AMERICAN TRAILS "SHOVEL-READY" TRAIL PROJECT SURVEY

RESULTS REPORT – JUNE 18, 2020

PREPARED FOR
AMERICAN TRAILS

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CONTENTS

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TABLE OF TABLES

TABLE OF FIGURES


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EXECUTIVE SUMMARY

The purpose of the American Trails "Shovel-ready" Trail Project Survey, conducted from May 13th and 30th, 2020, was to document the contribution the trails community can make to the American economic response to and recovery from the COVID-19 pandemic. Survey respondents were recruited using a purposive snow-ball approach via the membership and email lists of American Trails, the Trails Move People coalition, and the formal and informal networks of their members.

A total of 1,058 individuals responded to the survey. Half (50%) of respondents were affiliated with non-governmental organizations (NGOs) or non-profits as employees or volunteers; 41% worked for government at the federal, state, or local level; and 8% were in the private sector either as trail professionals or private land owners or managers.[1]

Responding trail project managers were asked to provide location, budget, employment, and other project characteristic information about "shovel-ready" projects under their management.

> **"Shovel-ready" Definition**
> "Shovel-ready" trail projects are projects that, if funding is available and working conditions are safe, could be providing jobs by the summer of 2021. A project can be "shovel-ready" in any phase of development (e.g., acquisition or right of way, planning, design, construction, maintenance), as long as jobs would be created before summer 2021 if the project were funded now.

Nearly 400 (N = 394) respondents submitted information on 1,028 "shovel-ready" trail projects, an average of 2.6 projects per respondent. Table 1 provides top-level total for overall project budgets, the months of full-time equivalent (FTE) employment that would be created or continued if the projects are funded and working conditions are safe, and the miles of trail involved with or connected to the projects. Figure 1 presents a map of the projects included in the survey. Although this body of "shovel-ready" trail work is substantial, we know it represents only a small fraction of the total amount work, and consequently trail-related economic contribution, that could be mobilized immediately if funding is available and working conditions are safe (see Table 21).

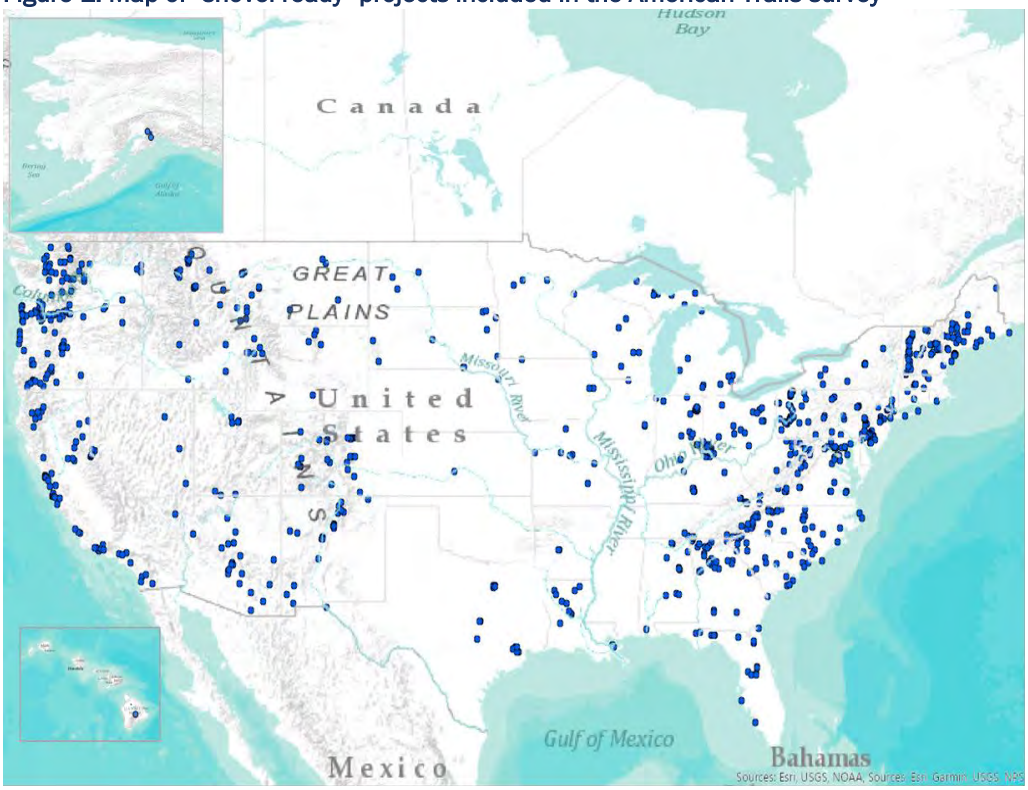
Table 1: Summary of "shovel-ready" trail projects

Land Type[1]	Project Count	$ (millions)	Jobs (months of FTE)	Miles
Federal	265	$455	39,606	24,552
Tribal	5	$1	198	2,055
State	268	$700	27,290	12,344
County, Municipal, & Local	510	$1,549	43,786	11,035
NGO or Non-profit	140	$350	19,489	6,425
Private	175	$855	14,685	5,826
All Projects	**1,028**	**$1,828**	**83,340**	**39,149**

1 One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.

[1] Percentages in this report may not sum to 100% due to rounding error and questions with response options that are not cumulative (i.e., "select all that apply" questions; see Appendix A – American Trails "Shovel-ready" Trail Project Questionnaire)

Figure 1: Map of "shovel-ready" projects included in the American Trails survey



How many projects can be initiated in 2020?

Over half (55%, N = 559) of the projects included in the survey could, if funding is available and working conditions are safe, begin in calendar year 2020. One-third (33%, N = 335) could begin in the summer of 2020.

Trail projects on state, local, and NGO managed lands offer the greatest potential for mobilizing trail-based employment when both the number of projects and the percentage that could begin in 2020 are considered.

Table 2: "Shovel-ready" projects able to start in 2020

Land Type[1]	# Able to Start in 2020	% Able to Start in 2020
All Federal	129	49%
Tribal	1	25%
State	135	51%
County, Municipal, or Local	296	58%
NGO or Non-profit	87	63%
Private	80	46%
All Projects	**559**	**54%**

[1] See Table 11 for explanatory details.

What types of trail users will the "shovel-ready" projects benefits?

More than half (60%) of "shovel-ready" projects will be accessible to individuals with disabilities, with higher percentages of projects on local, NGO, and privately managed lands being accessible.

Virtually all projects will accommodate non-motorized users (97%). Approximately 10% of project will provide motorized recreational opportunities, with higher percentages on most types of federal lands.

Table 3: "Shovel-ready" trail users served

Land Type[1]	Number of Projects	Accessible	Non-motorized	Motorized
All Federal	265	42%	98%	15%
Tribal	5	40%	40%	0%
State	268	54%	97%	12%
County, Municipal, or Local	510	74%	98%	6%
NGO or Non-profit	140	71%	96%	15%
Private	175	77%	95%	5%
All Projects	**1,028**	**60%**	**97%**	**10%**

[1] See Table 14 for explanatory details.

How can "shovel-ready" projects address maintenance back-logs on federal, state, and other lands?

Approximately half (47%) of all projects include maintenance to existing trails or trail-related infrastructure.

Most (65%) "shovel-ready" projects on federal land include maintenance of existing trail infrastructure.

Together, "shovel-ready" projects that include maintenance work can create or continue nearly 36,000 months of full-time equivalent employment to begin within the next year.

Table 4: "Shovel-ready" trail maintenance projects

Land Type[1]	Number of Projects	% of Projects	Project Budget ($ million)	Jobs Months (FTE)
All Federal	171	65%	$77	13,957
Tribal	1	20%	$1	18
State	149	56%	$127	13,143
County, Municipal, or Local	184	36%	$260	13,474
NGO or Non-profit	77	55%	$127	8,668
Private	57	33%	$144	4,624
All Projects	**487**	**47%**	**$395**	**35,607**

[1] See Table 22, Table 23, and Table 24 for explanatory details.

Comparatively greater percentages of projects on federal and state lands include maintenance components than on county, municipal, or local lands – yet these local lands have greater numbers of trail projects. This suggests that most new trail development is occurring at the local level.

Context & Limitations

There are several important points of context and limitation that must be understood and considered when using and interpreting this data. While expansive, the data included in this survey is not comprehensive. Responses were made anonymously, which precludes contacting respondents to verify possibly erroneous data. While these points of context and limitation are important to consider, they do not compromise the finding of these results in any fundamental way. Within these limitations, this survey provides valid results that represent the minimum contribution trails can make to COVID-19 response and recovery.

TRAILS, HEALTH & THE ECONOMY

Trails, the trail community, and the recreational and transportation opportunities they provide have played a significant role in America's response to the COVID-19 pandemic thus far and will continue to do so as response operations transition to recovery strategy.

Trail and Health

Trails have proven to be vital and popular health and wellbeing infrastructure during the COVID-19 pandemic.[1] Both in the United States and abroad, use of trails for physical exercise and mental health maintenance increased markedly during the COVID-19 pandemic.[2] Indeed, American recreationists have seen trails as safe spaces and value both the physical and mental health benefits of trails to a greater degree than they are concerned about the risks of contracting COVID-19 themselves or infecting others while recreating.[3] These beneficial health impacts of trails and trail-related recreation are particularly important for vulnerable and marginal populations including older people, members of low-income communities, and children.[4]

In addition to recreational use, trails benefit Americans' health in utilitarian ways that are always important and especially so during the COVID-19 pandemic. Trails are critical infrastructure for active transportation. Active transportation is a key piece of integrated public health strategies, particularly for urban and sub-urban areas.[5] During the COVID-19 pandemic, additional public health concerns related to mass transportation and its potential to spread the coronavirus are arising.[6] In response, Americans are increasingly turning to active transportation on trails and trail-related infrastructure to both improve their health and avoid becoming sick.[7]

As more people seek to protect and boost their physical and mental health on trails, the existing trail infrastructure is becoming crowded. In extreme cases, this is leading trail and land managers to close or restrict use of trails, ultimately limiting use of trials and the physical and mental health benefits they facilitate.[8]

Economic Benefits of Trails

In addition to the direct economic benefits of employment creation and continuance documented by this survey (e.g., approximately 83,000 months of FTE employment), it is important to highlight the indirect and supporting economic contributions made by trails and trail-related infrastructure. In 2018, outdoor recreation accounted for nearly $900 billion in economic activity, including $124 billion in tax revenues at the federal, state, and local levels.[9] Economic sectors associated with outdoor recreation are growing faster than the national economy as a whole, particularly in regions where employment and economic opportunities in other sectors have declined.[10] Trails are core infrastructure on which this large and growing sector of the economy is based, accounting for more than half of outdoor recreation-based economic activity and creating nearly 3.5 million jobs. These benefits are often received by small and rural communities.[9] Development and enhancement of the American trails network will help to sustain the growth and productivity of the high-performing outdoor recreation economic sector.

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SURVEY RESPONSE SUMMARY

One thousand fifty-eight (N =1,058) trail community members responded to the American Trails "Shovel-ready" Trail Project Survey. Approximately 64% of survey responses (N = 675) were made by trail project managers with "shovel-ready" projects under their management. Approximately 60% of these (N = 394) completed the questionnaire by providing information on at least one "shovel-ready" project, which equates to 37% of all respondents. Information was provided on a total of 1,028 "shovel-ready" trail projects. Respondents most commonly work or volunteer in the NGO or non-profit sector and government at a local level. Most (56%) trail project managers provided information on one project. The maximum number of projects provided by a single respondent was 17.

Table 5 provides a summary of respondents, their affiliations, and the number of projects for which they entered data. General patterns in the distribution of roles and affiliations among respondents who provided project information and those who did not provide project information are similar, which suggests that systematic bias between those respondents who chose to enter project information and those who did not is unlikely. Figure 2 charts the number of respondents and the number of projects for which they provided information. Table 6 provides detail on respondent role and affiliation by state.

Table 5: Survey respondent summary

Response Category	Count	%
All survey respondents	1,058	100%
Trail project manager respondents	729	69%[1]
Federal employees	70	10%[2]
State employees	66	9%[2]
Municipal, county, and other local employees	155	21%[2]
NGO or non-profit staff	227	31%[2]
NGO or non-profit volunteers	126	17%[2]
Industry, contractors, and service providers	43	6%[2]
Private land owners and managers	11	2%[2]
Trail managers with "shovel-ready" projects	675	93%[3]
Trail managers entering project data	394	59%[4]
Trail projects	1,028	---
Trail projects per trail manager	2.6[5]	---

[1] Percentage of all survey respondents who are trail project managers.
[2] Percentage of trail project managers.
[3] Percentage of trail project managers with "shovel-ready" trail projects.
[4] Percentage of trail project managers with "shovel-ready" trails projects who entered trail project data.
[5]Average number of "shovel-ready" trail projects per trail manager entering project data.

Figure 2: Number of projects per respondent

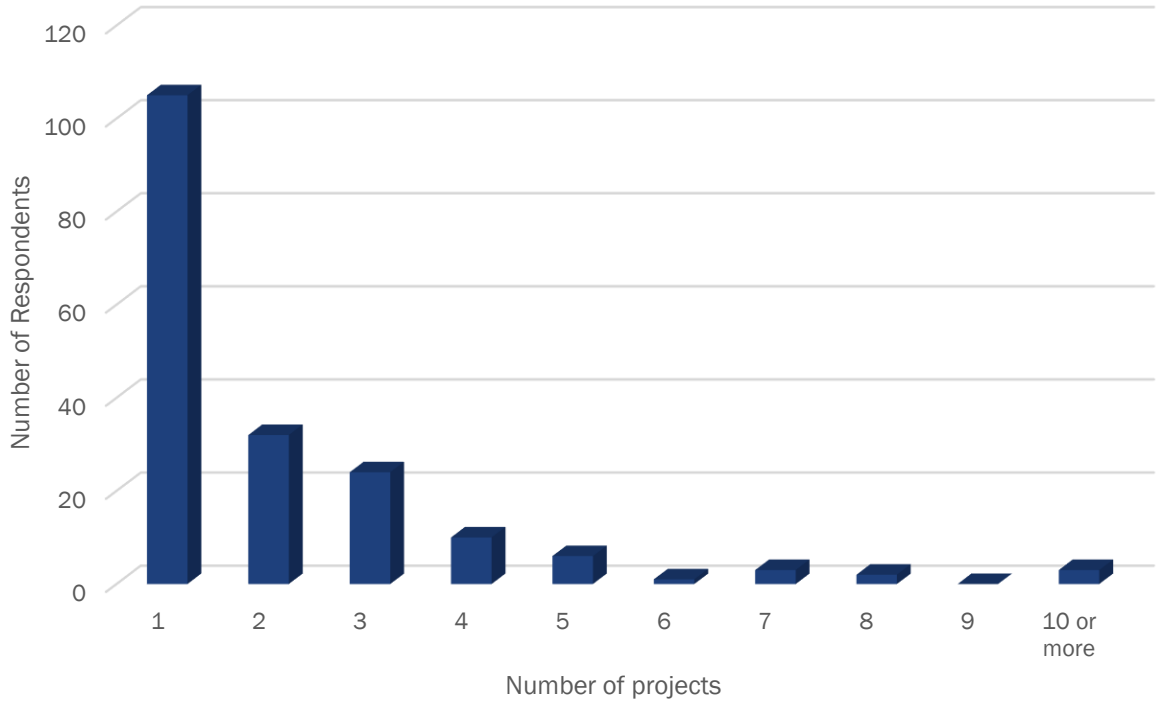

Table 6: Respondent role and affiliation by state

State	Resp. Count[1]	% Federal	% State	% Local	% NGO Staff	% NGO Volunt.	% Trail Pro.	% Private Land
Alabama	8	0%	0%	25%	0%	13%	13%	0%
Alaska	1	---	---	---	---	---	---	---
Arizona	14	7%	0%	14%	14%	0%	7%	0%
Arkansas	1	---	---	---	---	---	---	---
California	28	4%	0%	14%	29%	7%	0%	4%
Colorado	14	21%	0%	7%	29%	21%	0%	0%
Connecticut[2]	2	---	---	---	---	---	---	---
District of Columbia[2]	1	---	---	---	---	---	---	---
Delaware[2]	2	---	---	---	---	---	---	---
Florida	11	0%	9%	18%	0%	0%	9%	0%
Georgia	18	0%	0%	0%	11%	11%	0%	0%
Hawaii	1	0%	100%	0%	0%	0%	0%	0%
Idaho	3	67%	0%	0%	0%	0%	0%	0%
Illinois	3	0%	0%	0%	33%	33%	0%	0%
Indiana	10	0%	0%	20%	0%	20%	0%	0%
Iowa	2	0%	0%	50%	0%	0%	0%	0%
Kansas	2	0%	0%	0%	100%	0%	0%	0%
Kentucky	5	0%	0%	0%	40%	20%	0%	0%
Louisiana	5	0%	20%	20%	0%	20%	0%	0%
Maine	19	0%	11%	5%	16%	0%	0%	0%
Maryland	8	13%	0%	13%	50%	38%	0%	0%
Massachusetts	3	0%	0%	33%	33%	0%	0%	0%
Michigan	9	0%	0%	22%	22%	22%	0%	0%
Minnesota	3	0%	0%	0%	33%	33%	0%	0%
Mississippi	0	---	---	---	---	---	---	---
Missouri	6	0%	0%	33%	17%	17%	0%	0%
Montana	16	19%	0%	13%	25%	19%	0%	0%
Nebraska	0	---	---	---	---	---	---	---
Nevada	9	11%	0%	11%	11%	11%	0%	0%
New Hampshire	7	29%	14%	0%	43%	0%	0%	0%
New Jersey	5	0%	0%	20%	40%	20%	0%	0%
New Mexico	6	17%	0%	17%	0%	0%	0%	0%
New York	9	0%	0%	11%	22%	0%	0%	0%
North Carolina	17	0%	6%	6%	12%	18%	0%	0%
North Dakota	2	0%	0%	0%	0%	50%	0%	0%
Ohio	14	0%	0%	14%	21%	0%	7%	0%
Oklahoma	0	---	---	---	---	---	---	---
Oregon	37	14%	11%	14%	14%	16%	5%	0%
Pennsylvania	24	0%	4%	4%	17%	13%	8%	0%
Rhode Island	0	---	---	---	---	---	---	---
South Carolina	5	0%	40%	0%	40%	0%	0%	0%

State	Resp. Count[1]	% Federal	% State	% Local	% NGO Staff	% NGO Volunt.	% Trail Pro.	% Private Land
South Dakota	1	0%	100%	0%	0%	0%	0%	0%
Tennessee	2	0%	0%	0%	100%	0%	0%	0%
Texas	7	0%	0%	14%	43%	14%	0%	0%
Utah	4	0%	25%	0%	25%	0%	0%	0%
Vermont	7	0%	0%	0%	71%	14%	0%	0%
Virginia	10	0%	0%	40%	10%	10%	0%	0%
Washington	19	11%	0%	11%	21%	16%	5%	0%
West Virginia	4	0%	0%	25%	0%	0%	25%	0%
Wisconsin	3	0%	0%	0%	0%	0%	33%	0%
Wyoming	5	40%	0%	0%	40%	0%	0%	0%
No Project [3]	666	7%	8%	17%	22%	12%	5%	2%
All Respondents	**1,058**	**7%**	**6%**	**15%**	**21%**	**12%**	**4%**	**1%**

[1] Count of respondents to initial screening questions. Each respondent was able to indicate multiple roles or affiliations.
[2] No role or affiliation data provided by respondents from these states.
[3] Location information is not available for those respondents who did not provide project information.

