



New Mexico State Parks Economic Impact and Contribution Analysis, FY 2019-2024

May 2025



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May 2025

Prepared by
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Executive Summary

Arrowhead Center at New Mexico State University prepared an analysis of the economic and social benefits of New Mexico State Parks for fiscal years 2019-2024.¹ The purpose of this analysis is to estimate the benefits of New Mexico State Parks’ expenditures, associated visitor spending, and social benefits in New Mexico for fiscal years 2019-2024.

New Mexico State Parks cover more than 188,000 acres in New Mexico and range from desert mesas to forested mountains, and from lakes to historical sites. These parks showcase the unique beauty and rich history of New Mexico, and provide great locations for hiking, fishing, camping, boating, birdwatching, and stargazing.

Parks offer a wide range of benefits to communities including economic benefits, such as visitor spending and local spending in the community, and nonmarket/social benefits, such as conservation benefits, and consumer surplus benefits. This analysis attempts to measure both economic and nonmarket/social benefits using standard methodologies employed in other states and by the National Park Service.

Results of our economic impact and contribution analysis of New Mexico State Parks for 2024 are shown in Tables 1 and 2. Nonmarket/social benefits measured using conservation value estimates for various land types held in conservation, and consumer surplus measured by recreational use values are shown for 2019-2024 in Table 3.

Table 1. Estimated Economic Contribution of New Mexico State Parks, 2024

Impact	Expenditures	Visitor Spending	Total
Direct Jobs	345	4,011	4,358
Total Jobs	464	4,653	5,120
Labor Income	\$28,553,059	\$132,885,482	\$161,623,740
Value-Added Production	\$40,261,099	\$225,396,574	\$265,945,664
Economic Output	\$68,671,804	\$441,497,642	\$510,755,448
Total Taxes:	\$8,858,193	\$70,122,611	\$79,049,811
Federal	\$6,440,456	\$32,234,658	\$38,479,794
New Mexico	\$2,417,737	\$37,887,953	\$40,332,579

¹ The New Mexico State Parks fiscal year is used in this analysis, July 1st-June 30th.

Table 2. Estimated Economic Impact of New Mexico State Parks, 2024

Impact	Expenditures	Visitor Spending	Total Impact
Direct Jobs	59	161	220
Total Jobs	87	191	278
Labor Income	\$3,692,506	\$5,390,205	\$9,082,711
Value-Added Production	\$6,237,070	\$9,005,455	\$15,242,525
Economic Output	\$17,441,813	\$17,338,922	\$34,780,735
Total Taxes:	\$1,599,454	\$2,780,900	\$4,380,355
Federal	\$902,819	\$1,283,018	\$2,185,837
New Mexico	\$696,635	\$1,497,883	\$2,194,518

Table 3. Estimated Nonmarket Value of New Mexico State Parks, 2019-2024

Year	2019	2020	2021	2022	2023	2024
Recreational Use Value	\$473,898,756	\$402,087,508	\$442,025,691	\$500,508,806	\$474,170,272	\$527,940,690
Conservation Value	\$188,355,650	\$188,355,650	\$188,355,650	\$188,355,650	\$188,355,650	\$188,355,650
Total	\$662,254,406	\$590,443,158	\$630,381,341	\$688,864,456	\$662,525,922	\$716,296,340

Methodology

This analysis attempts to measure both economic and social benefits using standard methodologies employed in other states and by the National Park Service.

Economic Benefits

The primary economic benefits of New Mexico State Parks analyzed in the report are: (1) visitor spending, and (2) expenditures. Economic benefits were measured using two techniques: Economic Impact Analysis, and Industry Contribution Analysis. Economic Impact Analysis seeks to measure the impact on the local economy from new economic activity associated with a new project. For this type of analysis, only spending coming from outside of New Mexico is included, for example out-of-state visitor spending, and federal funding for New Mexico State Parks. Industry Contribution Analysis looks more broadly at the contribution of an activity to a local area, and is used to estimate the value of an existing sector or group of sectors in a region. With Industry Contribution Analysis, all visitor spending and expenditures are included. The purpose of this is to show the important role of New Mexico State Parks in communities throughout New Mexico.

Economic impacts and contributions are composed of three parts: direct effects, indirect effects, and induced effects. Direct effects stem from the initial change in economic activity associated with new spending. For purposes of this study, direct effects included visitor spending and expenditures, but could include any activities or events that cause a change in employment, labor income, or business revenues. As a result of the direct effects, additional spending occurs in other industries, such as construction or equipment retailers. The total of this secondary spending is categorized as the indirect effect. The economic activity from the direct and indirect effects supports employees who then spend their wages in the economy. This spending is referred to as the induced effects. Together, the direct, indirect, and induced effects comprise the total economic impact of the analysis. The main idea behind Economic Impact Analysis is that a new dollar spent in a local area results in more than one dollar in economic activity in the area.

The project's economic benefits were estimated using IMPLAN economic modeling software.² IMPLAN has been a standard tool for academic and professional economists for decades.³ The methods used to produce IMPLAN's economic data set and economic impact estimates have been widely studied in professional publications and peer-reviewed

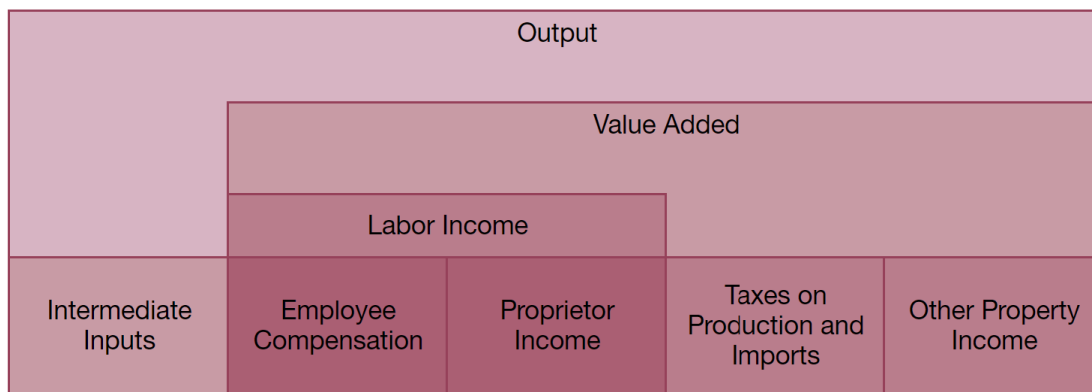
² (IMPLAN, 2023)

³ (Clouse, 2020)

academic journals. The methodology embedded in IMPLAN is considered standard practice in economics.

Economic impacts and contributions were measured in terms of changes in output, value-added production, labor income, and employment. Figure 1 shows the subcomponents of output and value-added production, also referred to as the Leontief Production Function. Output is the dollar value of total production generated by an industry and can be thought of as total revenue for a particular industry or industries. Intermediate inputs are goods and services used in production and purchased from other industries. Value-added production is the contribution from economic activity to gross domestic product. The value of intermediate inputs plus gross domestic product add up to total output. Business profits are included under proprietor income and other property income.

Figure 1. Components of Economic Output⁴



The economic impacts and contributions presented in this analysis include the direct, indirect, and induced impacts. All terms are defined in the Glossary at the end of this document. Economic impacts and contributions of New Mexico State Parks were estimated at individual park-level using IMPLAN economic modeling software and are based on economic activity occurring in the specific counties where the parks are located. Spillover effects between counties in New Mexico are estimated using Multi-Regional Input-Output (MRIO) analysis. Impact figures are presented for New Mexico as a whole. Employment refers to full- and part-time jobs. Dollar impacts are presented in 2024 dollars. The 2022 IMPLAN Data Model was used for the entire analysis. Components may not sum to totals due to rounding.

Expenditures are shown in Table 4 for New Mexico State Parks from fiscal years 2019-2024. The expenditures are from all funding sources, including state funding, and therefore are used in the Economic Contribution Analysis, not the Economic Impact Analysis. Table 5 shows federal funding received by New Mexico State Parks. Since federal

⁴ (IMPLAN, 2019)

funding is from outside of New Mexico, it can be used in an Economic Impact Analysis. Both of these expenditures were assigned to *IMPLAN Industry Code 541 - * Employment and payroll of state govt, other services.*

Table 4. Expenditures, New Mexico State Parks, 2019-2024

County	2019	2020	2021	2022	2023	2024
Bernalillo	\$383,047	\$448,826	\$413,061	\$613,446	\$506,254	\$503,052
Chaves	\$534,188	\$487,231	\$445,543	\$1,313,893	\$1,556,299	\$781,288
Colfax	\$620,798	\$659,074	\$654,756	\$586,393	\$856,503	\$2,123,782
DeBaca	\$213,006	\$126,163	\$145,809	\$80,230	\$191,603	\$289,237
Doña Ana	\$698,779	\$725,581	\$881,495	\$576,699	\$920,380	\$893,563
Eddy	\$995,124	\$1,502,008	\$1,425,232	\$737,128	\$975,390	\$1,771,849
Grant	\$124,705	\$222,156	\$226,099	\$236,854	\$213,170	\$176,733
Guadalupe	\$189,046	\$227,619	\$224,528	\$264,296	\$282,865	\$282,615
Luna	\$412,792	\$456,450	\$444,963	\$458,081	\$521,262	\$496,752
McKinley	\$268,343	\$288,867	\$243,724	\$544,697	\$228,177	\$167,226
Cibola	\$268,343	\$288,867	\$243,724	\$544,697	\$228,177	\$167,226
Mora	\$390,753	\$319,186	\$377,675	\$694,614	\$2,298,066	\$2,973,324
New Mexico	\$156,150	\$0	\$80,006	\$78,694	\$0	\$0
Otero	\$163,064	\$184,910	\$172,696	\$139,098	\$192,461	\$163,403
Quay	\$1,038,017	\$623,869	\$550,576	\$463,902	\$650,627	\$713,361
Rio Arriba	\$747,820	\$768,225	\$407,542	\$2,117,626	\$571,013	\$1,392,884
Roosevelt	\$181,513	\$209,703	\$140,697	\$141,958	\$157,619	\$211,272
San Juan	\$1,010,910	\$2,223,358	\$1,636,102	\$2,537,301	\$2,651,164	\$701,594
San Miguel	\$1,047,923	\$1,177,323	\$1,069,940	\$1,115,394	\$1,128,695	\$1,167,837
Sandoval	\$223,563	\$172,263	\$250,851	\$273,653	\$221,403	\$232,026
Santa Fe	\$7,689,539	\$7,204,546	\$7,433,026	\$6,937,627	\$7,968,672	\$9,360,093
Sierra	\$1,976,561	\$3,108,579	\$2,677,886	\$1,691,827	\$2,004,568	\$11,628,420
Torrance	\$33,580	\$22,041	\$32,281	\$74,066	\$71,972	\$30,886
Union	\$190,564	\$200,375	\$220,980	\$194,059	\$228,912	\$218,417
Total	\$19,558,127	\$21,647,220	\$20,399,194	\$22,416,231	\$24,625,250	\$36,446,840

Table 5. Expenditures, Out-of-State Sources, New Mexico State Parks, 2019-2024

County	2019	2020	2021	2022	2023	2024
Bernalillo				\$67,683		
Chaves				\$433,396	\$363,883	\$77,285
Colfax					\$51,000	\$691,464
DeBaca					\$12,937	\$27,259
Doña Ana			\$41,987			
Eddy	\$37,700	\$247,136	\$305,758			\$310,581
McKinley	\$40,159	\$48,593	\$46,590	\$292,665	\$55,125	
Cibola	\$40,159	\$48,593	\$46,590	\$292,665	\$55,125	
Mora	\$55,994	\$4,848	\$42,010	\$63,328	\$1,009,016	\$504,701
New Mexico	\$133,414		\$37,828	\$37,172		
Quay	\$287,964					
Rio Arriba	\$81,391	\$182,095	\$7,235	\$1,541,082	\$58,429	\$778,311
San Juan	\$52,042	\$796,711	\$332,643	\$1,672,500	\$1,672,500	
San Miguel	\$121,614	\$186,648	\$58,098	\$76,698	\$3,262	
Santa Fe					\$341,561	\$33,439
Sierra	\$274,097	\$1,081,760	\$769,819	\$572,500	\$572,500	\$10,026,182
Total	\$1,124,534	\$2,596,382	\$1,688,558	\$5,049,689	\$4,195,338	\$12,449,223

Government industry codes are unique in IMPLAN in that spending patterns are not defined because government activities are so varied.⁵ As a result, indirect effects are not included in IMPLAN analysis for government industry codes, and need to be detailed separately. In the case of this study indirect effects were estimated based on New Mexico State Parks’ professional service contracts, construction improvements, and equipment purchases, and assigned the IMPLAN industry codes shown in Table 6.

