

2019 OUTLOOK AND ANALYSIS LETTER

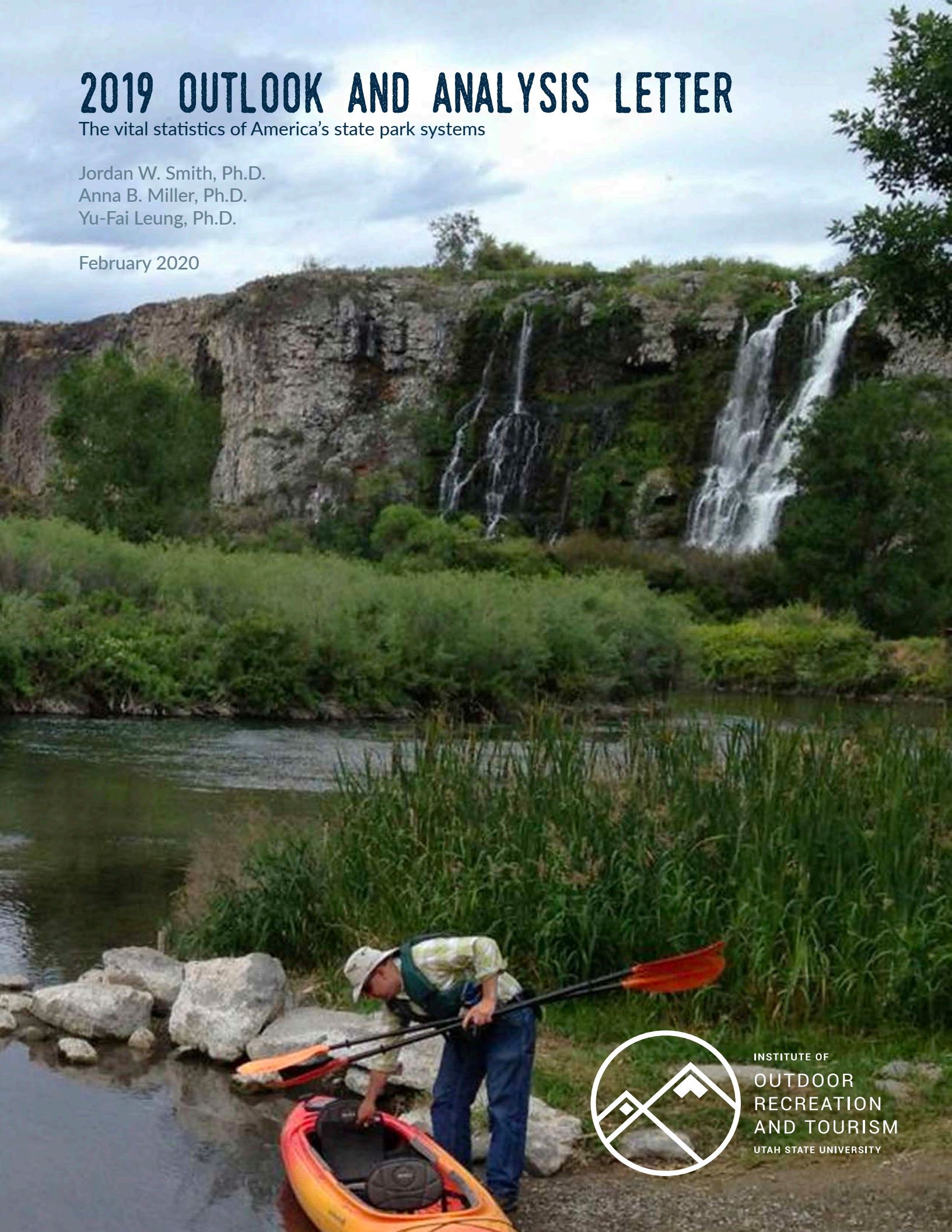
The vital statistics of America's state park systems

Jordan W. Smith, Ph.D.

Anna B. Miller, Ph.D.

Yu-Fai Leung, Ph.D.

February 2020



INSTITUTE OF
OUTDOOR
RECREATION
AND TOURISM
UTAH STATE UNIVERSITY

2019 OUTLOOK AND ANALYSIS LETTER

A report prepared for the
National Association of State Park Directors

Jordan W. Smith, PhD¹

Institute of Outdoor Recreation and Tourism
Department of Environment and Society
Utah State University

Anna B. Miller, PhD

Institute of Outdoor Recreation and Tourism
Department of Environment and Society
Utah State University

Yu-Fai Leung, PhD

Department of Parks, Recreation and Tourism Management
NC State University

¹Address all correspondence to jordan.smith@usu.edu

RESEARCH FUNDED BY



National Association of
State Park Directors

Jordan W. Smith, PhD is the Director of the Institute of Outdoor Recreation and Tourism and an Assistant Professor in the Department of Environment and Society at Utah State University. The Institute of Outdoor Recreation and Tourism produces data, information, and knowledge that will lead to a better understanding of the trade-offs and consequences associated with providing outdoor recreation opportunities on public and private lands.

Anna B. Miller, PhD is the Assistant Director of Research and Operations in the Institute of Outdoor Recreation and Tourism at Utah State University. Anna works faculty and students to focus and refine research proposals, develop financial support for projects, and act as a liaison between faculty and graduate students on specific areas of interest.

Yu-Fai Leung, PhD is a Professor and Director of Graduate Programs in the Department of Parks, Recreation and Tourism Management at NC State University.



TABLE OF CONTENTS

Introduction.....	1
Methods	1
Outlook	4
General Forecasting Methodology.....	4
Attendance.....	4
Operating Expenditures	5
Capital Expenditures	6
Revenue.....	7
Labor	8
Acreage.....	9
State Specific Trends	10
References.....	60
Appendix	61

TABLES AND FIGURES

Table 1. Variables from the AIX archive used to construct the data set	2
Table 2. Vital statistics of all 50 state park systems in 2018	3
Tables 3-52. Vital statistics for Individual State Park Systems	10-59
Figure 1. Total annual attendance to the 50 state park systems.....	4
Figure 2. Total annual operating expenditures for the 50 state park systems	5
Figure 3. Total annual capital expenditures across the 50 state park systems	6
Figure 4. Total annual revenues generated by the 50 state park systems.....	7
Figure 5. Total labor required to maintain outdoor recreation opportunities provided within the 50 state park systems.....	8
Figure 6. Total acreage within the 50 state park systems.....	9

Figures for Individual State Park System

Alabama	10	Indiana.....	23	Nebraska.....	36	South Carolina ..	49
Alaska	11	Iowa.....	24	Nevada	37	South Dakota ...	50
Arizona	12	Kansas.....	25	New Hampshire .	38	Tennessee.....	51
Arkansas	13	Kentucky.....	26	New Jersey	39	Texas	52
California.....	14	Louisiana.....	27	New Mexico ...	40	Utah	53
Colorado.....	15	Maine	28	New York.....	41	Vermont	54
Connecticut	16	Maryland.....	29	North Carolina ..	42	Virginia	55
Delaware.....	17	Massachusetts ..	30	North Dakota ...	43	Washington.....	56
Florida.....	18	Michigan.....	31	Ohio	44	West Virginia....	57
Georgia.....	19	Minnesota.....	32	Oklahoma	45	Wisconsin.....	58
Hawaii.....	20	Mississippi.....	33	Oregon	46	Wyoming.....	59
Idaho.....	21	Missouri	34	Pennsylvania....	47		
Illinois	22	Montana	35	Rhode Island....	48		

INTRODUCTION

The annual Outlook and Analysis Letter presents the 'vital statistics' that characterize the operation and use of the nation's 50 state park systems. In the report we detail historical trends relevant to state park system management using data within the Annual Information Exchange (AIX) archive. The Outlook and Analysis Letter illustrates annual values aggregated across the 50 state park systems between the years of 1984 and 2018 for each of the following measures:

- Attendance;
- Operating Expenditures;
- Capital Expenditures;
- Revenues;
- Labor; and
- Acreage.

In addition to the historical trends, we also present projected values for each measure into the near future (2019, 2020, and 2021). These projections are provided to give the leadership within the National Association of State Park Directors (NASPD) a better understanding of how park usage and management are likely to change in the years to come.

The presentation of recent trends in the park systems' 'vital statistics' offers national- and state-level leadership a better understanding of what the future has in store for the vast array of high-quality outdoor recreation opportunities offered throughout the nation's state park systems.

METHODS

DATA

All analyses in this report utilize data collected from the AIX archive, a data collection and reporting system contracted to North Carolina State University by the NASPD. The AIX archive is intended primarily for use by state park system operators and staff for: identifying program, facility and personnel needs; formulating budgetary requests for state legislatures; and comparing their programs with those of other states. Data collected by the AIX system include:

- An inventory of the number, acreage and type of areas managed by each state park system;
- An inventory of the number and type of facilities managed by each state park system;
- Annual attendance counts broken down by fee-areas, non-fee areas, day-use areas and overnight use areas;
- Annual capital and operating expenditures by each state park system;

- Annual revenue generated by source (e.g., entrance fees, cabin rentals, etc.) for each state park system; and
- An inventory of the number and type of personnel positions required to maintain each state park system, this includes salary ranges and an inventory of employee benefits.

Each year, the AIX project team prepares a Statistical Report of State Park Operations, which details the data collection process and provides detailed definitions and descriptions of the reported data. Individuals or organizations interested in utilizing data in the AIX archive should contact the AIX Project Team lead, Dr. Yu-Fai Leung at leung@ncsu.edu.

VARIABLES PULLED FROM THE AIX

To conduct the analyses described in this report, we generated a longitudinal panel data set of key data collected through the AIX. The variables we use in our analyses are described in Table 1. Each variable is reported annually for each state park system between

the years 1984 and 2018. The AIX archive contains data back to 1979. However, poor data collection and/or archiving standards for data prior to 1984 prohibit their use.

Variable	Definition	Location in annual AIX Excel spreadsheets
Attendance	The total counts of day and overnight visitation to both fee and non-fee areas.	Table 3 – L3:L52
Operating Expenditures	Payments made for goods and services to manage a state park system. Operating expenditures are funded through park generated revenue, general funds, dedicated funds, federal funds, and other funds such as interagency transfers and money generated through temporary leases.	Table 5 – G3:G52
Capital Expenditures	Non-recurring expenditures used to improve the productive capacity of a state park system. Typically, these are for land acquisition, periodic park improvements, and construction. Capital expenditures are funded through park-generated revenue, state appropriations, dedicated funds, bonds, federal funds, and other sources such as gifts, grants, and transfers.	Table 5 – Q3:Q52
Revenue	Monies generated from use fees and charges; this includes all revenue from 'entrance fees,' 'camping fees,' 'cabin/cottage rentals,' 'lodge rentals,' 'group facility rentals,' 'restaurants,' 'concessions,' 'beaches/pools,' 'golf courses,' and 'other' sources such as donations.	Table 5 – DA3:DA52
Labor	The total count of full-time, part-time, and seasonal employees who maintain, operate, and protect a state park system.	Table 6 – U3:U52
Acreage	The total acreage within each state park system; this includes 'parks,' 'recreation areas,' 'natural areas,' 'historical areas,' 'environmental education areas,' 'scientific areas,' 'forests,' 'fish and wildlife areas,' and 'other miscellaneous areas'.	Table 1 – AN3:AN52

DATA ANALYSIS AND MODIFICATIONS

We generated a longitudinal panel data set of key data collected through the AIX (Leung et al., 2019). Each of these variables is reported annually for the 50 state park systems between the years 1984 and 2018.

Missing Data – Due to inconsistent data collection standards across state park systems, not all data are present in the AIX archive for each year. Consequently, the longitudinal panel data set has several missing data points. Given only a small proportion of the data were missing (<3.5% for any one variable used in our

analysis), we used linear interpolation to fill missing values. For each panel (state), we interpolated missing values as a function of time (year).

Inflation – We adjusted all monetary variables (operating expenditures, capital expenditures and revenue) to a 2018 base rate to compensate for inflation. The adjustments were made using the Consumer Price Index for all Urban Households (see www.bls.gov).

Table 2. Vital statistics of all 50 state park systems in 2018

Variable	Total	Total Per Acre
Attendance (visits)	813,215,872	43.8
Attendance (visitor-hours) ^a	2,447,779,775	131.9
Operating Expenditures	2,849,225,472	153.6
Capital Expenditures	1,060,717,312	57.2
Revenue	1,391,599,616	75.0
Labor (personnel)	50,699	0.003
Labor (person-hours) ^b	105,453,920	5.7

Notes.

^a Using the assumption each visit is 3.010 hours long; this value was derived by taking the estimated 2.2 billion hours of outdoor recreation provided by the states' park systems (Siikamäki, 2011) and dividing it by the average annual attendance rates for all the states' park systems over the past 30 years (734,252,207).

^b Using the assumption each employee works 2,080 hours per year.



OUTLOOK

GENERAL FORECASTING METHODOLOGY

For each of the key variables reported in this outlook and analyses—attendance, operating expenditures, capital expenditures, revenue, labor and acreage—we forecast point estimates ahead for three years. This is accomplished through a weighted linear moving average. Data were estimated using the weighted linear trend over the previous 3 years, $t-3$. We assigned more weight to the observed data points closer to the year for which estimates are being calculated. Specifically, observed data for the year prior to estimation t was assigned a weight of 3, observed data at $t-2$ was assigned a weight of 2 and observed data at $t-3$ was assigned a weight of 1. For example, the estimated attendance in 2019 was calculated using the formula below.

$$\frac{1}{6}((1 * \text{observed_attendance}_{2015}) + (2 * \text{observed_attendance}_{2016}) + (3 * \text{observed_attendance}_{2017}))$$

ATTENDANCE

Attendance refers to the total counts of day and overnight visitation to both fee and non-fee areas (Leung et al., 2019). The long-term trends in attendance for all state park systems can be seen in Figure 1. Visitation to the states' park systems has risen steadily since the beginning of our sampling period in 1984 when they received a total of 642.6 million visits. Attendance reached an all-time high this past year (2018), when the states' park systems received 813.2 million visits. The record number of visits to the nation's state park systems is the result of a 0.73% increase over the 807.3 million reported in 2017.

Attendance is expected to gradually increase over the next three years (Figure 1). Based on recent trends, annual attendance is expected to hover around 810 million visits (807 million in 2019, 811 million in 2020 and 813 million in 2021).

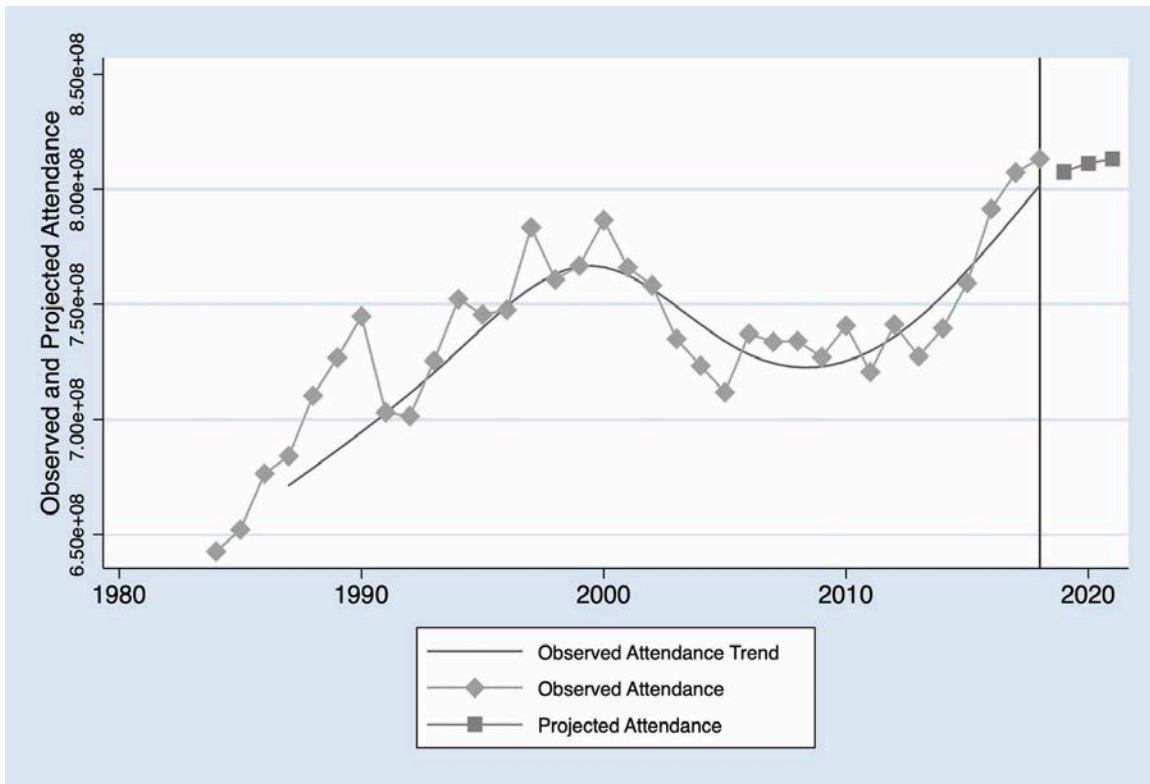


Figure 1. Total annual attendance to the 50 state park systems.

OPERATING EXPENDITURES

Operating expenditures are payments made for goods and services to manage a state park system (Leung et al., 2019). The long-term trends in operating expenditures, expressed as 2018 dollars, across all state park systems are illustrated in Figure 2. After controlling for inflation, the data reveal operating expenditures have risen over the past 33 years. On average, inflation adjusted operating expenditures have increased by \$27.9 million dollars per year since 1984. More recently however, the states' park

systems' inflation adjusted operating budgets have declined. For 2018 the states' park systems' inflation adjusted operating expenditures were \$2.85 billion.

Recent trends suggest expenditures associated with providing the goods and services required to manage the states' park systems will remain stable over the coming years (Figure 2). We expect total operating expenditures for 2019 to be \$2.87 billion; this is expected to only change slightly for 2020 (\$2.86 billion) and 2021 (\$2.85 billion).

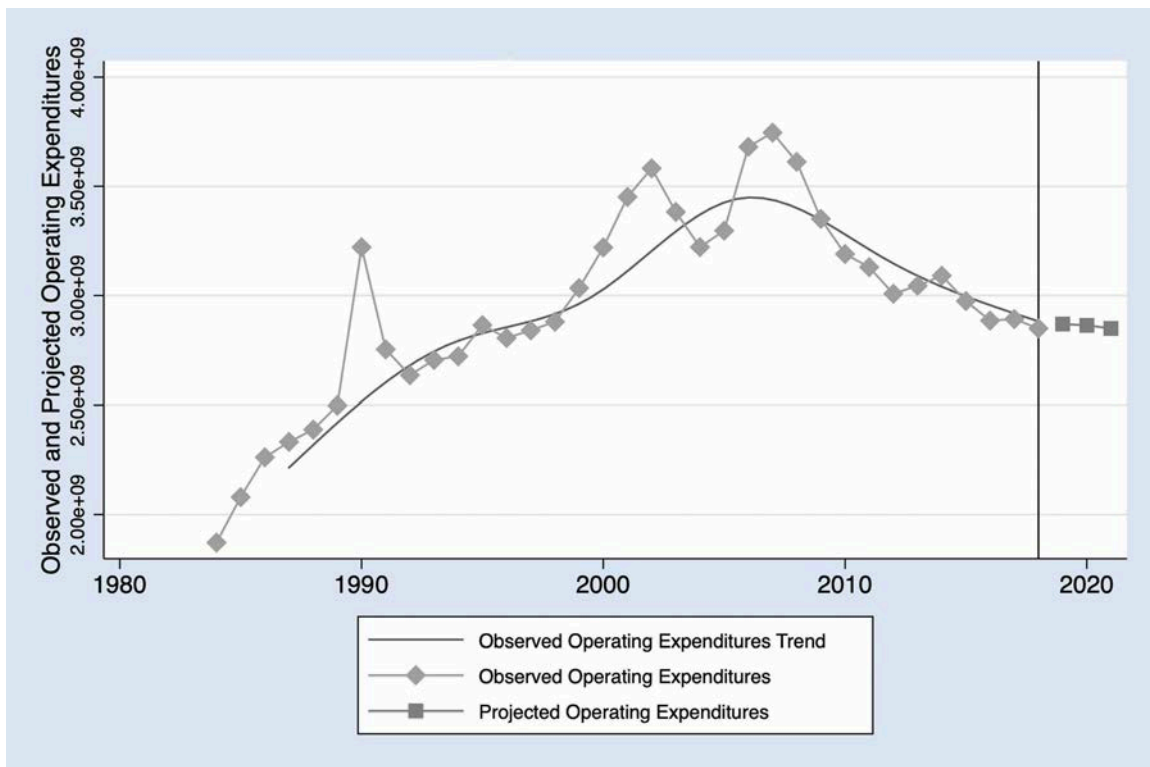


Figure 2. Total annual operating expenditures for the 50 state park systems.