One-quarter (25%) of respondents received their survey recruitment notice directly from American Trails (Table 7). Forty-three percent (43%) of respondents received their survey recruitment notice from an NGO or non-profit other than American Trails.

Table 7: Source for survey recruitment

Response Category	Count[1]	%
American Trails	164	25%
Other NGO or Non-profit	280	43%
Local or Regional Government	36	6%
State Government	57	9%
Federal Government	20	3%
General, Other, and Unknown[2]	90	14%
Total	**647**	**100%**

[1] This question was added after survey administration began. Results do not represent the complete respondent pool.
2 The general, other, and unknown category contains response sources listed that could not be otherwise categorized. Typical examples of responses include "email," "Facebook," "co-worker," "webpage," or unknown abbreviations.


8-0

RESULTS

The following section of this report presents tables detailing the results of the American Trails "Shovel-ready" Trail Project Survey. The section is divided into two subsections.

The first subsection, titled Primary Results by Land Types, States, and Congressional Districts, presents primary results from the survey first by land type (i.e., ownership or administrative status), then by state, and finally by US congressional district from the 116th Congress. This progression of land type and geographic organization is repeated to summarize:

- Total project budgets ($), months of full-time equivalent employment, and miles of trails included in or connected to projects.
- Project initiation timelines by season between summer 2020 and summer 2021, including the percentage of projects that can begin in calendar year 2020.
- Projects by user type, including projects that will serve non-motorized and motorized users, and projects that designed to be accessible to people with disabilities.

The second subsection, titled Project Results by Land Type & State, presents data broken-out by both land type and state. These tables list project counts, total project budgets ($), months of full-time equivalent employment, and miles of trails included in or connected to projects for:

- All projects for which information was provided.
- Projects with a maintenance component (e.g., existing trail or structure maintenance).

Footnotes are listed, as necessary, at the bottom of each table to provide detail on the data and underlying analyses presented. The methods section, which follows this results section provides additional detail and important notes on the context and limitations of the study.

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PRIMARY RESULTS BY LAND TYPES, STATES, AND CONGRESSIONAL DISTRICTS

Total project budgets ($), months of full-time equivalent employment, and miles of trails included in or connected to projects are summarized in Table 8, Table 9, and Table 10, for land type, states, and congressional districts, respectively.

Project initiation timelines by season between summer 2020 and summer 2021, including the percentage of projects that can begin in calendar year 2020, are presented in Table 11, Table 12, and Table 13 for land type, states, and congressional districts, respectively. The percentage of projects that can begin in calendar year 2020 is based on those with initiation timelines reported as either summer or fall of 2020.

Projects by user type, including projects that will serve non-motorized and motorized users, as well as those projects designed to be accessible to people with disabilities, are presented in Table 14, Table 15, and Table 16 for land type, states, and congressional districts, respectively. If a project's trails or products could be used by any type of non-motorized user (i.e., pedestrian, equestrian, cyclist, non-motorized on-snow user), it was designated as a non-motorized project. If a project's trails or products could be used by any type of motorized user (i.e., motorcycles, ATVs or side-by-sides, jeeps or trucks, motorized on-snow user), it was designated as a motorized project. A single project can be designated as both non-motorized and motorized if it could be used by both categories of users.

Table 8: Land type trail project summary

Land Type[1]	Project Count	Total $	$/ Project	Total Job Months	Job Months/ Project	Total Miles	Miles/ Project
All Federal[2]	265	$455,456,475	$1,718,704	39,606	149	24,552	93
US Forest Service	202	$157,539,262	$779,897	17,394	86	13,190	65
US National Park Service	33	$272,824,268	$8,267,402	3,382	102	17,867	541
US Bureau of Land Management	39	$24,942,080	$639,541	4,850	124	1,749	45
US Fish & Wildlife Service	14	$11,190,300	$799,307	2,388	171	1,129	81
US Army Corp of Engineers	0	$0	---	0	---	0	---
Tribal	5	$580,000	$116,000	198	40	2,055	411
State	268	$700,125,380	$2,612,408	27,290	102	12,344	46
County, Municipal, or Local	510	$1,548,747,284	$3,036,759	43,786	86	11,035	22
NGO or Non-profit	140	$350,018,387	$2,500,131	19,489	139	6,425	46
Private	175	$855,498,985	$4,888,566	14,685	84	5,826	33
All Projects	**1,028**	**$1,827,885,353**	**$1,778,099**	**83,340**	**81**	**39,149**	**38**

1 One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.
2 One project can include multiple federal land agencies (e.g., a trial project that crosses both US Forest Service and Bureau of Land Management lands). Consequently, the sum of values across federal land management agencies may be greater than the value for all federal lands.

Table 9: State trail project summary

State	Project Count[1]	% of Projects	Total $	$/ Project	Total Job Months	Job Months/ Project	Total Miles	Miles/ Project
Alabama	13	1.3%	$27,975,000	$2,151,923	3,260	251	212	16
Alaska	3	0.3%	$7,800,000	$2,600,000	220	73	75	25
Arizona	28	2.7%	$13,397,659	$478,488	2,595	93	809	29
Arkansas	2	0.2%	$710,000	$355,000	51	26	1	0
California	63	6.1%	$126,901,095	$2,014,303	13,327	212	686	11
Colorado	26	2.5%	$31,779,422	$1,222,285	2,159	83	511	20
Connecticut	2	0.2%	$66,562	$33,281	51	26	80	40
District of Columbia	4	0.4%	$36,020,000	$9,005,000	131	33	95	24
Delaware	4	0.4%	$335,300	$83,825	264	66	1,360	340
Florida	17	1.7%	$76,297,150	$4,488,068	2,394	141	154	9
Georgia	49	4.8%	$244,338,000	$4,986,490	2,905	59	527	11
Hawaii	1	0.1%	$11,500,000	$11,500,000	360	360	277	277
Idaho	5	0.5%	$566,001	$113,200	52	10	118	24
Illinois	3	0.3%	$140,000	$46,667	23	8	4	1
Indiana	25	2.4%	$25,430,500	$1,017,220	551	22	50	2
Iowa	3	0.3%	$12,834,000	$4,278,000	254	85	22	7
Kansas	2	0.2%	$850,000	$425,000	53	27	1	1
Kentucky	18	1.8%	$60,113,001	$3,339,611	1,091	61	271	15
Louisiana	14	1.4%	$10,320,101	$737,150	1,352	97	219	16
Maine	38	3.7%	$2,888,381	$76,010	1,885	50	808	21
Maryland	24	2.3%	$4,798,806	$199,950	1,700	71	6,712	280
Massachusetts	9	0.9%	$1,089,840	$121,093	90	10	50	6
Michigan	19	1.8%	$171,300,000	$9,015,789	478	25	114	6
Minnesota	3	0.3%	$4,002,500	$1,334,167	444	148	21	7
Mississippi	0	0.0%	$0	---	0	---	0	---
Missouri	8	0.8%	$3,640,000	$455,000	82	10	10	1
Montana	39	3.8%	$37,089,000	$951,000	3,919	100	429	11
Nebraska	0	0.0%	$0	---	0	---	0	---
Nevada	11	1.1%	$70,084,000	$6,371,273	980	89	178	16
New Hampshire	19	1.8%	$9,690,728	$510,038	257	14	767	40

State	Project Count[1]	% of Projects	Total $	$/ Project	Total Job Months	Job Months/ Project	Total Miles	Miles/ Project
New Jersey	17	1.7%	$31,927,040	$1,878,061	882	52	319	19
New Mexico	20	1.9%	$21,465,870	$1,073,294	1,666	83	527	26
New York	21	2.0%	$20,017,100	$953,195	855	41	250	12
North Carolina	94	9.1%	$60,380,273	$642,343	7,138	76	505	5
North Dakota	3	0.3%	$190,000	$63,333	11	4	14	5
Ohio	32	3.1%	$333,024,500	$10,407,016	2,414	75	874	27
Oklahoma	0	0.0%	$0	---	0	---	0	---
Oregon	88	8.6%	$55,478,430	$630,437	4,729	54	2,026	23
Pennsylvania	83	8.1%	$113,230,752	$1,364,226	12,665	153	6,061	73
Rhode Island	1	0.1%	$175,000	$175,000	180	180	680	680
South Carolina	21	2.0%	$4,612,706	$219,653	445	21	52	2
South Dakota	17	1.7%	$1,454,001	$85,529	51	3	514	30
Tennessee	6	0.6%	$6,740,000	$1,123,333	129	22	8	1
Texas	14	1.4%	$126,865,000	$9,061,786	2,090	149	63	5
Utah	11	1.1%	$3,603,020	$327,547	172	16	137	12
Vermont	30	2.9%	$4,660,166	$155,339	821	27	346	12
Virginia	39	3.8%	$29,308,276	$751,494	3,834	98	2,756	71
Washington	44	4.3%	$16,664,800	$378,745	2,437	55	516	12
West Virginia	12	1.2%	$2,265,873	$188,823	1,533	128	8,496	708
Wisconsin	12	1.2%	$2,500,500	$208,375	167	14	187	16
Wyoming	11	1.1%	$1,365,000	$124,091	195	18	260	24
All Projects	**1,028**	**100.0%**	**$1,827,885,353**	**$1,778,099**	**83,340**	**81**	**39,149**	**38**

[1] Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.

Table 10: Congressional district trail project summary

Congressional District[1]	Project Count	% of State Projects	Total $	$/ Project	Total Job Months	Job Months/ Project	Total Miles	Miles/ Project
AK-0	3	100%	$7,800,000	$2,600,000	220	73	75	25
AL-1	1	8%	$10,000,000	$10,000,000	438	438	17	17
AL-2	1	8%	$1,750,000	$1,750,000	480	480	6	6
AL-3	6	46%	$10,945,000	$1,824,167	1,263	211	12	2
AL-4	1	8%	$1,000,000	$1,000,000	144	144	4	4
AL-5	3	23%	$280,000	$93,333	85	28	13	4
AL-7	1	8%	$4,000,000	$4,000,000	850	850	160	160
AR-4	2	100%	$710,000	$355,000	51	26	1	0
AZ-1	6	21%	$5,864,900	$977,483	142	24	69	12
AZ-2	3	11%	$540,000	$180,000	39	13	58	19
AZ-3	1	4%	$1,288,148	$1,288,148	576	576	32	32
AZ-4	7	25%	$1,159,500	$165,643	476	68	322	46
AZ-6	6	21%	$3,545,000	$590,833	348	58	66	11
AZ-7	4	14%	$925,111	$231,278	1,011	253	261	65
AZ-9	1	4%	$75,000	$75,000	3	3	0	0
CA-1	5	8%	$2,950,000	$590,000	63	13	85	17
CA-2	16	25%	$7,352,000	$459,500	1,100	69	297	19
CA-4	8	13%	$11,195,267	$1,399,408	1,227	153	32	4
CA-5	2	3%	$1,550,000	$775,000	160	80	23	11
CA-12	1	2%	$2,500,000	$2,500,000	8	8	0	0
CA-14	1	2%	$15,000,000	$15,000,000	12	12	6	6
CA-17	1	2%	$20,000,000	$20,000,000	720	720	5	5
CA-18	5	8%	$27,200,000	$5,440,000	5,772	1,154	123	25
CA-20	3	5%	$20,985,000	$6,995,000	3,737	1,246	9	3
CA-24	9	14%	$2,140,001	$237,778	73	8	42	5
CA-26	2	3%	$65,000	$32,500	10	5	7	4
CA-27	1	2%	$220,000	$220,000	15	15	2	2
CA-28	3	5%	$343,825	$114,608	15	5	3	1
CA-39	1	2%	$15,000,000	$15,000,000	266	266	5	5
CA-50	4	6%	$350,002	$87,501	137	34	43	11

Congressional District[1]	Project Count	% of State Projects	Total $	$/ Project	Total Job Months	Job Months/ Project	Total Miles	Miles/ Project
CA-52	1	2%	$50,000	$50,000	12	12	5	5
CO-1	4	15%	$6,748,000	$1,687,000	566	142	96	24
CO-2	2	8%	$350,000	$175,000	52	26	10	5
CO-3	12	46%	$22,126,422	$1,843,869	1,413	118	336	28
CO-4	1	4%	$1,500,000	$1,500,000	60	60	11	11
CO-5	6	23%	$755,000	$125,833	42	7	18	3
CO-7	1	4%	$300,000	$300,000	26	26	40	40
CT-1	1	50%	$36,962	$36,962	32	32	20	20
CT-3	1	50%	$29,600	$29,600	19	19	60	60
DC-0	4	100%	$36,020,000	$9,005,000	131	33	95	24
DE-0	4	100%	$335,300	$83,825	264	66	1,360	340
FL-2	5	29%	$6,280,000	$1,256,000	202	40	44	9
FL-3	2	12%	$1,142,150	$571,075	29	15	41	21
FL-5	2	12%	$1,175,000	$587,500	186	93	15	8
FL-6	2	12%	$4,700,000	$2,350,000	497	249	21	11
FL-11	3	18%	$7,000,000	$2,333,333	584	195	11	4
FL-15	1	6%	$1,000,000	$1,000,000	360	360	2	2
FL-16	1	6%	$15,000,000	$15,000,000	500	500	5	5
FL-19	1	6%	$40,000,000	$40,000,000	36	36	15	15
GA-1	1	2%	$2,000,000	$2,000,000	48	48	11	11
GA-2	3	6%	$2,700,000	$900,000	190	63	6	2
GA-3	2	4%	$1,350,000	$675,000	64	32	32	16
GA-4	5	10%	$6,629,000	$1,325,800	444	89	12	2
GA-6	2	4%	$13,850,000	$6,925,000	64	32	12	6
GA-7	17	35%	$179,782,500	$10,575,441	1,410	83	219	13
GA-9	4	8%	$1,016,500	$254,125	41	10	27	7
GA-10	3	6%	$16,030,000	$5,343,333	92	31	31	10
GA-11	3	6%	$11,100,000	$3,700,000	502	167	130	43
GA-12	4	8%	$9,200,000	$2,300,000	12	3	12	3
GA-14	5	10%	$680,000	$136,000	39	8	35	7
HI-2	1	100%	$11,500,000	$11,500,000	360	360	277	277

Congressional District[1]	Project Count	% of State Projects	Total $	$/ Project	Total Job Months	Job Months/ Project	Total Miles	Miles/ Project
IA-1	2	67%	$834,000	$417,000	14	7	1	0
IA-4	1	33%	$12,000,000	$12,000,000	240	240	21	21
ID-2	5	100%	$566,001	$113,200	52	10	118	24
IL-15	2	67%	$60,000	$30,000	11	6	2	1
IL-16	1	33%	$80,000	$80,000	12	12	2	2
IN-1	3	12%	$520,000	$173,333	30	10	7	2
IN-2	2	8%	$1,400,000	$700,000	8	4	2	1
IN-3	12	48%	$13,475,000	$1,122,917	276	23	14	1
IN-6	6	24%	$9,391,500	$1,565,250	172	29	24	4
IN-7	1	4%	$524,000	$524,000	60	60	0	0
IN-9	1	4%	$120,000	$120,000	5	5	4	4
KS-1	2	100%	$850,000	$425,000	53	27	1	1
KY-1	7	39%	$22,800,000	$3,257,143	899	128	112	16
KY-2	0	0%	$0	---	0	---	0	---
KY-3	1	6%	$26,000,000	$26,000,000	24	24	10	10
KY-4	9	50%	$11,313,000	$1,257,000	158	18	130	14
KY-5	1	6%	$1	$1	10	10	20	20
LA-1	4	29%	$7,775,000	$1,943,750	416	104	13	3
LA-4	4	29%	$1,071,226	$267,807	122	31	110	28
LA-5	6	43%	$1,473,875	$245,646	814	136	96	16
MA-1	4	44%	$1,029,840	$257,460	75	19	48	12
MA-2	3	33%	$37,000	$12,333	11	4	1	0
MA-3	2	22%	$23,000	$11,500	4	2	0	0
MD-2	1	4%	$495,000	$495,000	60	60	2	2
MD-3	2	8%	$100,000	$50,000	24	12	686	343
MD-4	2	8%	$1,600,000	$800,000	80	40	3	2
MD-5	1	4%	$425,000	$425,000	180	180	0	0
MD-6	5	21%	$500,000	$100,000	350	70	28	6
MD-7	9	38%	$1,247,800	$138,644	674	75	3,678	409
MD-8	4	17%	$431,006	$107,752	332	83	2,316	579
ME-1	16	42%	$1,538,000	$96,125	1,492	93	75	5