Table 6. IMPLAN Industry Codes for Contracted Expenditures

Category	IMPLAN Code	Description
Design	457	Architectural, engineering, and related services
Construction	60	Maintenance and repair construction of nonresidential structures
Vehicles	402	Retail - Motor vehicle and parts dealers

Table 7 shows total visitation figures by county and park from 2019-2024. New Mexico State Parks collects visitation figures using a methodology that has been in use for several decades. Visitation is reported weekly and by park. To be consistent, weekly visitation

⁵ (Slovachek, 2024)

reports were sorted to fiscal years based on the end date of the weekly report. These visitation figures include all visitors, including New Mexico residents and out-of-state visitors, and day use and overnight visitors.

Table 7. Visitation by County and Park, New Mexico State Parks, 2019-2024

County	Location	2019	2020	2021	2022	2023	2024
Bernalillo	Rio Grande Nature Center	139,095	76,736	65,947	211,982	162,569	222,432
Chaves	Bottomless Lake	175,114	98,540	77,406	177,997	119,190	132,005
Colfax	Cimarron Canyon	201,267	384,877	411,899	283,471	376,624	387,796
Colfax	Eagle Nest Lake	180,030	176,798	223,324	196,244	253,359	451,933
Colfax	Sugarite Canyon	113,843	112,287	108,293	131,830	60,938	70,787
DeBaca	Sumner Lake	39,017	40,130	72,153	73,757	21,604	33,842
Doña Ana	Leasburg Dam	40,658	26,004	25,213	28,504	29,001	67,387
Doña Ana	Mesilla Valley Bosque	148	18,363	17,570	24,816	27,408	25,905
Eddy	Brantley Lake	83,730	77,508	17,798	18,782	61,897	97,738
Eddy	Living Desert	35,496	24,792	20,178	34,472	35,413	35,003
Grant	City of Rocks	65,943	42,200	49,155	66,798	68,152	71,222
Guadalupe	Santa Rosa Lake	105,806	93,004	118,601	241,513	179,627	128,986
Luna	Pancho Villa	58,160	60,032	61,843	124,928	104,468	109,973
Luna	Rockhound	49,238	31,127	39,668	79,358	72,738	61,397
McKinley/Cibola	Bluewater Lake	91,976	53,398	102,252	144,421	129,082	123,933
Mora	Coyote Creek	72,827	57,073	50,063	32,378	35,292	47,669
Mora	Morphy Lake	0	0	46,760	23,745	26,574	45,795
Otero	Oliver Lee	61,661	43,868	32,087	35,573	68,564	67,117
Quay	Region Northeast					66	185
Quay	Ute Lake	534,562	440,655	384,906	415,130	361,113	370,556
Rio Arriba	El Vado Lake	12,433	30,042	39,117	16,897	8,234	11,631
Rio Arriba	Heron Lake	124,290	96,140	106,759	50,781	43,378	90,991
Roosevelt	Oasis	49,248	47,415	51,859	53,147	17,938	30,463
San Juan	Navajo Lake	440,498	671,273	600,585	806,144	808,437	458,104
San Miguel	Conchas Lake	145,015	65,019	37,674	39,818	53,805	103,203
San Miguel	Pecos Canyon		2,585	15,336	19,969	20,372	70,044
San Miguel	Storrie Lake	172,428	240,006	183,119	188,592	198,837	230,288
San Miguel	Villanueva	51,379	44,073	42,285	35,038	25,416	29,697
Sandoval	Fenton Lake	145,337	89,041	105,825	114,215	108,939	125,475
Santa Fe	Cerrillos Hills	9,240	7,874	11,161	11,844	9,912	9,408
Santa Fe	Hyde Memorial	28,641	29,414	13,330	19,663	24,551	21,670
Sierra	Caballo Lake	382,874	229,276	141,041	220,420	192,369	391,670
Sierra	Elephant Butte Lake	1,012,262	532,411	1,091,329	932,668	880,799	924,791
Sierra	Percha Dam	50,965	24,496	17,119	33,092	24,880	82,723
Torrance	Manzano Mountains	20,856	11,150	2,963	13,788	17,208	18,615
Union	Clayton Lake & Dinosaur Trackways	53,401	50,438	43,521	112,238	121,404	138,387
Total		4,747,438	4,028,045	4,428,139	5,014,013	4,750,158	5,288,821

Table 8. Out-of-State Visitation by County and Park, New Mexico State Parks, 2019-2024

County	Park	2019	2020	2021	2022	2023	2024
Bernalillo	Rio Grande Nature Center			80	177	222	204
Chaves	Bottomless Lakes	7,241	5,209	7,643	19,811	17,164	16,363
Colfax	Cimarron Canyon	4,038	2,916	5,232	8,107	10,331	10,786
Colfax	Eagle Nest Lake	801	534	1,311	2,978	2,727	1,437
Colfax	Sugarite Canyon	2,561	1,456	3,891	7,268	7,046	6,890
DeBaca	Sumner Lake	1,544	799	1,841	4,295	3,740	4,175
Doña Ana	Leasburg Dam	5,723	3,594	3,493	9,947	10,661	9,649
Doña Ana	Mesilla Valley Bosque			41	80	119	131
Eddy	Brantley Lake	12,772	8,294	13	4,574	17,336	16,276
Grant	City of Rocks	3,211	2,478	4,222	12,792	13,280	13,184
Guadalupe	Santa Rosa Lake	4,386	2,719	5,153	13,484	13,104	7,697
Luna	Pancho Villa	1,522	1,368	1,204	6,664	5,373	3,347
Luna	Rockhound	2,178	1,623	3,163	10,677	11,021	10,689
McKinley/Cibola	Bluewater Lake	2,351	1,124	3,867	4,183	3,704	3,748
Mora	Coyote Creek	1,201	608	1,270	1,276	2,175	1,953
Otero	Oliver Lee Memorial	3,670	3,107	8,166	20,425	16,044	19,210
Quay	Ute Lake	5,028	3,629	6,138	13,087	10,176	9,371
Rio Arriba	El Vado Lake	775	329	583	1,021	1,222	1,468
Rio Arriba	Heron Lake	3,390	2,212	3,423	9,704	7,948	7,678
Roosevelt	Oasis	1,323	893	1,561	4,763	5,420	5,914
San Juan	Navajo Lake	9,653	5,587	8,359	21,291	19,642	19,578
San Miguel	Conchas Lake	2,011	1,190	1,835	1,859	1,949	2,158
San Miguel	Pecos Canyon State Park			442	982	1,022	1,861
San Miguel	Storrie Lake	1,428	1,151	2,017	4,992	5,409	6,023
San Miguel	Villanueva	1,144	838	1,933	5,004	3,965	4,281
Sandoval	Fenton Lake State Park	909	472	949	1,714	1,498	1,774
Santa Fe	Cerrillos Hills State Park Visitor Center - Cerrillos			1	10	2	8
Santa Fe	Hyde Memorial	3,422	2,759	3,551	5,310	8,303	9,740
Sierra	Caballo Lake	4,778	13,598	6,895	18,266	19,596	18,492
Sierra	Elephant Butte Lake	18,524	16,632	15,293	37,839	39,521	39,014
Sierra	Percha Dam	3,050	3,683	2,716	6,019	6,981	6,608
Torrance	Manzano Mountains	957	308	1,379	2,261	2,546	2,355
Union	Clayton Lake State Park and Dinosaur Trackways	2,154	986	2,840	4,213	3,702	3,893
Total		111,745	90,096	110,505	265,073	272,949	265,955

The figures for all visitors are appropriate for Industry Contribution Analysis, however only out-of-state visitor figures are used in Economic Impact Analysis. The best data source for out-of-state visitors comes from New Mexico State Parks reservation system which tracks the home address of park visitors using the reservation system to book visits to New Mexico State Parks. There are out-of-state visitors that attend New Mexico State Parks not included in reservation system data, such as those who pay at the park or were included in a reservation booked by a New Mexico resident, however since these visitors cannot be identified specifically they are not included in the out-of-state visitors figures for this study. To quantify this figure additional surveys and data collection would be required. As a result, the figure used for out-of-state visitor spending in the Economic Impact Analysis can be considered conservative and possibly a significant underestimate. Table 8 shows out-of-state visitation figures.

To estimate visitor spending, several sources were considered for typical visitor spending, especially considering day use and overnight use, which cannot be disaggregated precisely from existing datasets. For tourism in general, studies prepared by the Oxford Economics company Tourism Economics are a good basis of estimate. The 2023 Economic Impact of Tourism in New Mexico study prepared for the New Mexico Tourism Department found visitors spend on average \$205 per day on visits to New Mexico.⁶ For general reference, the 2024 U.S. General Services Administration standard per diem rates for lodging, meals and incidental expenses in New Mexico is \$166 per day.⁷ The University of Arizona prepared a study in 2021 on the Economic Contribution and Impact of Arizona State Parks that conducted extensive surveys which identified a wide variation of spending patterns at different parks but with an average spending of \$93.77 per day per visitor.⁸ A 2014 study of the Economic Contributions of Texas State Parks also conducted extensive surveys and interviews and found day visitors spent on average \$37.49 per day, and overnight visitors spent \$15.81 per day.⁹ Adjusted for inflation to 2024 dollars, these figures would be \$50.09 per day for day use and \$21.12 per day for overnight use.

The National Park Service also conducts studies of the economic contribution of visitor spending at national parks.¹⁰ Table 9 shows the National Park Service figures for visitor spending at national parks in New Mexico. Without additional surveys, these figures are the best available estimates for visitor spending at New Mexico State Parks and were used in this analysis. These figures also are in the middle of estimates for Texas and Arizona State Parks. Additionally, the figures are well below visitor spending estimates and per

⁶ (Tourism Economics, 2024)

⁷ (U.S. General Services Administration, 2024)

⁸ (Duval et al., 2021)

⁹ (Jeong & Crompton, 2014)

¹⁰ (Flyr & Koontz, 2024)

diem rates for general visitors in New Mexico, which is plausible as visiting or staying at state and national parks is generally less expensive than other activities or typical hotel accommodations. It is also fair to say these estimates are conservative estimates for visitor spending, which is appropriate without more direct figures gathered from surveys.

Table 9. National Park Service Visitor Spending Estimates, New Mexico¹¹

Category	Total Spending	Spending per Person	IMPLAN Code	Industry Description
Camping	\$2,600,000	\$1.13	-	-
Gas	\$25,500,000	\$11.09	408	Retail - Gasoline stores
Groceries	\$8,900,000	\$3.87	406	Retail - Food and beverage stores
Hotels	\$43,800,000	\$19.04	507	Hotels and motels, including casino hotels
Recreation	\$9,900,000	\$4.30	504	Other amusement and recreation industries
Restaurants	\$29,700,000	\$12.91	509	Full-service restaurants
			510	Limited-service restaurants
Retail	\$16,200,000	\$7.04	411	Retail - General merchandise stores
			412	Retail - Miscellaneous store retailers
Transportation	\$5,400,000	\$2.35	418	Transit and ground passenger transportation
Total	\$142,000,000	\$61.74	<i>Less camping the total spending is \$60.61 per person per day</i>	

Nonmarket/Social Benefits

Nonmarket/social benefits were measured using conservation value estimates for various land types held in conservation, and consumer surplus for recreational use values. Conservation values were calculated based on New Mexico State Parks' acreage by land type, and Ingraham and Foster's 2008 study of economic value of ecosystem services provided by various land types held in conservation.¹² Table 10 shows conservation values for specific land types in New Mexico's region, with updated values adjusted for inflation to 2024 dollars. Table 11 shows acreage at New Mexico State Parks in these categories.