CAPITAL EXPENDITURES

Capital expenditures are non-recurring expenditures used to improve the productive capacity of a state park system (Leung et al., 2019). Typically, these are for land acquisition, periodic park improvements and construction. The long-term trend in inflation adjusted capital expenditures reveals a relatively stable pattern over the past 34 years (Figure 3) with the exception of a notable spike in 2005. Inflation adjusted capital expenditures declined notably after the 2008 recession, as would be expected given large-scale reductions in state appropriations, park-generated revenues, and other funding sources tied to the health of the states' economies (Siderelis & Smith, 2013).

Since 2012 however, this downward trend in capital expenditures has stopped and began to trend upward again. The states' park system managers reported capital expenditure of \$1.06 billion in 2018, which is slightly less than the \$1.09 billion reported in 2017; a 2.6% decrease.

Recent trends suggest capital outlays for improving the productive capacity of the states' park systems will remain relatively stable just above \$1.0 billion per year over the next three years (Figure 3). We estimate total capital expenditures to be \$1.08 billion in 2019, before dropping to \$1.07 billion in 2020 and \$1.06 billion in 2021.

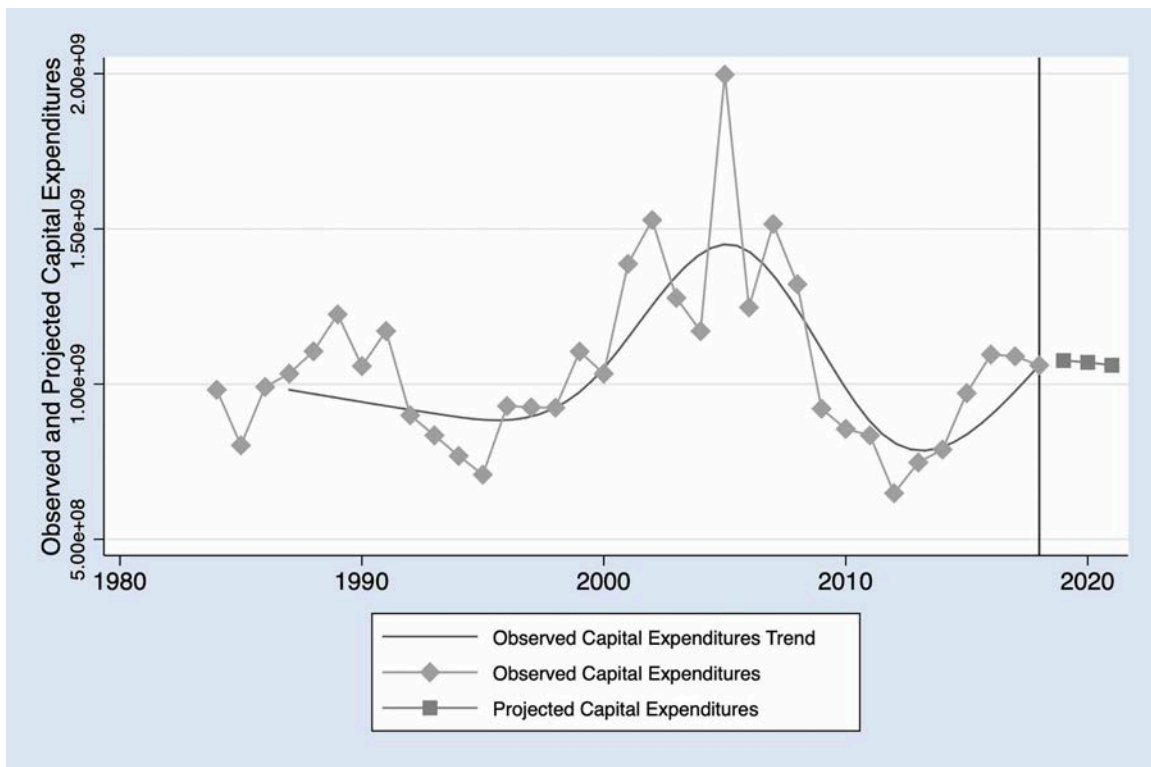


Figure 3. Total annual capital expenditures across the 50 state park systems.

REVENUE

Revenue is money generated from use fees and charges; it includes all revenue from 'entrance fees,' 'camping fees,' 'cabin/cottage rentals,' 'lodge rentals,' 'group facility rentals,' 'restaurants,' 'concessions,' 'beaches/pools,' 'golf courses' and 'other' sources such as donations (Leung et al., 2019). Revenue data within the AIX archive reveal steady increases throughout the 34-year sampling frame (Figure 4). This past year (2018) however, total revenues dropped to \$1.39

billion, a 6.34% decrease from the \$1.49 billion reported in 2017.

Given the consistency of reporting in annual revenue data, we can be very confident in our forecasted values for the upcoming years (Figure 4). We estimate total revenues generated across all state park systems will be \$1.43 billion in 2019, \$1.42 billion in 2020, and \$1.39 billion in 2021.

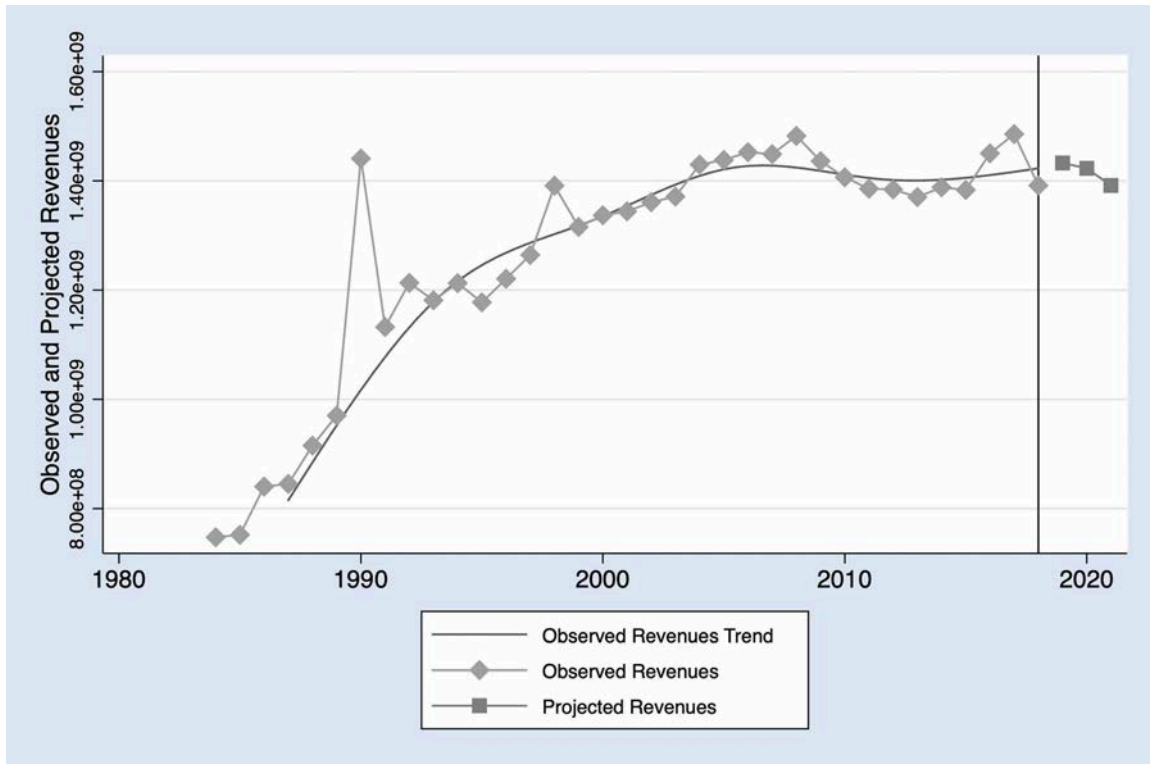


Figure 4. Total annual revenues generated by the 50 state park systems.

LABOR

The labor required to maintain the states' park systems saw increases from 1984 to the early 2000s (Figure 5). State park system operators reported a high of 57,815 employees in 1985. Since 2002 however, total employment across the states' park systems has declined. This is notable given the gradual increases in both attendance and acreage over the same time period. The trends illustrate a persistent demand placed upon state park operators to accommodate

more users across larger areas with fewer and fewer personnel. Data from 2018 reveal a notable increase in the total number of employees. A total of 50,699 positions were reported for 2018, a 0.72% decrease from the 51,065 reported in 2017.

Recent trends within the labor data suggest the states' park systems will remain stable over the coming years (Figure 5). We expect total employment to be 50,724 in 2019, 50,821 in 2020 and 50,699 in 2021.

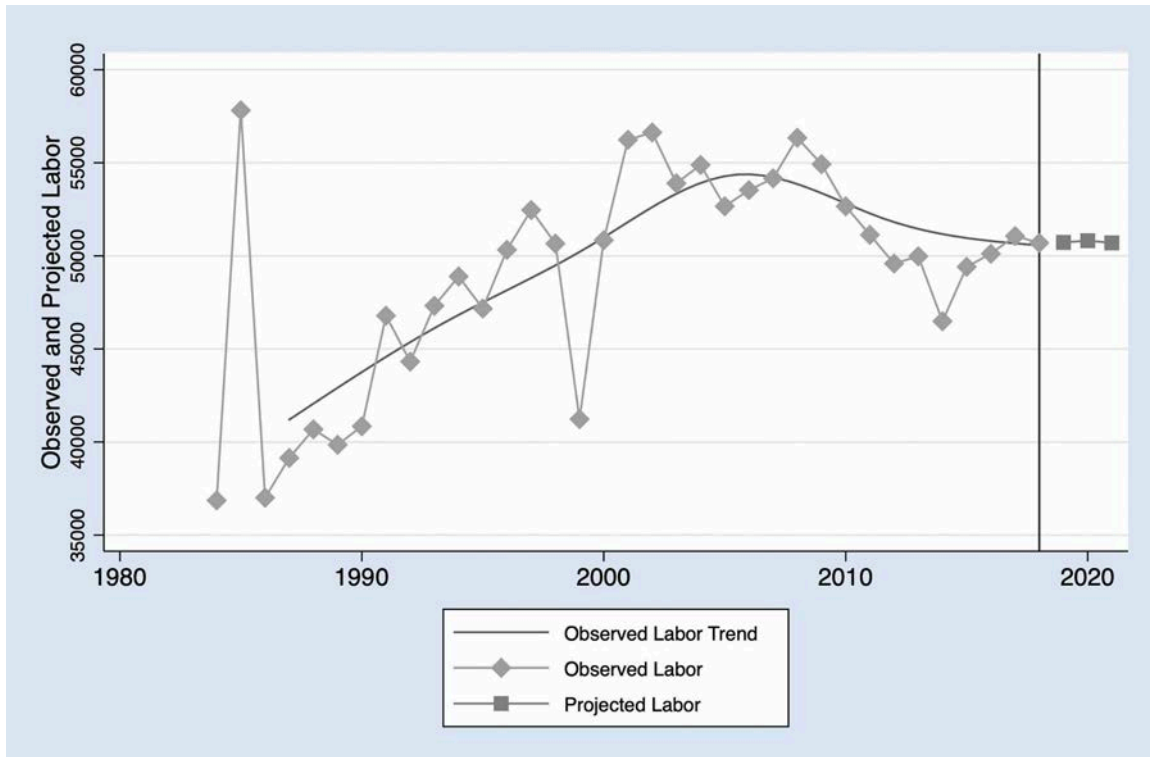


Figure 5. Total labor required to maintain outdoor recreation opportunities provided within the 50 state park systems.

ACREAGE

Acreage refers to the total acreage within the states' park systems managed as 'parks,' 'recreation areas,' 'natural areas,' 'historical areas,' 'environmental education areas,' 'scientific areas,' 'forests,' 'fish and wildlife areas' and 'other miscellaneous areas' (Leung et al., 2019). The total area managed within the states' park systems has increased steadily since 1984 with notable expansions in recent years (Figure 6). Specifically, the year 2014 saw a 17.7% increase in

acreage over 2013, growing from 15.25 million acres to 18.20 million acres. This past year (2018), the states' park systems shrunk slightly as total acreage decreased to 18.6 million acres; this is a 0.76% decrease over 2017.

We expect the total size dedicated to the states' park systems will remain stable over the coming years (Figure 6). Based on recent trends, total acreage in is projected to be 18.6 million acres for 2019, 2020, and 2021.

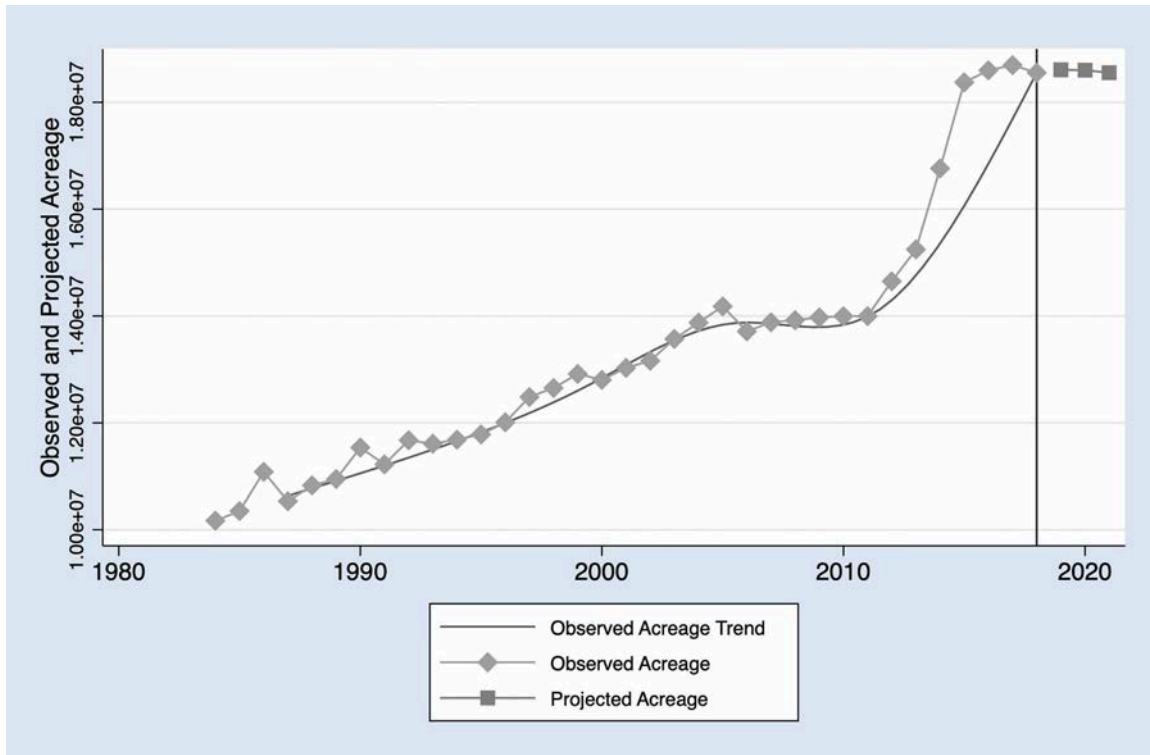
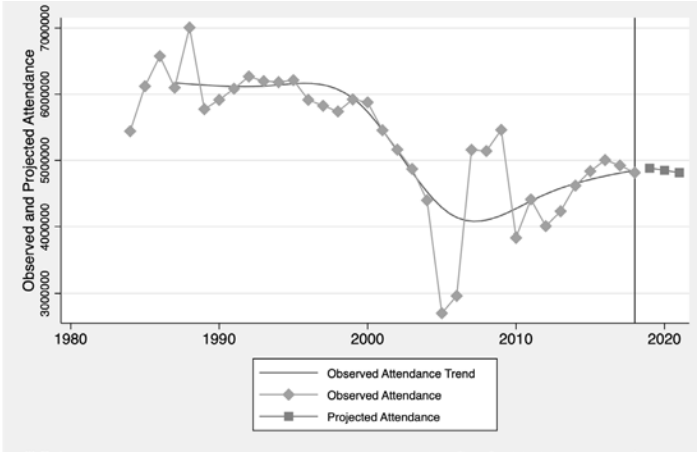


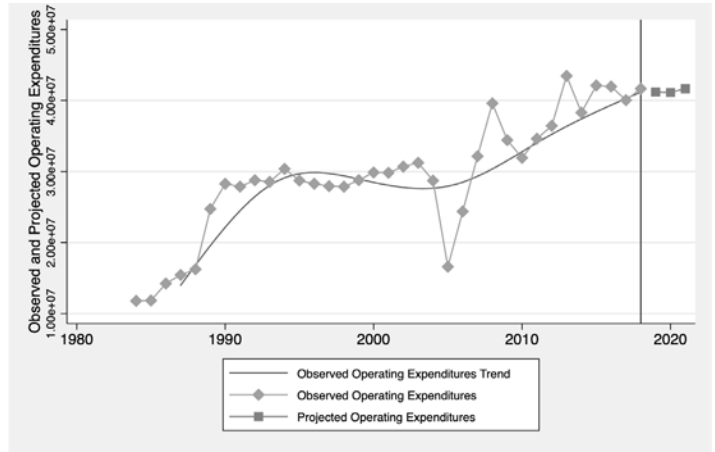
Figure 6. Total acreage within the 50 state park systems.