Congressional District[1]	Project Count	% of State Projects	Total $	$/ Project	Total Job Months	Job Months/ Project	Total Miles	Miles/ Project
ME-2	22	58%	$1,350,381	$61,381	393	18	733	33
MI-1	9	47%	$1,973,000	$219,222	145	16	14	2
MI-2	4	21%	$53,750,000	$13,437,500	160	40	42	11
MI-3	2	11%	$577,000	$288,500	30	15	1	1
MI-10	1	5%	$1,400,000	$1,400,000	35	35	20	20
MI-12	1	5%	$55,000,000	$55,000,000	36	36	3	3
MI-14	2	11%	$58,600,000	$29,300,000	72	36	34	17
MN-7	1	33%	$200,000	$200,000	4	4	0	0
MN-8	2	67%	$3,802,500	$1,901,250	440	220	21	11
MO-3	1	13%	$50,000	$50,000	5	5	0	0
MO-4	3	38%	$3,150,000	$1,050,000	45	15	3	1
MO-5	2	25%	$300,000	$150,000	12	6	1	1
MO-6	1	13%	$40,000	$40,000	2	2	5	5
MO-8	1	13%	$100,000	$100,000	18	18	2	2
MT-0	39	100%	$37,089,000	$951,000	3,919	100	429	11
NC-1	2	2%	$0	$0	12	6	2	1
NC-2	2	2%	$1,125,000	$562,500	43	22	4	2
NC-3	4	4%	$3,850,000	$962,500	90	23	38	9
NC-4	4	4%	$3,500,000	$875,000	690	173	5	1
NC-5	20	21%	$7,674,000	$383,700	1,383	69	78	4
NC-6	15	16%	$15,151,577	$1,010,105	317	21	44	3
NC-7	4	4%	$2,427,000	$606,750	106	27	22	5
NC-8	1	1%	$879,000	$879,000	72	72	23	23
NC-9	3	3%	$955,000	$318,333	22	7	29	10
NC-10	10	11%	$14,904,680	$1,490,468	704	70	49	5
NC-11	9	10%	$3,631,000	$403,444	3,295	366	167	19
NC-13	20	21%	$6,283,016	$314,151	404	20	45	2
ND-0	3	100%	$190,000	$63,333	11	4	14	5
NH-1	9	47%	$372,500	$41,389	44	5	10	1
NH-2	10	53%	$9,318,228	$931,823	213	21	757	76
NJ-1	5	29%	$30,991,000	$6,198,200	568	114	10	2

Congressional District[1]	Project Count	% of State Projects	Total $	$/ Project	Total Job Months	Job Months/ Project	Total Miles	Miles/ Project
NJ-2	2	12%	$25,000	$12,500	3	2	4	2
NJ-5	3	18%	$86,000	$28,667	8	3	5	2
NJ-7	5	29%	$381,290	$76,258	85	17	260	52
NJ-12	2	12%	$443,750	$221,875	217	109	40	20
NM-1	3	15%	$2,650,000	$883,333	146	49	8	3
NM-2	5	25%	$1,115,200	$223,040	90	18	72	14
NM-3	12	60%	$17,700,670	$1,475,056	1,430	119	447	37
NV-1	1	9%	$1,000,000	$1,000,000	36	36	5	5
NV-2	6	55%	$65,660,000	$10,943,333	868	145	89	15
NV-4	4	36%	$3,424,000	$856,000	76	19	84	21
NY-1	1	5%	$2,000,000	$2,000,000	30	30	3	3
NY-2	1	5%	$1,200,000	$1,200,000	50	50	25	25
NY-10	1	5%	$0	$0	1	1	5	5
NY-17	5	24%	$423,350	$84,670	75	15	110	22
NY-18	4	19%	$1,593,750	$398,438	196	49	70	18
NY-21	1	5%	$0	$0	0	0	2	2
NY-22	4	19%	$11,200,000	$2,800,000	380	95	13	3
NY-23	2	10%	$300,000	$150,000	2	1	3	1
NY-27	2	10%	$3,300,000	$1,650,000	121	61	19	10
OH-1	8	25%	$47,855,000	$5,981,875	874	109	151	19
OH-2	5	16%	$3,052,000	$610,400	49	10	82	16
OH-5	1	3%	$100,000	$100,000	1	1	0	0
OH-7	2	6%	$560,000	$280,000	96	48	4	2
OH-8	3	9%	$2,869,000	$956,333	131	44	22	7
OH-10	3	9%	$1,422,500	$474,167	59	20	4	1
OH-11	1	3%	$1,850,000	$1,850,000	640	640	1	1
OH-12	3	9%	$1,016,000	$338,667	3	1	8	3
OH-13	2	6%	$3,300,000	$1,650,000	150	75	1	0
OH-15	2	6%	$268,000,000	$134,000,000	321	161	595	298
OH-16	2	6%	$3,000,000	$1,500,000	90	45	6	3
OR-1	19	22%	$14,237,300	$749,332	528	28	172	9

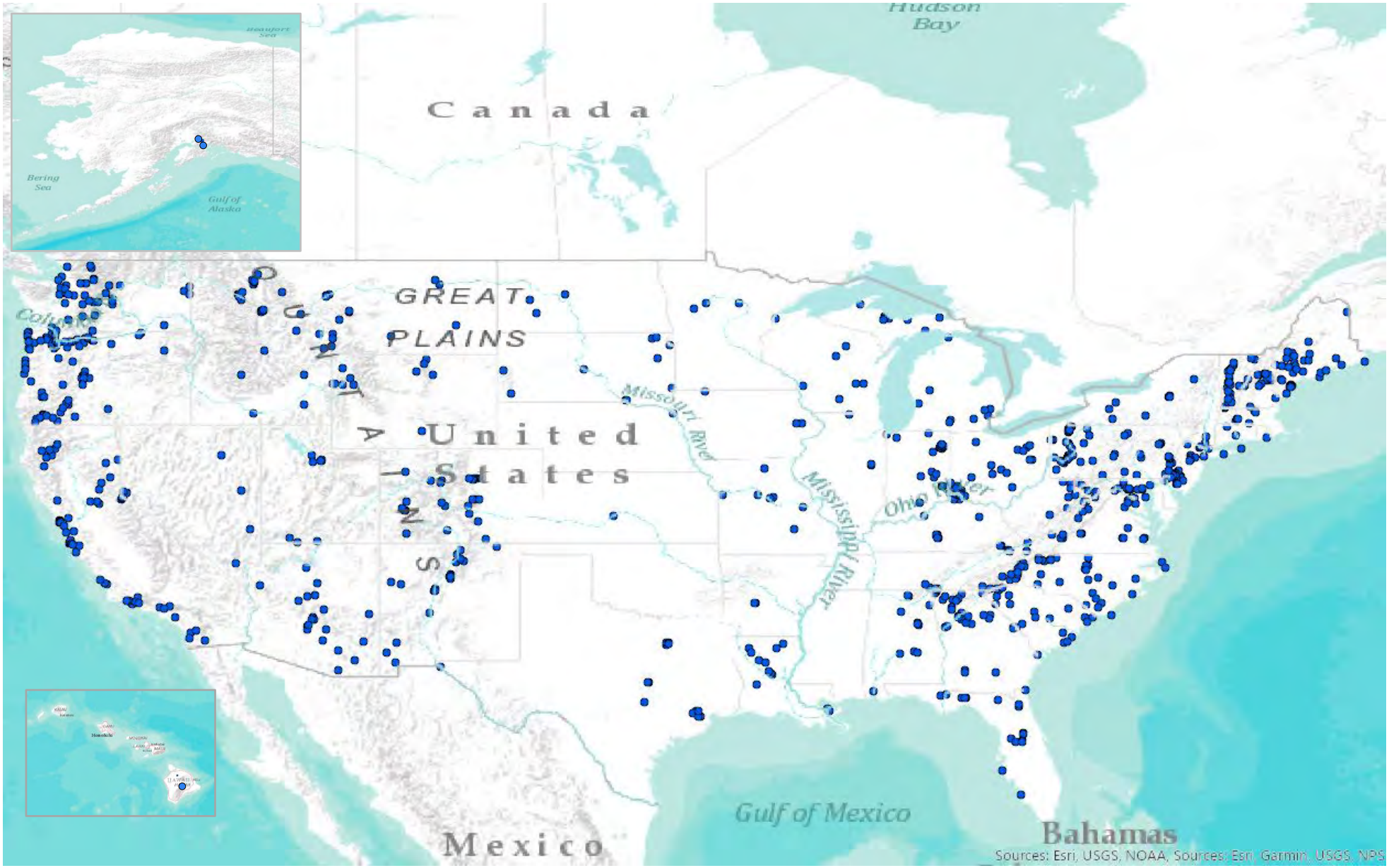
Congressional District[1]	Project Count	% of State Projects	Total $	$/ Project	Total Job Months	Job Months/ Project	Total Miles	Miles/ Project
OR-2	29	33%	$7,690,100	$265,176	1,198	41	716	25
OR-3	6	7%	$2,853,567	$475,595	170	28	24	4
OR-4	12	14%	$3,772,500	$314,375	936	78	111	9
OR-5	22	25%	$26,924,963	$1,223,862	1,897	86	1,002	46
PA-1	1	1%	$1,000,000	$1,000,000	50	50	1	1
PA-2	1	1%	$2,000,000	$2,000,000	540	540	0	0
PA-3	2	2%	$3,000,000	$1,500,000	1,230	615	120	60
PA-4	1	1%	$750,000	$750,000	12	12	3	3
PA-5	4	5%	$2,975,000	$743,750	2,050	513	1	0
PA-6	6	7%	$2,044,500	$340,750	938	156	3,401	567
PA-7	6	7%	$9,846,000	$1,641,000	718	120	13	2
PA-8	5	6%	$4,460,000	$892,000	312	62	15	3
PA-9	1	1%	$60,497	$60,497	200	200	1,000	1,000
PA-11	1	1%	$603,000	$603,000	216	216	6	6
PA-12	4	5%	$882,000	$220,500	1,608	402	1,005	251
PA-13	3	4%	$9,035,000	$3,011,667	642	214	198	66
PA-14	1	1%	$500,000	$500,000	30	30	2	2
PA-15	11	13%	$32,778,263	$2,979,842	1,791	163	110	10
PA-16	17	20%	$20,726,492	$1,219,205	1,228	72	61	4
PA-17	11	13%	$16,535,000	$1,503,182	588	53	44	4
PA-18	8	10%	$6,035,000	$754,375	512	64	82	10
RI-1	1	100%	$175,000	$175,000	180	180	680	680
SC-1	4	19%	$1,085,000	$271,250	144	36	5	1
SC-2	4	19%	$470,000	$117,500	145	36	25	6
SC-3	5	24%	$407,706	$81,541	38	8	12	2
SC-4	2	10%	$325,000	$162,500	24	12	8	4
SC-5	1	5%	$1,250,000	$1,250,000	4	4	0	0
SC-6	1	5%	$150,000	$150,000	16	16	1	1
SC-7	4	19%	$925,000	$231,250	74	19	1	0
SD-0	17	100%	$1,454,001	$85,529	51	3	514	30
TN-3	2	33%	$5,300,000	$2,650,000	21	11	3	1

Congressional District[1]	Project Count	% of State Projects	Total $	$/ Project	Total Job Months	Job Months/ Project	Total Miles	Miles/ Project
TN-4	4	67%	$1,440,000	$360,000	108	27	6	1
TX-2	1	7%	$12,895,000	$12,895,000	180	180	8	8
TX-7	1	7%	$750,000	$750,000	130	130	1	1
TX-9	2	14%	$4,330,000	$2,165,000	180	90	3	2
TX-16	1	7%	$2,000,000	$2,000,000	120	120	2	2
TX-17	0	0%	$0	---	0	---	0	---
TX-18	2	14%	$19,620,000	$9,810,000	350	175	11	6
TX-21	1	7%	$2,000,000	$2,000,000	180	180	2	2
TX-30	4	29%	$85,000,000	$21,250,000	920	230	35	9
TX-31	2	14%	$270,000	$135,000	30	15	1	1
UT-2	5	45%	$3,420,020	$684,004	120	24	117	23
UT-3	6	55%	$183,000	$30,500	52	9	20	3
VA-1	1	3%	$6,000	$6,000	120	120	1	1
VA-2	2	5%	$141,000	$70,500	644	322	40	20
VA-3	1	3%	$2,000,000	$2,000,000	530	530	0	0
VA-4	2	5%	$7,149,103	$3,574,552	13	7	6	3
VA-6	11	28%	$9,831,823	$893,802	658	60	2,676	243
VA-8	3	8%	$8,866,000	$2,955,333	610	203	6	2
VA-9	16	41%	$764,350	$47,772	1,131	71	23	1
VA-11	3	8%	$550,000	$183,333	128	43	4	1
VT-0	30	100%	$4,660,166	$155,339	821	27	346	12
WA-1	10	23%	$5,955,000	$595,500	913	91	101	10
WA-2	4	9%	$450,000	$112,500	26	7	9	2
WA-3	7	16%	$1,855,000	$265,000	386	55	114	16
WA-4	1	2%	$500,000	$500,000	420	420	20	20
WA-5	4	9%	$150,000	$37,500	45	11	10	2
WA-6	2	5%	$520,000	$260,000	60	30	18	9
WA-7	2	5%	$430,000	$215,000	23	12	1	1
WA-8	12	27%	$1,654,800	$137,900	548	46	239	20
WA-9	1	2%	$150,000	$150,000	16	16	0	0
WA-10	1	2%	$5,000,000	$5,000,000	0	0	5	5

Congressional District[1]	Project Count	% of State Projects	Total $	$/ Project	Total Job Months	Job Months/ Project	Total Miles	Miles/ Project
WI-2	3	25%	$2,165,000	$721,667	18	6	2	1
WI-3	4	33%	$48,000	$12,000	18	5	5	1
WI-6	2	17%	$145,000	$72,500	45	23	152	76
WI-7	3	25%	$142,500	$47,500	86	29	28	9
WV-1	4	33%	$1,200,000	$300,000	851	213	15	4
WV-2	6	50%	$250,389	$41,732	634	106	8,420	1,403
WV-3	2	17%	$815,484	$407,742	48	24	60	30
WY-0	11	100%	$1,365,000	$124,091	195	18	260	24
All projects	**1,028**	---	**$1,827,885,353**	**$1,778,099**	**83,340**	**81**	**39,149**	**38**

[1] Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.

Figure 3: National map of projects included in the American Trails "Shovel-ready" Trail Project Survey




NTC

Table 11: Project initiation timeline by land type

Land Type[1]	Summer 2020	Fall 2020	Winter 2020-2021	Spring 2021	Summer 2021	% Able to Start in 2020[3]
All Federal[2]	84	45	15	56	62	49%
US Forest Service	70	30	12	39	50	50%
US National Park Service	5	3	1	12	10	26%
US Bureau of Land Management	11	11	2	5	10	56%
US Fish & Wildlife Service	9	3	0	2	0	86%
US Army Corp of Engineers	0	0	0	0	0	0%
Tribal	0	1	2	1	0	25%
State	80	55	24	54	53	51%
County, Municipal, or Local	182	114	56	96	58	58%
NGO or Non-profit	52	35	19	18	15	63%
Private	43	37	28	32	33	46%
All Projects	**335**	**224**	**108**	**190**	**162**	**54%**

1 One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.

2 One project can include multiple federal land agencies (e.g., a trial project that crosses both US Forest Service and Bureau of Land Management lands). Consequently, the sum of values across federal land management agencies may be greater than the value for all federal lands.

3 Includes projects able to begin in summer or fall of 2020.

Table 12: Project initiation timeline by state

State[1]	Summer 2020	Fall 2020	Winter 2020-2021	Spring 2021	Summer 2021	% Able to Start in 2020[2]
Alabama	2	8	2	0	1	77%
Alaska	2	0	0	1	0	67%
Arizona	10	10	3	2	2	74%
Arkansas	0	0	2	0	0	0%
California	16	10	9	23	5	41%
Colorado	11	1	1	9	4	46%
Connecticut	0	0	0	0	2	0%
District of Columbia	0	0	0	2	2	0%
Delaware	1	0	0	1	0	50%
Florida	2	3	4	4	4	29%
Georgia	13	18	9	3	6	63%
Hawaii	1	0	0	0	0	100%
Idaho	0	0	2	1	2	0%
Illinois	2	0	0	1	0	67%
Indiana	8	6	2	3	6	56%
Iowa	0	2	0	1	0	67%
Kansas	2	0	0	0	0	100%
Kentucky	16	1	1	0	0	94%
Louisiana	1	5	4	0	4	43%
Maine	12	8	3	3	11	54%
Maryland	8	4	3	5	4	50%
Massachusetts	3	2	0	2	2	56%
Michigan	6	5	1	2	4	61%
Minnesota	0	2	0	1	0	67%
Mississippi	0	0	0	0	0	0%
Missouri	3	2	1	1	1	63%
Montana	18	13	2	2	4	79%
Nebraska	0	0	0	0	0	0%
Nevada	8	1	0	0	2	82%
New Hampshire	0	3	0	3	12	17%

State[1]	Summer 2020	Fall 2020	Winter 2020-2021	Spring 2021	Summer 2021	% Able to Start in 2020[2]
New Jersey	4	2	5	6	0	35%
New Mexico	3	4	0	3	10	35%
New York	4	10	1	3	3	67%
North Carolina	42	28	18	4	2	74%
North Dakota	3	0	0	0	0	100%
Ohio	19	6	2	2	3	78%
Oklahoma	0	0	0	0	0	0%
Oregon	22	26	6	25	9	55%
Pennsylvania	18	12	18	20	15	36%
Rhode Island	0	0	1	0	0	0%
South Carolina	4	0	0	13	2	21%
South Dakota	0	2	0	3	12	12%
Tennessee	3	1	1	1	0	67%
Texas	6	2	3	1	2	57%
Utah	5	2	0	3	0	70%
Vermont	6	3	1	8	12	30%
Virginia	12	9	2	14	2	54%
Washington	25	6	0	8	5	70%
West Virginia	2	3	0	5	2	42%
Wisconsin	6	4	0	0	2	83%
Wyoming	0	0	1	1	3	0%
All Projects	**335**	**224**	**108**	**190**	**162**	**55%**

[1] Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.
[2] Includes projects able to begin in summer or fall of 2020.