Table 10. Conservation Values by Land Type, New Mexico, 2004 and 2024 dollars¹³

Land Type	Conservation Value (2004 dollars)	Conservation Value (2024 dollars)
Wetland	\$3,723.46	\$6,150.41
Open Water	\$128.51	\$212.27
Shrubland	\$551.63	\$911.18
Grassland	\$35.63	\$58.85
Forest	\$845.36	\$1,396.37

¹¹ Note: Camping is excluded from our visitor spending analysis because it is already captured in New Mexico State Parks expenditure figures.

¹² (Ingraham & Foster, 2008)

¹³ (Ingraham & Foster, 2008)

Table 11. Selected Land Types at New Mexico State Parks in acres

Park	County	Deciduous Forest	Emergent Herbaceous Wetlands	Evergreen Forest	Hay/Pasture	Herb.	Mixed Forest	Open Water	Shrub/Scrub	Woody Wetlands
Bluewater Lake	McKinley			232.5	3.5			875	662	
Bluewater Lake	Cibola			232.5	3.5			875	661.5	
Bottomless Lakes	Chaves		6					25	1,397	50
Brantley Lake	Eddy		85					4,000	3,407	74
Caballo Lake	Sierra		178		118	0		11,500	2,495	86
Cerrillos Hills	Santa Fe			0					1,085	
Cimarron Canyon	Colfax	1		214				1	17	45
City of Rocks	Grant					0			2,867	
Clayton Lakes and Dinosaur Trackways	Union		37	14		70		176	212	4
Conchas Lake	San Miguel		13					16,033	391	4
Coyote Creek	Mora	54	5	460	6		3		38	17
Eagle Nest Lake	Colfax		205	24	42	775		2,400	791	1
El Vado Lake	Rio Arriba		1,791	4,875	301	1,931		3,400	58,218	2,366
Elephant Butte Lake	Sierra		514	3	68	35		35,830	18,821	1,143
Fenton Lake	Sandoval		40	121	3			35	20	27
Heron Lake	Rio Arriba		153	1,027	2	18		5,950	5,493	89
Hyde Memorial	Santa Fe			317			2		0	
Leasburg Dam	Doña Ana		2		0			24	165	20
Living Desert Zoo and Gardens	Eddy								1,538	
Manzano Mountains	Torrance			176					7	
Mesilla Valley Bosque	Doña Ana		26		14				172	24
Morphy Lake	Mora			10		8		23	1	1
Navajo Lake	San Juan		9	732	5			15,624	5,582	448
Oasis	Roosevelt					4		1	176	
Oliver Lee Memorial	Otero								636	
Pancho Villa	Luna								29	
Pecos Canyon	San Miguel	9		280	0				44	5
Percha Dam	Sierra				5			3	12	9
Rio Grande Nature Center	Bernalillo		14		7			4	2	1
Rockhound	Luna			18					888	
Santa Rosa Lake	Guadalupe		0					3,800	321	
Storrie Lake	San Miguel		2			1		1,100	84	
Sugarite Canyon	Colfax	32	66	113		1,018	6	113	2,926	123
Sumner Lake	DeBaca	1	2	0				4,500	1,081	24
Ute Lake	Quay		50			0		8,200	1,233	8
Villanueva	San Miguel		0	711	1				981	9
Total		97	3,198	9,560	579	3,860	11	114,492	112,453	4,578

Recreational use values were estimated based on a 2016 study which valued the weighted average of recreational activities in New Mexico to be \$76.20 per visit per person in 2016 dollars, equivalent to \$99.82 per visit per person in 2024 dollars.¹⁴ This value was multiplied by visitors per year at each park to estimate the recreation value of New Mexico State Parks. A similar approach was used in the 2021 Economic Analysis of Washington State Parks.¹⁵

¹⁴ (Rosenberger et al., 2017)

¹⁵ (Mojica et al., 2021)

Analysis of Impacts

The primary economic benefits of New Mexico State Parks analyzed in the report are: (1) visitor spending, and (2) expenditures. Nonmarket/social benefits were measured using conservation value estimates for various land types held in conservation, and consumer surplus for recreational use values.

Expenditures

Expenditures include capital and operational expenditures by New Mexico State Parks. Economic Contribution analysis includes all expenditures, and Economic Impact Analysis only includes expenditure supported by out of state sources. Figures 2 and 3 show the estimated job and economic contribution of New Mexico State Parks' expenditures from 2019-2024. Figures 4 and 5 show the estimated job and economic impact of expenditures by New Mexico State Parks from 2019-2024. Table 12 and 13 show county-level economic impacts and contributions from expenditures by New Mexico State Parks for 2024.