STATE SPECIFIC TRENDS • ALABAMA

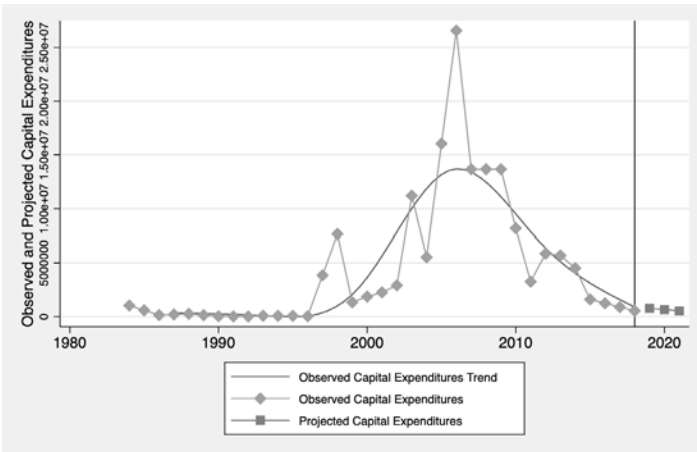
Variable	Total	Total Per Acre
Attendance (visits)	4,815,408	100
Attendance (visitor-hours)	14,504,009	300
Operating Expenditures	41,662,724	862
Capital Expenditures	539,995	11
Revenue	38,194,560	790
Labor (personnel)	920	0.019
Labor (person-hours)	1,913,600	40
Acres	48,357	--



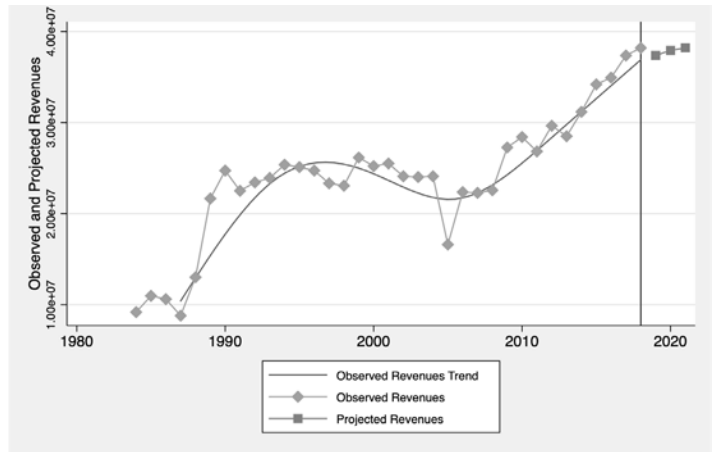
Alabama Observed and Projected Attendance



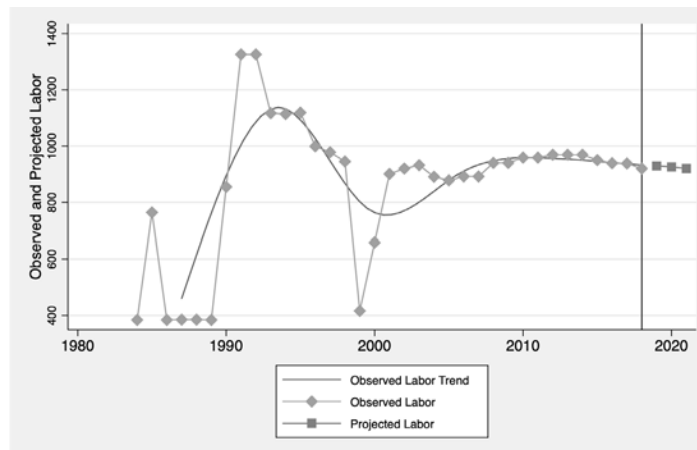
Alabama Observed and Projected Operating Expenditures



Alabama Observed and Projected Capital Expenditures



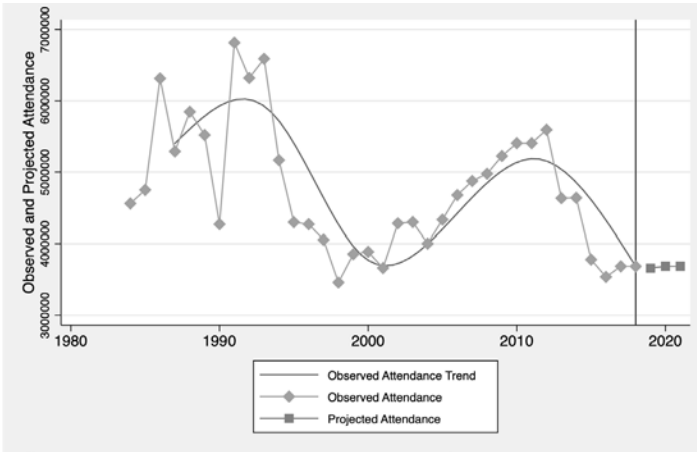
Alabama Observed and Projected Revenues



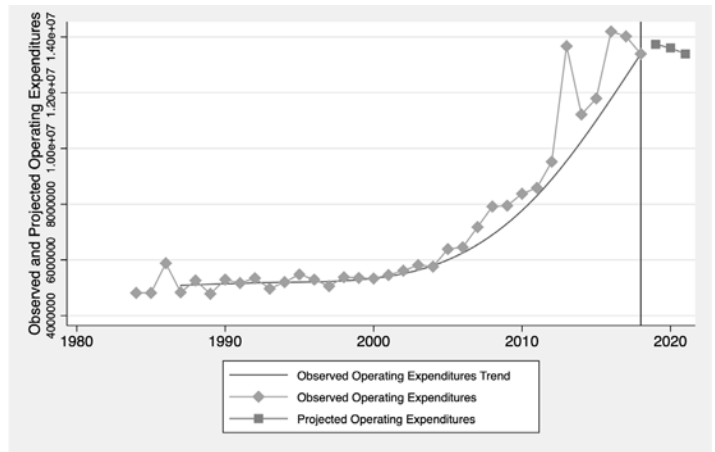
Alabama Observed and Projected Labor

STATE SPECIFIC TRENDS • ALASKA

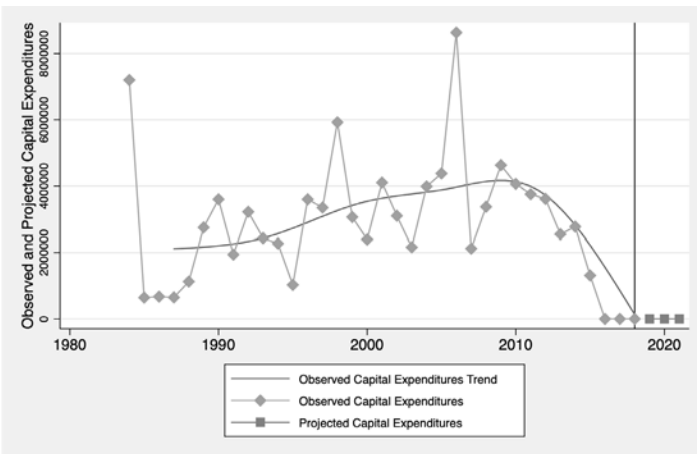
Variable	Total	Total Per Acre
Attendance (visits)	3,685,580	1
Attendance (visitor-hours)	11,100,967	3
Operating Expenditures	13,393,100	4
Capital Expenditures	1	0
Revenue	3,808,500	1
Labor (personnel)	164	0.000
Labor (person-hours)	341,120	0
Acres	3,386,702	--



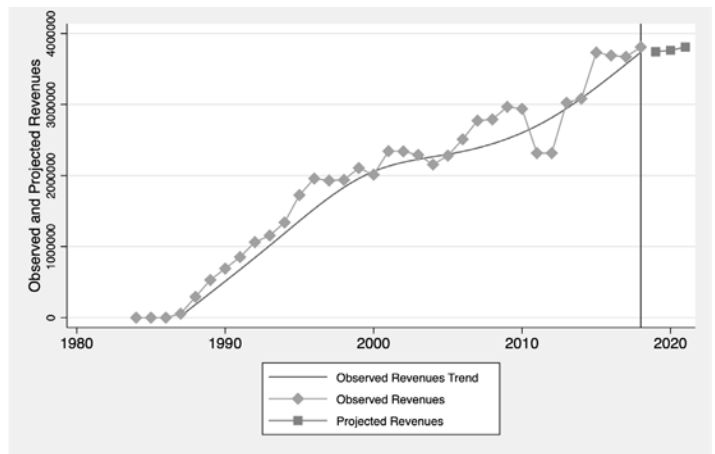
Alaska Observed and Projected Attendance



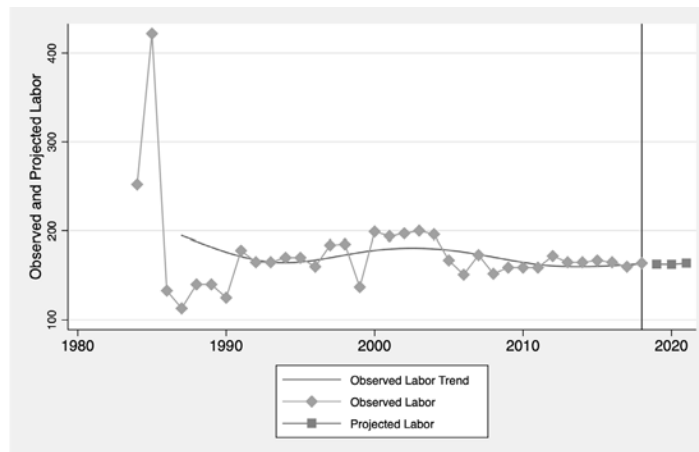
Alaska Observed and Projected Operating Expenditures



Alaska Observed and Projected Capital Expenditures



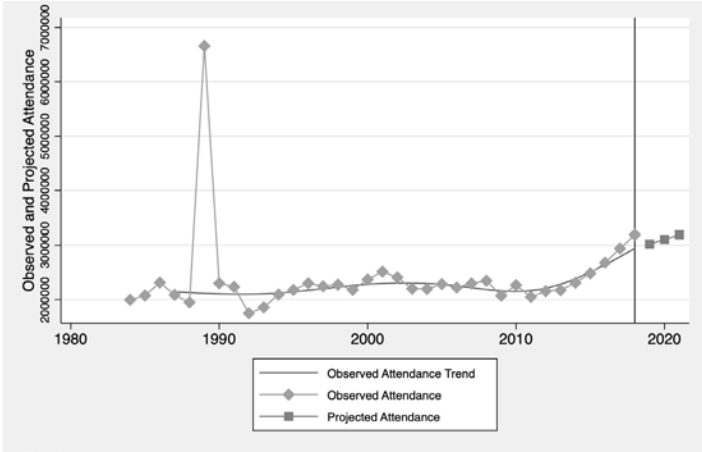
Alaska Observed and Projected Revenues



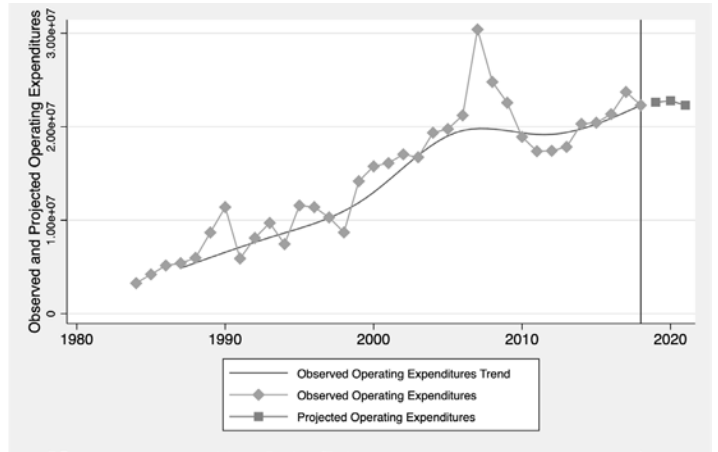
Alaska Observed and Projected Labor

STATE SPECIFIC TRENDS • ARIZONA

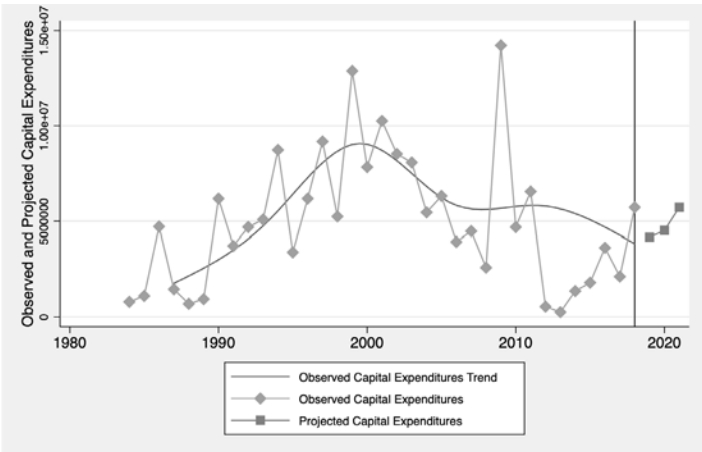
Table 5 Vital statistics for Arizona's State Park System in 2018		
Variable	Total	Total Per Acre
Attendance (visits)	3,189,830	50
Attendance (visitor-hours)	9,607,768	149
Operating Expenditures	22,297,752	346
Capital Expenditures	5,724,681	89
Revenue	20,362,172	316
Labor (personnel)	228	0.004
Labor (person-hours)	474,240	7
Acres	64,413	--



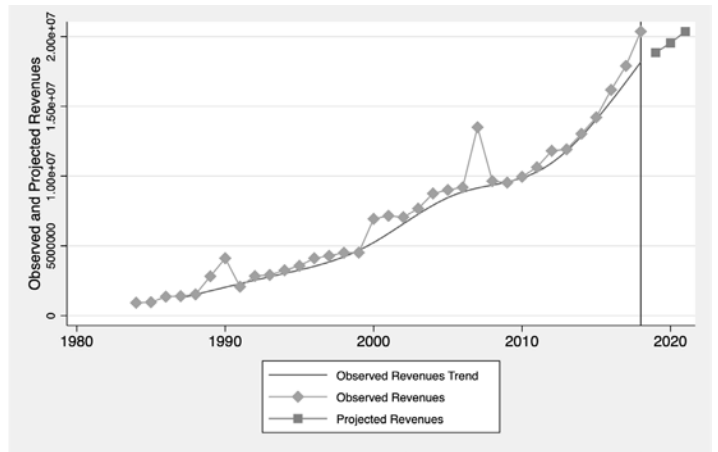
Arizona Observed and Projected Attendance



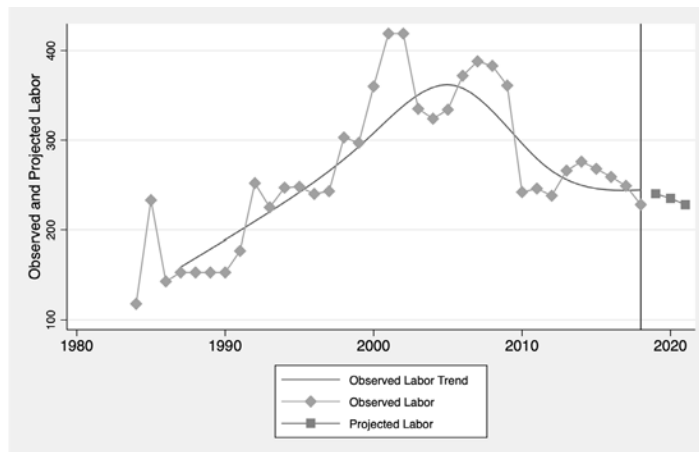
Arizona Observed and Projected Operating Expenditures



Arizona Observed and Projected Capital Expenditures



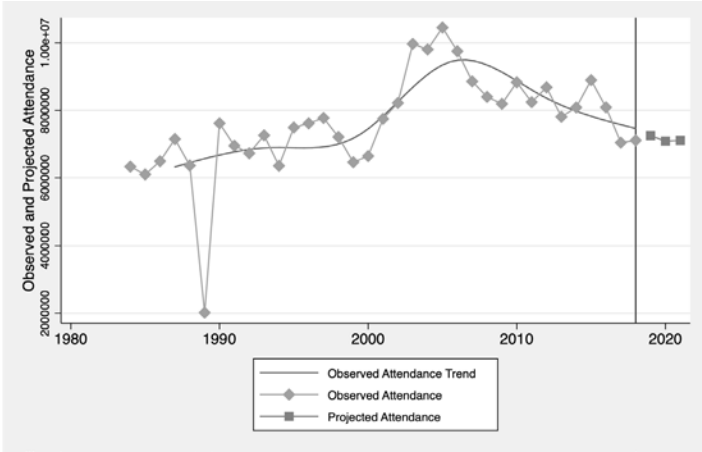
Arizona Observed and Projected Revenues



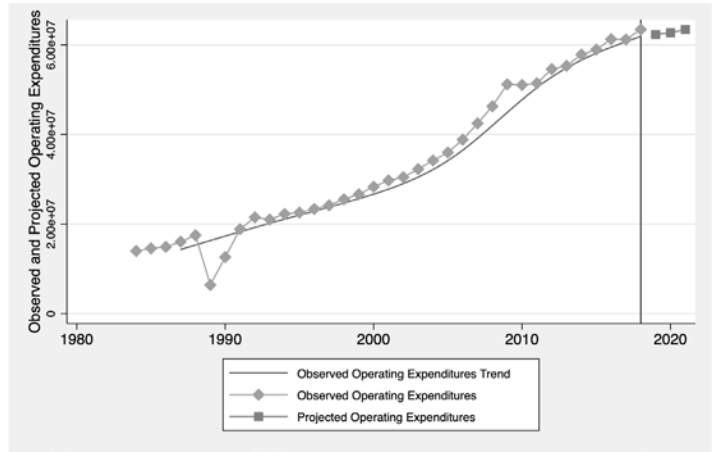
Arizona Observed and Projected Labor

STATE SPECIFIC TRENDS • ARKANSAS

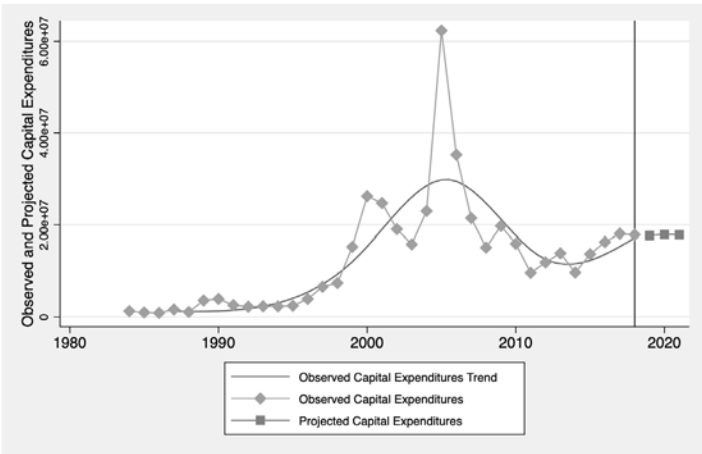
Variable	Total	Total Per Acre
Attendance (visits)	7,107,728	130
Attendance (visitor-hours)	21,408,476	392
Operating Expenditures	63,431,812	1,160
Capital Expenditures	17,854,466	327
Revenue	28,388,852	519
Labor (personnel)	1,621	0.030
Labor (person-hours)	3,371,680	62
Acres	54,680	--



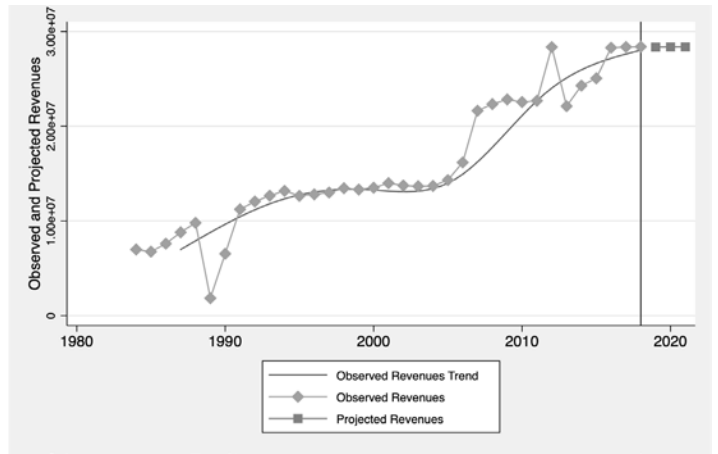
Arkansas Observed and Projected Attendance



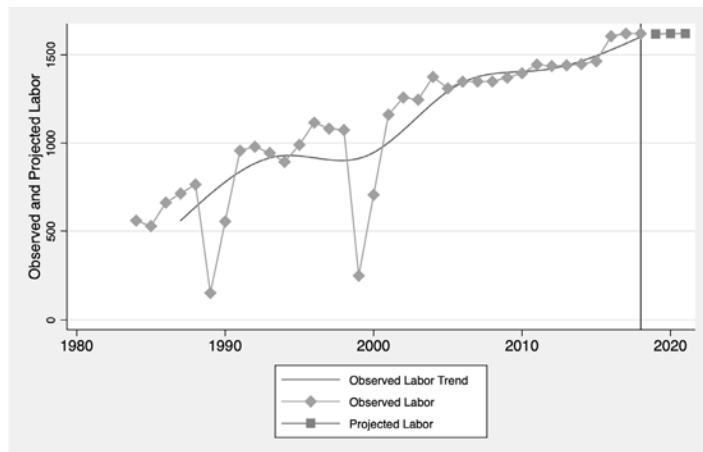
Arkansas Observed and Projected Operating Expenditures