Table 13: Project initiation timeline by congressional district

Congressional District[1]	Summer 2020	Fall 2020	Winter 2020-2021	Spring 2021	Summer 2021	% Able to Start in 2020[2]
AK-0	2	0	0	1	0	67%
AL-1	0	0	0	0	1	0%
AL-2	0	1	0	0	0	100%
AL-3	2	3	1	0	0	83%
AL-4	0	1	0	0	0	100%
AL-5	0	2	1	0	0	67%
AL-7	0	1	0	0	0	100%
AR-4	0	0	2	0	0	0%
AZ-1	2	1	0	1	1	60%
AZ-2	2	1	0	0	0	100%
AZ-3	0	1	0	0	0	100%
AZ-4	1	3	1	1	1	57%
AZ-6	3	2	1	0	0	83%
AZ-7	2	2	0	0	0	100%
AZ-9	0	0	1	0	0	0%
CA-1	2	2	0	1	0	80%
CA-2	1	1	0	12	2	13%
CA-4	2	1	1	4	0	38%
CA-5	1	0	1	0	0	50%
CA-12	0	0	0	1	0	0%
CA-14	0	0	0	1	0	0%
CA-17	0	0	1	0	0	0%
CA-18	2	1	1	1	0	60%
CA-20	1	0	0	1	1	33%
CA-24	5	3	0	1	0	89%
CA-26	1	1	0	0	0	100%
CA-27	1	0	0	0	0	100%
CA-28	0	1	1	1	0	33%
CA-39	0	0	0	0	1	0%
CA-50	0	0	3	0	1	0%

Congressional District[1]	Summer 2020	Fall 2020	Winter 2020-2021	Spring 2021	Summer 2021	% Able to Start in 2020[2]
CA-52	0	0	1	0	0	0%
CO-1	2	0	0	2	0	50%
CO-2	0	1	0	0	1	50%
CO-3	4	0	1	5	2	33%
CO-4	0	0	0	1	0	0%
CO-5	5	0	0	1	0	83%
CO-7	0	0	0	0	1	0%
CT-1	0	0	0	0	1	0%
CT-3	0	0	0	0	1	0%
DC-0	0	0	0	2	2	0%
DE-0	1	0	0	1	0	50%
FL-2	0	2	2	1	0	40%
FL-3	0	0	0	1	1	0%
FL-5	0	0	2	0	0	0%
FL-6	0	0	0	1	1	0%
FL-11	2	0	0	0	1	67%
FL-15	0	0	0	1	0	0%
FL-16	0	1	0	0	0	100%
FL-19	0	0	0	0	1	0%
GA-1	1	0	0	0	0	100%
GA-2	2	0	1	0	0	67%
GA-3	0	2	0	0	0	100%
GA-4	1	2	0	1	1	60%
GA-6	0	1	1	0	0	50%
GA-7	5	4	6	0	2	53%
GA-9	1	1	0	2	0	50%
GA-10	1	1	1	0	0	67%
GA-11	0	3	0	0	0	100%
GA-12	0	1	0	0	3	25%
GA-14	2	3	0	0	0	100%
HI-2	1	0	0	0	0	100%

Congressional District[1]	Summer 2020	Fall 2020	Winter 2020-2021	Spring 2021	Summer 2021	% Able to Start in 2020[2]
IA-1	0	1	0	1	0	50%
IA-4	0	1	0	0	0	100%
ID-2	0	0	2	1	2	0%
IL-15	2	0	0	0	0	100%
IL-16	0	0	0	1	0	0%
IN-1	1	2	0	0	0	100%
IN-2	0	1	0	1	0	50%
IN-3	3	1	0	2	6	33%
IN-6	3	2	1	0	0	83%
IN-7	1	0	0	0	0	100%
IN-9	0	0	1	0	0	0%
KS-1	2	0	0	0	0	100%
KY-1	6	0	1	0	0	86%
KY-2	0	0	0	0	0	---
KY-3	0	1	0	0	0	100%
KY-4	9	0	0	0	0	100%
KY-5	1	0	0	0	0	100%
LA-1	0	0	0	0	4	0%
LA-4	1	2	1	0	0	75%
LA-5	0	3	3	0	0	50%
MA-1	2	0	0	1	1	50%
MA-2	0	1	0	1	1	33%
MA-3	1	1	0	0	0	100%
MD-2	0	0	0	0	1	0%
MD-3	1	0	0	1	0	50%
MD-4	0	0	0	0	2	0%
MD-5	0	1	0	0	0	100%
MD-6	2	1	1	0	1	60%
MD-7	3	2	2	2	0	56%
MD-8	2	0	0	2	0	50%
ME-1	4	6	3	3	0	63%

Congressional District[1]	Summer 2020	Fall 2020	Winter 2020-2021	Spring 2021	Summer 2021	% Able to Start in 2020[2]
ME-2	8	2	0	0	11	48%
MI-1	2	1	0	2	3	38%
MI-2	1	2	1	0	0	75%
MI-3	0	1	0	0	1	50%
MI-10	1	0	0	0	0	100%
MI-12	1	0	0	0	0	100%
MI-14	1	1	0	0	0	100%
MN-7	0	1	0	0	0	100%
MN-8	0	1	0	1	0	50%
MO-3	0	1	0	0	0	100%
MO-4	1	1	0	1	0	67%
MO-5	2	0	0	0	0	100%
MO-6	0	0	0	0	1	0%
MO-8	0	0	1	0	0	0%
MT-0	18	13	2	2	4	79%
NC-1	2	0	0	0	0	100%
NC-2	0	2	0	0	0	100%
NC-3	1	1	1	0	1	50%
NC-4	3	1	0	0	0	100%
NC-5	14	3	3	0	0	85%
NC-6	10	5	0	0	0	100%
NC-7	1	0	2	1	0	25%
NC-8	0	1	0	0	0	100%
NC-9	0	0	0	3	0	0%
NC-10	3	4	3	0	0	70%
NC-11	2	5	1	0	1	78%
NC-13	6	6	8	0	0	60%
ND-0	3	0	0	0	0	100%
NH-1	0	3	0	0	5	38%
NH-2	0	0	0	3	7	0%
NJ-1	0	0	1	4	0	0%

Congressional District[1]	Summer 2020	Fall 2020	Winter 2020-2021	Spring 2021	Summer 2021	% Able to Start in 2020[2]
NJ-2	0	1	1	0	0	50%
NJ-5	3	0	0	0	0	100%
NJ-7	1	1	2	1	0	40%
NJ-12	0	0	1	1	0	0%
NM-1	0	1	0	2	0	33%
NM-2	0	0	0	0	5	0%
NM-3	3	3	0	1	5	50%
NV-1	1	0	0	0	0	100%
NV-2	3	1	0	0	2	67%
NV-4	4	0	0	0	0	100%
NY-1	0	1	0	0	0	100%
NY-2	0	0	0	0	1	0%
NY-10	1	0	0	0	0	100%
NY-17	2	3	0	0	0	100%
NY-18	1	2	1	0	0	75%
NY-21	0	0	0	0	1	0%
NY-22	0	0	0	3	1	0%
NY-23	0	2	0	0	0	100%
NY-27	0	2	0	0	0	100%
OH-1	7	0	0	0	1	88%
OH-2	5	0	0	0	0	100%
OH-5	1	0	0	0	0	100%
OH-7	1	0	1	0	0	50%
OH-8	1	0	0	0	2	33%
OH-10	1	1	1	0	0	67%
OH-11	0	1	0	0	0	100%
OH-12	2	0	0	1	0	67%
OH-13	0	2	0	0	0	100%
OH-15	1	0	0	1	0	50%
OH-16	0	2	0	0	0	100%
OR-1	4	8	2	5	0	63%

Congressional District[1]	Summer 2020	Fall 2020	Winter 2020-2021	Spring 2021	Summer 2021	% Able to Start in 2020[2]
OR-2	7	9	0	9	4	55%
OR-3	0	3	0	1	2	50%
OR-4	3	2	2	2	3	42%
OR-5	8	4	2	8	0	55%
PA-1	0	0	1	0	0	0%
PA-2	0	0	0	1	0	0%
PA-3	0	0	0	1	1	0%
PA-4	0	0	1	0	0	0%
PA-5	1	1	0	2	0	50%
PA-6	0	0	4	1	1	0%
PA-7	0	2	1	1	2	33%
PA-8	0	2	2	1	0	40%
PA-9	0	0	0	1	0	0%
PA-11	0	0	1	0	0	0%
PA-12	1	0	0	3	0	25%
PA-13	3	0	0	0	0	100%
PA-14	1	0	0	0	0	100%
PA-15	3	3	4	0	1	55%
PA-16	8	2	2	4	1	59%
PA-17	1	0	1	4	5	9%
PA-18	0	2	1	1	4	25%
RI-1	0	0	1	0	0	0%
SC-1	0	0	0	3	1	0%
SC-2	1	0	0	3	0	25%
SC-3	2	0	0	3	0	40%
SC-4	0	0	0	1	1	0%
SC-5	1	0	0	0	0	100%
SC-6	0	0	0	1	0	0%
SC-7	0	0	0	2	0	0%
SD-0	0	2	0	3	12	12%
TN-3	1	0	1	0	0	50%

Congressional District[1]	Summer 2020	Fall 2020	Winter 2020-2021	Spring 2021	Summer 2021	% Able to Start in 2020[2]
TN-4	2	1	0	1	0	75%
TX-2	1	0	0	0	0	100%
TX-7	1	0	0	0	0	100%
TX-9	1	1	0	0	0	100%
TX-16	0	0	0	1	0	0%
TX-17	0	0	0	0	0	0%
TX-18	1	0	0	0	1	50%
TX-21	1	0	0	0	0	100%
TX-30	0	0	3	0	1	0%
TX-31	1	1	0	0	0	100%
UT-2	2	2	0	0	0	100%
UT-3	3	0	0	3	0	50%
VA-1	1	0	0	0	0	100%
VA-2	1	0	1	0	0	50%
VA-3	0	1	0	0	0	100%
VA-4	0	2	0	0	0	100%
VA-6	5	1	0	4	1	55%
VA-8	2	0	0	0	1	67%
VA-9	2	4	1	9	0	38%
VA-11	1	1	0	1	0	67%
VT-0	6	3	1	8	12	30%
WA-1	4	0	0	2	4	40%
WA-2	4	0	0	0	0	100%
WA-3	2	1	0	4	0	43%
WA-4	1	0	0	0	0	100%
WA-5	2	1	0	1	0	75%
WA-6	0	2	0	0	0	100%
WA-7	1	1	0	0	0	100%
WA-8	11	0	0	0	1	92%
WA-9	0	0	0	1	0	0%
WA-10	0	1	0	0	0	100%

Congressional District[1]	Summer 2020	Fall 2020	Winter 2020-2021	Spring 2021	Summer 2021	% Able to Start in 2020[2]
WI-2	1	1	0	0	1	67%
WI-3	4	0	0	0	0	100%
WI-6	0	1	0	0	1	50%
WI-7	1	2	0	0	0	100%
WV-1	2	1	0	1	0	75%
WV-2	0	1	0	3	2	17%
WV-3	0	1	0	1	0	50%
WY-0	6	0	1	1	3	55%
All projects	**335**	**224**	**108**	**190**	**162**	**55%**

[1] Each project is only listed for one congressional district even though the trails, projects, user population, and economic impacts may span several districts.
[2] Includes projects able to begin in summer or fall of 2020.

Table 14: Project use and user characteristics by land type (percentage)

Land Type[1]	Accessible	Non-motorized[3]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[3]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
All Federal[2]	42%	98%	96%	57%	64%	20%	15%	13%	9%	5%	3%	1%	89%
US Forest Service	38%	98%	96%	60%	64%	23%	16%	15%	10%	5%	4%	1%	91%
US National Park Service	30%	97%	97%	24%	30%	0%	0%	0%	0%	0%	0%	0%	82%
US Bureau of Land Management	62%	100%	100%	72%	87%	18%	15%	13%	5%	5%	0%	0%	92%
US Fish & Wildlife Service	57%	100%	93%	43%	64%	29%	21%	14%	14%	21%	14%	7%	79%
US Army Corp of Engineers	---	---	---	---	---	---	---	---	---	---	---	---	---
Tribal	40%	40%	40%	0%	40%	20%	0%	0%	0%	0%	0%	0%	40%
State	54%	97%	96%	27%	60%	19%	12%	10%	3%	3%	5%	7%	63%
County, Municipal, or Local	74%	98%	95%	18%	84%	15%	6%	3%	1%	1%	4%	6%	48%
NGO or Non-profit	71%	96%	95%	25%	75%	23%	15%	11%	4%	1%	4%	11%	57%
Private	77%	95%	94%	22%	78%	17%	5%	4%	3%	3%	2%	3%	47%
All Projects	**60%**	**97%**	**95%**	**29%**	**71%**	**18%**	**10%**	**6%**	**3%**	**2%**	**4%**	**4%**	**63%**

1 One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.

2 One project can include multiple federal land agencies (e.g., a trial project that crosses both US Forest Service and Bureau of Land Management lands). Consequently, the sum of values across federal land management agencies may be greater than the value for all federal lands.

3 If a project's trails or products could be used by any type of non-motorized user (i.e., pedestrian, equestrian, cyclist, non-motorized on-snow user), it was coded as a non-motorized project. If a project's trails or products could be used by any type of motorized user (i.e., motorcycles, ATVs or side-by-sides, jeeps or trucks, motorized on-snow user), it was coded as a motorized project. A single project can be both non-motorized and motorized.

Table 15: Project use and user characteristics by state (percentage)

State[1]	Accessible	Non-motorized[2]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[2]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
Alabama	92%	100%	100%	8%	62%	0%	8%	8%	0%	8%	0%	0%	77%
Alaska	100%	100%	100%	100%	100%	100%	67%	67%	67%	67%	67%	0%	100%
Arizona	54%	100%	100%	82%	75%	0%	4%	4%	4%	0%	0%	0%	79%
Arkansas	100%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%
California	40%	100%	98%	67%	78%	2%	2%	2%	0%	0%	0%	2%	89%
Colorado	65%	100%	96%	62%	85%	19%	12%	12%	4%	4%	0%	0%	81%
Connecticut	50%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
District of Columbia	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
Delaware	75%	50%	50%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%
Florida	82%	100%	94%	12%	88%	0%	0%	0%	0%	0%	0%	6%	47%
Georgia	82%	98%	96%	6%	90%	0%	0%	0%	0%	0%	0%	2%	47%
Hawaii	0%	100%	100%	100%	100%	0%	100%	100%	100%	100%	0%	0%	100%
Idaho	20%	100%	100%	80%	80%	20%	20%	20%	0%	0%	0%	0%	80%
Illinois	67%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	33%
Indiana	92%	100%	100%	0%	96%	40%	0%	0%	0%	0%	0%	0%	12%
Iowa	67%	100%	100%	0%	100%	67%	33%	0%	0%	0%	33%	0%	33%
Kansas	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Kentucky	94%	100%	100%	22%	100%	6%	6%	0%	6%	0%	6%	22%	72%
Louisiana	100%	79%	79%	50%	57%	0%	57%	50%	43%	0%	0%	0%	36%
Maine	47%	97%	97%	16%	55%	63%	11%	0%	3%	0%	11%	3%	92%
Maryland	42%	79%	79%	17%	67%	4%	13%	13%	0%	0%	0%	4%	58%
Massachusetts	33%	100%	100%	33%	44%	44%	0%	0%	0%	0%	0%	0%	78%
Michigan	84%	100%	100%	5%	79%	11%	21%	0%	0%	0%	21%	0%	42%
Minnesota	67%	100%	100%	0%	33%	33%	33%	0%	0%	0%	33%	0%	33%
Mississippi	---	---	---	---	---	---	---	---	---	---	---	---	---
Missouri	100%	100%	100%	0%	63%	0%	0%	0%	0%	0%	0%	0%	50%
Montana	72%	100%	97%	49%	95%	31%	26%	26%	18%	8%	0%	0%	56%

State[1]	Accessible	Non-motorized[2]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[2]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
Nebraska	---	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	27%	100%	100%	64%	82%	18%	9%	9%	9%	9%	0%	0%	91%
New Hampshire	0%	95%	89%	11%	21%	37%	0%	0%	0%	0%	0%	0%	95%
New Jersey	82%	100%	100%	12%	76%	0%	35%	35%	0%	0%	0%	24%	29%
New Mexico	70%	100%	100%	70%	100%	15%	20%	10%	10%	15%	5%	0%	65%
New York	86%	95%	95%	10%	62%	33%	29%	19%	0%	0%	10%	29%	48%
North Carolina	43%	98%	96%	7%	53%	0%	0%	0%	0%	0%	0%	7%	64%
North Dakota	33%	100%	67%	33%	67%	33%	0%	0%	0%	0%	0%	0%	67%
Ohio	84%	100%	97%	22%	100%	16%	0%	0%	0%	0%	0%	13%	56%
Oklahoma	---	---	---	---	---	---	----	---	---	---	---	---	---
Oregon	40%	92%	91%	40%	56%	10%	10%	10%	5%	3%	3%	7%	70%
Pennsylvania	88%	94%	93%	42%	86%	31%	27%	11%	4%	2%	16%	6%	35%
Rhode Island	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
South Carolina	67%	100%	100%	0%	52%	0%	0%	0%	0%	0%	0%	0%	48%
South Dakota	35%	100%	100%	41%	76%	24%	0%	0%	0%	0%	0%	0%	6%
Tennessee	50%	100%	100%	0%	67%	0%	0%	0%	0%	0%	0%	0%	50%
Texas	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	21%
Utah	82%	100%	73%	36%	91%	27%	9%	9%	9%	9%	9%	0%	91%
Vermont	50%	100%	100%	7%	53%	77%	13%	0%	0%	0%	13%	0%	93%
Virginia	31%	100%	100%	13%	82%	18%	0%	0%	0%	0%	0%	5%	82%
Washington	41%	100%	86%	43%	61%	18%	7%	7%	7%	7%	7%	2%	91%
West Virginia	33%	92%	92%	8%	33%	17%	0%	0%	0%	0%	0%	8%	83%
Wisconsin	42%	100%	100%	0%	25%	42%	0%	0%	0%	0%	0%	0%	75%
Wyoming	45%	100%	91%	91%	55%	36%	18%	0%	0%	0%	18%	0%	100%
All Projects	**60%**	**97%**	**95%**	**29%**	**71%**	**18%**	**10%**	**6%**	**3%**	**2%**	**4%**	**4%**	**63%**

1 Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.

2 If a project's trails or products could be used by any type of non-motorized user (i.e., pedestrian, equestrian, cyclist, non-motorized on-snow user), it was coded as a non-motorized project. If a project's trails or products could be used by any type of motorized user (i.e., motorcycles, ATVs or side-by-sides, jeeps or trucks, motorized on-snow user), it was coded as a motorized project. A single project can be both non-motorized and motorized.