Figure 2. Job Contribution, New Mexico State Parks, Expenditures, 2019-2024

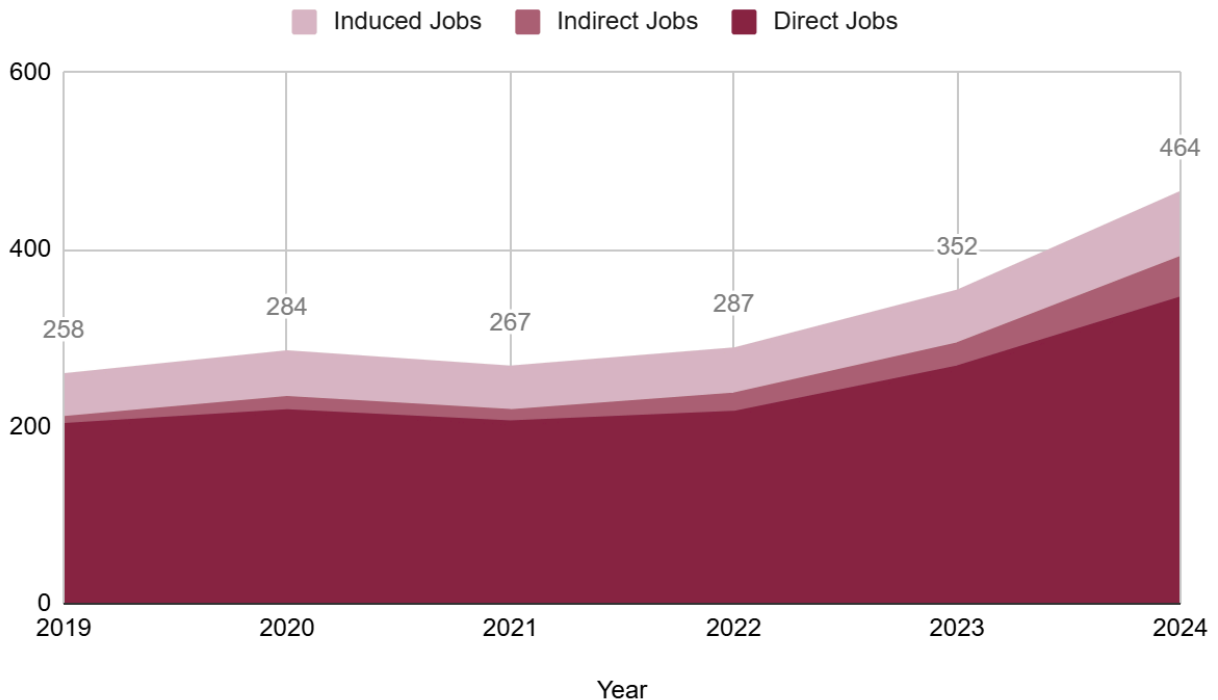


Figure 3. Economic Contribution, New Mexico State Parks, Expenditures, 2019-2024



Figure 4. Job Impact, New Mexico State Parks, Expenditures, 2019-2024

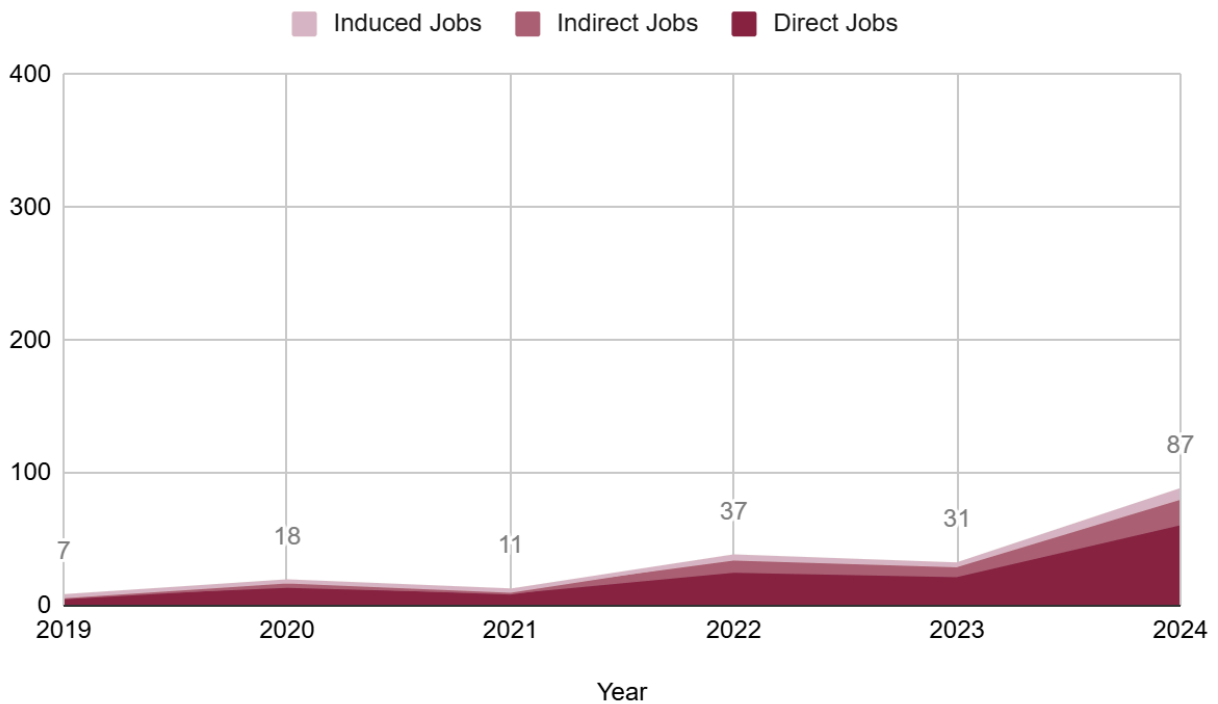


Figure 5. Economic Impact, New Mexico State Parks, Expenditures, 2019-2024

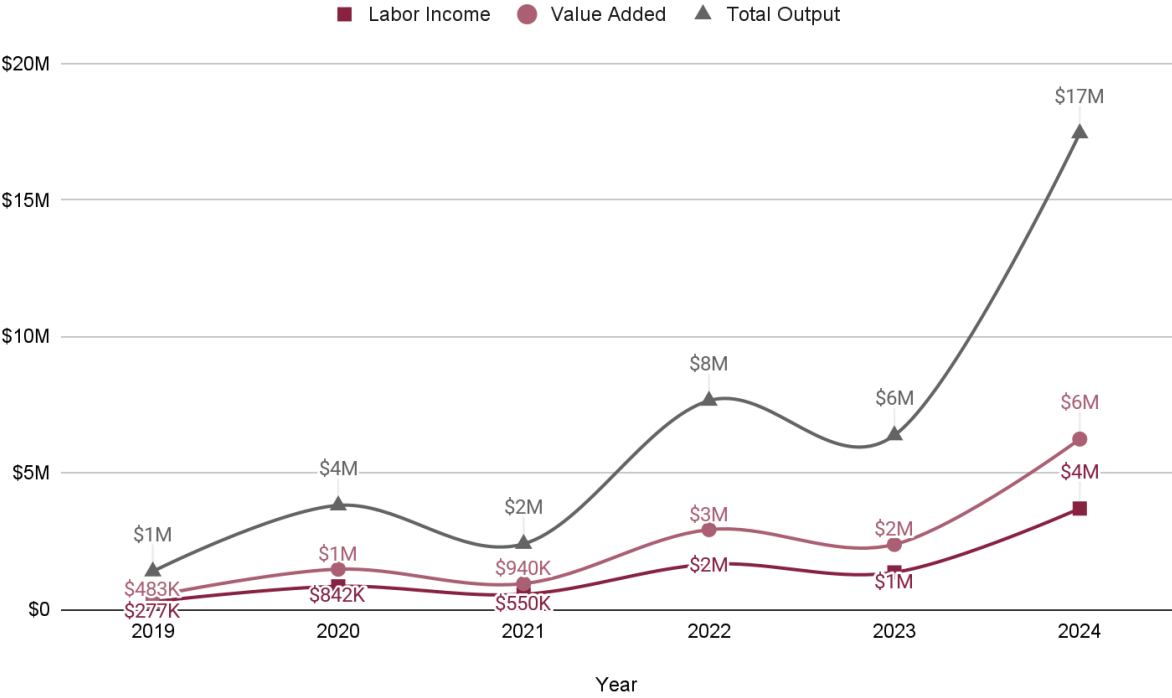


Table 12. Contributions by County, New Mexico State Parks, Expenditures, 2024

County	Jobs	Labor Income	Value Added	Output
Bernalillo	13	\$818,854	\$1,222,786	\$1,904,408
Chaves	12	\$746,333	\$1,053,971	\$1,578,185
Cibola	3	\$164,013	\$212,688	\$276,733
Colfax	32	\$1,513,555	\$2,338,989	\$5,139,775
DeBaca	6	\$305,986	\$419,452	\$752,253
Doña Ana	23	\$1,365,452	\$1,898,221	\$2,824,296
Eddy	28	\$1,969,643	\$2,901,875	\$4,693,750
Grant	6	\$316,673	\$464,867	\$824,238
Guadalupe	3	\$254,226	\$333,798	\$371,116
Luna	11	\$667,036	\$919,063	\$1,519,274
McKinley	3	\$174,538	\$229,753	\$299,242
Mora	23	\$919,139	\$1,364,840	\$4,081,022
Otero	5	\$305,786	\$428,042	\$729,327
Quay	12	\$708,614	\$925,194	\$1,164,591
Rio Arriba	15	\$764,062	\$1,118,936	\$2,248,978
Roosevelt	4	\$209,977	\$272,196	\$323,813
San Juan	16	\$1,046,314	\$1,463,337	\$2,235,030
San Miguel	23	\$1,317,862	\$1,796,346	\$2,674,246
Sandoval	14	\$823,457	\$1,238,477	\$2,492,430
Santa Fe	114	\$9,262,610	\$12,074,578	\$14,466,672
Sierra	92	\$4,456,166	\$6,897,802	\$16,823,783
Torrance	1	\$45,615	\$64,955	\$115,175
Union	3	\$208,572	\$268,973	\$334,672
Statewide Activities and Rest of NM Counties	5	\$188,575	\$351,960	\$798,796
Total	464	\$28,553,059	\$40,261,099	\$68,671,804

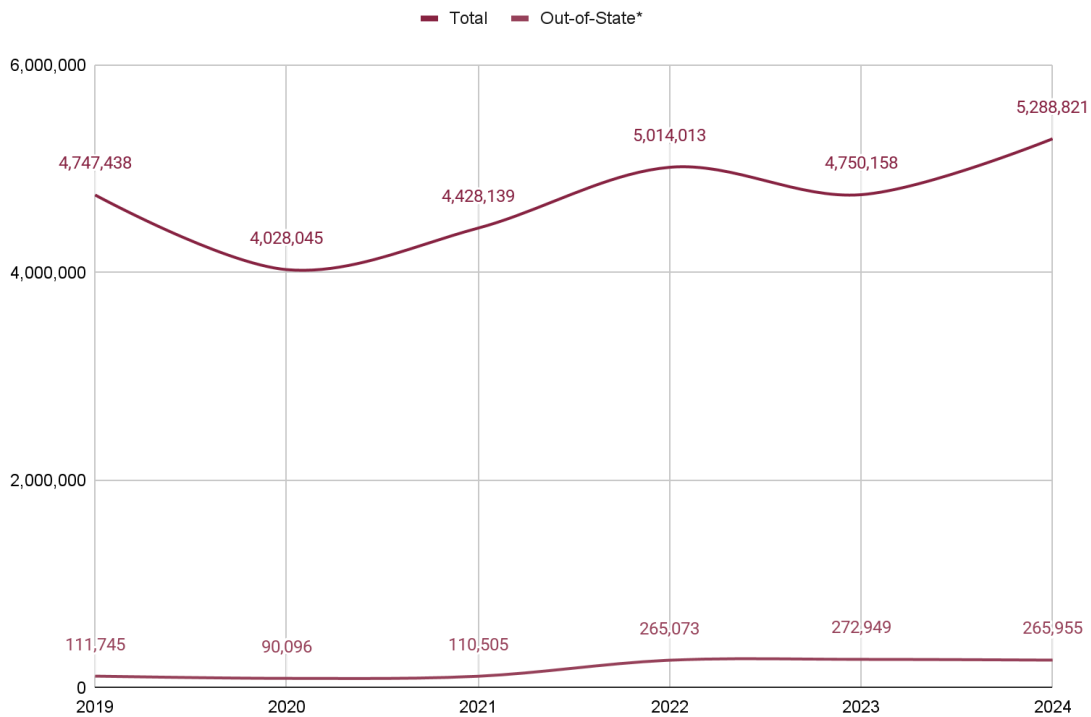
Table 13. Impacts by County, New Mexico State Parks, Expenditures, 2024

County	Jobs	Labor Income	Value Added	Output
Bernalillo	1	\$68,570	\$119,361	\$285,467
Chaves	1	\$31,313	\$56,858	\$144,789
Cibola	0	\$1,902	\$2,108	\$13,837
Colfax	5	\$211,925	\$367,529	\$1,053,017
DeBaca	0	\$10,539	\$13,262	\$36,758
Doña Ana	3	\$168,646	\$291,750	\$611,077
Eddy	2	\$136,658	\$248,136	\$519,874
Grant	0	\$29,124	\$49,624	\$80,735
Guadalupe	0	\$71	\$645	\$954
Luna	0	\$415	\$1,274	\$3,059
McKinley	0	\$1,564	\$3,610	\$11,205
Mora	3	\$106,986	\$170,321	\$630,368
Otero	0	\$1,517	\$4,102	\$7,389
Quay	0	\$14	\$76	\$177
Rio Arriba	5	\$220,974	\$373,251	\$1,051,612
Roosevelt	0	\$0	\$0	\$0
San Juan	0	\$2,888	\$11,430	\$19,561
San Miguel	0	\$2,326	\$5,937	\$12,285
Sandoval	0	\$5,409	\$11,571	\$26,322
Santa Fe	0	\$23,163	\$40,048	\$87,674
Sierra	64	\$2,639,448	\$4,403,751	\$12,710,211
Torrance	0	\$996	\$1,891	\$5,446
Union	0	\$388	\$735	\$1,761
Statewide Activities and Rest of NM Counties	1	\$27,668	\$59,798	\$128,234
Total	87	\$3,692,506	\$6,237,070	\$17,441,813

Visitor Spending

Figure 6 shows visitation at New Mexico State Parks from 2019-2024. These figures were used in combination with National Park Service data to estimate visitor spending. Figures 7 and 8, show estimated job and economic contribution from visitor spending - this includes resident and non-resident spending. Figures 9 and 10 show estimated economic impacts from visitor spending - this includes only out-of-state visitors. Table 14 and 15 show county-level economic impacts and contributions from visitor spending for 2024.

Figure 6. Visitation, New Mexico State Parks, Total and Out-of-State¹⁶, 2019-2024



¹⁶ Our estimates for out-of-state visitors only include visitors who registered online. Data is unavailable for out-of-state visitors who paid at the park or were included in a reservation booked by a New Mexico resident, and therefore these figures can be considered very conservative estimates based on available data.

Figure 7. Job Contribution, New Mexico State Parks, Visitor Spending, 2019-2024

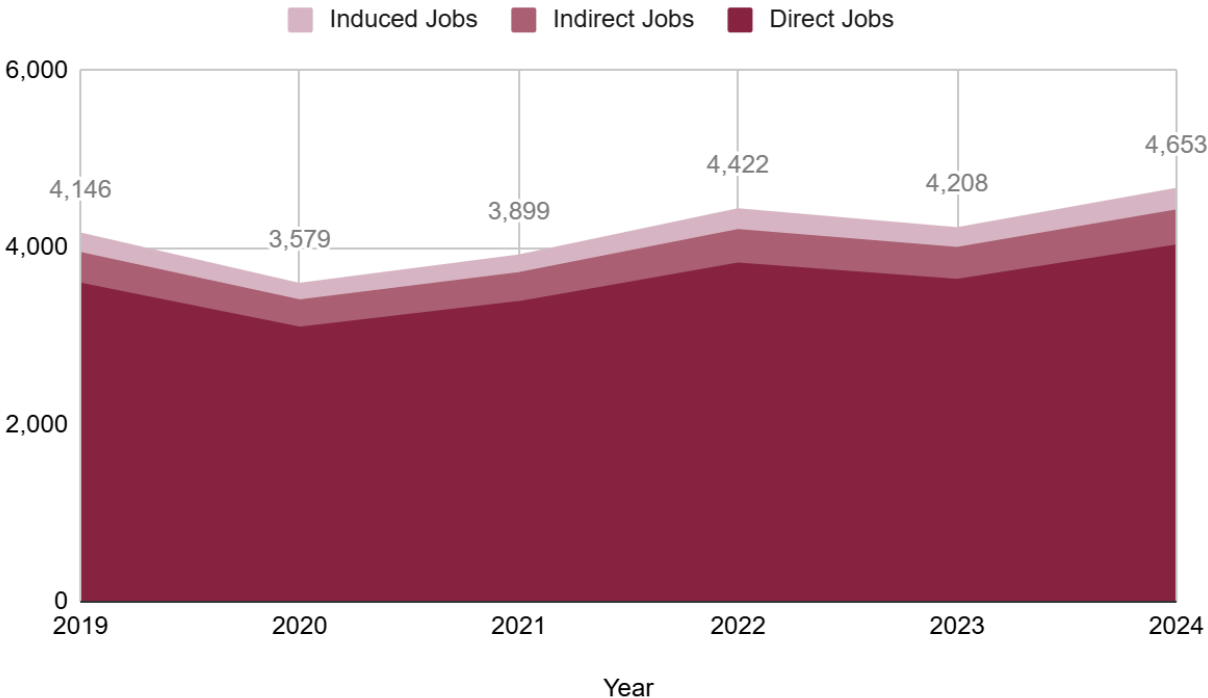


Figure 8. Economic Contribution, New Mexico State Parks, Visitor Spending, 2019-2024