Arkansas Observed and Projected Capital Expenditures



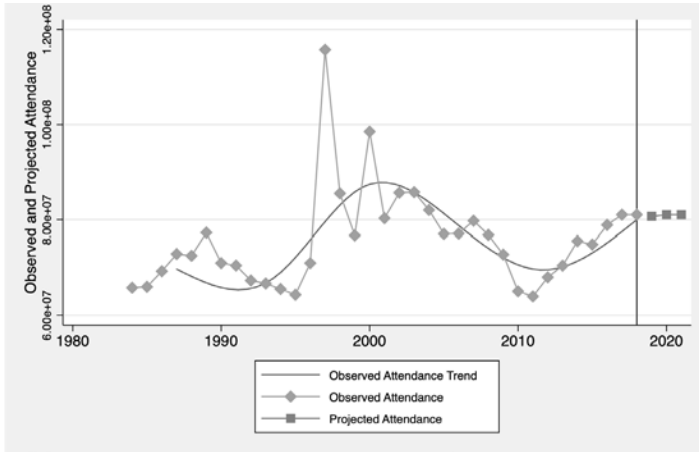
Arkansas Observed and Projected Revenues



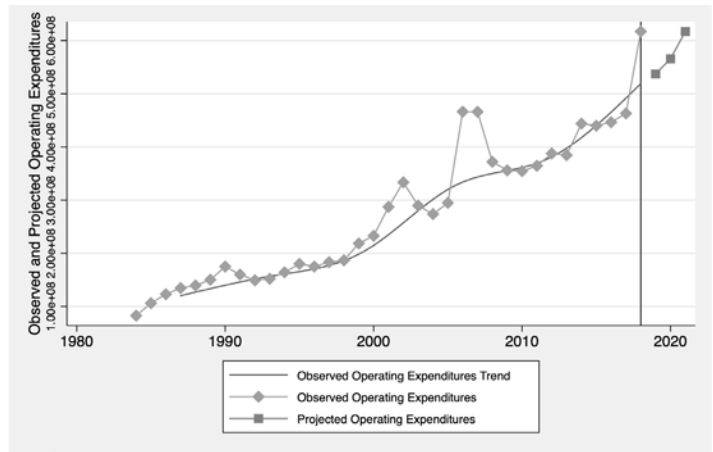
Arkansas Observed and Projected Labor

STATE SPECIFIC TRENDS • CALIFORNIA

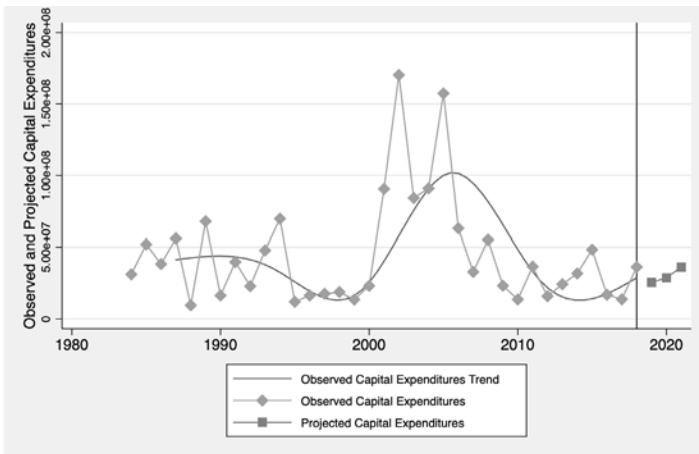
Variable	Total	Total Per Acre
Attendance (visits)	81,043,233	49
Attendance (visitor-hours)	244,102,224	148
Operating Expenditures	617,211,008	375
Capital Expenditures	36,322,000	22
Revenue	132,153,792	80
Labor (personnel)	5,008	0.003
Labor (person-hours)	10,416,640	6
Acres	1,647,485	--



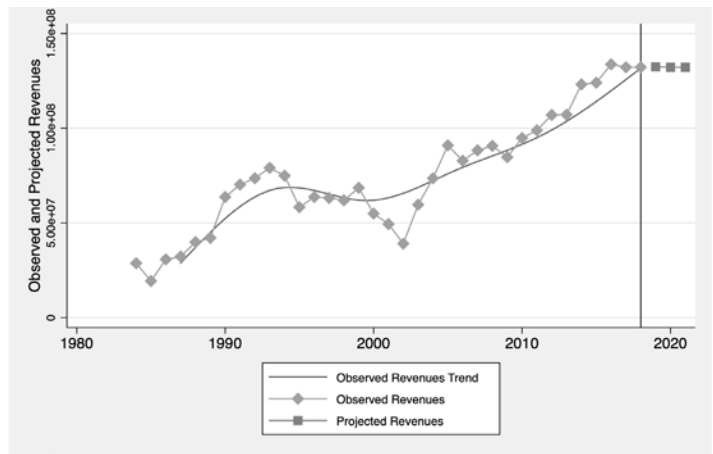
California Observed and Projected Attendance



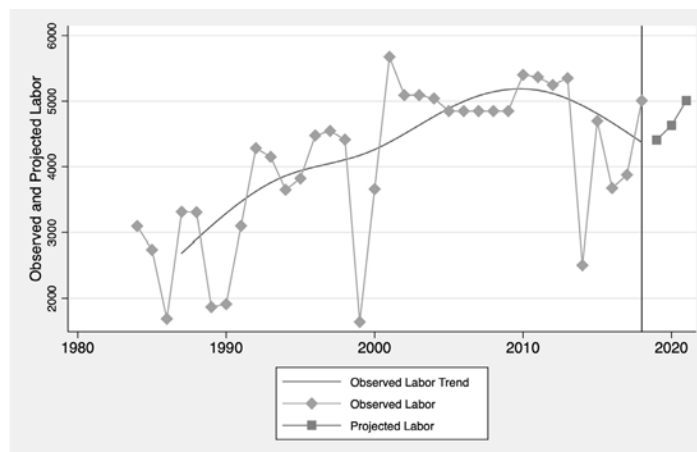
California Observed and Projected Operating Expenditures



California Observed and Projected Capital Expenditures



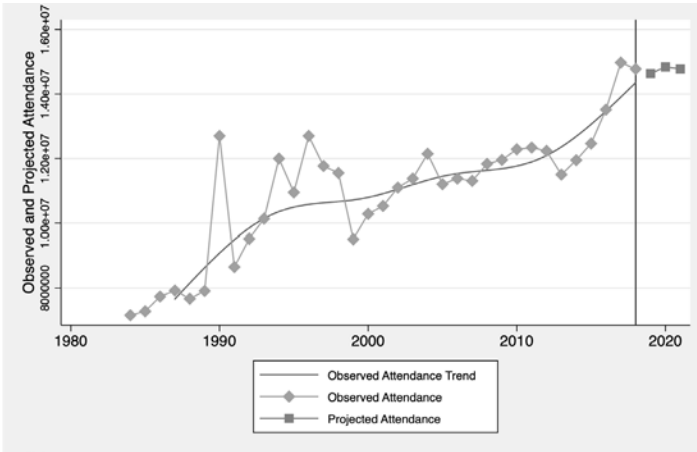
California Observed and Projected Revenues



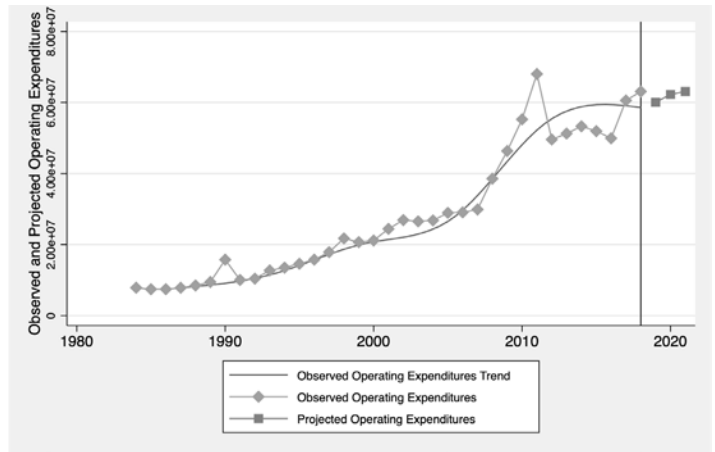
California Observed and Projected Labor

STATE SPECIFIC TRENDS • COLORADO

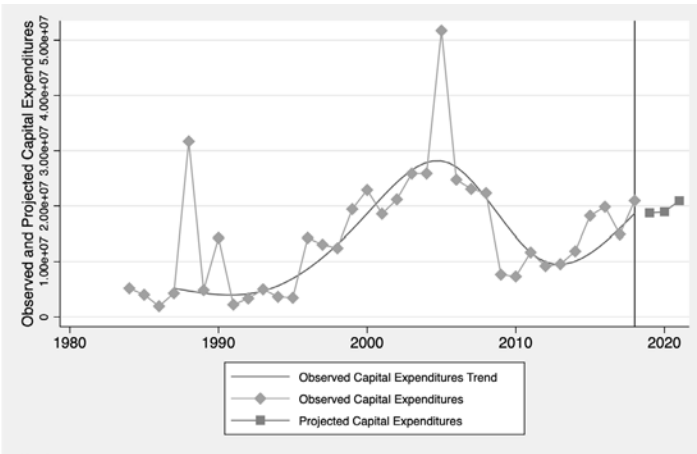
Variable	Total	Total Per Acre
Attendance (visits)	14,777,034	9
Attendance (visitor-hours)	44,508,428	28
Operating Expenditures	63,105,024	40
Capital Expenditures	20,945,402	13
Revenue	85,245,744	54
Labor (personnel)	906	0.001
Labor (person-hours)	1,884,480	1
Acres	1,579,521	--



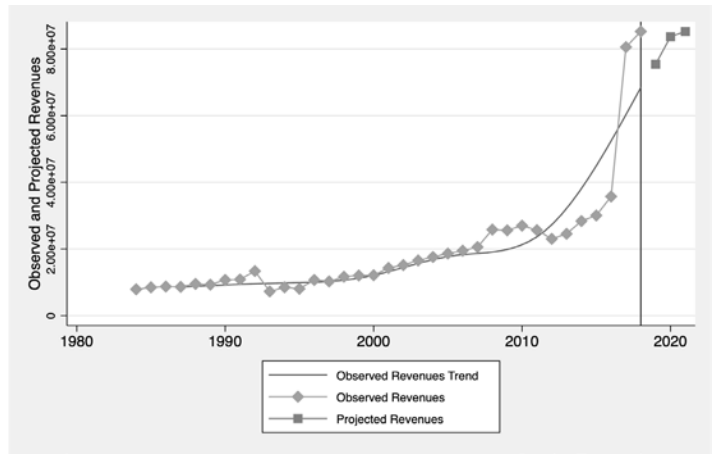
Colorado Observed and Projected Attendance



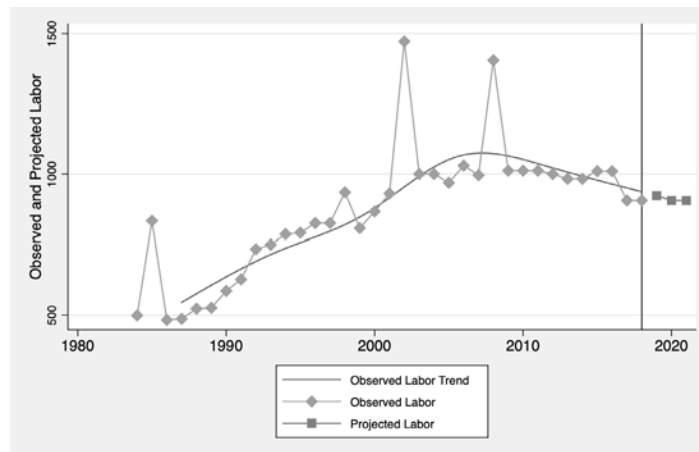
Colorado Observed and Projected Operating Expenditures



Colorado Observed and Projected Capital Expenditures



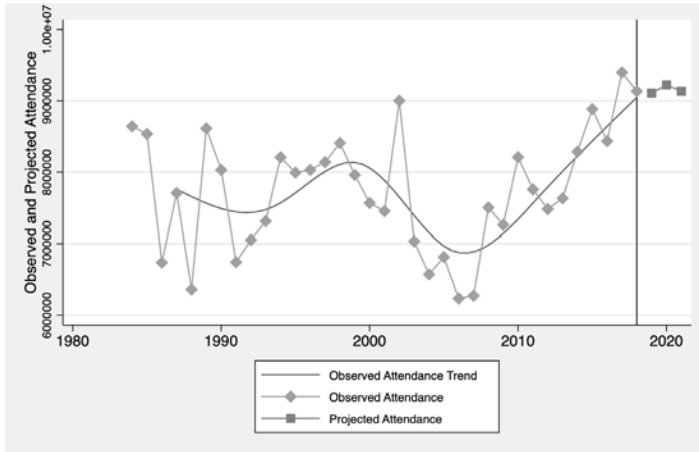
Colorado Observed and Projected Revenues



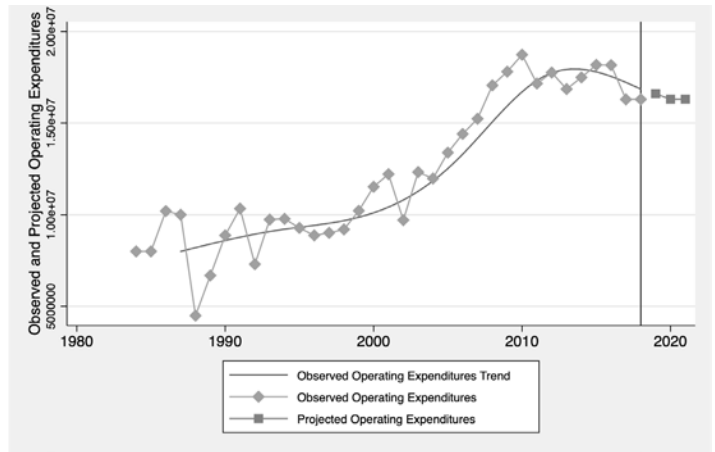
Colorado Observed and Projected Labor

STATE SPECIFIC TRENDS • CONNECTICUT

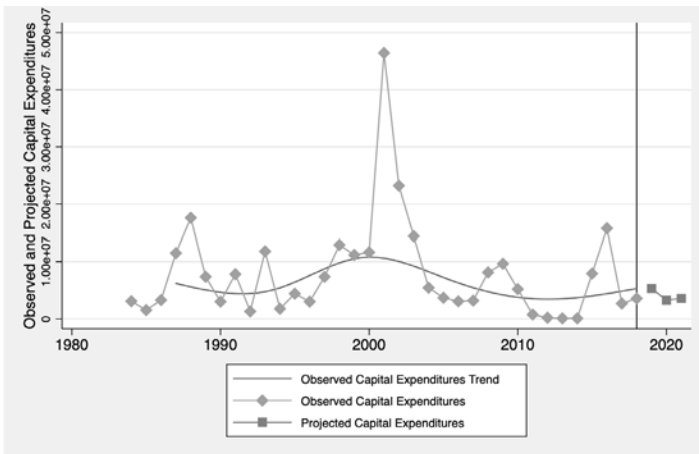
Variable	Total	Total Per Acre
Attendance (visits)	9,133,829	44
Attendance (visitor-hours)	27,511,092	131
Operating Expenditures	16,296,022	78
Capital Expenditures	3,580,375	17
Revenue	5,229,910	25
Labor (personnel)	479	0.002
Labor (person-hours)	996,320	5
Acres	209,677	--



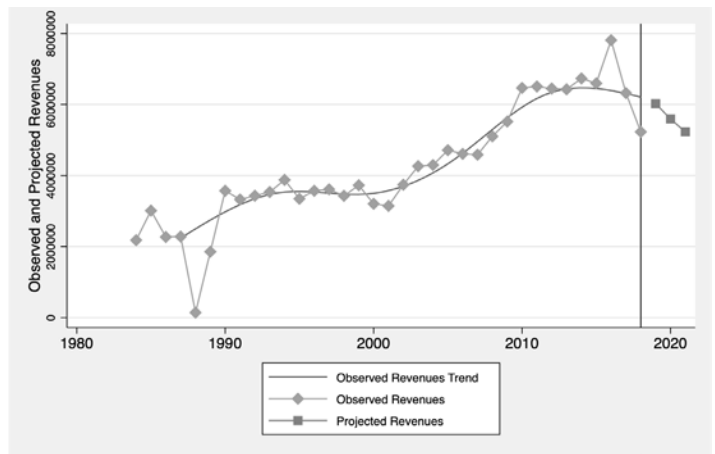
Connecticut Observed and Projected Attendance



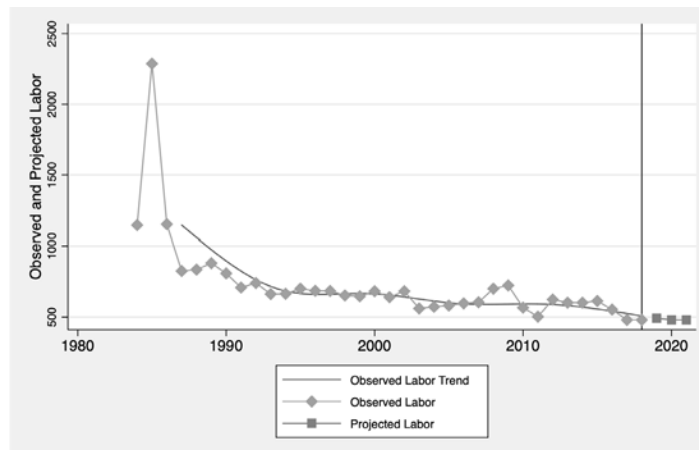
Connecticut Observed and Projected Operating Expenditures



Connecticut Observed and Projected Capital Expenditures



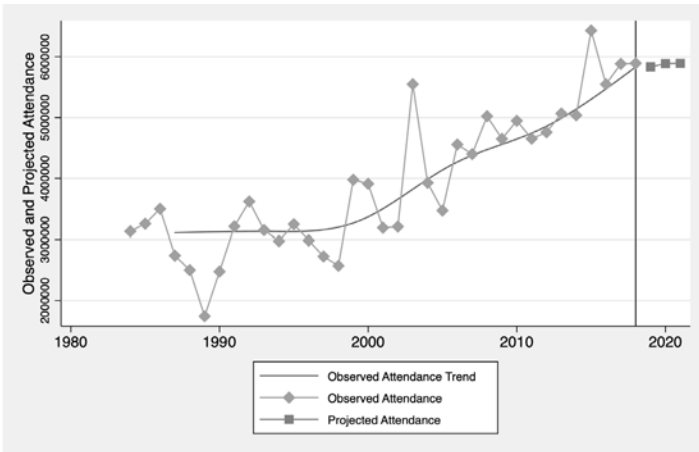
Connecticut Observed and Projected Revenues



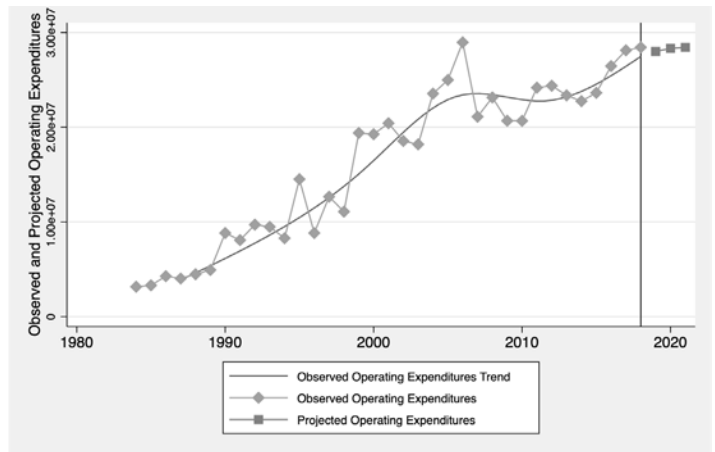
Connecticut Observed and Projected Labor