Table 16: Project use and user characteristics by congressional district (percentage)

Congressional District[1]	Accessible	Non-motorized[2]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[2]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
AK-0	100%	100%	100%	100%	100%	100%	67%	67%	67%	67%	67%	0%	100%
AL-1	100%	100%	100%	0%	100%	0%	100%	100%	0%	100%	0%	0%	0%
AL-2	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
AL-3	100%	100%	100%	0%	33%	0%	0%	0%	0%	0%	0%	0%	83%
AL-4	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
AL-5	67%	100%	100%	33%	100%	0%	0%	0%	0%	0%	0%	0%	100%
AL-7	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
AR-4	100%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%
AZ-1	67%	100%	100%	83%	83%	0%	0%	0%	0%	0%	0%	0%	67%
AZ-2	67%	100%	100%	67%	67%	0%	33%	33%	33%	0%	0%	0%	100%
AZ-3	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%
AZ-4	57%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%
AZ-6	67%	100%	100%	67%	33%	0%	0%	0%	0%	0%	0%	0%	50%
AZ-7	25%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%
AZ-9	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CA-1	40%	100%	100%	80%	100%	20%	0%	0%	0%	0%	0%	0%	100%
CA-2	38%	100%	100%	81%	50%	0%	6%	6%	0%	0%	0%	0%	100%
CA-4	63%	100%	100%	38%	88%	0%	0%	0%	0%	0%	0%	0%	50%
CA-5	50%	100%	100%	50%	100%	0%	0%	0%	0%	0%	0%	0%	50%
CA-12	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
CA-14	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%
CA-17	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
CA-18	80%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%
CA-20	67%	100%	67%	0%	67%	0%	0%	0%	0%	0%	0%	33%	67%
CA-24	11%	100%	100%	56%	89%	0%	0%	0%	0%	0%	0%	0%	100%
CA-26	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%
CA-27	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%

Congressional District[1]	Accessible	Non-motorized[2]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[2]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
CA-28	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
CA-39	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%
CA-50	0%	100%	100%	50%	100%	0%	0%	0%	0%	0%	0%	0%	100%
CA-52	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%
CO-1	75%	100%	100%	25%	100%	25%	25%	25%	0%	0%	0%	0%	25%
CO-2	100%	100%	50%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
CO-3	67%	100%	100%	83%	92%	25%	17%	17%	8%	8%	0%	0%	92%
CO-4	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
CO-5	50%	100%	100%	67%	67%	17%	0%	0%	0%	0%	0%	0%	83%
CO-7	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%
CT-1	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
CT-3	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
DC-0	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
DE-0	75%	50%	50%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%
FL-2	60%	100%	100%	0%	60%	0%	0%	0%	0%	0%	0%	20%	80%
FL-3	50%	100%	50%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
FL-5	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	50%
FL-6	100%	100%	100%	50%	100%	0%	0%	0%	0%	0%	0%	0%	50%
FL-11	100%	100%	100%	33%	100%	0%	0%	0%	0%	0%	0%	0%	0%
FL-15	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
FL-16	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
FL-19	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
GA-1	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
GA-2	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
GA-3	0%	100%	100%	50%	100%	0%	0%	0%	0%	0%	0%	0%	100%
GA-4	60%	100%	100%	0%	80%	0%	0%	0%	0%	0%	0%	0%	40%
GA-6	50%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	50%
GA-7	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	12%

Congressional District[1]	Accessible	Non-motorized[2]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[2]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
GA-9	75%	75%	75%	0%	50%	0%	0%	0%	0%	0%	0%	0%	100%
GA-10	67%	100%	67%	0%	100%	0%	0%	0%	0%	0%	0%	0%	33%
GA-11	100%	100%	100%	67%	67%	0%	0%	0%	0%	0%	0%	0%	100%
GA-12	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	25%	75%
GA-14	60%	100%	100%	0%	80%	0%	0%	0%	0%	0%	0%	0%	100%
HI-2	0%	100%	100%	100%	100%	0%	100%	100%	100%	100%	0%	0%	100%
IA-1	50%	100%	100%	0%	100%	50%	0%	0%	0%	0%	0%	0%	50%
IA-4	100%	100%	100%	0%	100%	100%	100%	0%	0%	0%	100%	0%	0%
ID-2	20%	100%	100%	80%	80%	20%	20%	20%	0%	0%	0%	0%	80%
IL-15	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
IL-16	0%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
IN-1	33%	100%	100%	0%	100%	67%	0%	0%	0%	0%	0%	0%	67%
IN-2	100%	100%	100%	0%	100%	50%	0%	0%	0%	0%	0%	0%	0%
IN-3	100%	100%	100%	0%	100%	8%	0%	0%	0%	0%	0%	0%	0%
IN-6	100%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%
IN-7	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
IN-9	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
KS-1	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
KY-1	100%	100%	100%	14%	100%	0%	0%	0%	0%	0%	0%	14%	57%
KY-2	---	---	---	---	---	---	---	---	---	---	---	---	---
KY-3	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	100%	100%
KY-4	89%	100%	100%	33%	100%	11%	11%	0%	11%	0%	11%	22%	78%
KY-5	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
LA-1	100%	100%	100%	75%	100%	0%	0%	0%	0%	0%	0%	0%	0%
LA-4	100%	75%	75%	75%	75%	0%	100%	100%	100%	0%	0%	0%	25%
LA-5	100%	67%	67%	17%	17%	0%	67%	50%	33%	0%	0%	0%	67%
MA-1	75%	100%	100%	50%	75%	75%	0%	0%	0%	0%	0%	0%	50%
MA-2	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%

Congressional District[1]	Accessible	Non-motorized[2]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[2]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
MA-3	0%	100%	100%	50%	50%	50%	0%	0%	0%	0%	0%	0%	100%
MD-2	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
MD-3	0%	50%	50%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%
MD-4	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
MD-5	100%	100%	100%	0%	100%	0%	100%	100%	0%	0%	0%	0%	100%
MD-6	40%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
MD-7	33%	56%	56%	33%	56%	0%	22%	22%	0%	0%	0%	11%	33%
MD-8	25%	100%	100%	25%	25%	25%	0%	0%	0%	0%	0%	0%	75%
ME-1	88%	100%	100%	6%	81%	69%	6%	0%	0%	0%	6%	0%	94%
ME-2	18%	95%	95%	23%	36%	59%	14%	0%	5%	0%	14%	5%	91%
MI-1	67%	100%	100%	11%	56%	0%	44%	0%	0%	0%	44%	0%	56%
MI-2	100%	100%	100%	0%	100%	25%	0%	0%	0%	0%	0%	0%	25%
MI-3	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
MI-10	100%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	100%
MI-12	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
MI-14	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	50%
MN-7	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
MN-8	50%	100%	100%	0%	50%	50%	50%	0%	0%	0%	50%	0%	50%
MO-3	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
MO-4	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
MO-5	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
MO-6	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
MO-8	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
MT-0	72%	100%	97%	49%	95%	31%	26%	26%	18%	8%	0%	0%	56%
NC-1	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
NC-2	50%	100%	100%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%
NC-3	100%	100%	100%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%
NC-4	50%	100%	100%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%

Congressional District[1]	Accessible	Non-motorized[2]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[2]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
NC-5	35%	100%	95%	10%	55%	0%	0%	0%	0%	0%	0%	5%	90%
NC-6	40%	93%	93%	7%	67%	0%	0%	0%	0%	0%	0%	13%	73%
NC-7	75%	100%	100%	0%	25%	0%	0%	0%	0%	0%	0%	0%	50%
NC-8	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
NC-9	67%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	67%
NC-10	60%	100%	90%	0%	70%	0%	0%	0%	0%	0%	0%	0%	60%
NC-11	22%	100%	100%	33%	56%	0%	0%	0%	0%	0%	0%	0%	78%
NC-13	30%	95%	95%	0%	55%	0%	0%	0%	0%	0%	0%	20%	35%
ND-0	33%	100%	67%	33%	67%	33%	0%	0%	0%	0%	0%	0%	67%
NH-1	0%	89%	89%	22%	22%	67%	0%	0%	0%	0%	0%	0%	89%
NH-2	0%	100%	90%	0%	20%	10%	0%	0%	0%	0%	0%	0%	100%
NJ-1	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
NJ-2	0%	100%	100%	0%	50%	0%	0%	0%	0%	0%	0%	0%	100%
NJ-5	67%	100%	100%	67%	0%	0%	0%	0%	0%	0%	0%	0%	100%
NJ-7	100%	100%	100%	0%	100%	0%	100%	100%	0%	0%	0%	60%	0%
NJ-12	100%	100%	100%	0%	100%	0%	50%	50%	0%	0%	0%	50%	0%
NM-1	100%	100%	100%	100%	100%	0%	33%	0%	0%	33%	0%	0%	0%
NM-2	20%	100%	100%	100%	100%	20%	0%	0%	0%	0%	0%	0%	100%
NM-3	83%	100%	100%	50%	100%	17%	25%	17%	17%	17%	8%	0%	67%
NV-1	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
NV-2	33%	100%	100%	83%	100%	33%	17%	17%	17%	17%	0%	0%	83%
NV-4	0%	100%	100%	50%	75%	0%	0%	0%	0%	0%	0%	0%	100%
NY-1	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
NY-2	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
NY-10	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
NY-17	100%	100%	100%	0%	80%	0%	60%	60%	0%	0%	0%	60%	40%
NY-18	75%	100%	100%	0%	50%	0%	25%	25%	0%	0%	0%	25%	50%
NY-21	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%

Congressional District[1]	Accessible	Non-motorized[2]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[2]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
NY-22	100%	75%	75%	0%	75%	75%	0%	0%	0%	0%	0%	0%	25%
NY-23	100%	100%	100%	50%	50%	100%	0%	0%	0%	0%	0%	0%	50%
NY-27	100%	100%	100%	50%	100%	100%	100%	0%	0%	0%	100%	50%	100%
OH-1	100%	100%	100%	25%	100%	13%	0%	0%	0%	0%	0%	13%	63%
OH-2	100%	100%	100%	20%	100%	0%	0%	0%	0%	0%	0%	20%	100%
OH-5	100%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
OH-7	50%	100%	100%	0%	100%	50%	0%	0%	0%	0%	0%	0%	50%
OH-8	67%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	33%
OH-10	67%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	33%
OH-11	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
OH-12	33%	100%	100%	67%	100%	0%	0%	0%	0%	0%	0%	0%	67%
OH-13	100%	100%	100%	0%	100%	50%	0%	0%	0%	0%	0%	100%	50%
OH-15	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	50%
OH-16	100%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%
OR-1	21%	79%	79%	26%	37%	0%	0%	0%	0%	0%	0%	16%	74%
OR-2	38%	100%	100%	55%	72%	21%	10%	10%	10%	7%	7%	0%	76%
OR-3	17%	100%	100%	50%	17%	33%	0%	0%	0%	0%	0%	0%	83%
OR-4	42%	100%	100%	67%	75%	8%	33%	33%	8%	8%	8%	0%	67%
OR-5	64%	86%	82%	14%	50%	0%	9%	9%	0%	0%	0%	14%	59%
PA-1	100%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%
PA-2	100%	100%	100%	0%	100%	0%	100%	100%	0%	0%	0%	100%	0%
PA-3	50%	100%	100%	0%	50%	0%	0%	0%	0%	0%	0%	50%	0%
PA-4	100%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%
PA-5	100%	100%	100%	0%	100%	0%	100%	100%	0%	0%	0%	0%	0%
PA-6	50%	33%	33%	17%	33%	0%	33%	33%	0%	17%	0%	33%	0%
PA-7	83%	100%	100%	67%	100%	0%	0%	0%	0%	0%	0%	0%	83%
PA-8	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	80%
PA-9	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%

Congressional District[1]	Accessible	Non-motorized[2]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[2]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
PA-11	100%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%
PA-12	50%	100%	100%	0%	25%	25%	0%	0%	0%	0%	0%	0%	100%
PA-13	100%	67%	67%	67%	67%	67%	67%	67%	67%	0%	0%	0%	100%
PA-14	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	100%	100%
PA-15	91%	100%	100%	55%	100%	55%	0%	0%	0%	0%	0%	0%	45%
PA-16	94%	100%	100%	88%	94%	82%	71%	0%	0%	0%	71%	0%	29%
PA-17	100%	100%	91%	9%	91%	0%	9%	0%	9%	9%	9%	0%	9%
PA-18	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
RI-1	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
SC-1	100%	100%	100%	0%	50%	0%	0%	0%	0%	0%	0%	0%	75%
SC-2	25%	100%	100%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%
SC-3	40%	100%	100%	0%	60%	0%	0%	0%	0%	0%	0%	0%	60%
SC-4	50%	100%	100%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%
SC-5	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
SC-6	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
SC-7	100%	100%	100%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%
SD-0	35%	100%	100%	41%	76%	24%	0%	0%	0%	0%	0%	0%	6%
TN-3	50%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	50%
TN-4	50%	100%	100%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%
TX-2	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
TX-7	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
TX-9	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
TX-16	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
TX-17	---	---	---	---	---	---	---	---	---	---	---	---	---
TX-18	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
TX-21	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
TX-30	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
TX-31	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%

Congressional District[1]	Accessible	Non-motorized[2]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[2]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
UT-2	80%	100%	100%	40%	100%	0%	0%	0%	0%	0%	0%	0%	80%
UT-3	83%	100%	50%	33%	83%	50%	17%	17%	17%	17%	17%	0%	100%
VA-1	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%
VA-2	100%	100%	100%	50%	50%	0%	0%	0%	0%	0%	0%	50%	100%
VA-3	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	100%	0%
VA-4	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
VA-6	45%	100%	100%	9%	73%	0%	0%	0%	0%	0%	0%	0%	82%
VA-8	67%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	33%
VA-9	0%	100%	100%	6%	81%	44%	0%	0%	0%	0%	0%	0%	100%
VA-11	0%	100%	100%	33%	100%	0%	0%	0%	0%	0%	0%	0%	100%
VT-0	50%	100%	100%	7%	53%	77%	13%	0%	0%	0%	13%	0%	93%
WA-1	20%	100%	100%	50%	10%	10%	0%	0%	0%	0%	0%	10%	70%
WA-2	50%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
WA-3	14%	100%	100%	71%	86%	14%	0%	0%	0%	0%	0%	0%	100%
WA-4	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
WA-5	25%	100%	75%	25%	100%	0%	0%	0%	0%	0%	0%	0%	75%
WA-6	50%	100%	50%	50%	100%	0%	0%	0%	0%	0%	0%	0%	100%
WA-7	0%	100%	100%	0%	50%	0%	0%	0%	0%	0%	0%	0%	100%
WA-8	75%	100%	75%	58%	92%	50%	25%	25%	25%	25%	25%	0%	100%
WA-9	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
WA-10	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
WI-2	100%	100%	100%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
WI-3	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
WI-6	50%	100%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
WI-7	33%	100%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%
WV-1	50%	100%	100%	0%	75%	50%	0%	0%	0%	0%	0%	0%	75%
WV-2	17%	83%	83%	0%	0%	0%	0%	0%	0%	0%	0%	17%	83%
WV-3	50%	100%	100%	50%	50%	0%	0%	0%	0%	0%	0%	0%	100%

Congressional District[1]	Accessible	Non-motorized[2]	Pedestrians	Equestrians	Cyclists	On-snow non-motorized	Motorized[2]	Motorcycles	ATVs & Side-by-sides	Jeeps & Trucks	On-snow motorized	Watercraft	Natural surface
WY-0	45%	100%	91%	91%	55%	36%	18%	0%	0%	0%	18%	0%	100%
All projects	**60%**	**97%**	**95%**	**29%**	**71%**	**18%**	**10%**	**6%**	**3%**	**2%**	**4%**	**4%**	**63%**

1 Each project is only listed for one congressional district even though the trails, projects, user population, and economic impacts may span several districts.

2 If a project's trails or products could be used by any type of non-motorized user (i.e., pedestrian, equestrian, cyclist, non-motorized on-snow user), it was coded as a non-motorized project. If a project's trails or products could be used by any type of motorized user (i.e., motorcycles, ATVs or side-by-sides, jeeps or trucks, motorized on-snow user), it was coded as a motorized project. A single project can be both non-motorized and motorized.

PROJECT RESULTS BY LAND TYPE & STATE

The number, total budgets ($), months of full-time equivalent employment, and miles of trails included in or connected to projects are presented for **all projects** in Table 17, Table 18, Table 19, and Table 20, respectively.

The number, total budgets ($), months of full-time equivalent employment, and miles of trails included in or connected to projects are presented for projects **with a maintenance component** (e.g., existing trail or structure maintenance) in Table 22, Table 23, Table 24, and Table 25, respectively. In addition to trail maintenance work, these projects can also include some non-maintenance work (e.g., new trail construction, new structure installation, information development, etc.). A brief discussion of federal trail maintenance backlog precedes presentation of maintenance-related results from the American Trails "Shovel-ready" Trail Project Survey (Table 21).