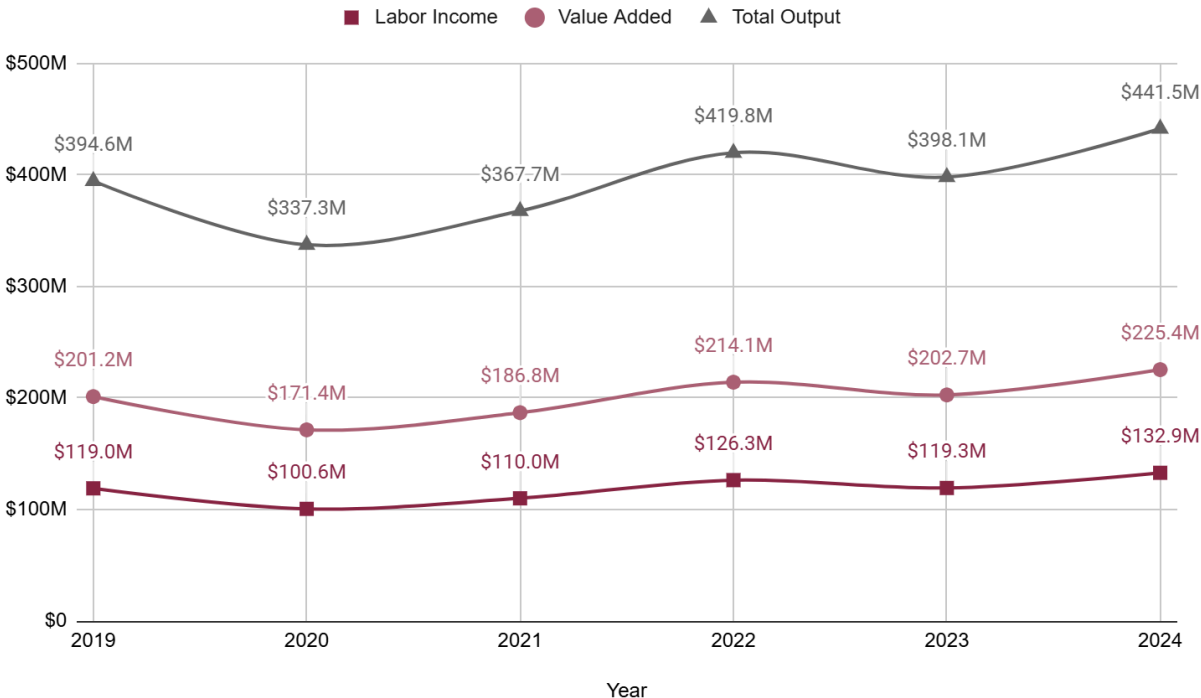


Figure 9. Job Impact, New Mexico State Parks, Visitor Spending, 2019-2024

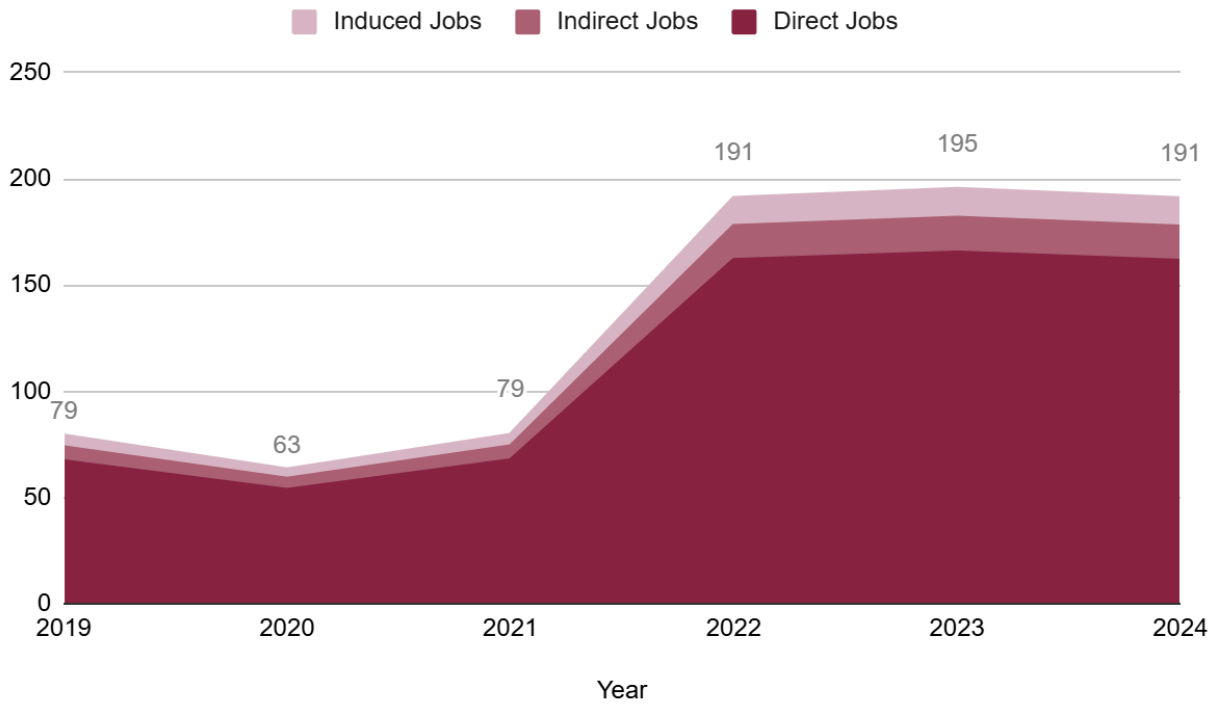


Figure 10. Economic Impact, New Mexico State Parks, Visitor Spending, 2019-2024



Table 14. Contributions by County, New Mexico State Parks, Visitor Spending, 2024

County	Jobs	Labor Income	Value Added	Output
Bernalillo	205	\$8,249,603	\$13,560,150	\$24,375,558
Chaves	115	\$3,699,149	\$6,098,688	\$11,383,879
Cibola	57	\$1,343,596	\$2,335,924	\$4,754,137
Colfax	851	\$21,865,195	\$38,653,855	\$76,554,036
DeBaca	27	\$879,003	\$1,344,039	\$2,515,865
Doña Ana	95	\$3,616,184	\$6,046,651	\$10,960,939
Eddy	106	\$3,684,970	\$6,172,492	\$11,131,982
Grant	70	\$1,696,282	\$3,055,936	\$6,201,607
Guadalupe	103	\$2,877,915	\$4,840,712	\$9,441,349
Luna	147	\$4,064,663	\$6,943,583	\$13,562,479
McKinley	51	\$1,562,841	\$2,628,618	\$5,015,452
Mora	79	\$2,163,907	\$3,602,319	\$7,159,307
Otero	62	\$1,536,407	\$2,744,719	\$5,494,907
Quay	324	\$8,881,102	\$15,269,934	\$30,973,636
Rio Arriba	84	\$2,433,856	\$4,124,734	\$7,909,558
Roosevelt	27	\$663,135	\$1,168,116	\$2,371,464
San Juan	436	\$11,759,130	\$20,261,901	\$40,479,543
San Miguel	391	\$9,550,622	\$16,600,278	\$34,236,712
Sandoval	116	\$3,042,697	\$5,277,337	\$10,324,545
Santa Fe	29	\$1,276,845	\$2,144,978	\$3,690,592
Sierra	1,124	\$33,688,212	\$54,943,951	\$107,641,358
Torrance	15	\$421,721	\$708,712	\$1,368,489
Union	124	\$3,250,950	\$5,536,452	\$11,394,428
Rest of NM Counties	14	\$677,497	\$1,332,495	\$2,555,818
Total	4,653	\$132,885,482	\$225,396,574	\$441,497,642

Table 15. Impacts by County, New Mexico State Parks, Visitor Spending 2024

County	Jobs	Labor Income	Value Added	Output
Bernalillo	1	\$33,712	\$67,817	\$137,301
Chaves	12	\$358,029	\$592,963	\$1,107,417
Cibola	1	\$31,023	\$53,824	\$110,917
Colfax	15	\$363,545	\$633,659	\$1,234,349
DeBaca	3	\$80,209	\$124,867	\$238,471
Doña Ana	8	\$330,179	\$520,421	\$933,129
Eddy	11	\$358,278	\$592,577	\$1,077,903
Grant	11	\$249,322	\$441,841	\$894,061
Guadalupe	5	\$135,717	\$224,555	\$434,852
Luna	10	\$257,479	\$439,490	\$860,936
McKinley	1	\$37,376	\$62,435	\$120,005
Mora	1	\$37,784	\$60,826	\$116,183
Otero	15	\$338,001	\$604,026	\$1,202,057
Quay	7	\$178,875	\$306,576	\$622,894
Rio Arriba	6	\$172,755	\$289,387	\$543,666
Roosevelt	4	\$100,034	\$175,652	\$354,994
San Juan	16	\$395,297	\$677,439	\$1,360,844
San Miguel	10	\$255,161	\$433,524	\$874,911
Sandoval	1	\$36,630	\$62,333	\$120,268
Santa Fe	7	\$261,091	\$418,531	\$716,949
Sierra	42	\$1,244,742	\$1,991,498	\$3,819,005
Torrance	2	\$41,350	\$68,766	\$131,260
Union	3	\$74,446	\$123,082	\$248,734
Rest of NM Counties	1	\$19,172	\$39,365	\$77,816
Total	191	\$5,390,205	\$9,005,455	\$17,338,922

Nonmarket/Social Benefits

Nonmarket or social benefits were measured using conservation value estimates for various land types held in conservation, and consumer surplus for recreational use values.

Conservation Values

Conservation values represent the dollar value of benefits from keeping various land types in conservation and their natural form. These benefits include clean water, flood protection, carbon storage, wildlife habitats, and societal well-being, all provided by the ecosystems located in wetlands, forests, shrublands, and other land types. Conservation values were calculated based on New Mexico State Parks' acreage by land type, and Ingraham and Foster's 2008 study of economic value of ecosystem services provided by various land types held in conservation.¹⁷ Table 16 shows the annual conservation values by park and land type, and Table 17 shows the total annual conservation values by park.

Table 16. Annual Conservation Values by Park and Land Type

Park	County	Deciduous Forest	Emergent Herbaceous Wetlands	Evergreen Forest	Hay/Pasture	Herb.	Mixed Forest	Open Water	Shrub/Scrub	Woody Wetlands
Bluewater Lake	McKinley	\$0	\$0	\$324,655	\$206	\$0	\$0	\$185,739	\$602,747	\$0
Bluewater Lake	Cibola	\$0	\$0	\$324,655	\$206	\$0	\$0	\$185,739	\$602,747	\$0
Bottomless Lakes	Chaves	\$0	\$36,902	\$0	\$0	\$0	\$0	\$5,307	\$1,272,922	\$307,521
Brantley Lake	Eddy	\$0	\$522,785	\$0	\$0	\$0	\$0	\$849,091	\$3,104,399	\$455,130
Caballo Lake	Sierra	\$0	\$1,094,773	\$0	\$6,945	\$0	\$0	\$2,441,137	\$2,273,400	\$528,935
Cerrillos Hills	Santa Fe	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$988,633	\$0
Cimarron Canyon	Colfax	\$1,396	\$0	\$298,822	\$0	\$0	\$0	\$212	\$15,490	\$276,769
City of Rocks	Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,612,360	\$0
Clayton Lakes and Dinosaur Trackways	Union	\$0	\$227,565	\$19,549	\$0	\$4,120	\$0	\$37,360	\$193,171	\$24,602
Conchas Lake	San Miguel	\$0	\$79,955	\$0	\$0	\$0	\$0	\$3,403,370	\$356,272	\$24,602
Coyote Creek	Mora	\$75,404	\$30,752	\$642,328	\$353	\$0	\$4,189	\$0	\$34,625	\$104,557
Eagle Nest Lake	Colfax	\$0	\$1,260,834	\$33,513	\$2,472	\$45,612	\$0	\$509,455	\$720,745	\$6,150
El Vado Lake	Rio Arriba	\$0	\$11,015,387	\$6,807,283	\$17,715	\$113,646	\$0	\$721,728	\$53,047,219	\$14,551,873
Elephant Butte Lake	Sierra	\$0	\$3,161,311	\$4,189	\$4,002	\$2,060	\$0	\$7,605,735	\$17,149,365	\$7,029,920
Fenton Lake	Sandoval	\$0	\$246,016	\$168,960	\$177	\$0	\$0	\$7,430	\$18,224	\$166,061
Heron Lake	Rio Arriba	\$0	\$941,013	\$1,434,068	\$118	\$1,059	\$0	\$1,263,023	\$5,005,125	\$547,387
Hyde Memorial	Santa Fe	\$0	\$0	\$442,648	\$0	\$0	\$2,793	\$0	\$0	\$0
Leasburg Dam	Doña Ana	\$0	\$12,301	\$0	\$0	\$0	\$0	\$5,095	\$150,345	\$123,008
Living Desert Zoo and Gardens	Eddy	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,401,399	\$0
Manzano Mountains	Torrance	\$0	\$0	\$245,760	\$0	\$0	\$0	\$0	\$6,378	\$0
Mesilla Valley Bosque	Doña Ana	\$0	\$159,911	\$0	\$824	\$0	\$0	\$0	\$156,723	\$147,610
Morphy Lake	Mora	\$0	\$0	\$13,964	\$0	\$471	\$0	\$4,882	\$911	\$6,150