STATE SPECIFIC TRENDS • DELAWARE

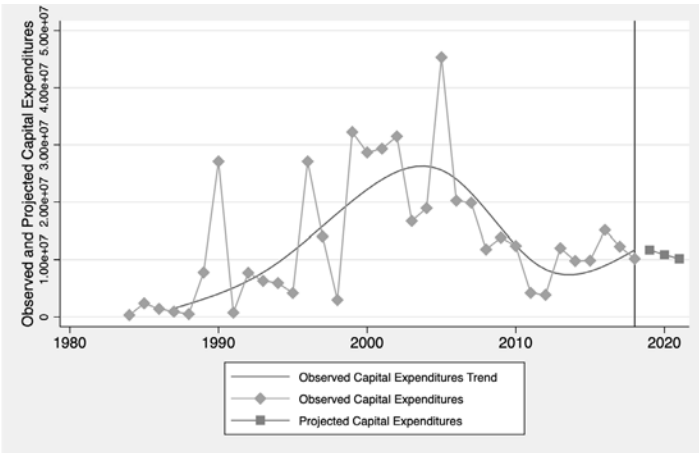
Variable	Total	Total Per Acre
Attendance (visits)	5,892,564	223
Attendance (visitor-hours)	17,748,402	672
Operating Expenditures	28,431,864	1,076
Capital Expenditures	10,171,812	385
Revenue	19,729,878	747
Labor (personnel)	856	0.032
Labor (person-hours)	1,780,480	67
Acres	26,413	-



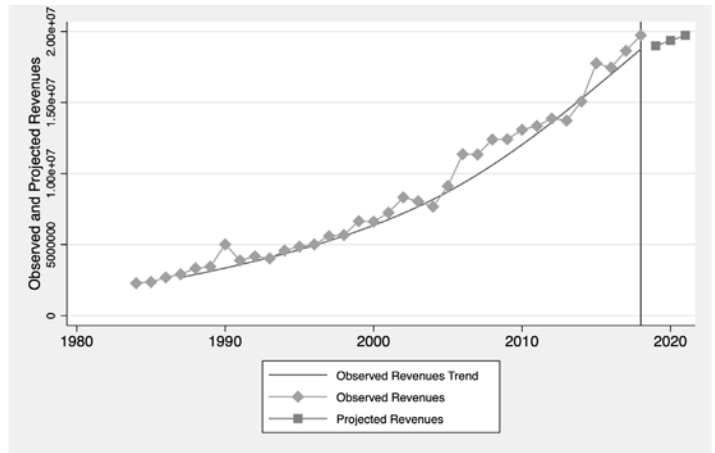
Delaware Observed and Projected Attendance



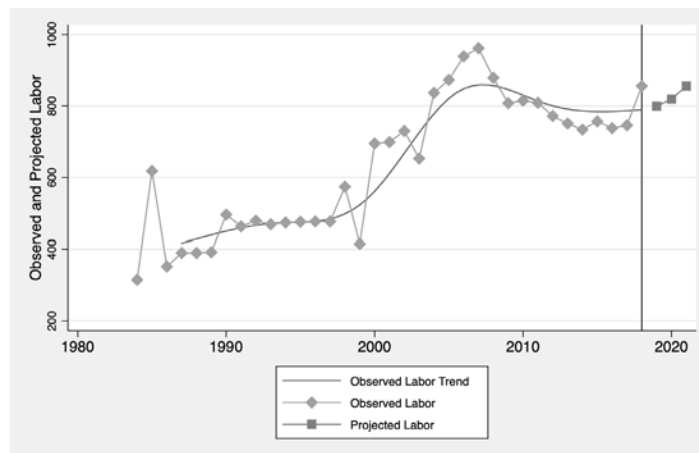
Delaware Observed and Projected Operating Expenditures



Delaware Observed and Projected Capital Expenditures



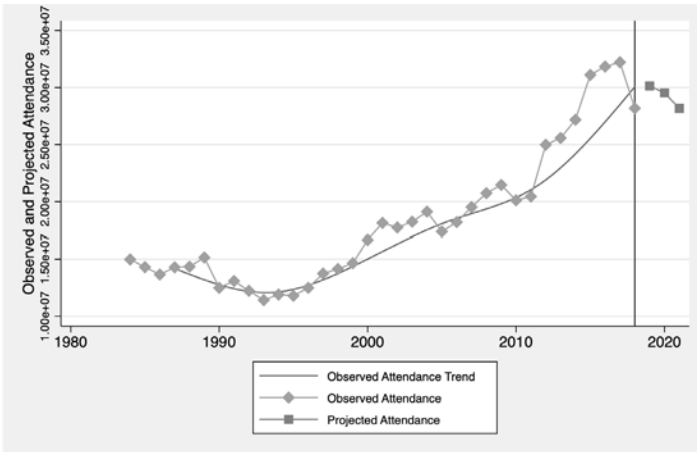
Delaware Observed and Projected Revenues



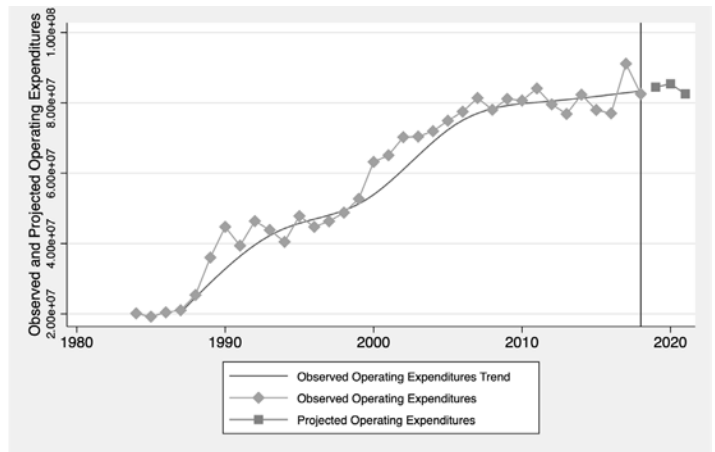
Delaware Observed and Projected Labor

STATE SPECIFIC TRENDS • FLORIDA

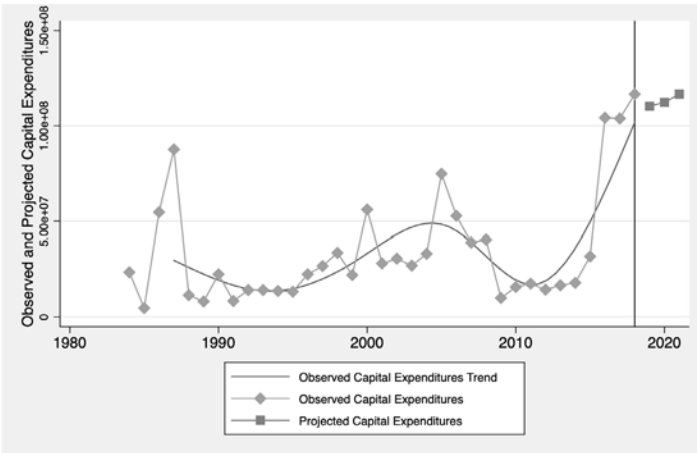
Variable	Total	Total Per Acre
Attendance (visits)	28,178,773	39
Attendance (visitor-hours)	84,874,464	118
Operating Expenditures	82,519,688	114
Capital Expenditures	116,603,336	162
Revenue	66,067,952	92
Labor (personnel)	1,493	0.002
Labor (person-hours)	3,105,440	4
Acres	721,148	--



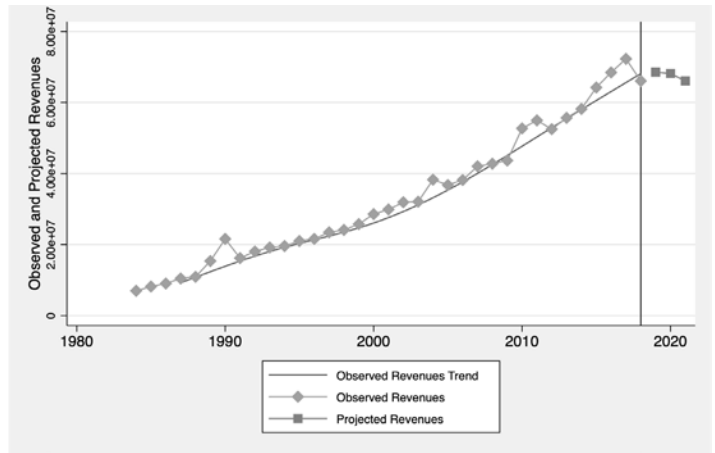
Florida Observed and Projected Attendance



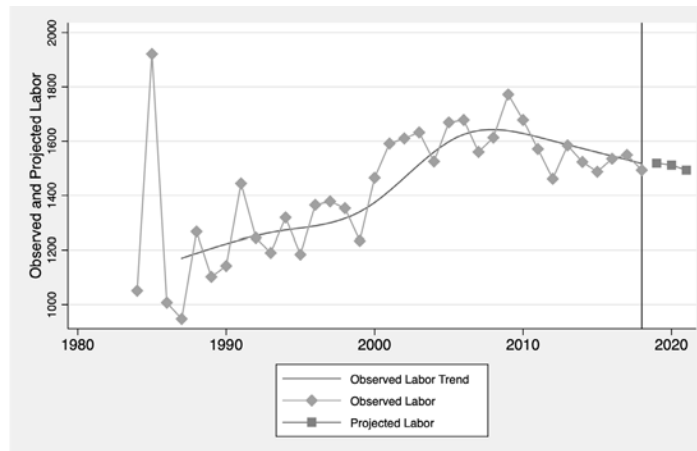
Florida Observed and Projected Operating Expenditures



Florida Observed and Projected Capital Expenditures



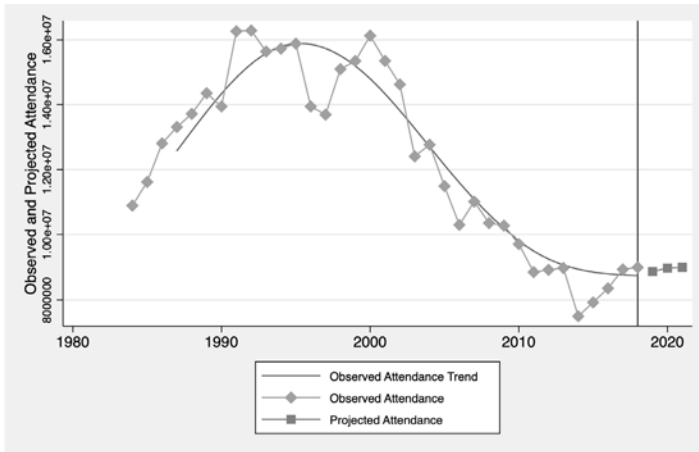
Florida Observed and Projected Revenues



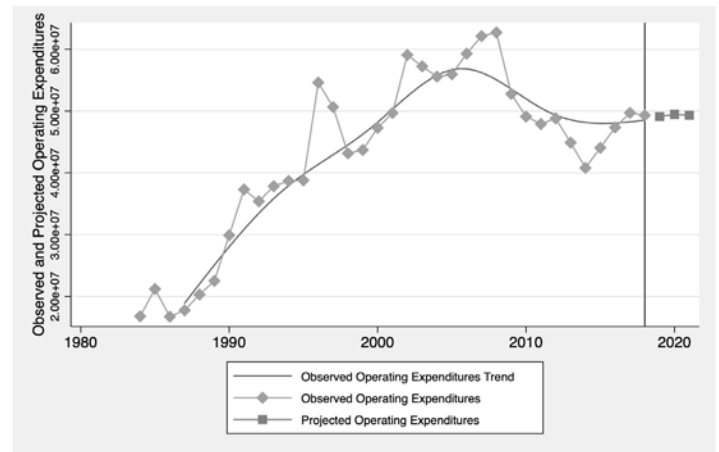
Florida Observed and Projected Labor

STATE SPECIFIC TRENDS • GEORGIA

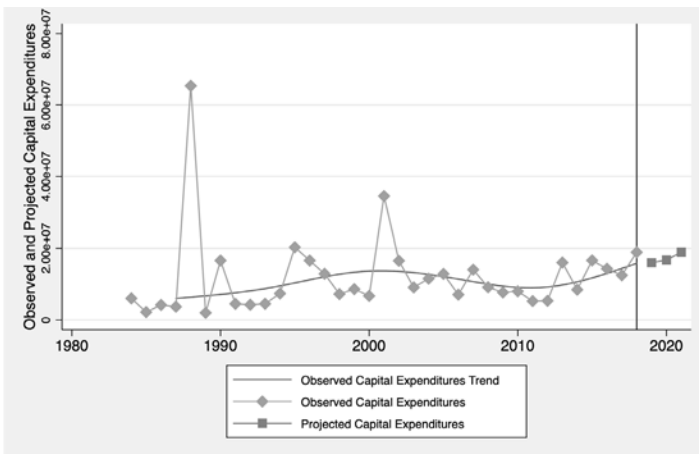
Variable	Total	Total Per Acre
Attendance (visits)	9,003,275	108
Attendance (visitor-hours)	27,117,864	326
Operating Expenditures	49,311,080	593
Capital Expenditures	18,947,016	228
Revenue	33,663,612	405
Labor (personnel)	775	0.009
Labor (person-hours)	1,612,000	19
Acres	83,184	--



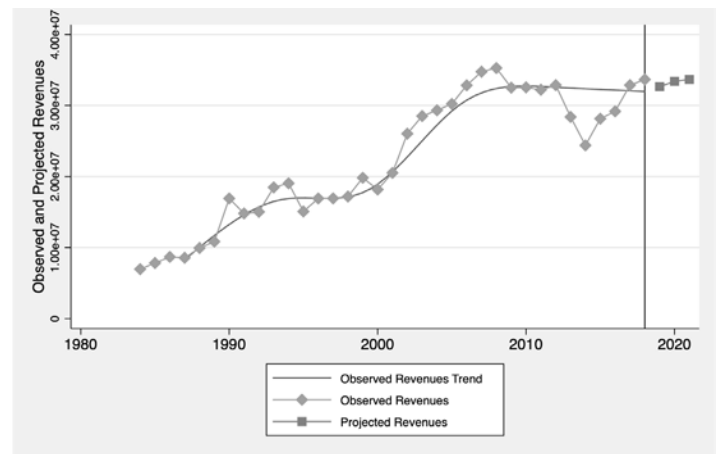
Georgia Observed and Projected Attendance



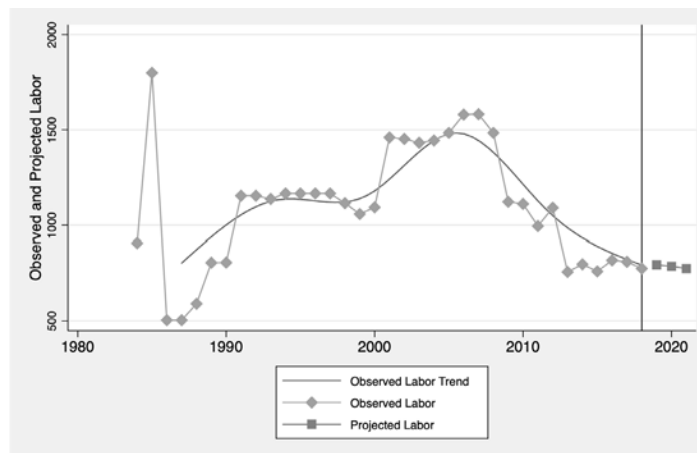
Georgia Observed and Projected Operating Expenditures



Georgia Observed and Projected Capital Expenditures



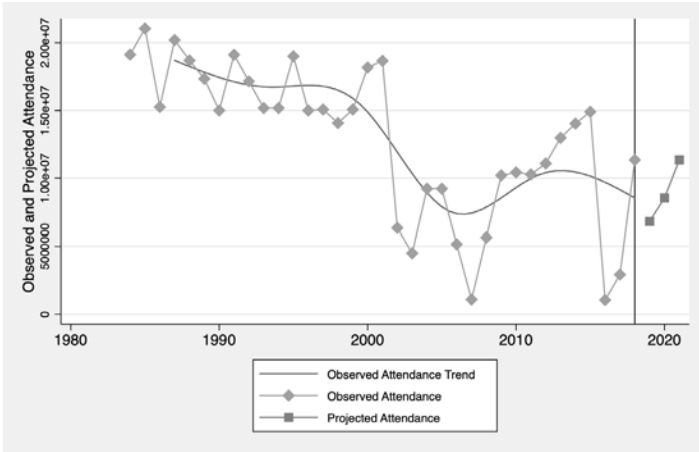
Georgia Observed and Projected Revenues



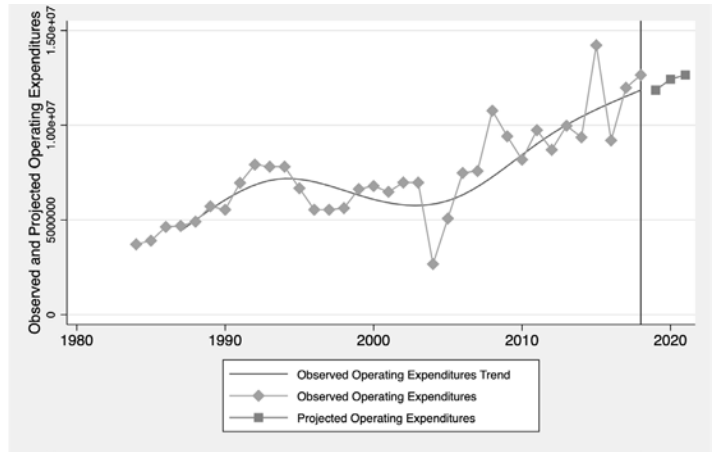
Georgia Observed and Projected Labor

STATE SPECIFIC TRENDS • HAWAII

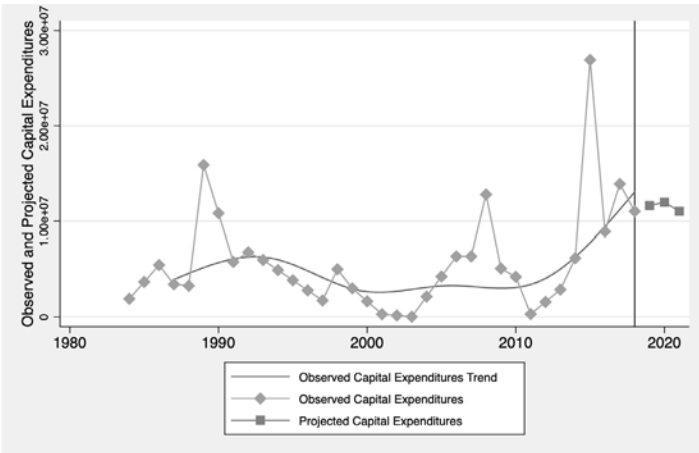
Variable	Total	Total Per Acre
Attendance (visits)	11,348,242	339
Attendance (visitor-hours)	34,180,904	1,021
Operating Expenditures	12,649,785	378
Capital Expenditures	11,029,000	330
Revenue	4,321,027	129
Labor (personnel)	134	0.004
Labor (person-hours)	278,720	8
Acres	33,462	--



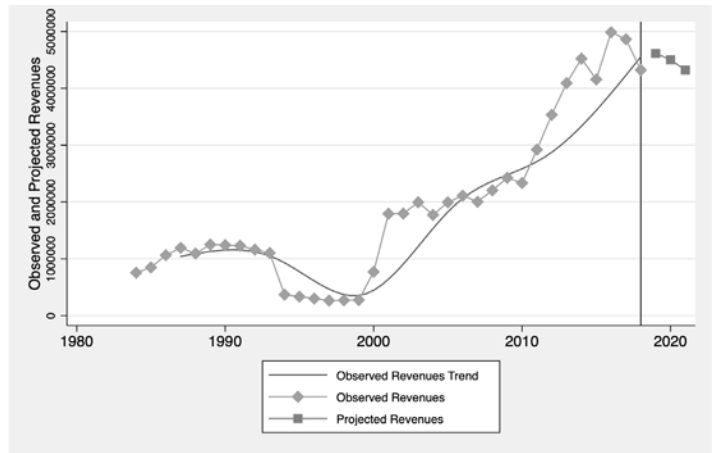
Hawaii Observed and Projected Attendance