Table 17: All projects by land type and state – project count

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	US Army Corp of Engin.[3]	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
Alabama	1	1	0	0	0	0	0	3	8	4	2
Alaska	0	0	0	0	0	0	0	3	3	0	1
Arizona	14	10	0	5	0	0	0	2	13	0	7
Arkansas	0	0	0	0	0	0	0	1	2	0	0
California	30	27	1	2	0	0	0	9	22	4	8
Colorado	18	9	0	11	0	0	0	5	10	2	1
Connecticut	0	0	0	0	0	0	0	2	1	1	1
District of Columbia	2	0	2	0	0	0	0	1	2	0	0
Delaware	0	0	0	0	0	0	0	2	1	1	2
Florida	2	2	0	0	0	0	0	7	11	1	3
Georgia	4	2	2	0	0	0	0	5	35	10	19
Hawaii	0	0	0	0	0	0	0	1	0	0	0
Idaho	5	4	0	1	0	0	0	1	0	0	1
Illinois	0	0	0	0	0	0	0	0	1	3	0
Indiana	0	0	0	0	0	0	0	6	19	7	11
Iowa	0	0	0	0	0	0	0	1	3	0	0
Kansas	1	1	1	0	0	0	0	2	2	1	1
Kentucky	3	1	0	0	2	0	0	7	16	1	5
Louisiana	7	7	0	0	0	0	0	2	7	5	0
Maine	3	2	3	1	0	0	1	19	14	9	4
Maryland	4	0	4	0	0	0	2	9	11	6	4
Massachusetts	0	0	0	0	0	0	0	3	4	4	2
Michigan	3	1	2	0	0	0	0	6	13	3	3
Minnesota	1	0	0	0	1	0	0	2	2	0	1
Mississippi	0	0	0	0	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0	1	5	0	5
Montana	20	17	0	4	0	0	0	6	19	0	7
Nebraska	0	0	0	0	0	0	0	0	0	0	0
Nevada	8	5	0	4	0	0	0	5	2	0	1

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	US Army Corp of Engin.[3]	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
New Hampshire	8	7	1	0	0	0	0	5	2	2	4
New Jersey	0	0	0	0	0	0	0	7	11	2	1
New Mexico	15	9	0	5	2	0	1	5	7	0	6
New York	0	0	0	0	0	0	0	11	10	6	3
North Carolina	8	8	0	0	0	0	0	25	53	8	6
North Dakota	1	0	0	0	1	0	0	1	1	0	1
Ohio	2	1	1	0	0	0	0	4	25	7	6
Oklahoma	0	0	0	0	0	0	0	0	0	0	0
Oregon	37	33	1	4	5	0	0	26	40	4	8
Pennsylvania	4	2	2	0	0	0	1	19	45	22	30
Rhode Island	0	0	0	0	0	0	0	0	0	0	0
South Carolina	2	2	0	0	0	0	0	7	14	1	1
South Dakota	0	0	0	0	0	0	0	16	0	0	0
Tennessee	0	0	0	0	0	0	0	3	3	0	0
Texas	0	0	0	0	0	0	0	1	14	2	4
Utah	3	0	2	2	0	0	0	3	5	0	1
Vermont	12	12	1	0	0	0	0	4	5	4	4
Virginia	7	6	2	0	0	0	0	3	26	7	4
Washington	21	18	3	0	2	0	0	10	12	6	3
West Virginia	8	5	4	0	1	0	0	4	4	2	2
Wisconsin	1	1	0	0	0	0	0	3	7	5	1
Wyoming	10	9	1	0	0	0	0	0	0	0	1
All Projects[4]	**265**	**202**	**33**	**39**	**14**	**0**	**5**	**268**	**510**	**140**	**175**

[1] Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.
[2] One project can include multiple federal land agencies (e.g., a trial project that crosses both US Forest Service and Bureau of Land Management lands). Consequently, the sum of values across federal land management agencies may be greater than the value for all federal lands.
[3] This column is omitted from the remaining tables in this maintenance sub-section because project budget, employment, and/or mileage information was not provided.
[4] One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.

Table 18: All projects by land type and state – project budget ($)

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
Alabama	$4,000,000	$4,000,000	$0	$0	$0	$0	$0	$14,100,000	$20,195,000	$14,180,000
Alaska	$0	$0	$0	$0	$0	$0	$0	$7,800,000	$7,800,000	$0
Arizona	$3,541,159	$3,138,659	$0	$547,500	$0	$0	$0	$845,111	$5,801,611	$0
Arkansas	$0	$0	$0	$0	$0	$0	$0	$380,000	$710,000	$0
California	$18,572,002	$4,772,002	$800,000	$13,000,000	$0	$0	$0	$37,935,001	$69,508,826	$32,100,000
Colorado	$2,271,000	$1,476,000	$0	$1,193,000	$0	$0	$0	$25,998,000	$28,191,422	$20,098,000
Connecticut	$0	$0	$0	$0	$0	$0	$0	$66,562	$29,600	$29,600
District of Columbia	$8,020,000	$0	$8,020,000	$0	$0	$0	$0	$16,000,000	$28,000,000	$0
Delaware	$0	$0	$0	$0	$0	$0	$0	$325,300	$0	$0
Florida	$1,400,000	$1,400,000	$0	$0	$0	$0	$0	$9,367,150	$69,930,000	$3,000,000
Georgia	$9,380,000	$530,000	$8,850,000	$0	$0	$0	$0	$2,816,500	$238,297,500	$18,894,000
Hawaii	$0	$0	$0	$0	$0	$0	$0	$11,500,000	$0	$0
Idaho	$566,001	$566,000	$0	$1	$0	$0	$0	$1	$0	$0
Illinois	$0	$0	$0	$0	$0	$0	$0	$0	$80,000	$140,000
Indiana	$0	$0	$0	$0	$0	$0	$0	$11,105,000	$23,625,500	$7,680,000
Iowa	$0	$0	$0	$0	$0	$0	$0	$564,000	$12,834,000	$0
Kansas	$350,000	$350,000	$350,000	$0	$0	$0	$0	$850,000	$850,000	$350,000
Kentucky	$5,100,001	$1	$0	$0	$5,100,000	$0	$0	$23,200,000	$60,013,000	$6,000,000
Louisiana	$1,540,101	$1,540,101	$0	$0	$0	$0	$0	$1,691,000	$7,926,238	$1,296,226
Maine	$717,380	$654,559	$717,380	$404,559	$0	$0	$0	$438,583	$2,069,559	$1,077,298
Maryland	$2,016,006	$0	$2,016,006	$0	$0	$0	$185,000	$1,202,800	$634,800	$807,800
Massachusetts	$0	$0	$0	$0	$0	$0	$0	$66,840	$1,029,840	$127,840
Michigan	$3,275,000	$2,500,000	$775,000	$0	$0	$0	$0	$58,695,000	$169,800,000	$113,400,000
Minnesota	$200,000	$0	$0	$0	$200,000	$0	$0	$3,802,500	$3,802,500	$0
Mississippi	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Missouri	$0	$0	$0	$0	$0	$0	$0	$40,000	$3,250,000	$0
Montana	$4,309,000	$4,009,000	$0	$2,800,000	$0	$0	$0	$14,925,000	$35,215,000	$0
Nebraska	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Nevada	$68,484,000	$65,284,000	$0	$4,124,000	$0	$0	$0	$65,560,000	$64,300,000	$0
New Hampshire	$579,443	$285,000	$294,443	$0	$0	$0	$0	$6,271,785	$2,704,500	$21,500

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
New Jersey	$0	$0	$0	$0	$0	$0	$0	$13,168,500	$31,858,540	$337,500
New Mexico	$12,285,870	$9,608,870	$0	$871,000	$1,850,000	$0	$220,000	$3,320,000	$15,400,000	$0
New York	$0	$0	$0	$0	$0	$0	$0	$15,356,250	$12,923,350	$2,417,250
North Carolina	$6,132,000	$6,132,000	$0	$0	$0	$0	$0	$11,280,680	$38,086,593	$5,706,000
North Dakota	$5,000	$0	$0	$0	$5,000	$0	$0	$55,000	$130,000	$0
Ohio	$268,000,000	$18,000,000	$250,000,000	$0	$0	$0	$0	$270,575,000	$326,604,500	$27,136,500
Oklahoma	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Oregon	$12,324,467	$11,571,467	$1,000	$1,982,000	$3,930,000	$0	$0	$22,291,463	$31,850,463	$3,359,000
Pennsylvania	$7,732,497	$7,500,000	$232,497	$0	$0	$0	$175,000	$23,018,000	$57,698,755	$55,455,000
Rhode Island	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
South Carolina	$240,000	$240,000	$0	$0	$0	$0	$0	$1,838,000	$2,749,706	$125,000
South Dakota	$0	$0	$0	$0	$0	$0	$0	$1,419,001	$0	$0
Tennessee	$0	$0	$0	$0	$0	$0	$0	$1,040,000	$5,700,000	$0
Texas	$0	$0	$0	$0	$0	$0	$0	$16,000,000	$126,865,000	$27,000,000
Utah	$120,020	$0	$100,020	$20,020	$0	$0	$0	$158,000	$3,325,000	$0
Vermont	$1,865,166	$1,865,166	$308,071	$0	$0	$0	$0	$840,000	$190,000	$530,000
Virginia	$964,690	$883,690	$85,463	$0	$0	$0	$0	$100,090	$25,913,496	$7,436,873
Washington	$8,869,800	$8,749,800	$120,000	$0	$5,300	$0	$0	$3,399,800	$9,435,000	$540,000
West Virginia	$1,165,872	$1,056,947	$150,388	$0	$100,000	$0	$0	$454,463	$1,065,485	$600,000
Wisconsin	$125,000	$125,000	$0	$0	$0	$0	$0	$265,000	$2,352,500	$173,000
Wyoming	$1,305,000	$1,301,000	$4,000	$0	$0	$0	$0	$0	$0	$0
All Projects[3]	**$455,456,475**	**$157,539,262**	**$272,824,268**	**$24,942,080**	**$11,190,300**	**$0**	**$580,000**	**$700,125,380**	**$1,548,747,284**	**$350,018,387**

[1] Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.
[2] One project can include multiple federal land agencies (e.g., a trial project that crosses both US Forest Service and Bureau of Land Management lands). Consequently, the sum of values across federal land management agencies may be greater than the value for all federal lands.
[3] One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.

Table 19: All projects by land type and state – job months at full time equivalence

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
Alabama	850	850	0	0	0	0	0	1,318	1,725	1,343
Alaska	0	0	0	0	0	0	0	220	220	0
Arizona	1,209	1,031	0	258	0	0	0	56	1,498	0
Arkansas	0	0	0	0	0	0	0	28	51	0
California	3,598	890	8	2,700	0	0	0	4,433	5,506	6,752
Colorado	1,023	894	0	185	0	0	0	620	1,114	510
Connecticut	0	0	0	0	0	0	0	51	19	19
District of Columbia	51	0	51	0	0	0	0	50	80	0
Delaware	0	0	0	0	0	0	0	236	36	36
Florida	79	79	0	0	0	0	0	275	1,792	72
Georgia	460	24	436	0	0	0	0	132	2,656	510
Hawaii	0	0	0	0	0	0	0	360	0	0
Idaho	52	40	0	12	0	0	0	12	0	0
Illinois	0	0	0	0	0	0	0	0	12	23
Indiana	0	0	0	0	0	0	0	148	505	116
Iowa	0	0	0	0	0	0	0	12	254	0
Kansas	44	44	44	0	0	0	0	53	53	44
Kentucky	354	10	0	0	344	0	0	852	1,057	67
Louisiana	331	331	0	0	0	0	0	144	929	25
Maine	144	120	144	70	0	0	18	1,557	250	231
Maryland	438	0	438	0	0	0	72	762	548	687
Massachusetts	0	0	0	0	0	0	0	38	75	45
Michigan	200	140	60	0	0	0	0	51	358	60
Minnesota	4	0	0	0	4	0	0	440	440	0
Mississippi	0	0	0	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0	2	54	0
Montana	625	567	0	333	0	0	0	1,336	3,607	0
Nebraska	0	0	0	0	0	0	0	0	0	0
Nevada	890	890	0	40	0	0	0	842	768	0

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
New Hampshire	171	51	120	0	0	0	0	60	11	8
New Jersey	0	0	0	0	0	0	0	441	868	35
New Mexico	1,296	848	0	334	116	0	48	348	598	0
New York	0	0	0	0	0	0	0	594	468	105
North Carolina	3,282	3,282	0	0	0	0	0	865	3,078	766
North Dakota	1	0	0	0	1	0	0	9	1	0
Ohio	321	320	1	0	0	0	0	243	2,247	706
Oklahoma	0	0	0	0	0	0	0	0	0	0
Oregon	3,105	2,985	9	888	1,887	0	0	2,785	3,018	1,730
Pennsylvania	805	405	400	0	0	0	60	6,527	3,580	4,130
Rhode Island	0	0	0	0	0	0	0	0	0	0
South Carolina	23	23	0	0	0	0	0	153	281	20
South Dakota	0	0	0	0	0	0	0	50	0	0
Tennessee	0	0	0	0	0	0	0	58	71	0
Texas	0	0	0	0	0	0	0	180	2,090	280
Utah	40	0	30	30	0	0	0	48	84	0
Vermont	516	516	60	0	0	0	0	140	74	51
Virginia	1,056	436	920	0	0	0	0	41	2,133	175
Washington	1,977	1,952	25	0	12	0	0	412	607	82
West Virginia	704	460	620	0	24	0	0	251	838	812
Wisconsin	33	33	0	0	0	0	0	59	133	51
Wyoming	189	173	16	0	0	0	0	0	0	0
All Projects[3]	**23,871**	**17,394**	**3,382**	**4,850**	**2,388**	**0**	**198**	**27,290**	**43,786**	**19,489**

[1] Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.
[2] One project can include multiple federal land agencies (e.g., a trial project that crosses both US Forest Service and Bureau of Land Management lands). Consequently, the sum of values across federal land management agencies may be greater than the value for all federal lands.
[3] One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.

Table 20: All projects by land type and state – project miles

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
Alabama	160	160	0	0	0	0	0	181	33	186
Alaska	0	0	0	0	0	0	0	75	75	0
Arizona	655	621	0	263	0	0	0	269	614	0
Arkansas	0	0	0	0	0	0	0	0	1	0
California	476	432	0	44	0	0	0	45	93	88
Colorado	286	204	0	212	0	0	0	344	313	290
Connecticut	0	0	0	0	0	0	0	80	60	60
District of Columbia	90	0	90	0	0	0	0	3	5	0
Delaware	0	0	0	0	0	0	0	680	680	680
Florida	30	30	0	0	0	0	0	95	93	25
Georgia	97	10	87	0	0	0	0	27	431	131
Hawaii	0	0	0	0	0	0	0	277	0	0
Idaho	118	43	0	75	0	0	0	75	0	0
Illinois	0	0	0	0	0	0	0	0	2	4
Indiana	0	0	0	0	0	0	0	21	42	21
Iowa	0	0	0	0	0	0	0	1	22	0
Kansas	0	0	0	0	0	0	0	1	1	0
Kentucky	120	20	0	0	100	0	0	123	241	40
Louisiana	198	198	0	0	0	0	0	2	80	77
Maine	593	583	593	383	0	0	0	142	461	494
Maryland	2,990	0	2,990	0	0	0	1,360	2,765	2,745	2,730
Massachusetts	0	0	0	0	0	0	0	45	48	46
Michigan	39	37	2	0	0	0	0	40	103	38
Minnesota	0	0	0	0	0	0	0	21	21	0
Mississippi	0	0	0	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0	5	3	0
Montana	386	360	0	27	0	0	0	28	56	0
Nebraska	0	0	0	0	0	0	0	0	0	0
Nevada	155	61	0	129	0	0	0	32	21	0

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
New Hampshire	745	9	736	0	0	0	0	9	5	5
New Jersey	0	0	0	0	0	0	0	95	251	80
New Mexico	520	404	0	109	7	0	15	47	33	0
New York	0	0	0	0	0	0	0	179	125	118
North Carolina	196	196	0	0	0	0	0	128	131	40
North Dakota	11	0	0	0	11	0	0	3	0	0
Ohio	595	95	500	0	0	0	0	583	841	57
Oklahoma	0	0	0	0	0	0	0	0	0	0
Oregon	1,761	1,702	8	495	961	0	0	1,104	1,168	557
Pennsylvania	2,075	75	2,000	0	0	0	680	1,691	1,623	313
Rhode Island	0	0	0	0	0	0	0	0	0	0
South Carolina	7	7	0	0	0	0	0	37	18	2
South Dakota	0	0	0	0	0	0	0	509	0	0
Tennessee	0	0	0	0	0	0	0	4	4	0
Texas	0	0	0	0	0	0	0	5	63	27
Utah	16	0	14	12	0	0	0	15	106	0
Vermont	313	313	260	0	0	0	0	1	6	26
Virginia	2,661	2,661	2,100	0	0	0	0	44	86	67
Washington	370	368	2	0	48	0	0	222	98	44
West Virginia	8,482	4,280	8,400	0	2	0	0	2,124	52	25
Wisconsin	150	150	0	0	0	0	0	173	179	155
Wyoming	257	172	85	0	0	0	0	0	0	0
All Projects[3]	**24,552**	**13,190**	**17,867**	**1,749**	**1,129**	**0**	**2,055**	**12,344**	**11,035**	**6,425**

[1] Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.
[2] One project can include multiple federal land agencies (e.g., a trial project that crosses both US Forest Service and Bureau of Land Management lands). Consequently, the sum of values across federal land management agencies may be greater than the value for all federal lands.
[3] One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.


HONDA

Overall, the responses to the American Trails "Shovel-ready" Trail Project Survey represent approximately 10% of the publicly documented federal trail maintenance backlog. This percentage is consistent for both miles of trail requiring maintenance and the cost of that maintenance for the federal agencies listed in Table 21. The miles of trail maintenance included in the American Trails survey for the US National Park Service are a noteworthy exception to this general trend, which can be accounted for by the inclusion of geographically extensive but otherwise relatively small trail and trail-related projects on National Park Service lands.

Table 21: Comparison of Federal Government Deferred Maintenance Data and American Trails "Shovel-ready" Trail Project Survey Results

Federal Agency	Government Data		American Trails Survey Data		American Trails Survey Data as a Percent of Government Data	
	Miles of trail	$ (millions)	Miles of trail	$ (millions)	Miles of trail	$ (millions)
US Forest Service[1]	165,882	$286	12,532	58	8%	20%
US National Park Service[2]	18,844	$462	16,620	13	88%	3%
US Fish & Wildlife Service[3]	15,400	$53	1,033	8	7%	15%
US Bureau of Land Management[4]	95,468	$86	1,423	4	1%	5%
Total	**295,594**	**$887**	**31,608**	**83**	**11%**	**9%**

[1] Deferred Maintenance Needs and Potential Solutions on Federal Lands Administered by the Department of the Interior and the USDA Forest Service Before the Senate Committee on Energy and Natural Resources, 116th Cong. (2019) (statement of Lenise Lago, Associate Chief, USDA Forest Service), available at https://www.energy.senate.gov/public/index.cfm/hearings-and-businessmeetings; Carol Hardy Vincent, Congressional Research Serv., Deferred Maintenance of Federal Land Management Agencies: FY2007-FY2016 Estimates and Issues 3 (Apr. 25, 2017), available at https://fas.org/sgp/crs/misc/R43997.pdf; U.S. Dep't of Agric., FY 2019 Budget Justification 75 (Feb. 2018), available at https://www.fs.fed.us/sites/default/files/usfs-fy19-budget-justification.pdf.