¹⁷ (Ingraham & Foster, 2008)

Navajo Lake	San Juan	\$0	\$55,354	\$1,022,140	\$294	\$0	\$0	\$3,316,551	\$5,086,220	\$2,755,384
Oasis	Roosevelt	\$0	\$0	\$0	\$0	\$235	\$0	\$212	\$160,368	\$0
Oliver Lee Memorial	Otero	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$579,512	\$0
Pancho Villa	Luna	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,424	\$0
Pecos Canyon	San Miguel	\$12,567	\$0	\$390,982	\$0	\$0	\$0	\$0	\$40,092	\$30,752
Percha Dam	Sierra	\$0	\$0	\$0	\$294	\$0	\$0	\$637	\$10,934	\$55,354
Rio Grande Nature Center	Bernalillo	\$0	\$86,106	\$0	\$412	\$0	\$0	\$849	\$1,822	\$6,150
Rockhound	Luna	\$0	\$0	\$25,135	\$0	\$0	\$0	\$0	\$809,130	\$0
Santa Rosa Lake	Guadalupe	\$0	\$0	\$0	\$0	\$0	\$0	\$806,637	\$292,490	\$0
Storrie Lake	San Miguel	\$0	\$12,301	\$0	\$0	\$59	\$0	\$233,500	\$76,539	\$0
Sugarite Canyon	Colfax	\$44,684	\$405,927	\$157,789	\$0	\$59,913	\$8,378	\$23,987	\$2,666,120	\$756,501
Sumner Lake	DeBaca	\$1,396	\$12,301	\$0	\$0	\$0	\$0	\$955,228	\$984,988	\$147,610
Ute Lake	Quay	\$0	\$307,521	\$0	\$0	\$0	\$0	\$1,740,637	\$1,123,488	\$49,203
Villanueva	San Miguel	\$0	\$0	\$992,816	\$59	\$0	\$0	\$0	\$893,870	\$55,354
Total		\$135,447	\$19,669,015	\$13,349,256	\$34,076	\$227,175	\$15,360	\$24,303,539	\$102,465,198	\$28,156,583

Table 17. Annual Conservation Values by Park

Park	County	Total
Bluewater Lake	McKinley	\$1,113,347
Bluewater Lake	Cibola	\$1,113,347
Bottomless Lakes	Chaves	\$1,622,652
Brantley Lake	Eddy	\$4,931,405
Caballo Lake	Sierra	\$6,345,191
Cerrillos Hills	Santa Fe	\$988,633
Cimarron Canyon	Colfax	\$592,689
City of Rocks	Grant	\$2,612,360
Clayton Lakes and Dinosaur Trackways	Union	\$506,366
Conchas Lake	San Miguel	\$3,864,199
Coyote Creek	Mora	\$892,208
Eagle Nest Lake	Colfax	\$2,578,781
El Vado Lake	Rio Arriba	\$86,274,850
Elephant Butte Lake	Sierra	\$34,956,582
Fenton Lake	Sandoval	\$606,868
Heron Lake	Rio Arriba	\$9,191,792
Hyde Memorial	Santa Fe	\$445,441
Leasburg Dam	Doña Ana	\$290,749
Living Desert Zoo and Gardens	Eddy	\$1,401,399
Manzano Mountains	Torrance	\$252,139
Mesilla Valley Bosque	Doña Ana	\$465,068
Morphy Lake	Mora	\$26,378
Navajo Lake	San Juan	\$12,235,943
Oasis	Roosevelt	\$160,816
Oliver Lee Memorial	Otero	\$579,512

Pancho Villa	Luna	\$26,424
Pecos Canyon	San Miguel	\$474,394
Percha Dam	Sierra	\$67,219
Rio Grande Nature Center	Bernalillo	\$95,340
Rockhound	Luna	\$834,265
Santa Rosa Lake	Guadalupe	\$1,099,126
Storrie Lake	San Miguel	\$322,399
Sugarite Canyon	Colfax	\$4,123,299
Sumner Lake	DeBaca	\$2,101,523
Ute Lake	Quay	\$3,220,849
Villanueva	San Miguel	\$1,942,098
Total		\$188,355,650

Recreational Use Value

Recreational use values represent the dollar value of benefits people experience from enjoying outdoor activities on conserved lands in their natural form. These benefits include the excitement, mental well-being, and satisfaction gained from activities such as hiking, biking, camping, fishing, skiing, and birdwatching, all enabled by vibrant ecosystems in forests, lakes, wetlands, and other natural landscapes. Recreational use values were estimated based on a 2016 study which valued the weighted average of recreational activities in New Mexico to be \$76.20 in 2016 dollars, equivalent to \$99.82 per visit per person in 2024 dollars.¹⁸ Recreational use values by park for 2019-2024 are shown in Table 18.

Table 18. Recreational Use Values by Park, New Mexico State Parks, 2019-2024

County	Location	2019	2020	2021	2022	2023	2024
Bernalillo	Rio Grande Nature Ctr.	\$13,884,741	\$7,659,941	\$6,582,961	\$21,160,467	\$16,227,963	\$22,203,607
Chaves	Bottomless Lake	\$17,480,230	\$9,836,460	\$7,726,822	\$17,768,017	\$11,897,784	\$13,177,003
Colfax	Cimarron Canyon	\$20,090,874	\$38,419,192	\$41,116,582	\$28,296,642	\$37,595,361	\$38,710,572
Colfax	Eagle Nest Lake	\$17,970,955	\$17,648,330	\$22,292,648	\$19,589,469	\$25,290,802	\$45,112,856
Colfax	Sugarite Canyon	\$11,364,036	\$11,208,713	\$10,810,024	\$13,159,534	\$6,082,953	\$7,066,100
DeBaca	Sumner Lake	\$3,894,755	\$4,005,857	\$7,202,457	\$7,362,571	\$2,156,554	\$3,378,176
Doña Ana	Leasburg Dam	\$4,058,563	\$2,595,771	\$2,516,812	\$2,845,326	\$2,894,938	\$6,726,705
Doña Ana	Mesilla Valley Bosque	\$14,774	\$1,833,031	\$1,753,873	\$2,477,183	\$2,735,921	\$2,585,889
Eddy	Brantley Lake	\$8,358,096	\$7,737,004	\$1,776,632	\$1,874,857	\$6,178,682	\$9,756,403
Eddy	Living Desert	\$3,543,282	\$2,474,787	\$2,014,208	\$3,441,064	\$3,534,996	\$3,494,069
Grant	City of Rocks	\$6,582,562	\$4,212,488	\$4,906,750	\$6,667,910	\$6,803,069	\$7,109,522
Guadalupe	Santa Rosa Lake	\$10,561,767	\$9,283,845	\$11,838,989	\$24,108,311	\$17,930,726	\$12,875,640
Luna	Pancho Villa	\$5,805,648	\$5,992,514	\$6,173,292	\$12,470,563	\$10,428,205	\$10,977,725
Luna	Rockhound	\$4,915,036	\$3,107,159	\$3,959,739	\$7,921,674	\$7,260,853	\$6,128,771
McKinley/Cibola	Bluewater Lake	\$9,181,228	\$5,330,295	\$10,206,999	\$14,416,393	\$12,885,223	\$12,371,240
Mora	Coyote Creek	\$7,269,737	\$5,697,141	\$4,997,389	\$3,232,037	\$3,522,918	\$4,758,415
Mora	Morphy Lake	\$0	\$0	\$4,667,677	\$2,370,273	\$2,652,670	\$4,571,348

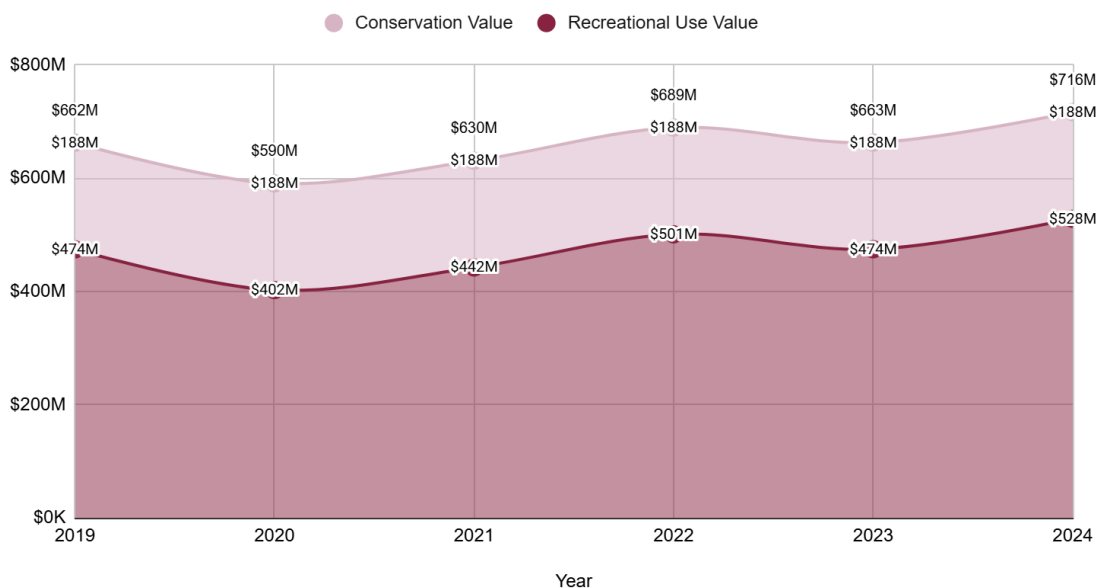
¹⁸ (Rosenberger et al., 2017)

Otero	Oliver Lee	\$6,155,124	\$4,378,991	\$3,202,989	\$3,550,968	\$6,844,196	\$6,699,753
Quay	Region Northeast	\$0	\$0	\$0	\$0	\$6,588	\$18,467
Quay	Ute Lake	\$53,361,048	\$43,987,063	\$38,422,087	\$41,439,107	\$36,047,022	\$36,989,641
Rio Arriba	El Vado Lake	\$1,241,087	\$2,998,853	\$3,904,737	\$1,686,692	\$821,934	\$1,161,030
Rio Arriba	Heron Lake	\$12,406,876	\$9,596,887	\$10,656,897	\$5,069,061	\$4,330,079	\$9,082,904
Roosevelt	Oasis	\$4,916,034	\$4,733,060	\$5,176,669	\$5,305,240	\$1,790,607	\$3,040,878
San Juan	Navajo Lake	\$43,971,391	\$67,007,813	\$59,951,596	\$80,470,906	\$80,699,798	\$45,728,857
San Miguel	Conchas Lake	\$14,475,687	\$6,490,327	\$3,760,694	\$3,974,712	\$5,370,923	\$10,301,930
San Miguel	Pecos Canyon	\$0	\$258,040	\$1,530,870	\$1,993,346	\$2,033,574	\$6,991,932
San Miguel	Storrie Lake	\$17,212,108	\$23,957,879	\$18,279,305	\$18,825,631	\$19,848,307	\$22,987,809
San Miguel	Villanueva	\$5,128,755	\$4,399,455	\$4,220,973	\$3,497,563	\$2,537,076	\$2,964,414
Sandoval	Fenton Lake	\$14,507,830	\$8,888,251	\$10,563,663	\$11,401,170	\$10,874,509	\$12,525,165
Santa Fe	Cerrillos Hills	\$922,355	\$785,998	\$1,114,113	\$1,182,292	\$989,436	\$939,125
Santa Fe	Hyde Memorial	\$2,859,002	\$2,936,164	\$1,330,627	\$1,962,800	\$2,450,730	\$2,163,143
Sierra	Caballo Lake	\$38,219,248	\$22,886,789	\$14,078,995	\$22,002,765	\$19,202,658	\$39,097,283
Sierra	Elephant Butte Lake	\$101,046,017	\$53,146,331	\$108,938,643	\$93,100,785	\$87,923,118	\$92,314,487
Sierra	Percha Dam	\$5,087,428	\$2,445,240	\$1,708,853	\$3,303,310	\$2,483,571	\$8,257,575
Torrance	Manzano Mountains	\$2,081,888	\$1,113,015	\$295,773	\$1,376,346	\$1,717,737	\$1,858,187
Union	Clayton Lake & Dinosaur Trackways	\$5,330,595	\$5,034,822	\$4,344,353	\$11,203,822	\$12,118,790	\$13,814,067
Total		\$473,898,756	\$402,087,508	\$442,025,691	\$500,508,806	\$474,170,272	\$527,940,690

Total Nonmarket/Social Value

Total nonmarket benefits for the study period are shown in Figure 11. Recreation use values vary with visitation, but represent annual benefits as the parks are visited. Conservation values are also annual figures based on the ecological services provided by each of the land types held in conservation.