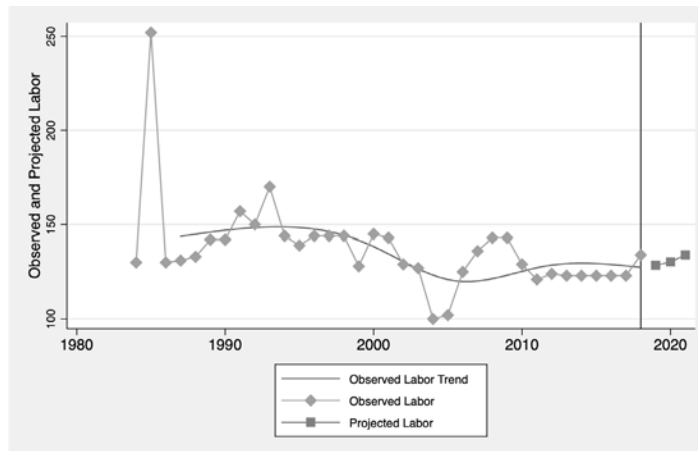
Hawaii Observed and Projected Operating Expenditures



Hawaii Observed and Projected Capital Expenditures



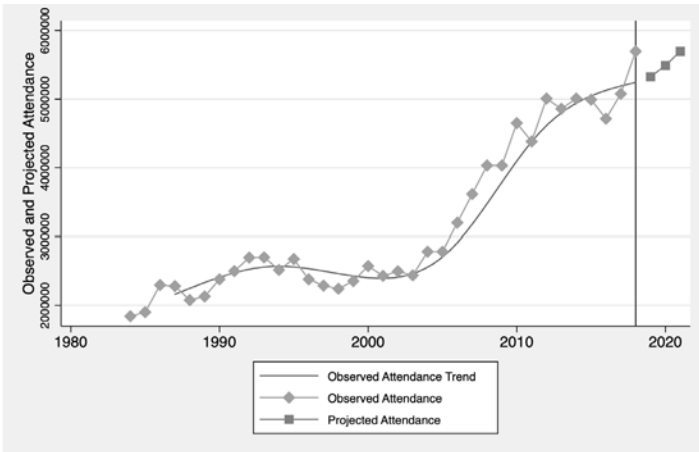
Hawaii Observed and Projected Revenues



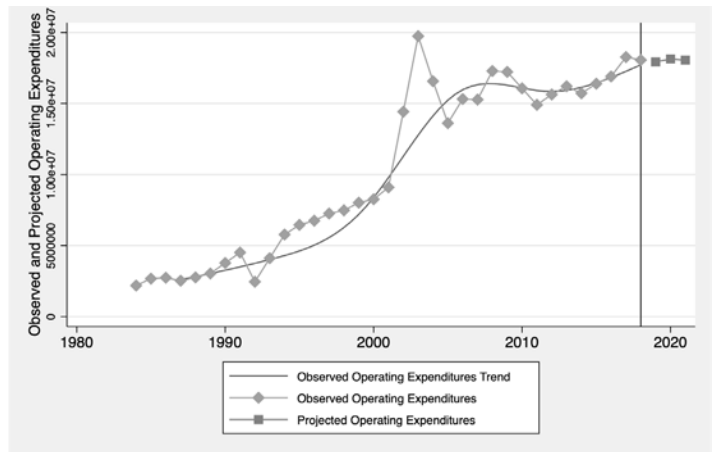
Hawaii Observed and Projected Labor

STATE SPECIFIC TRENDS • IDAHO

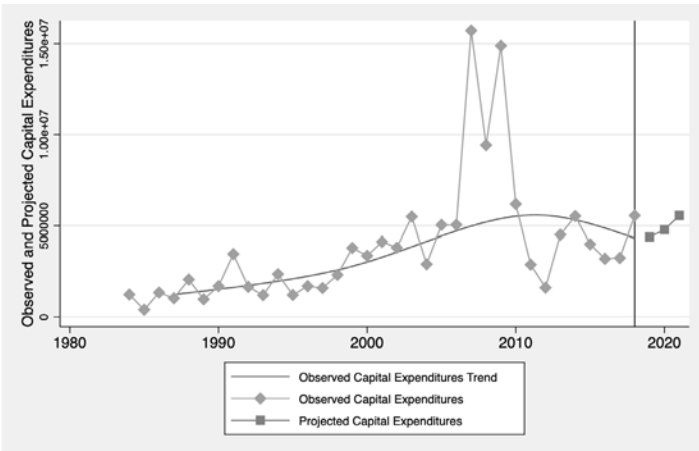
Variable	Total	Total Per Acre
Attendance (visits)	5,696,298	97
Attendance (visitor-hours)	17,157,250	291
Operating Expenditures	18,056,800	306
Capital Expenditures	5,551,600	94
Revenue	11,793,700	200
Labor (personnel)	501	0.009
Labor (person-hours)	1,042,080	18
Acres	58,922	--



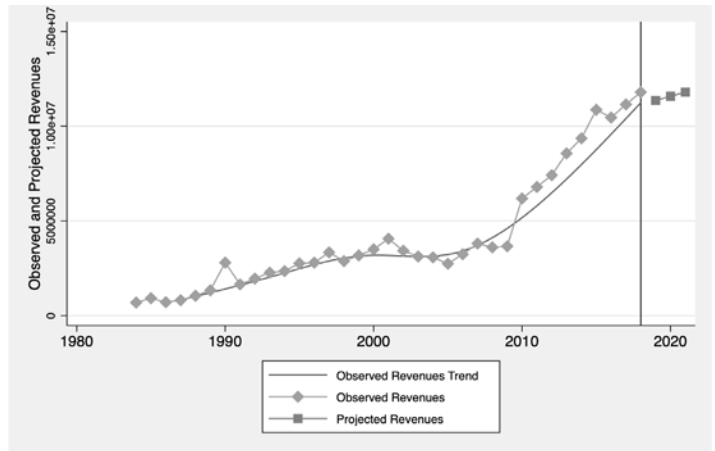
Idaho Observed and Projected Attendance



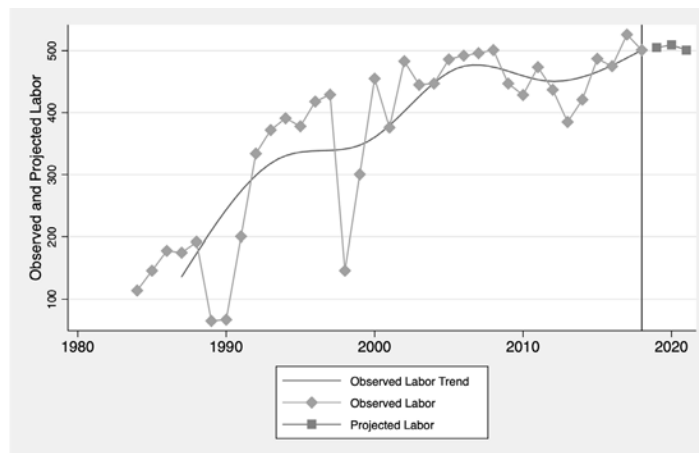
Idaho Observed and Projected Operating Expenditures



Idaho Observed and Projected Capital Expenditures



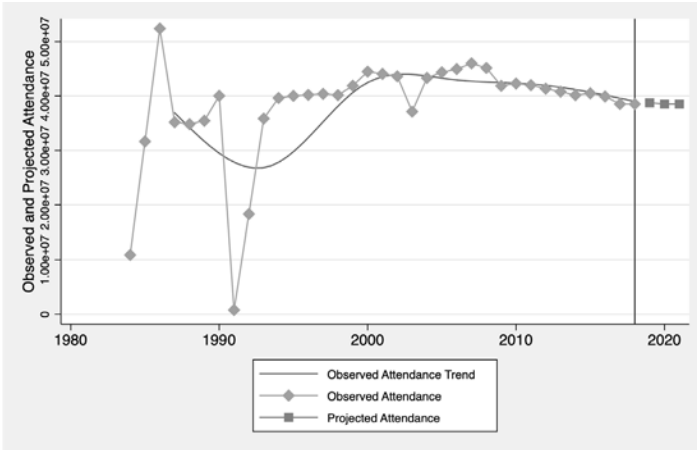
Idaho Observed and Projected Revenues



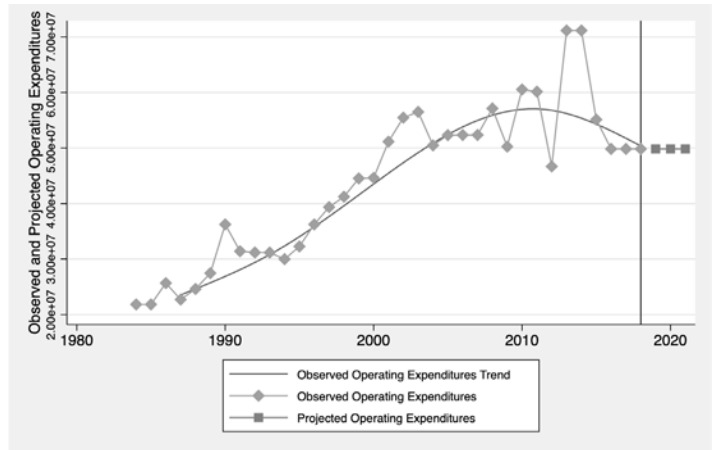
Idaho Observed and Projected Labor

STATE SPECIFIC TRENDS • ILLINOIS

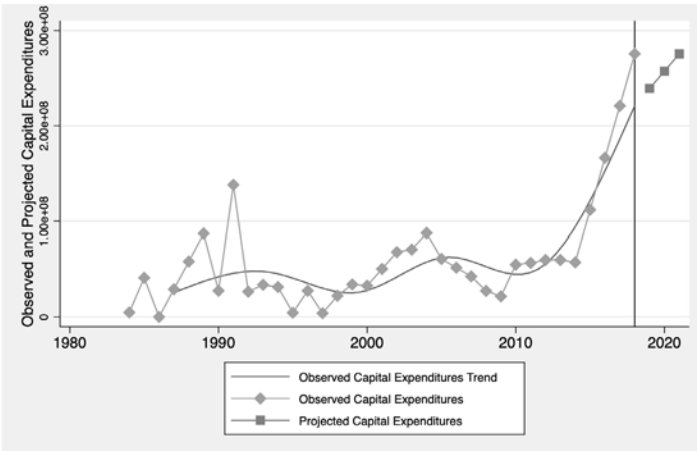
Variable	Total	Total Per Acre
Attendance (visits)	38,527,204	80
Attendance (visitor-hours)	116,043,936	240
Operating Expenditures	49,839,636	103
Capital Expenditures	275,578,432	571
Revenue	7,220,601	15
Labor (personnel)	734	0.002
Labor (person-hours)	1,526,720	3
Acres	482,545	--



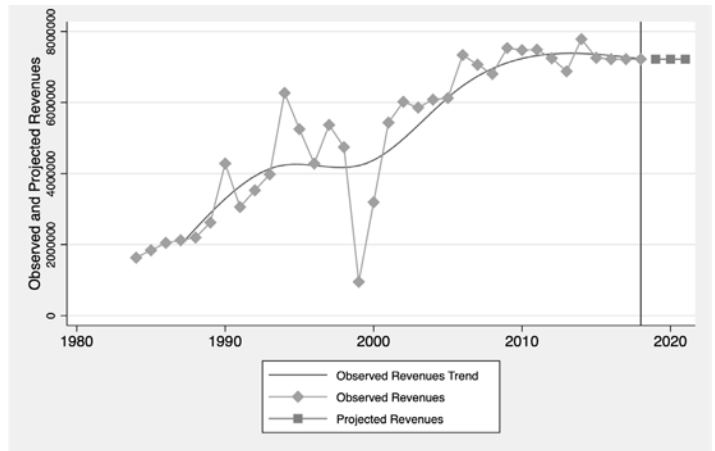
Illinois Observed and Projected Attendances



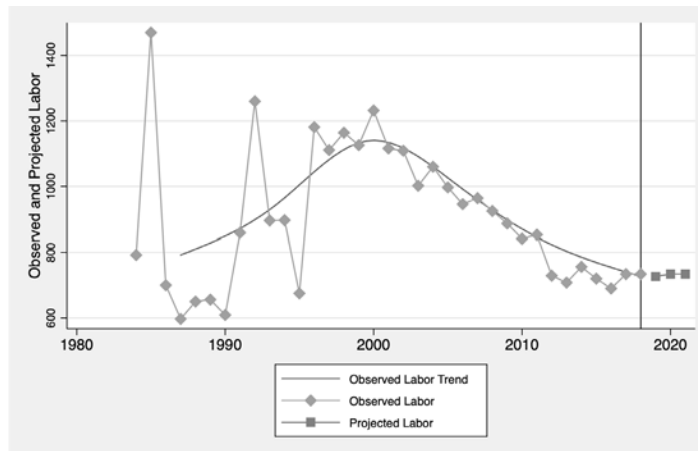
Illinois Observed and Projected Operating Expenditures



Illinois Observed and Projected Capital Expenditures



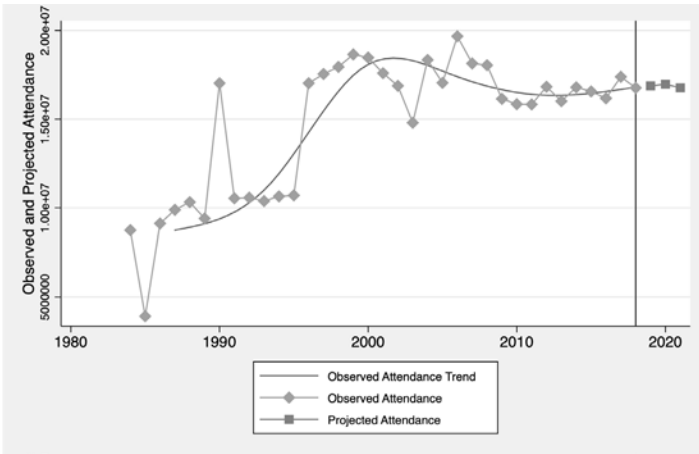
Illinois Observed and Projected Revenues



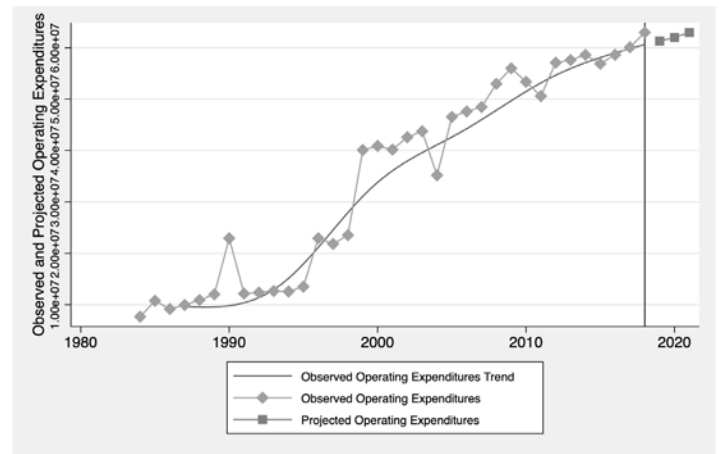
Illinois Observed and Projected Labor

STATE SPECIFIC TRENDS • INDIANA

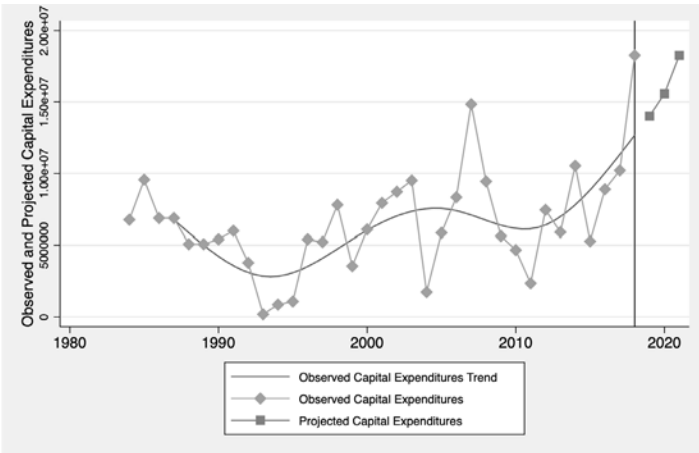
Variable	Total	Total Per Acre
Attendance (visits)	16,764,737	98
Attendance (visitor-hours)	50,495,388	295
Operating Expenditures	62,968,784	367
Capital Expenditures	18,263,260	107
Revenue	66,756,608	389
Labor (personnel)	1,594	0.009
Labor (person-hours)	3,315,520	19
Acres	171,391	--



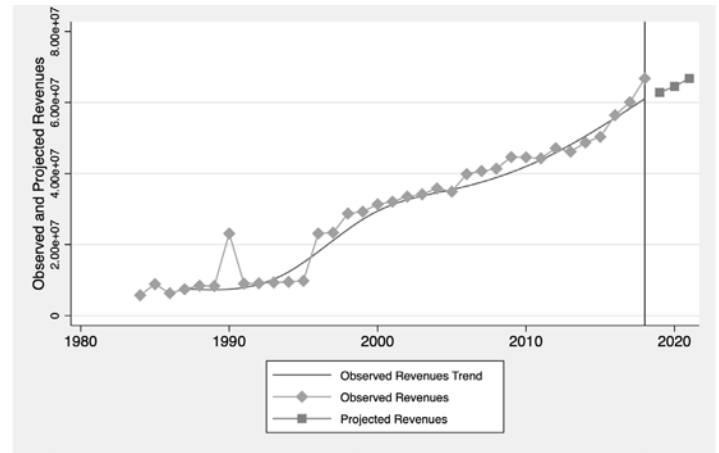
Indiana Observed and Projected Attendance



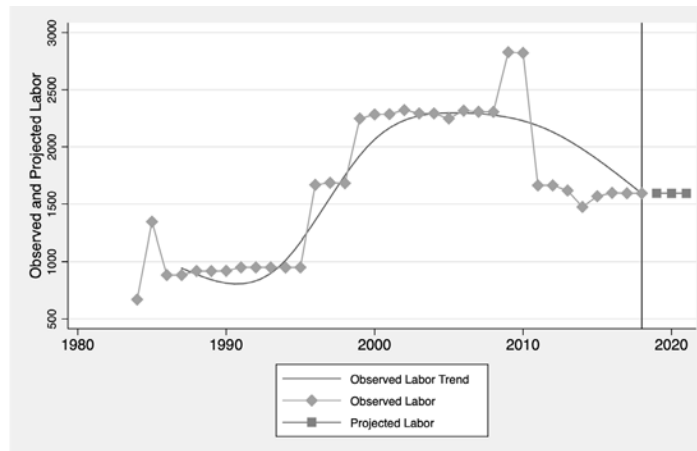
Indiana Observed and Projected Operating Expenditures