[2] Nat'l Park Serv., Nat'l Park Serv. Asset Inventory Summary FY17, available at https://www.nps.gov/subjects/plandesignconstruct/upload/FY17-Asset-Inventory-Summary-AISServicewide_Report_508-3.pdf.

[3] FWS total includes deferred maintenance not limited to trails as trail specific breakdowns are not publicly available. U.S. Fish and Wildlife Serv., Bureau Highlights (2018), available at https://edit.doi.gov/sites/doi.gov/files/uploads/fy2019_bib_bh059.pdf; U.S. Dep't of the Interior, Fish and Wildlife Serv., Budget Justifications and Performance Information Fiscal Year 2019 NWRS-10 (2018)

[6] BLM total includes deferred maintenance not limited to trails as trail specific breakdowns are not publicly available. Carol Hardy Vincent, Congressional Research Serv., Deferred Maintenance of Federal Land Management Agencies: FY2007-FY2016 Estimates and Issues 3 (Apr. 25, 2017), available at https://fas.org/sgp/crs/misc/R43997.pdf.

Table 22: Maintenance projects by land type and state – project count

State[1]	Count of Maintenance Projects for State	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	US Army Corp of Engin.[3]	Tribal[3]	State	County, Muni., Local	NGO or Non-profit	Private
Alabama	4	1	1	0	0	0	0	0	3	1	3	1
Alaska	2	0	0	0	0	0	0	0	2	2	0	1
Arizona	11	8	6	0	3	0	0	0	1	6	0	1
Arkansas	0	0	0	0	0	0	0	0	0	0	0	0
California	35	20	20	0	0	0	0	0	4	8	1	6
Colorado	15	9	5	0	5	0	0	0	3	7	2	1
Connecticut	2	0	0	0	0	0	0	0	2	1	1	1
District of Columbia	1	1	0	1	0	0	0	0	0	0	0	0
Delaware	2	0	0	0	0	0	0	0	1	0	0	1
Florida	4	0	0	0	0	0	0	0	2	3	1	2
Georgia	13	4	2	2	0	0	0	0	1	6	5	2
Hawaii	1	0	0	0	0	0	0	0	1	0	0	0
Idaho	4	4	3	0	1	0	0	0	1	0	0	1
Illinois	2	0	0	0	0	0	0	0	0	0	2	0
Indiana	5	0	0	0	0	0	0	0	2	4	2	0
Iowa	1	0	0	0	0	0	0	0	0	1	0	0
Kansas	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky	6	2	1	0	0	1	0	0	2	5	1	0
Louisiana	8	7	7	0	0	0	0	0	0	3	4	0
Maine	31	3	2	3	1	0	0	1	20	10	7	2
Maryland	9	3	0	3	0	0	0	0	3	3	2	0
Massachusetts	4	0	0	0	0	0	0	0	2	1	2	2
Michigan	6	1	1	0	0	0	0	0	2	4	1	0
Minnesota	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0	0	0	0	0	0
Missouri	3	0	0	0	0	0	0	0	0	1	0	2
Montana	17	8	6	0	2	0	0	0	3	9	0	5
Nebraska	0	0	0	0	0	0	0	0	0	0	0	0
Nevada	3	2	2	0	1	0	0	0	1	1	0	0

State[1]	Count of Maintenance Projects for State	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	US Army Corp of Engin.[3]	Tribal[3]	State	County, Muni., Local	NGO or Non-profit	Private
New Hampshire	16	8	7	1	0	0	0	0	5	1	1	4
New Jersey	6	0	0	0	0	0	0	0	4	2	0	0
New Mexico	9	8	4	0	3	1	0	0	1	1	0	0
New York	7	0	0	0	0	0	0	0	4	2	3	0
North Carolina	37	7	7	0	0	0	0	0	14	18	2	3
North Dakota	1	0	0	0	0	0	0	0	1	0	0	1
Ohio	12	1	1	0	0	0	0	0	2	11	1	0
Oklahoma	0	0	0	0	0	0	0	0	0	0	0	0
Oregon	47	26	22	1	3	3	0	0	13	20	2	4
Pennsylvania	45	3	1	2	0	0	0	0	12	21	17	8
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina	5	1	1	0	0	0	0	0	1	4	0	0
South Dakota	16	0	0	0	0	0	0	0	15	0	0	0
Tennessee	3	0	0	0	0	0	0	0	3	0	0	0
Texas	2	0	0	0	0	0	0	0	0	2	1	1
Utah	4	0	0	0	0	0	0	0	1	3	0	0
Vermont	16	7	7	1	0	0	0	0	2	2	3	2
Virginia	20	4	4	1	0	0	0	0	2	11	6	2
Washington	25	16	14	2	0	2	0	0	7	5	2	1
West Virginia	9	7	4	4	0	1	0	0	3	2	0	1
Wisconsin	8	1	1	0	0	0	0	0	3	3	5	1
Wyoming	10	9	8	1	0	0	0	0	0	0	0	1
All Projects[4]	**487**	**171**	**137**	**22**	**19**	**8**	**0**	**1**	**149**	**184**	**77**	**57**

[1] Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.
[2] One project can include multiple federal land agencies (e.g., a trial project that crosses both US Forest Service and Bureau of Land Management lands). Consequently, the sum of values across federal land management agencies may be greater than the value for all federal lands.
[3] These columns are omitted from the remaining tables in this maintenance sub-section because project budget, employment, and/or mileage information was not provided.
[4] One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.

Table 23: Maintenance projects by land type and state – project budget ($)

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
Alabama	$4,000,000	$4,000,000	$0	$0	$0	$0	$14,100,000	$10,000,000	$14,080,000	$10,000,000
Alaska	$0	$0	$0	$0	$0	$0	$6,800,000	$6,800,000	$0	$5,800,000
Arizona	$1,112,111	$962,111	$0	$295,000	$0	$0	$145,111	$1,506,611	$0	$500,000
Arkansas	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
California	$2,762,002	$2,762,002	$0	$0	$0	$0	$3,610,000	$7,100,000	$1,000,000	$21,191,267
Colorado	$571,000	$426,000	$0	$243,000	$0	$0	$21,598,000	$23,906,422	$20,098,000	$20,000,000
Connecticut	$0	$0	$0	$0	$0	$0	$66,562	$29,600	$29,600	$29,600
District of Columbia	$20,000	$0	$20,000	$0	$0	$0	$0	$0	$0	$0
Delaware	$0	$0	$0	$0	$0	$0	$325,300	$0	$0	$10,000
Florida	$0	$0	$0	$0	$0	$0	$3,025,000	$44,000,000	$3,000,000	$43,000,000
Georgia	$9,380,000	$530,000	$8,850,000	$0	$0	$0	$30,000	$13,530,000	$11,275,000	$2,100,000
Hawaii	$0	$0	$0	$0	$0	$0	$11,500,000	$0	$0	$0
Idaho	$106,001	$106,000	$0	$1	$0	$0	$1	$0	$0	$1
Illinois	$0	$0	$0	$0	$0	$0	$0	$0	$60,000	$0
Indiana	$0	$0	$0	$0	$0	$0	$5,745,000	$8,305,500	$5,745,000	$0
Iowa	$0	$0	$0	$0	$0	$0	$0	$270,000	$0	$0
Kansas	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Kentucky	$5,000,001	$1	$0	$0	$5,000,000	$0	$5,848,000	$13,998,000	$6,000,000	$0
Louisiana	$1,540,101	$1,540,101	$0	$0	$0	$0	$0	$771,238	$1,296,226	$0
Maine	$717,380	$654,559	$717,380	$404,559	$0	$0	$438,583	$1,549,559	$927,298	$200,000
Maryland	$1,869,006	$0	$1,869,006	$0	$0	$0	$750,800	$110,800	$50,800	$0
Massachusetts	$0	$0	$0	$0	$0	$0	$56,840	$44,840	$59,840	$59,840
Michigan	$2,500,000	$2,500,000	$0	$0	$0	$0	$250,000	$4,700,000	$400,000	$0
Minnesota	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Mississippi	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Missouri	$0	$0	$0	$0	$0	$0	$0	$50,000	$0	$350,000
Montana	$764,000	$464,000	$0	$300,000	$0	$0	$425,000	$14,500,000	$0	$2,020,000
Nebraska	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Nevada	$954,000	$954,000	$0	$924,000	$0	$0	$30,000	$300,000	$0	$0

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
New Hampshire	$579,443	$285,000	$294,443	$0	$0	$0	$6,271,785	$4,500	$4,500	$228,000
New Jersey	$0	$0	$0	$0	$0	$0	$31,000	$355,000	$0	$0
New Mexico	$4,547,670	$2,440,670	$0	$607,000	$1,500,000	$0	$200,000	$1,250,000	$0	$0
New York	$0	$0	$0	$0	$0	$0	$4,050,000	$1,361,000	$2,061,000	$0
North Carolina	$3,332,000	$3,332,000	$0	$0	$0	$0	$5,364,193	$5,617,958	$3,500,000	$3,580,000
North Dakota	$0	$0	$0	$0	$0	$0	$55,000	$0	$0	$55,000
Ohio	$18,000,000	$18,000,000	$0	$0	$0	$0	$2,575,000	$26,799,000	$2,704,000	$0
Oklahoma	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Oregon	$5,236,462	$4,483,462	$1,000	$732,000	$1,180,000	$0	$5,769,463	$6,203,463	$609,000	$1,455,000
Pennsylvania	$6,232,497	$6,000,000	$232,497	$0	$0	$0	$20,915,000	$37,277,492	$43,805,000	$24,170,000
Rhode Island	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
South Carolina	$140,000	$140,000	$0	$0	$0	$0	$48,000	$790,000	$0	$0
South Dakota	$0	$0	$0	$0	$0	$0	$1,269,001	$0	$0	$0
Tennessee	$0	$0	$0	$0	$0	$0	$1,040,000	$0	$0	$0
Texas	$0	$0	$0	$0	$0	$0	$0	$2,250,000	$2,000,000	$2,000,000
Utah	$0	$0	$0	$0	$0	$0	$45,000	$25,000	$0	$0
Vermont	$1,565,166	$1,565,166	$308,071	$0	$0	$0	$460,000	$50,000	$310,000	$270,000
Virginia	$783,690	$783,690	$4,463	$0	$0	$0	$40,090	$17,358,103	$7,376,873	$6,961,873
Washington	$4,529,800	$4,449,800	$80,000	$0	$5,300	$0	$3,244,800	$8,070,000	$130,000	$1,800
West Virginia	$1,065,872	$956,947	$150,388	$0	$100,000	$0	$354,463	$565,484	$0	$250,000
Wisconsin	$125,000	$125,000	$0	$0	$0	$0	$265,000	$185,000	$173,000	$125,000
Wyoming	$305,000	$301,000	$4,000	$0	$0	$0	$0	$0	$0	$60,000
All Projects[3]	**$77,738,202**	**$57,761,509**	**$12,531,248**	**$3,505,560**	**$7,785,300**	**$0**	**$126,741,992**	**$259,634,570**	**$126,695,137**	**$144,417,381**

[1] Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.
[2] One project can include multiple federal land agencies (e.g., a trial project that crosses both US Forest Service and Bureau of Land Management lands). Consequently, the sum of values across federal land management agencies may be greater than the value for all federal lands.
[3] One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.

Table 24: Maintenance projects by land type and state – job months at full time equivalence

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
Alabama	850	850	0	0	0	0	0	1,318	438	1,313
Alaska	0	0	0	0	0	0	0	160	160	0
Arizona	368	218	0	230	0	0	0	36	1,112	0
Arkansas	0	0	0	0	0	0	0	0	0	0
California	825	825	0	0	0	0	0	375	590	32
Colorado	122	90	0	62	0	0	0	570	1,056	510
Connecticut	0	0	0	0	0	0	0	51	19	19
District of Columbia	1	0	1	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	200	0	0
Florida	0	0	0	0	0	0	0	90	468	72
Georgia	460	24	436	0	0	0	0	3	570	487
Hawaii	0	0	0	0	0	0	0	360	0	0
Idaho	32	20	0	12	0	0	0	12	0	0
Illinois	0	0	0	0	0	0	0	0	0	11
Indiana	0	0	0	0	0	0	0	57	156	57
Iowa	0	0	0	0	0	0	0	0	2	0
Kansas	0	0	0	0	0	0	0	0	0	0
Kentucky	330	10	0	0	320	0	0	329	420	67
Louisiana	331	331	0	0	0	0	0	0	15	25
Maine	144	120	144	70	0	0	18	1,557	216	187
Maryland	390	0	390	0	0	0	0	618	390	387
Massachusetts	0	0	0	0	0	0	0	32	29	30
Michigan	140	140	0	0	0	0	0	33	252	24
Minnesota	0	0	0	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0	0	5	0
Montana	154	98	0	56	0	0	0	56	1,626	0
Nebraska	0	0	0	0	0	0	0	0	0	0
Nevada	52	52	0	40	0	0	0	12	18	0

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
New Hampshire	171	51	120	0	0	0	0	60	1	1
New Jersey	0	0	0	0	0	0	0	6	205	0
New Mexico	966	586	0	284	96	0	0	36	48	0
New York	0	0	0	0	0	0	0	140	48	66
North Carolina	3,264	3,264	0	0	0	0	0	605	1,023	660
North Dakota	0	0	0	0	0	0	0	9	0	0
Ohio	320	320	0	0	0	0	0	34	419	23
Oklahoma	0	0	0	0	0	0	0	0	0	0
Oregon	1,462	1,342	9	168	735	0	0	1,178	1,009	578
Pennsylvania	760	360	400	0	0	0	0	4,315	1,462	3,741
Rhode Island	0	0	0	0	0	0	0	0	0	0
South Carolina	14	14	0	0	0	0	0	4	60	0
South Dakota	0	0	0	0	0	0	0	44	0	0
Tennessee	0	0	0	0	0	0	0	58	0	0
Texas	0	0	0	0	0	0	0	0	140	120
Utah	0	0	0	0	0	0	0	6	4	0
Vermont	477	477	60	0	0	0	0	100	26	27
Virginia	393	393	300	0	0	0	0	17	947	151
Washington	1,089	1,076	13	0	12	0	0	364	449	30
West Virginia	692	448	620	0	24	0	0	239	36	0
Wisconsin	33	33	0	0	0	0	0	59	55	51
Wyoming	117	101	16	0	0	0	0	0	0	0
All Projects[3]	**13,957**	**11,243**	**2,509**	**922**	**1,187**	**0**	**18**	**13,143**	**13,474**	**8,668**

[1] Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.
[2] One project can include multiple federal land agencies (e.g., a trial project that crosses both US Forest Service and Bureau of Land Management lands). Consequently, the sum of values across federal land management agencies may be greater than the value for all federal lands.
[3] One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.

Table 25: Maintenance projects by land type and state – project miles

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
Alabama	160	160	0	0	0	0	0	181	17	181
Alaska	0	0	0	0	0	0	0	65	65	0
Arizona	550	525	0	254	0	0	0	229	556	0
Arkansas	0	0	0	0	0	0	0	0	0	0
California	351	351	0	0	0	0	0	6	60	38
Colorado	176	152	0	114	0	0	0	301	302	290
Connecticut	0	0	0	0	0	0	0	80	60	60
District of Columbia	40	0	40	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0	0	0
Florida	0	0	0	0	0	0	0	27	42	25
Georgia	97	10	87	0	0	0	0	2	233	108
Hawaii	0	0	0	0	0	0	0	277	0	0
Idaho	118	43	0	75	0	0	0	75	0	0
Illinois	0	0	0	0	0	0	0	0	0	2
Indiana	0	0	0	0	0	0	0	15	22	15
Iowa	0	0	0	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0	0	0	0
Kentucky	110	20	0	0	90	0	0	106	194	40
Louisiana	198	198	0	0	0	0	0	0	67	77
Maine	593	583	593	383	0	0	0	142	455	486
Maryland	2,310	0	2,310	0	0	0	0	715	694	690
Massachusetts	0	0	0	0	0	0	0	45	45	45
Michigan	37	37	0	0	0	0	0	6	60	4
Minnesota	0	0	0	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0	0	0	0
Montana	343	320	0	23	0	0	0	24	43	0
Nebraska	0	0	0	0	0	0	0	0	0	0
Nevada	36	36	0	35	0	0	0	1	13	0

State[1]	All Federal[2]	US Forest Service	US National Park Service	US Bureau of Land Mgt.	US Fish and Wildlife Service	Tribal	State	County, Municipal, Local	NGO or Non-profit	Private
New Hampshire	745	9	736	0	0	0	0	9	2	2
New Jersey	0	0	0	0	0	0	0	8	1	0
New Mexico	453	352	0	94	7	0	0	30	3	0
New York	0	0	0	0	0	0	0	23	2	8
North Carolina	162	162	0	0	0	0	0	71	42	5
North Dakota	0	0	0	0	0	0	0	3	0	0
Ohio	95	95	0	0	0	0	0	75	280	26
Oklahoma	0	0	0	0	0	0	0	0	0	0
Oregon	1,608	1,549	8	445	886	0	0	986	1,064	482
Pennsylvania	2,060	60	2,000	0	0	0	0	327	209	277
Rhode Island	0	0	0	0	0	0	0	0	0	0
South Carolina	2	2	0	0	0	0	0	0	7	0
South Dakota	0	0	0	0	0	0	0	509	0	0
Tennessee	0	0	0	0	0	0	0	4	0	0
Texas	0	0	0	0	0	0	0	0	2	2
Utah	0	0	0	0	0	0	0	5	5	0
Vermont	313	313	260	0	0	0	0	1	2	26
Virginia	2,660	2,660	2,100	0	0	0	0	4	30	27
Washington	330	328	2	0	48	0	0	184	54	6
West Virginia	8,462	4,260	8,400	0	2	0	0	2,104	47	0
Wisconsin	150	150	0	0	0	0	0	173	172	155
Wyoming	242	157	85	0	0	0	0	0	0	0
All Projects[3]	**22,400**	**12,532**	**16,620**	**1,423**	**1,033**	**0**	**0**	**6,811**	**4,849**	**3,075**

[1] Each project is only listed for one state even though the trails, projects, user population, and economic impacts may span several states.
[2] One project can include multiple federal land agencies (e.g., a trial project that crosses both US Forest Service and Bureau of Land Management lands). Consequently, the sum of values across federal land management agencies may be greater than the value for all federal lands.
[3] One project can include multiple land types (e.g., a trail project that connect local lands to federal lands). Consequently, the sum of values across land types may be greater than the value for all projects.