Figure 11. Nonmarket Benefits of New Mexico State Parks, 2019-2024



Total Economic Impact

The total estimated job and economic contribution of New Mexico State Parks is shown in Figures 12 and 13. This includes resident and non-resident visitor spending, and the total expenditures of New Mexico State Parks. Figures 14 and 15 show the total estimated economic impact of New Mexico State Parks. This includes out-of-state visitor spending, and expenditures from out-of-state sources. Table 19 and 20 show county-level economic impacts and contributions of New Mexico State Parks for 2024.

Figure 12. Job Contribution, New Mexico State Parks, 2019-2024

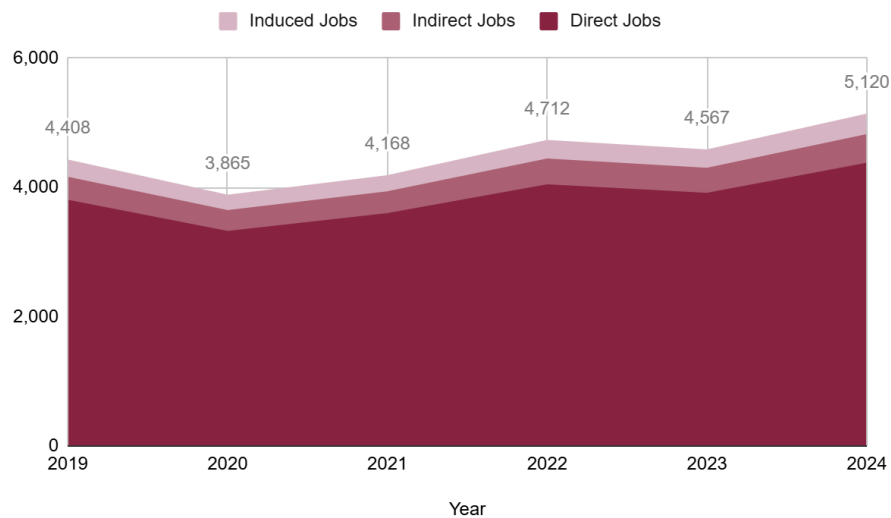


Figure 13. Economic Contribution, New Mexico State Parks, 2019-2024

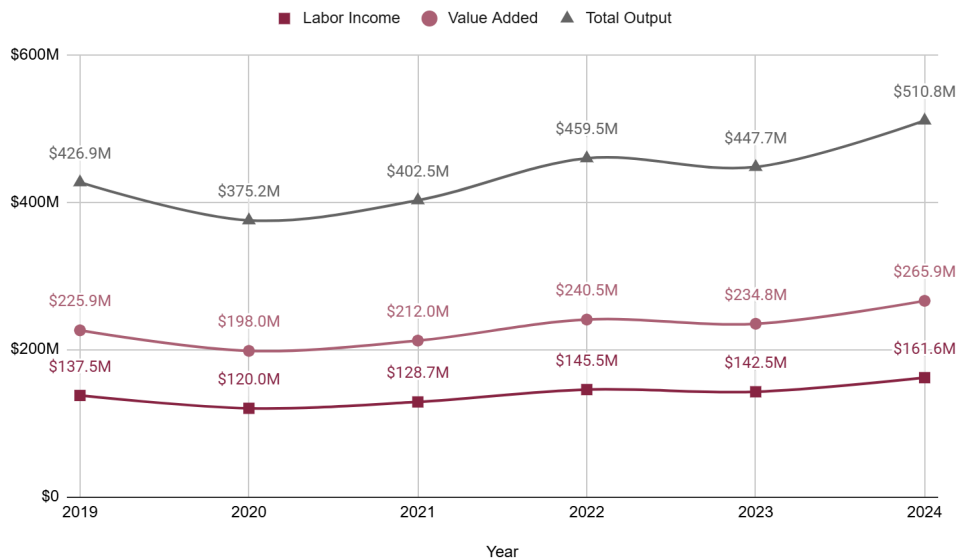


Figure 14. Job Impact, New Mexico State Parks, 2019-2024

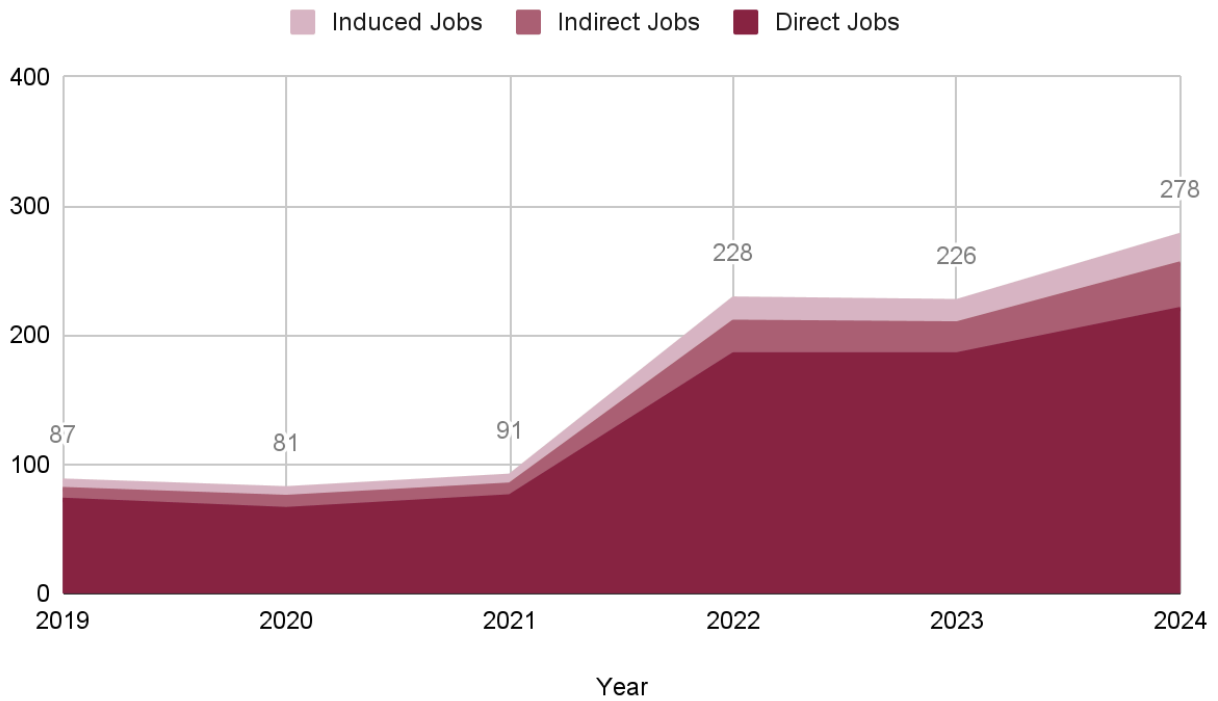


Figure 15. Economic Impact, New Mexico State Parks, 2019-2024



Table 19. Contributions by County, New Mexico State Parks, 2024

County	Jobs	Labor Income	Value Added	Output
Bernalillo	217	\$9,068,458	\$14,782,937	\$26,279,966
Chaves	126	\$4,445,483	\$7,152,658	\$12,962,064
Cibola	60	\$1,507,609	\$2,548,611	\$5,030,870
Colfax	884	\$23,378,750	\$40,992,844	\$81,693,812
DeBaca	32	\$1,184,989	\$1,763,491	\$3,268,118
Doña Ana	118	\$4,981,635	\$7,944,872	\$13,785,235
Eddy	134	\$5,654,613	\$9,074,367	\$15,825,733
Grant	76	\$2,012,955	\$3,520,803	\$7,025,845
Guadalupe	106	\$3,132,140	\$5,174,510	\$9,812,464
Luna	158	\$4,731,699	\$7,862,647	\$15,081,753
McKinley	54	\$1,737,379	\$2,858,370	\$5,314,694
Mora	102	\$3,083,046	\$4,967,159	\$11,240,329
Otero	68	\$1,842,194	\$3,172,761	\$6,224,234
Quay	336	\$9,589,716	\$16,195,128	\$32,138,227
Rio Arriba	98	\$3,197,918	\$5,243,670	\$10,158,535
Roosevelt	30	\$873,112	\$1,440,312	\$2,695,277
San Juan	453	\$12,805,444	\$21,725,238	\$42,714,573
San Miguel	413	\$10,868,483	\$18,396,624	\$36,910,958
Sandoval	130	\$3,866,154	\$6,515,815	\$12,816,976
Santa Fe	143	\$10,539,455	\$14,219,556	\$18,157,264
Sierra	1,216	\$38,144,378	\$61,841,753	\$124,465,141
Torrance	16	\$467,336	\$773,668	\$1,483,664
Union	127	\$3,459,522	\$5,805,425	\$11,729,101
Statewide Activities and Rest of NM Counties	21	\$1,051,271	\$1,972,446	\$3,940,616
Total	5,120	\$161,623,740	\$265,945,664	\$510,755,448

Table 20. Impacts by County, New Mexico State Parks, 2024

County	Jobs	Labor Income	Value Added	Output
Bernalillo	2	\$102,282	\$187,178	\$422,768
Chaves	13	\$389,343	\$649,821	\$1,252,206
Cibola	2	\$32,925	\$55,932	\$124,754
Colfax	20	\$575,469	\$1,001,187	\$2,287,366
DeBaca	3	\$90,748	\$138,130	\$275,230
Doña Ana	11	\$498,825	\$812,171	\$1,544,206
Eddy	13	\$494,936	\$840,713	\$1,597,776
Grant	11	\$278,446	\$491,465	\$974,795
Guadalupe	5	\$135,788	\$225,200	\$435,806
Luna	10	\$257,894	\$440,763	\$863,995
McKinley	1	\$38,940	\$66,045	\$131,211
Mora	5	\$144,770	\$231,147	\$746,551
Otero	15	\$339,518	\$608,128	\$1,209,446
Quay	7	\$178,889	\$306,652	\$623,072
Rio Arriba	11	\$393,729	\$662,638	\$1,595,277
Roosevelt	4	\$100,034	\$175,652	\$354,994
San Juan	16	\$398,185	\$688,868	\$1,380,405
San Miguel	11	\$257,488	\$439,462	\$887,196
Sandoval	2	\$42,039	\$73,904	\$146,591
Santa Fe	7	\$284,253	\$458,579	\$804,623
Sierra	105	\$3,884,190	\$6,395,250	\$16,529,216
Torrance	2	\$42,346	\$70,657	\$136,706
Union	3	\$74,834	\$123,818	\$250,494
Statewide Activities and Rest of NM Counties	1	\$46,840	\$99,163	\$206,051
Total	278	\$9,082,711	\$15,242,525	\$34,780,735

Tax Revenue Impact

Figures 16 and 17 show the tax revenues generated from the economic contribution of New Mexico State Parks. Figures 18 and 19 show the tax revenues generated from the economic impact of New Mexico State Parks.