Indiana Observed and Projected Capital Expenditures



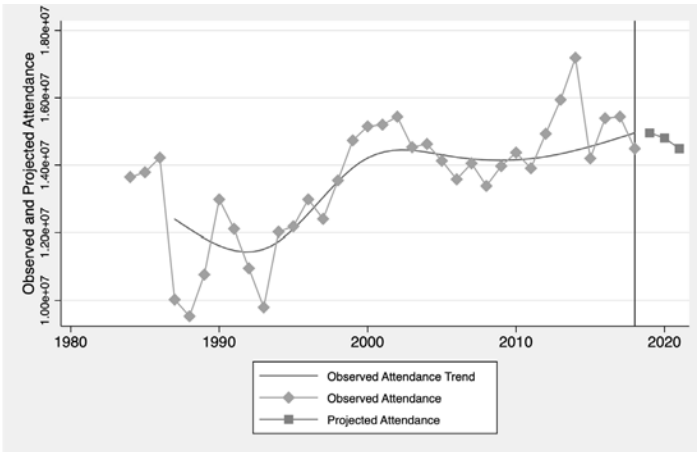
Indiana Observed and Projected Revenues



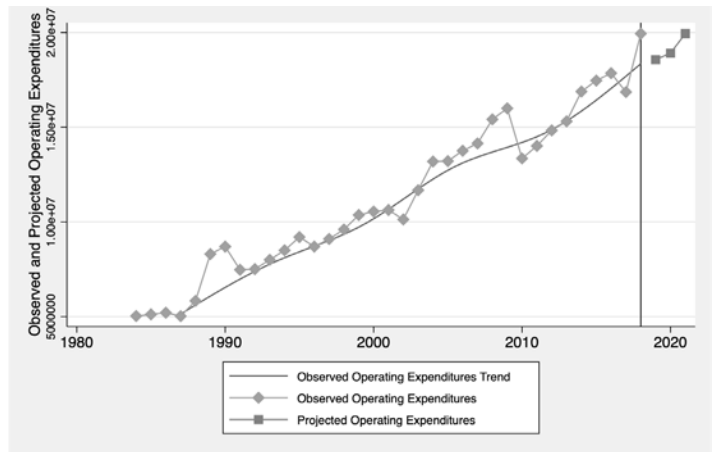
Indiana Observed and Projected Labor

STATE SPECIFIC TRENDS • IOWA

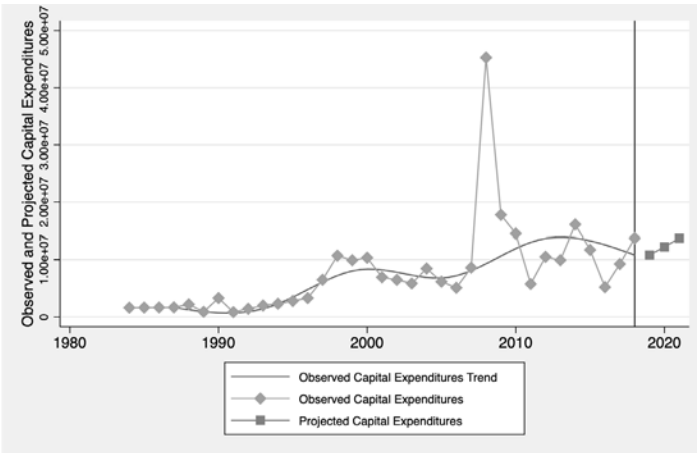
Variable	Total	Total Per Acre
Attendance (visits)	14,492,048	125
Attendance (visitor-hours)	43,650,048	376
Operating Expenditures	19,940,018	172
Capital Expenditures	13,720,243	118
Revenue	5,309,980	46
Labor (personnel)	347	0.003
Labor (person-hours)	721,760	6
Acres	116,205	--



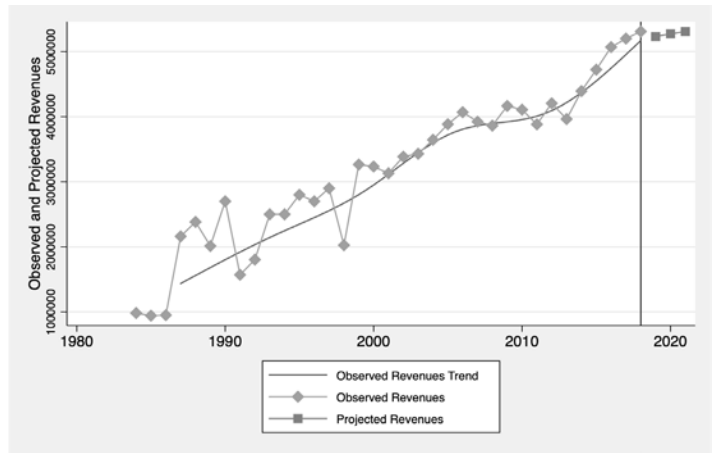
Iowa Observed and Projected Attendance



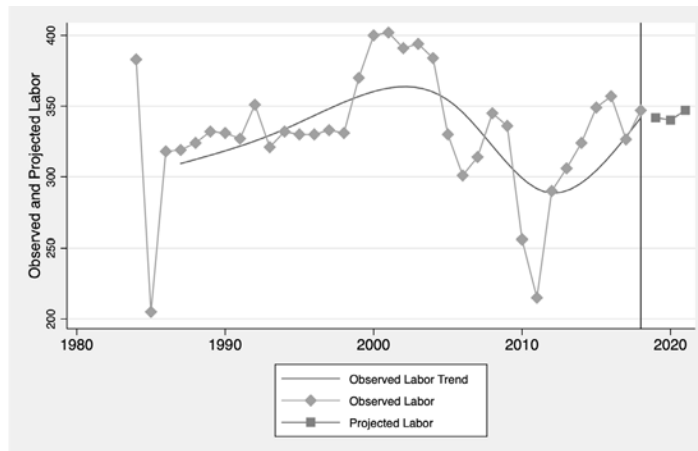
Iowa Observed and Projected Operating Expenditures



Iowa Observed and Projected Capital Expenditures



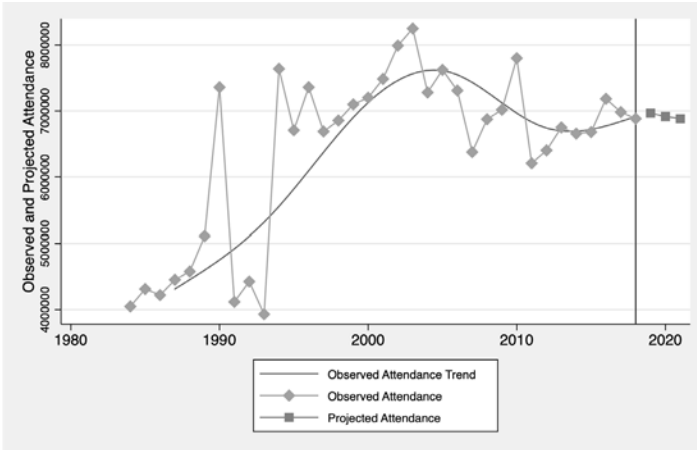
Iowa Observed and Projected Revenues



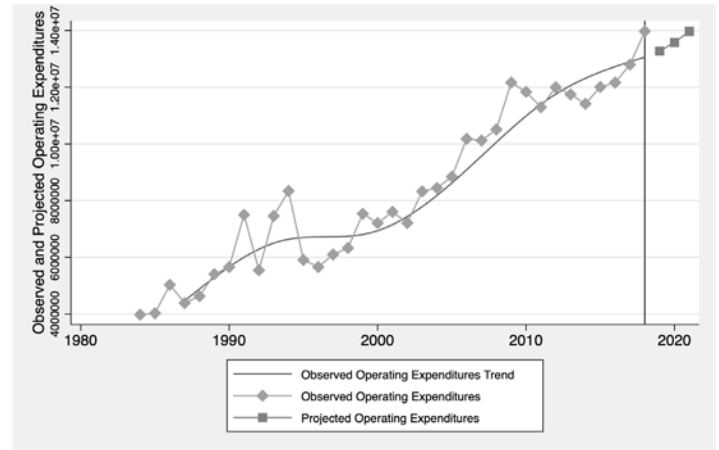
Iowa Observed and Projected Labor

STATE SPECIFIC TRENDS • KANSAS

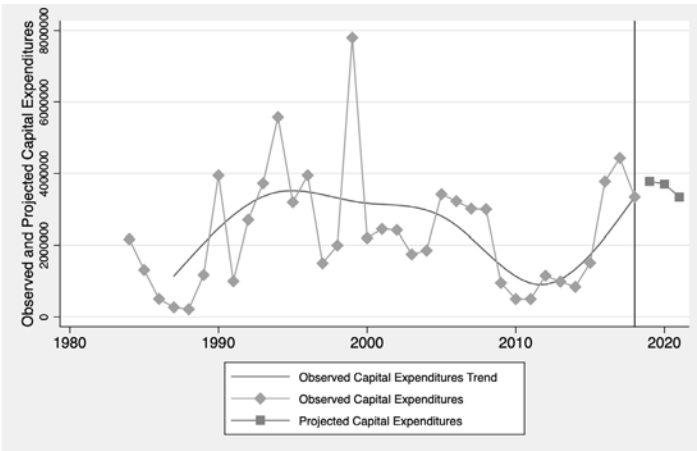
Variable	Total	Total Per Acre
Attendance (visits)	6,883,848	209
Attendance (visitor-hours)	20,734,150	630
Operating Expenditures	13,970,285	425
Capital Expenditures	3,340,641	102
Revenue	10,689,406	325
Labor (personnel)	398	0.012
Labor (person-hours)	827,840	25
Acres	32,900	--



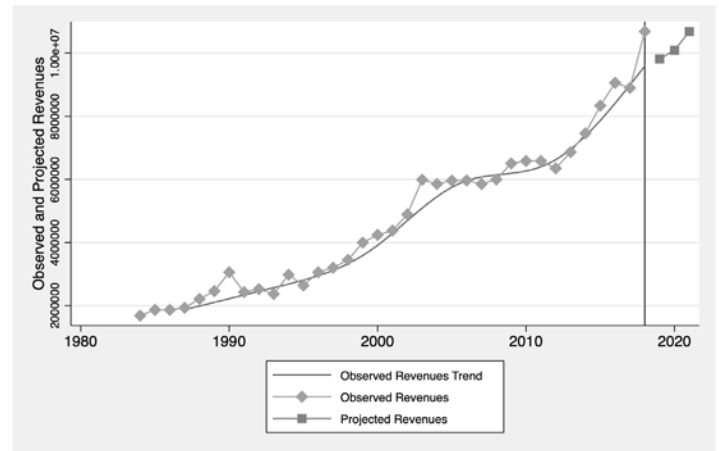
Kansas Observed and Projected Attendance



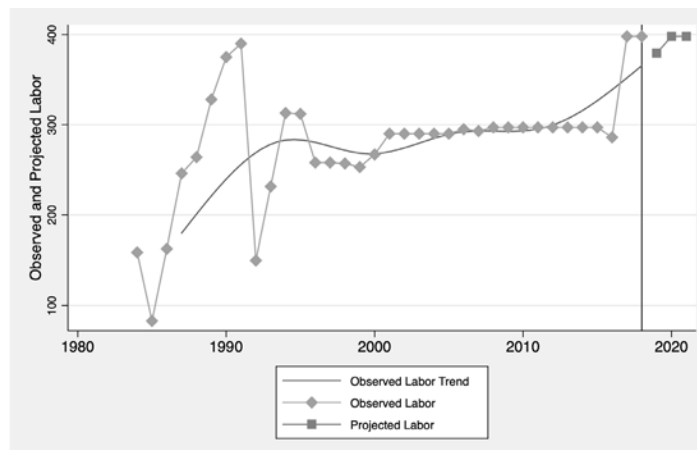
Kansas Observed and Projected Operating Expenditures



Kansas Observed and Projected Capital Expenditures



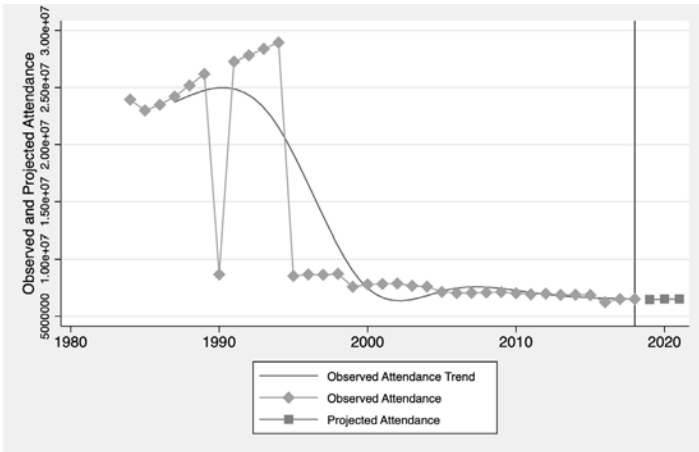
Kansas Observed and Projected Revenues



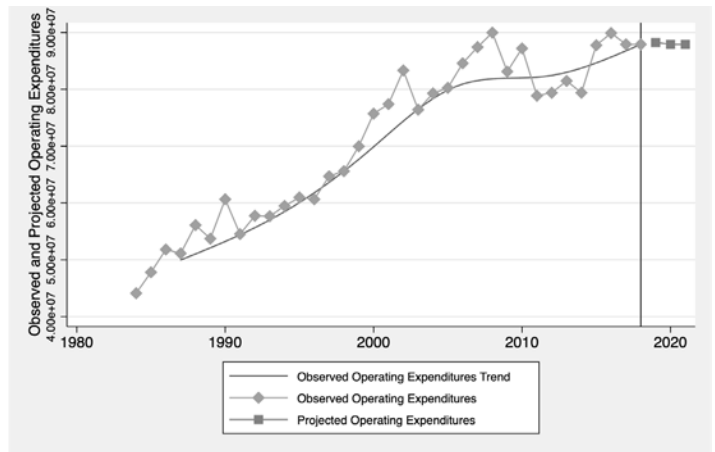
Kansas Observed and Projected Labor

STATE SPECIFIC TRENDS • KENTUCKY

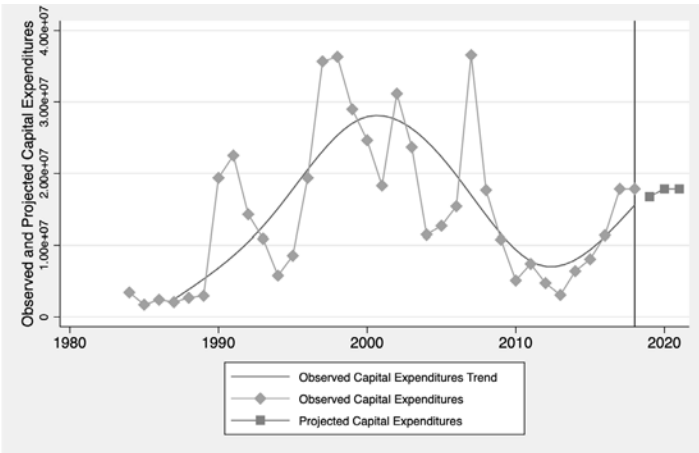
Table 19. Vital statistics for Kentucky's State Park System in 2018		
Variable	Total	Total Per Acre
Attendance (visits)	6,504,972	147
Attendance (visitor-hours)	19,592,976	442
Operating Expenditures	87,915,312	1,984
Capital Expenditures	17,836,464	403
Revenue	52,713,300	1,190
Labor (personnel)	996	0.022
Labor (person-hours)	2,071,680	47
Acres	44,312	--



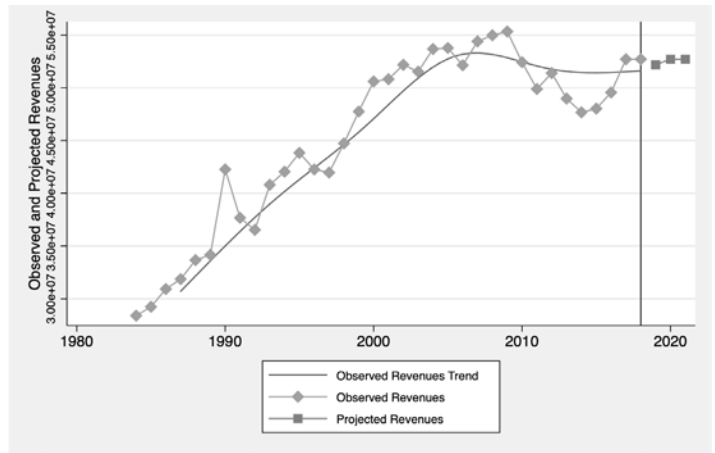
Kentucky Observed and Projected Attendance



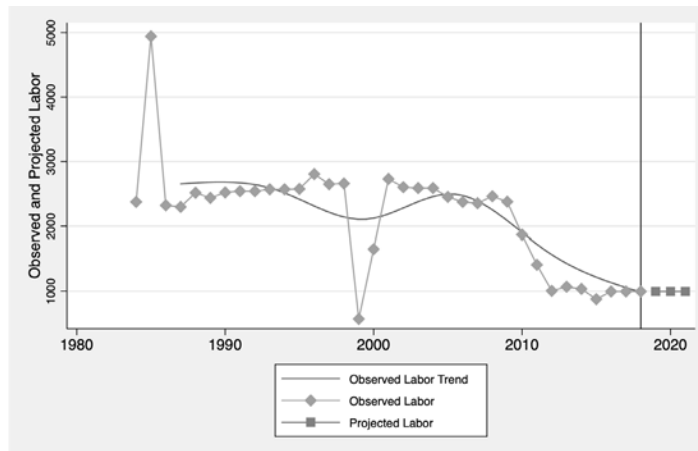
Kentucky Observed and Projected Operating Expenditures



Kentucky Observed and Projected Capital Expenditures



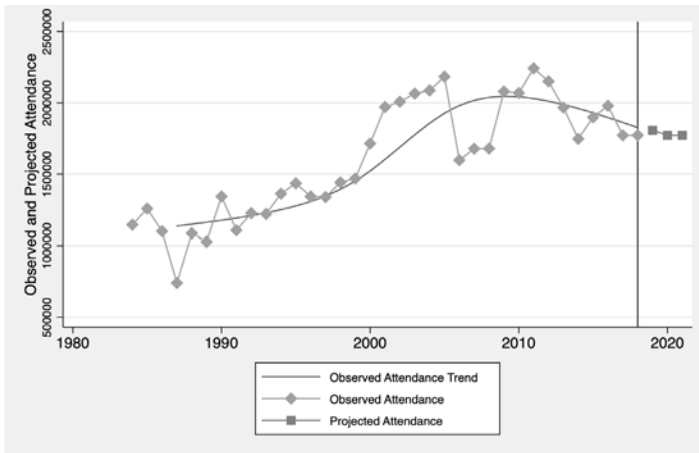
Kentucky Observed and Projected Revenues



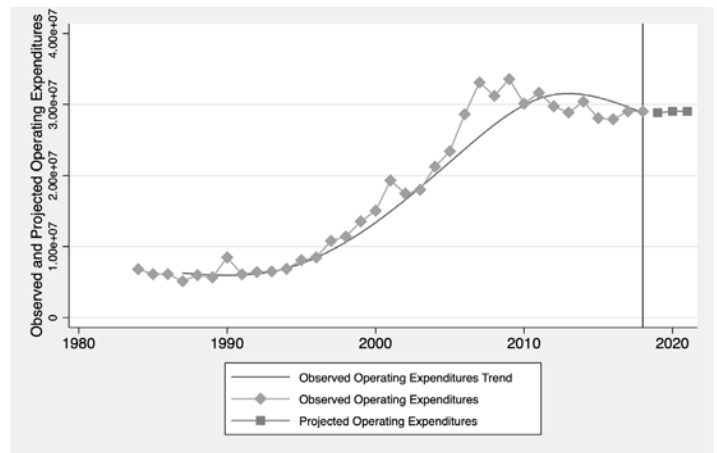
Kentucky Observed and Projected Labor

STATE SPECIFIC TRENDS • LOUISIANA

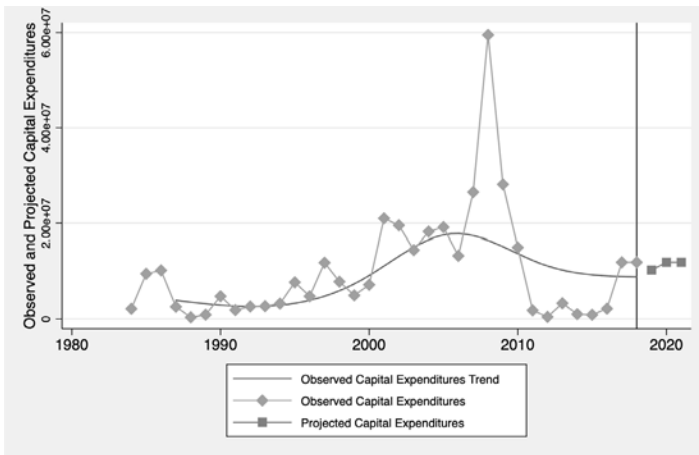
Table 20. Vital statistics for Louisiana's State Park System in 2018		
Variable	Total	Total Per Acre
Attendance (visits)	1,772,179	41
Attendance (visitor-hours)	5,337,803	123
Operating Expenditures	29,033,352	670
Capital Expenditures	11,877,822	274
Revenue	10,915,966	252
Labor (personnel)	479	0.011
Labor (person-hours)	996,320	23
Acres	43,326	--