METHODS

The purpose of the American Trails "Shovel-Ready" Trail Project Survey was to document the direct employment contribution trail projects could make to the national- and state-level economic response to and recovery from the COVID-19 pandemic in the United States. To have a near-term impact on job continuation or creation, trail projects included in the survey needed to be "shovel-ready." Throughout the project we used the following explanation to define what projects are "shovel-ready."

> **"Shovel-ready" Definition**
> "Shovel-ready" trail projects are projects that, if funding is available and working conditions are safe, could be providing jobs by the summer of 2021. A project can be "shovel-ready" in any phase of development (e.g., acquisition/right of way, planning, design, construction, maintenance), as long as jobs would be created before summer 2021 if the project were funded now.

THE QUESTIONNAIRE

The survey used an online questionnaire to collect data about project type, location, size, starting timeline, total budget, and months of full-time equivalent employment created or continued. The questionnaire was developed in collaboration with American Trails and the Trails Move People coalition. It was built and administered using Qualtrics survey software and organized into two sections. A copy of the questionnaire is included as Appendix A – American Trails "Shovel-ready" Trail Project Questionnaire.

The first section of the questionnaire screened all potential respondents to identify trail project managers with "shovel-ready" trail projects under their management. This was the population of respondents eligible to participate in the survey. A trail project manager is a professional or volunteer with overall management responsibility for one or more trail projects. Potential respondents who were not trail project managers were thanked for their willingness to participate and exited from the questionnaire and survey. Those who answered yes were asked if any of the projects they manage were "shovel-ready" based on the definition above. If a trail project manager did not have any "shovel-ready" projects, they were thanked for their willingness to participate and exited from the questionnaire and survey. If a trail project manager had at least one "shovel-ready" project, they were sent to the second section of the questionnaire.

The second section of the questionnaire collected trail project data. It was completed once for each project under a respondent's management, with the section of questions repeating until the respondent stated they had no additional "shovel-ready" projects for entry. This section of the questionnaire used a Google Maps-based interface to collect project location data and a combination of closed- and open-ended question to gather information on project characteristics and economic impacts.

SURVEY ADMINISTRATION

The survey was administered using an email-based purposive snow-ball approach. American Trails recruited participants directly through their email list. They also provided recruitment materials to members of the Trails Move People coalition for distribution through their communication networks. In addition to these primary recruitment channels, survey recruitment materials were widely circulated through secondary channels (i.e., distribution through formal and informal trail-related professional, interest, and advocacy networks). An example survey recruitment email is included as Appendix B – Example Survey Recruitment Email.

American Trails sent three direct survey recruitment messages to its email list, which included approximately 22,000 unique email addresses. Table 26 presents the dates on which survey recruitment messages were sent by American Trails, as well as the email opening and survey click-through rates provided by American Trails. These rates are used to calculate approximate numbers of potential respondents who opened the recruitment messages and survey link via direct recruitment by American Trails.

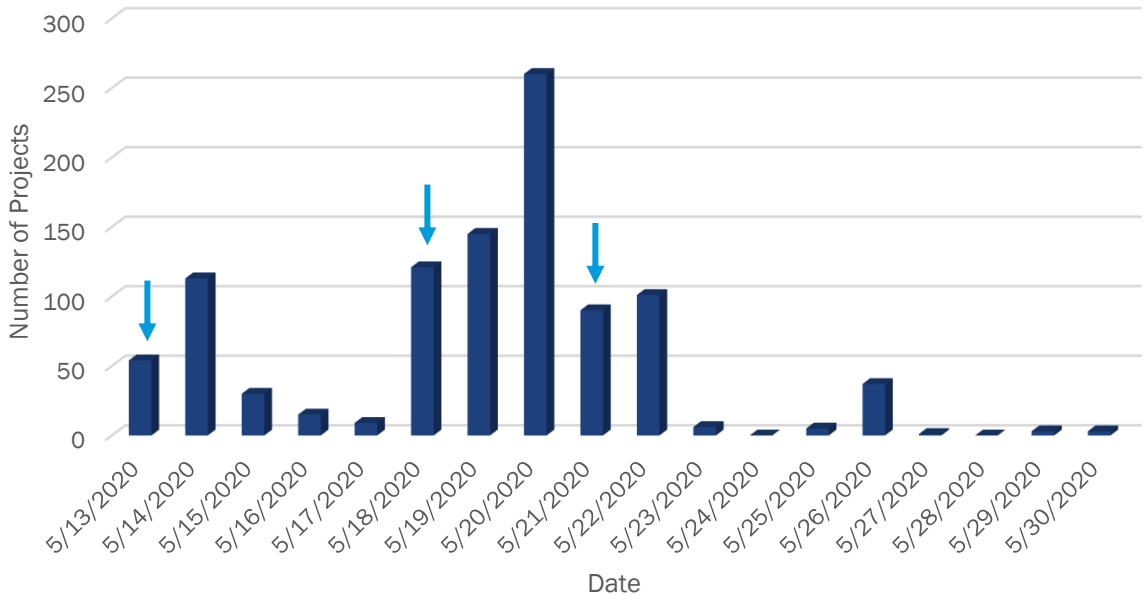
Table 26: American Trails survey recruitment and estimated number of respondent openings

	May 13, 2020 Initial Recruitment	May 18, 2020 First Reminder	May 21, 2020 Final Reminder	Total
Email addresses[1]	22,000	22,000	22,000	22,000
% Opened[2]	22%	22%	22%	22%
Estimated Number Opening Email	4,840	4,840	4,840	14,520
% Click-through[2]	9%	6%	6%	7%
Estimated Number Opening Survey	436	290	290	1,016

[1] Approximate number of unique addresses included in American Trails email recruitment for the survey.
[2] Based on data provided by American Trails.

The survey was kept open to respondents for 18 days from May 13 through May 30, 2020. Figure 4 presents the survey response pattern through this administration period. Light arrows above data bars indicate days on which direct recruitment messages were sent my American Trails. The average daily response rate was 55 survey responses.

Figure 4: Survey response over the administration period



DATA PROCESSING

Upon closure of the survey on May 31, 2020 response data was downloaded. A dataset of 45 "shovel-ready" trail projects provided by the State of North Carolina was appended to the dataset submitted by survey respondents. While additional datasets were provided by other states and organizations, they were ultimately not included because the information they contained was incompatible or insufficient.

Following inclusion of the supplemental North Carolina dataset, a total of 1,038 projects were included in the dataset. The data were cleaned to categorize responses submitted in "other, please specify" categories and to remove duplicative information based on similarities among project name, location, and characteristics. Outlier values submitted for project budget, job months, and miles were removed or revised to align them with typical values for comparable projects. Following these data cleaning procedures, 1,028 projects were included in the final dataset.

Cleaned project data was geocoded by state and US congressional districts based on the boundaries of the 116th US Congress. For projects submitted by survey respondents, the location data provided by respondents via the map-based interface was coded to its appropriate state and congressional district. For projects added from the supplemental North Carolina dataset, the approximate geographic center of each project's US congressional district was designated as the project location.

Three additional variables were computed to summarize the data based on user type and the presence of maintenance work in the project. If a project's trails or products could be used by any type of non-motorized user (i.e., pedestrian, equestrian, cyclist, non-motorized on-snow user), it was coded as a non-motorized project. If a project's trails or products could be used by any type of motorized user (i.e., motorcycles, ATVs or side-by-sides, jeeps or trucks, motorized on-snow user), it was coded as a motorized project. A single project can be both non-motorized and motorized if both categories of users could use the project's trail or products. Likewise, any trail project that includes

a maintenance component (e.g., existing trail or structure maintenance) was categorized as having a maintenance component.

CONTEXT AND LIMITATIONS

There are several important points of context and limitation that must be understood and considered when using and interpreting this data. They include:

- While expansive, the data included in this survey is not comprehensive. Trail projects included in this data are those submitted by voluntary respondents who are connected, directly or indirectly, to American Trails. There are certainly additional "shovel-ready" trail projects that are not included in this effort that would nonetheless contribute to America's economic response to and recovery from COVID-19. The number and scope of these projects is unknown. Therefore, these results should be discussed using the term "at least." For example, there are at least 1,028 "shovel-ready" trail projects that would create at least 83,000 months of full-time equivalent employment if they are funded and working conditions are safe.

- While the best possible efforts were made to ensure accuracy of the data included in this survey, there is no way to verify the data provided by respondents. Responses were anonymous, which precludes contacting respondents for verification of their submitted data. Additionally, while obvious errors and outlier values were addressed, errors that are indistinguishable from typical project characteristics or response patterns could not be identified or specifically addressed. Except for obvious errors and outliers, we assume that all data entered by respondents is accurate.

- Respondents were asked to estimate the number of months of full-time equivalent employment that would be created by "shovel-ready" trail projects. Respondents were given the following instruction to guide this estimate: *Multiply the approximate number of workers employed at or near full-time (i.e., 40 hours/week) by the number of months anticipated for project completion. For example, if a project will employ one person full-time for ten months and two additional people full-time for five months, it will provide approximately 20 months of full-time equivalent employment.*

While these points of context and limitation are important to consider, they do not compromise the finding of these results in any fundamental way. The purpose of the American Trails "Shovel-ready" Trail Project Survey was to document the contribution that trails can make to the American economic response to and recovery from the COVID-19 pandemic. Within the context and limitations listed above, this survey provides valid results that represent the minimum contribution trails can make to COVID-19 response and recovery.

ACKNOWLEDGEMENTS

We would like to acknowledge and thank the following organizations for their support and contributions that helped to make the American Trail “Shovel-ready” Trail Project Survey possible.

American Trails funded the survey, collaborated in its design, coordinated its administration, and contributed to analysis and interpretation of its results.

Trails Move People and its member organizations provided input during survey design and helped distribute survey recruitment requests.

PARC, the Protected Area Research Collaborative of the Recreation, Park, and Tourism Management Department at Penn State tested the questionnaire and reviewed survey materials.

Applied Trails Research and **Virginia Tech** provided peer review of the survey and questionnaire design and geographic support.

We also thank the many individuals and organizations not listed here who contributed to the project in valuable and appreciated ways.

APPENDIX A – AMERICAN TRAILS "SHOVEL-READY" TRAIL PROJECT QUESTIONNAIRE

American Trails "Shovel-ready" Trail Project Survey

Project Manager?

Welcome to the American Trails "shovel-ready" trail project survey.

Thank you for your participation.

The purpose of this survey is to quantify the capacity of the trails community to build, maintain, and develop trails now.

This questionnaire asks about shovel-ready trails projects that, if funding were available and working conditions are safe, could be providing jobs by the summer of 2021. The questions ask about trail project name, location, approximate budget, and a limited number of other key project characteristics. Working with Penn State's Recreation, Park, and Tourism Management Department, your responses will be anonymous and kept confidential, and results will be made public only in aggregated forms (e.g., state, agency level reporting).

How did you hear about this survey?

Please enter the name of the organization through which you were asked to participate.

Are you a trail project manager?

A trail project manager is a professional or volunteer with overall management responsibility for one or more trail projects.

Yes

No

Shovel-ready?

Which of the following best describes your trail project management role.

Select all that apply.

Federal agency staff

State agency staff

County, municipal, or other local staff

Non-profit or NGO staff

Non-profit or NGO volunteer

Private trail contractor or service provider

Private land owner or staff

Other (please specify)

Is at least one of the trail projects you manage "shovel-ready?"

"Shovel-ready" trail projects are projects that, **if funding is available and working conditions are safe, could be providing jobs by the summer of 2021**.

Note: A project can be "shovel-ready" in any phase of development (e.g., acquisition/ROW, planning, design, construction, maintenance), as long as jobs would be created before summer 2021 if the project were funded now.

Yes

No

How many projects?

How many "shovel-ready" trail projects are you managing?

Please enter a number.

Trail Project Questions

The following section of the questionnaire ask about the "shovel-ready" trail projects you manage. You will be given the opportunity to enter information for more than one project.

If you manage more than one "shovel-ready" trail project, please **enter them in order of size**, from largest to smallest, based on the approximate amount of work (i.e., jobs, professional time) each project will generate.

It may be helpful to take a moment now and gather the information you will need to respond to the following questions about your "shovel-ready" trail projects. This information includes:

- Project names and locations

- Approximate total project budgets and timelines
- Approximate numbers of project jobs or workers
- Project characteristics and features (e.g., land type, mileage, types of project work, user types, accessibility, etc.)

American Trails "Shovel-ready" Trail Project Survey

Project Block

Project Name

What is the name of Project #${e://Field/LoopNum}?

Where is this project?

Please mark the approximate geographic center of this trail project on the map.

Option 1: Enter an approximate location in the box and then place the red pin.

or

Option 2: Click and drag the pin to an approximate location. When navigating and zooming, please note that the pin and map background move independently.

What is included in this project?

Select all that apply.

- [ ] New trail construction
- [ ] New structure installation (e.g., bridges, boardwalks, facilities, signs, etc.)
- [ ] Existing trail maintenance
- [ ] Existing structure maintenance (e.g., bridges, boardwalks, facilities, etc.)

For which of the following phases is this project "shovel-ready?"

Select all that apply.

- [ ] Acquisition or Right of Way
- [ ] Planning
- [ ] Design and Engineering
- [ ] Construction
- [ ] Maintenance

Approximately how many miles of trail are included in this project?

If the project includes less than 0.1 miles, please enter 0.1.

What is the approximate total budget for the project?

Please provide the approximate amount in US dollars (include only numbers).

Note: All responses will be kept confidential and results will be reported only in the aggregate.

When could this project begin to provide jobs?

Assuming money is made available and working conditions are safe.

- Summer 2020
- Fall 2020
- Winter 2020-2021
- Spring 2021
- Summer 2021

How many months will this project take to complete?

Enter a number of months.

Approximately how many months of jobs will this project provide?

Please enter the number of person-months of full-time equivalent work this project require.

Note: Multiply the approximate number of workers employed at or near full-time (i.e., 40 hours/week) by the number of months anticipated for project completion.

> For example, if a project will employ one person full-time for ten months and two additional people full-time for five months, it will provide approximately 20 months of full-time equivalent employment.

On what type of land is this project?

Select all that apply.

- [ ] US Forest Service lands
- [ ] Tribal lands
- [ ] US National Park Service lands
- [ ] State lands
- [ ] US Bureau of Land Management lands
- [ ] County, municipal, or other local lands.
- [ ] US Fish and Wildlife Service lands

- [ ] Non-profit, NGO, or land trust administered lands
- [ ] US Army Corp of Engineers lands
- [ ] Privately owned lands (e.g., corporate or family lands)
- [ ] Other federally administered lands (please specify)

- [ ] Other lands (please specify)

Is this a natural-surface trail project?

Yes

No

Is this project accessible to people with disabilities?

Yes

No

Who will use this project?

Select all that apply.

- [ ] Pedestrians (e.g., hikers, walkers, runners)
- [ ] Motorcycles
- [ ] Equestrians
- [ ] ATVs & side-by-sides
- [ ] Cyclists
- [ ] Jeeps & trucks
- [ ] On-snow non-motorized users
- [ ] On-snow motorized users
- [ ] Watercraft
- [ ] Others (please specify)

Additional comments or reference material

Enter optional additional information below.

Do you have another "shovel-ready" trail project to enter?

Yes

No


FOX RACING USA

APPENDIX B – EXAMPLE SURVEY RECRUITMENT EMAIL

From: Mike Passo, American Trails <mikepasso@americantrails.org>
Sent: Wednesday, May 13, 2020 2:56 PM
To: Mike Passo - American Trails <mikepasso@americantrails.org>
Subject: Help demonstrate the power and resilience of the trails community

American Trails

more trails. better trails.

Help the trails community demonstrate its ability to put America back to work and deliver the benefits of trails to all communities.

Dear fellow members of the trail community,

We at American Trails need your input to demonstrate the immense impact that trails and trail projects can have on the economic recovery following the COVID-19 epidemic. As Congress, states, philanthropists, and others invest in economic stimulus and infrastructure projects, it is important that trails are included. This is why we need you.

American Trails, in collaboration with our partners in the trails community, is working to quantify the amount, diversity, and location **of "shovel-ready" trail projects across the** country. We need this information to effectively advocate for inclusion of trails in the federal economic response to COVID-19. The information you provide will help to mobilize trail projects, put trail workers on the ground, and sustain rural and urban economies through transportation and recreation infrastructure investments.

Take the Survey

Who should complete the survey?
Managers, either professional or volunteer, of "shovel-ready" trail projects. **"Shovel**-ready" trail projects are projects that, if funding is available and working conditions are safe, could be providing jobs by the summer of 2021. A project can be "shovel-

ready" in any phase of development (e.g., planning, design, construction, maintenance), as long as jobs would be created before summer 2021 if the project were funded now. Prior to completing the survey, it may be helpful to take a moment now and gather the information you will need to respond to the following questions about your "shovel-ready" trail projects. This information includes:

Project names and locations
Approximate total project budgets and timelines
Approximate numbers of project jobs or workers
Project characteristics and features (e.g., land type, mileage, types of project work, user types, accessibility, etc.)

All responses must be submitted prior to 5:00pm PDT, Wednesday, May 20, 2020.

American Trails has partnered with the Recreation, Park, and Tourism Management Department at Penn State to ensure that all responses are anonymous and confidential. Results of this survey will be reported only at the aggregate level according to key geographic areas and project characteristics that are relevant to decision-makers and funders at the national and state levels.

If you are a trail project manager of one or more "shovel-ready" projects, we strongly encourage you to provide information on your project(s). Without it, we will not be able to demonstrate the full power of trails to put people back to work and help America recover from the COVID-19 pandemic.

If you have any questions about the survey or American Trails' efforts to advocate on behalf of the trails community, please email me.

Sincerely,
Mike Passo
Executive Director

Thank you for supporting the trails community!

trailhead@americantrails.org
www.americantrails.org

Connect with us

.


muck-truck