Figure 16. Tax Contribution, New Mexico State Parks, 2019-2024

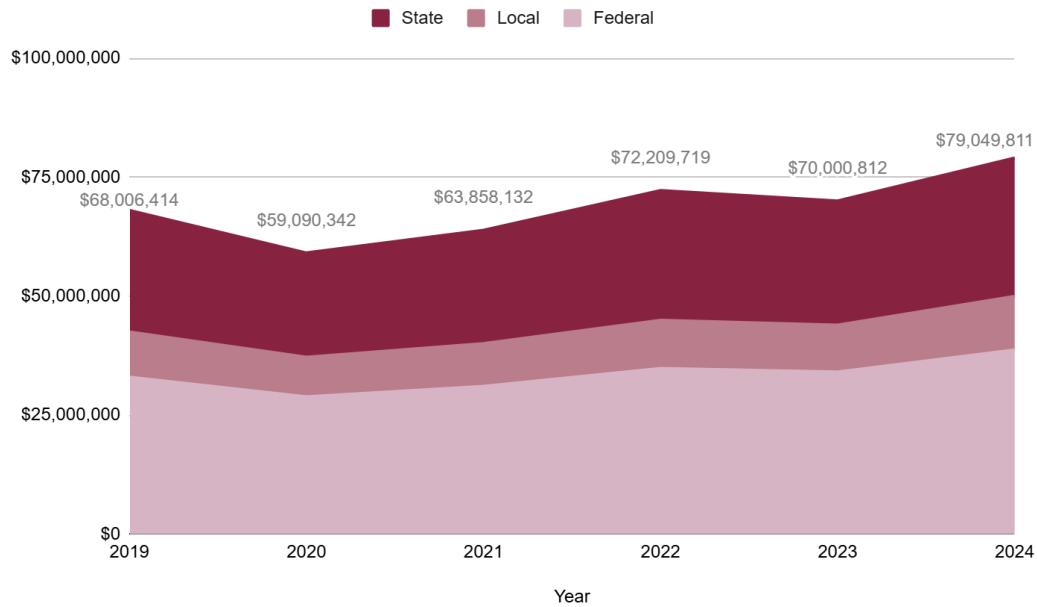


Figure 17. Tax Impact, New Mexico State Parks, 2019-2024

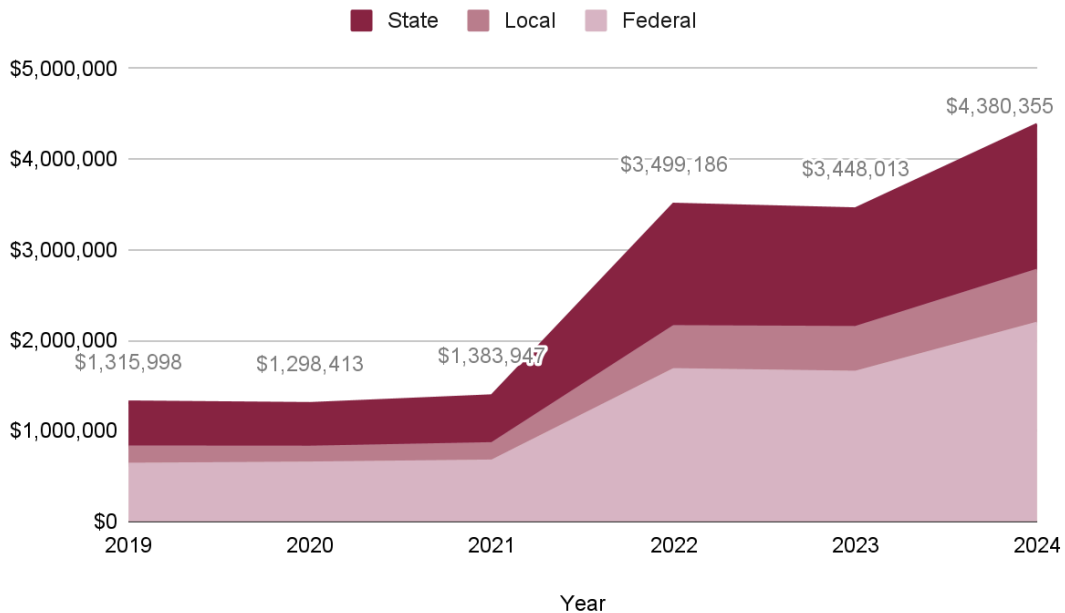


Table 21. Tax Contribution by County, New Mexico State Parks, 2024

County	Local	State	Federal	Total
Bernalillo	\$489,531	\$1,281,875	\$1,915,476	\$3,686,881
Chaves	\$204,790	\$809,612	\$1,072,236	\$2,086,638
Cibola	\$115,456	\$334,988	\$341,063	\$791,508
Colfax	\$2,202,629	\$4,457,787	\$6,089,501	\$12,749,918
DeBaca	\$62,570	\$175,594	\$313,590	\$551,754
Doña Ana	\$254,555	\$667,445	\$1,115,531	\$2,037,532
Eddy	\$399,971	\$630,491	\$1,205,186	\$2,235,648
Grant	\$163,951	\$441,802	\$580,352	\$1,186,106
Guadalupe	\$278,641	\$606,002	\$683,496	\$1,568,139
Luna	\$391,106	\$926,125	\$1,186,181	\$2,503,412
McKinley	\$102,083	\$338,366	\$401,012	\$841,461
Mora	\$374,699	\$367,233	\$782,951	\$1,524,883
Otero	\$115,056	\$398,561	\$388,847	\$902,465
Quay	\$804,249	\$2,041,912	\$2,572,398	\$5,418,560
Rio Arriba	\$174,267	\$580,990	\$704,017	\$1,459,274
Roosevelt	\$44,184	\$184,627	\$189,047	\$417,858
San Juan	\$825,688	\$2,675,617	\$3,036,028	\$6,537,333
San Miguel	\$907,289	\$2,341,819	\$2,667,148	\$5,916,255
Sandoval	\$251,392	\$722,923	\$855,454	\$1,829,769
Santa Fe	\$148,079	\$478,486	\$2,189,899	\$2,816,464
Sierra	\$2,504,152	\$7,686,947	\$9,310,343	\$19,501,442
Torrance	\$44,921	\$85,627	\$102,761	\$233,308
Union	\$307,610	\$696,512	\$766,984	\$1,771,105
Statewide Activities and Rest of NM Counties	\$78,184	\$156,183	\$247,729	\$482,097
Total	\$11,245,054	\$29,087,525	\$38,717,231	\$79,049,811

Table 22. Tax Impact by County, New Mexico State Parks, 2024

County	Local	State	Federal	Total
Bernalillo	\$5,180	\$13,767	\$22,637	\$41,584
Chaves	\$20,785	\$81,171	\$95,347	\$197,302
Cibola	\$2,798	\$8,066	\$7,439	\$18,303
Colfax	\$49,817	\$101,908	\$146,449	\$298,174
DeBaca	\$5,759	\$15,899	\$23,516	\$45,174
Doña Ana	\$28,529	\$74,164	\$109,895	\$212,588
Eddy	\$40,872	\$63,497	\$107,540	\$211,909
Grant	\$24,743	\$66,213	\$80,928	\$171,884
Guadalupe	\$12,881	\$27,884	\$29,616	\$70,381
Luna	\$24,614	\$57,728	\$64,705	\$147,047
McKinley	\$2,609	\$8,568	\$9,062	\$20,240
Mora	\$14,760	\$14,944	\$35,930	\$65,634
Otero	\$24,763	\$84,973	\$72,310	\$182,046
Quay	\$16,309	\$41,164	\$47,864	\$105,336
Rio Arriba	\$19,016	\$64,312	\$87,735	\$171,064
Roosevelt	\$6,478	\$26,730	\$21,946	\$55,153
San Juan	\$28,853	\$92,728	\$95,163	\$216,744
San Miguel	\$22,990	\$59,099	\$62,778	\$144,867
Sandoval	\$3,089	\$8,815	\$9,429	\$21,333
Santa Fe	\$15,530	\$40,056	\$59,494	\$115,080
Sierra	\$198,740	\$626,272	\$958,865	\$1,783,877
Torrance	\$4,265	\$8,108	\$9,314	\$21,686
Union	\$6,702	\$15,176	\$16,402	\$38,280
Statewide Activities and Rest of NM Counties	\$4,502	\$8,695	\$11,472	\$24,670
Total	\$584,583	\$1,609,935	\$2,185,837	\$4,380,355

Conclusion

Economic impacts and contributions of New Mexico State Parks were estimated at individual park-level using IMPLAN economic modeling software and are based on economic activity occurring in the specific counties where the parks are located. Results of our economic impact and contribution analysis of New Mexico State Parks for 2024 are shown in Tables 23 and 24. Nonmarket/social benefits were measured using conservation value estimates for various land types held in conservation, and consumer surplus measured by recreational use values are shown for 2019-2024 in Table 25.

Table 23. Estimated Economic Contribution of New Mexico State Parks, 2024

Impact	Expenditures	Visitor Spending	Total Impact
Direct Jobs	345	4,011	4,358
Total Jobs	464	4,653	5,120
Labor Income	\$28,553,059	\$132,885,482	\$161,623,740
Value-Added Production	\$40,261,099	\$225,396,574	\$265,945,664
Economic Output	\$68,671,804	\$441,497,642	\$510,755,448
Total Taxes:	\$8,858,193	\$70,122,611	\$79,049,811
Federal	\$6,440,456	\$32,234,658	\$38,479,794
New Mexico	\$2,417,737	\$37,887,953	\$40,332,579

Table 24. Estimated Economic Impact of New Mexico State Parks, 2024

Impact	Expenditures	Visitor Spending	Total Impact
Direct Jobs	59	161	220
Total Jobs	87	191	278
Labor Income	\$3,692,506	\$5,390,205	\$9,082,711
Value-Added Production	\$6,237,070	\$9,005,455	\$15,242,525
Economic Output	\$17,441,813	\$17,338,922	\$34,780,735
Total Taxes:	\$1,599,454	\$2,780,900	\$4,380,355
Federal	\$902,819	\$1,283,018	\$2,185,837
New Mexico	\$696,635	\$1,497,883	\$2,194,518

Table 25. Estimated Nonmarket Value of New Mexico State Parks, 2024

Year	2019	2020	2021	2022	2023	2024
Recreational Use Value	\$473,898,756	\$402,087,508	\$442,025,691	\$500,508,806	\$474,170,272	\$527,940,690
Conservation Value	\$188,355,650	\$188,355,650	\$188,355,650	\$188,355,650	\$188,355,650	\$188,355,650
Total	\$662,254,406	\$590,443,158	\$630,381,341	\$688,864,456	\$662,525,922	\$716,296,340

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Glossary

Direct effects are the immediate (or first-round) consequences of a change in economic activity or policy. For example, if a firm spends \$1 million on construction of a new building, the direct effect on output (sales) in the construction sector is \$1 million. If eight workers are employed on the construction of the building, then those eight workers are also a direct effect.

Employment refers to jobs. Jobs may be full- or part-time and a single worker may be employed at multiple jobs.

Indirect effects occur as industries purchase inputs from other industries. If a construction project requires steel beams, there will be indirect effects on iron mining and coke producing industries.

Induced effects result from households spending the wage and salary income received by those employed directly or indirectly on a new activity.

Input-output model refers to a type of economic model designed to capture relationships among industries and ultimate consumers.

Intermediate spending refers to industry demand for the goods and services produced by other industries that will be used in the production process.

Labor income consists of employee compensation (including benefits), supplements to wages and salaries (such as employer contributions to pension funds), and proprietor's income.

Multi-Regional Input-Output (MRIO) expands the region of study to include more than one region of study, allowing for spillover effects to be calculated between regions.

Output refers to gross industry sales or expenditures, depending on the consequences.

Total effects refer to the sum of direct, indirect, and induced effects.

Value added refers to the change in value of a good or service during each stage of production. Gross Domestic Product is a value-added concept.¹⁹

¹⁹ (NIPA Handbook: Concepts and Methods of the U.S. National Income and Product Accounts | U.S., 2021)

