly by wildlife-based recreationists with and without the multiplier effects.

Input-output models describe how sales in one industry affect other industries. For example, once a consumer makes a purchase, the retailer buys more merchandise from wholesalers, who buy more from manufacturers, who, in turn, purchase new inputs and supplies. In addition, the salaries and wages paid by these businesses stimulate more benefits. Simply, the first purchase creates numerous rounds of purchasing. Input-output analysis tracks the flow of dollars from the consumer through all of the businesses that are affected, either directly or indirectly.

To apply the IMPLAN model, each specific expenditure for producer activities was matched to the appropriate industry sector affected by the initial purchase. The spending was estimated with models of the U.S. economy, therefore all of the resulting contributions represent salaries and wages, total economic effects, jobs and tax revenues that occur within the U.S.

### Estimating Tax Revenues

The IMPLAN model estimates detailed tax revenues at the state and local level and at the federal level. The summary estimates provided in this report represent the total taxes estimated by the IMPLAN model including all income, sales, property and other taxes and fees that accrue to the various local, state and federal taxing authorities.