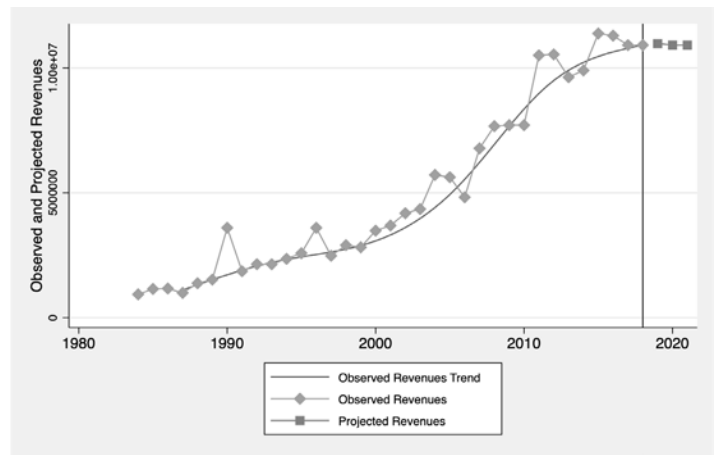
Louisiana Observed and Projected Attendance



Louisiana Observed and Projected Operating Expenditures



Louisiana Observed and Projected Capital Expenditures



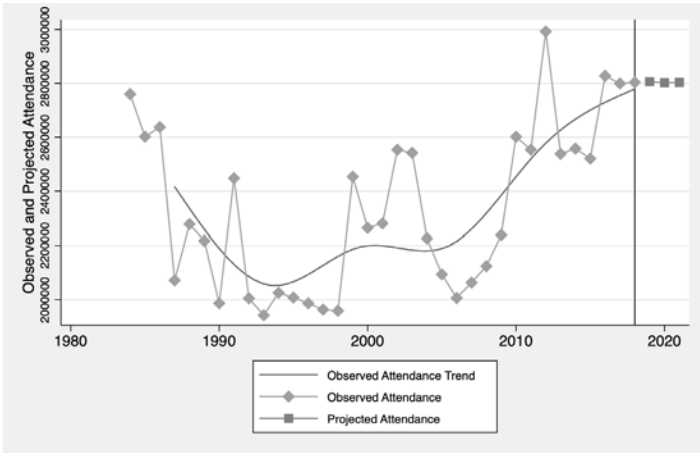
Louisiana Observed and Projected Revenues



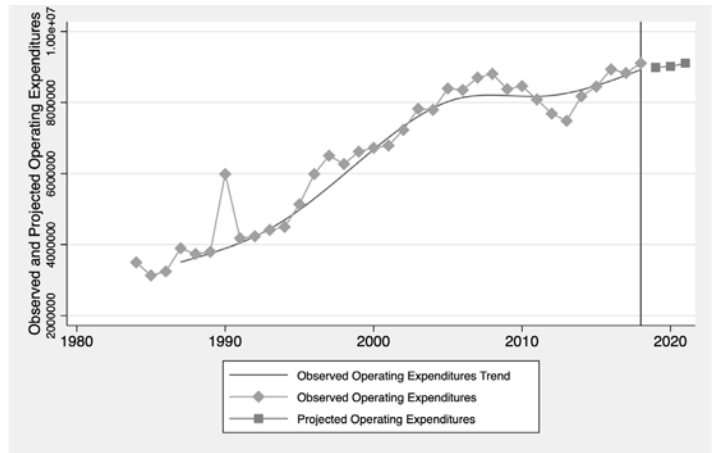
Louisiana Observed and Projected Labor

STATE SPECIFIC TRENDS • MAINE

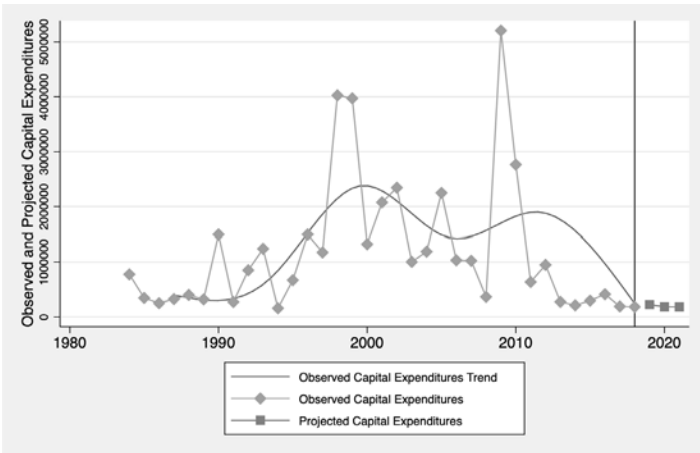
Variable	Total	Total Per Acre
Attendance (visits)	2,804,070	29
Attendance (visitor-hours)	8,445,859	86
Operating Expenditures	9,106,216	93
Capital Expenditures	183,244	2
Revenue	5,347,621	54
Labor (personnel)	266	0.003
Labor (person-hours)	553,280	6
Acres	98,298	--



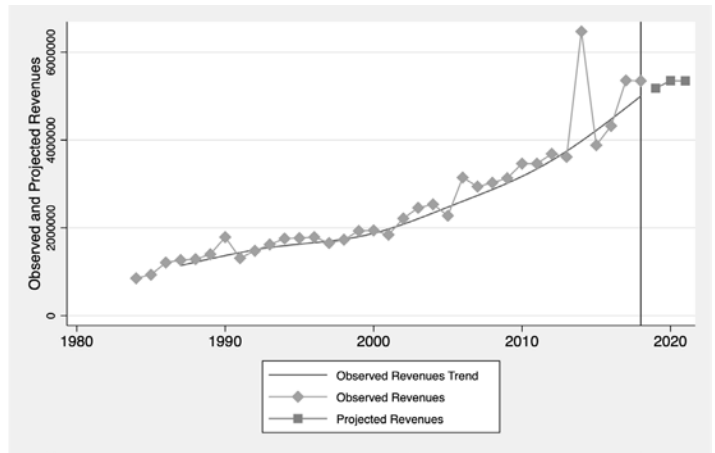
Maine Observed and Projected Attendance



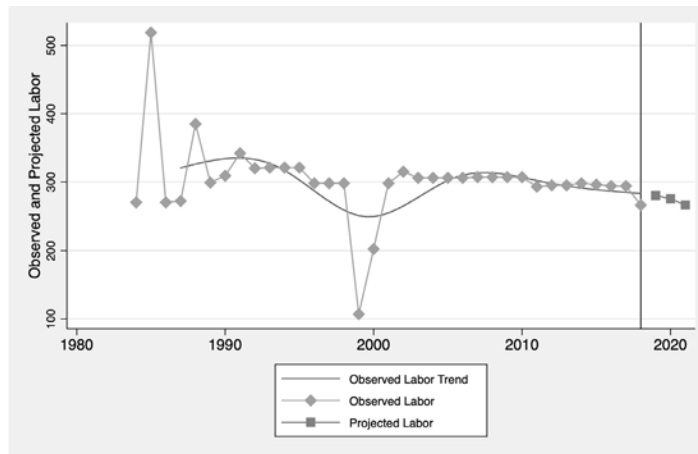
Maine Observed and Projected Operating Expenditures



Maine Observed and Projected Capital Expenditures



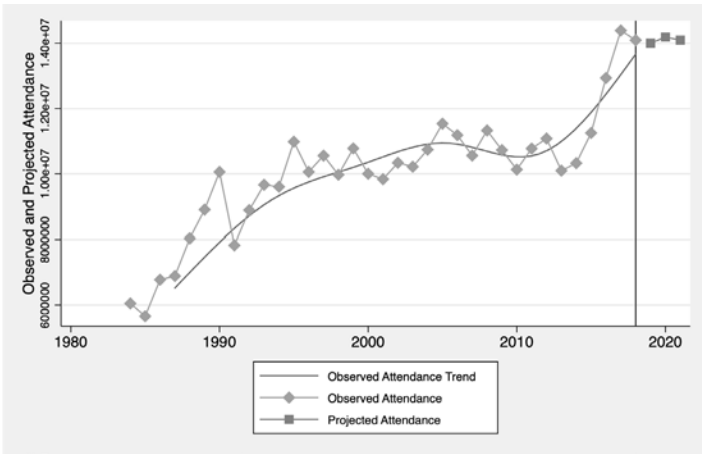
Maine Observed and Projected Revenues



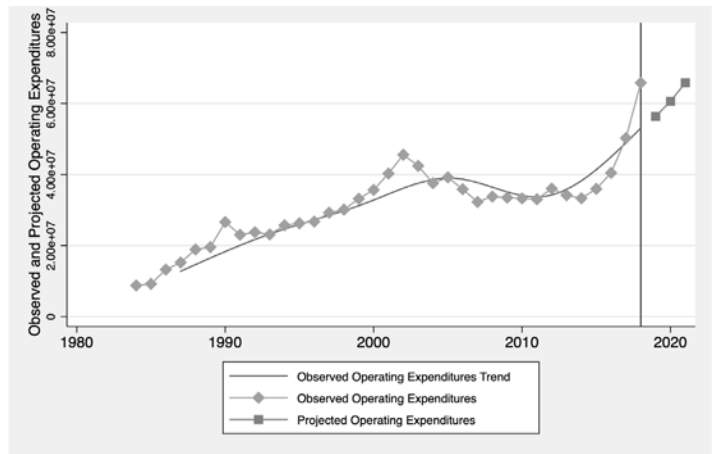
Maine Observed and Projected Labor

STATE SPECIFIC TRENDS • MARYLAND

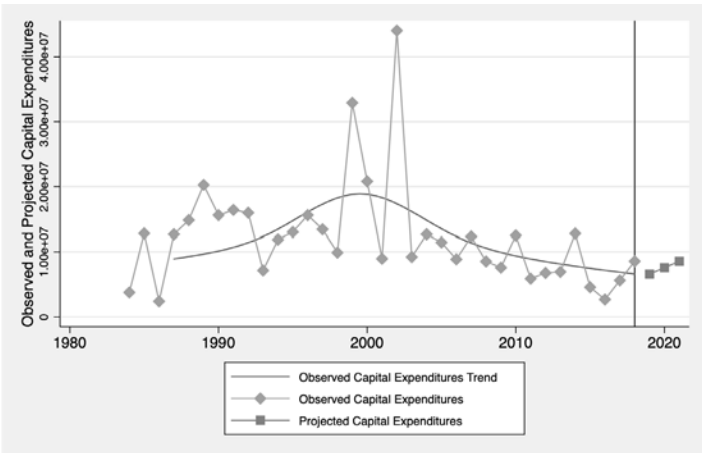
Variable	Total	Total Per Acre
Attendance (visits)	14,094,658	101
Attendance (visitor-hours)	42,453,108	303
Operating Expenditures	65,812,620	470
Capital Expenditures	8,578,946	61
Revenue	11,971,163	86
Labor (personnel)	911	0.007
Labor (person-hours)	1,894,880	14
Acres	140,000	--



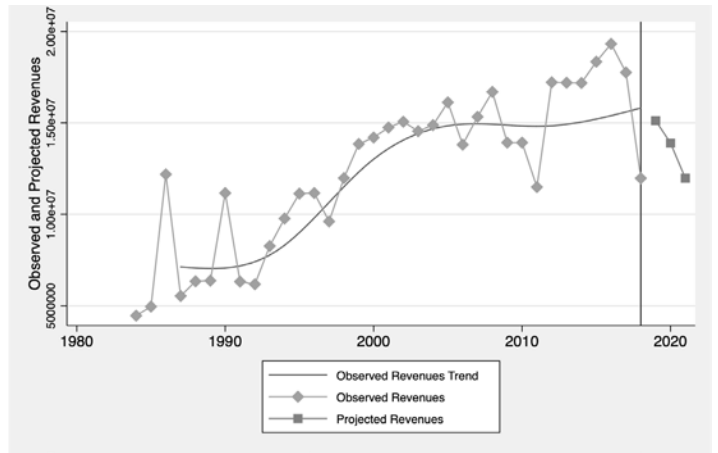
Maryland Observed and Projected Attendance



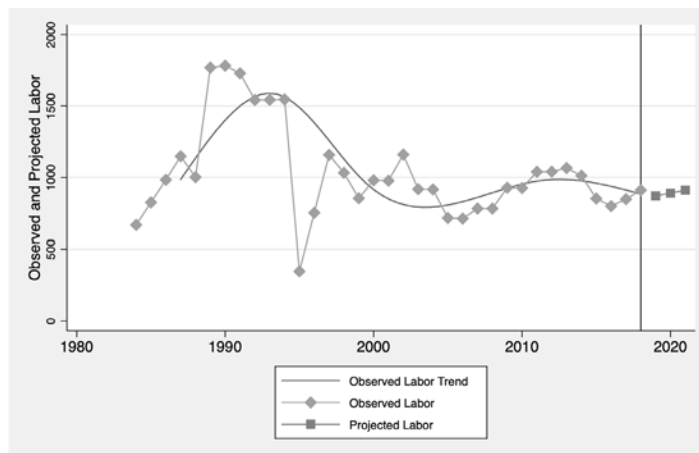
Maryland Observed and Projected Operating Expenditures



Maryland Observed and Projected Capital Expenditures



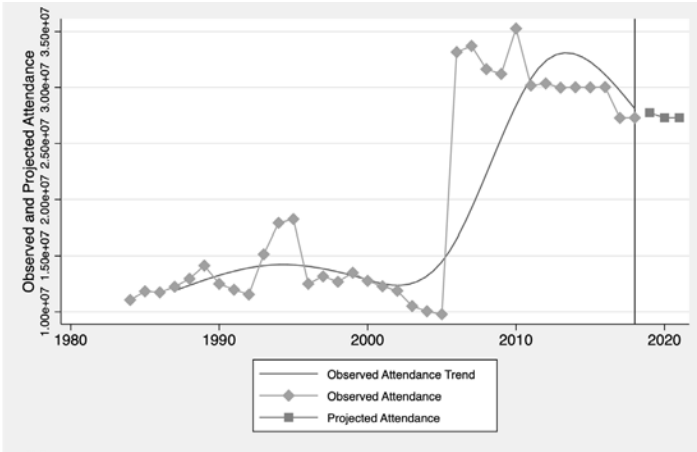
Maryland Observed and Projected Revenues



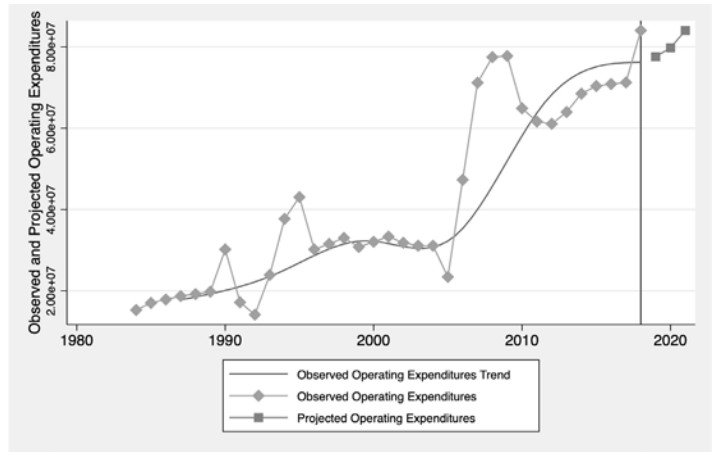
Maryland Observed and Projected Labor

STATE SPECIFIC TRENDS • MASSACHUSETTS

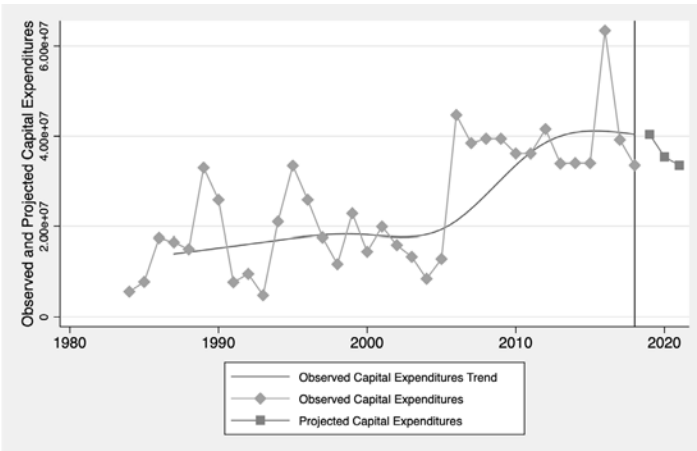
Variable	Total	Total Per Acre
Attendance (visits)	27,291,759	77
Attendance (visitor-hours)	82,202,776	232
Operating Expenditures	84,025,128	237
Capital Expenditures	33,517,620	95
Revenue	17,567,872	50
Labor (personnel)	2,028	0.006
Labor (person-hours)	4,218,240	12
Acres	353,889	--



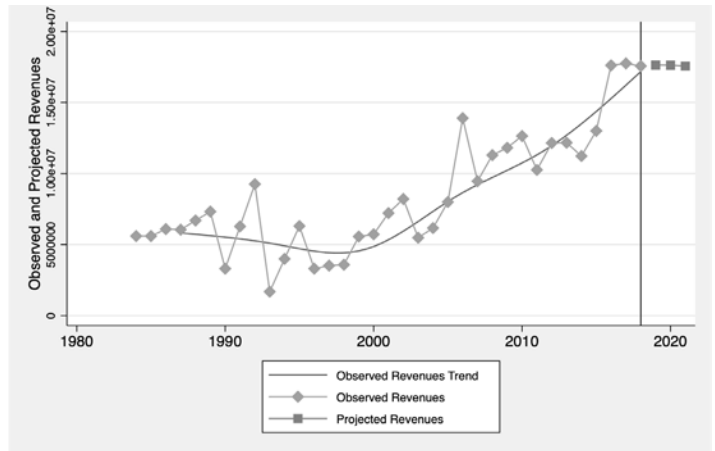
Massachusetts Observed and Projected Attendance



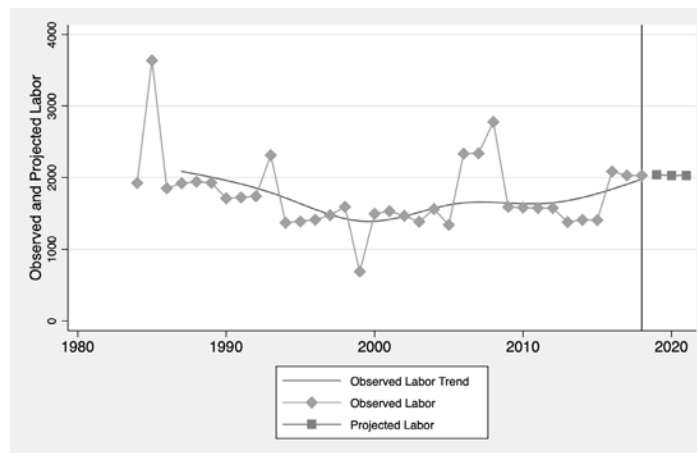
Massachusetts Observed and Projected Operating Expenditures



Massachusetts Observed and Projected Capital Expenditures



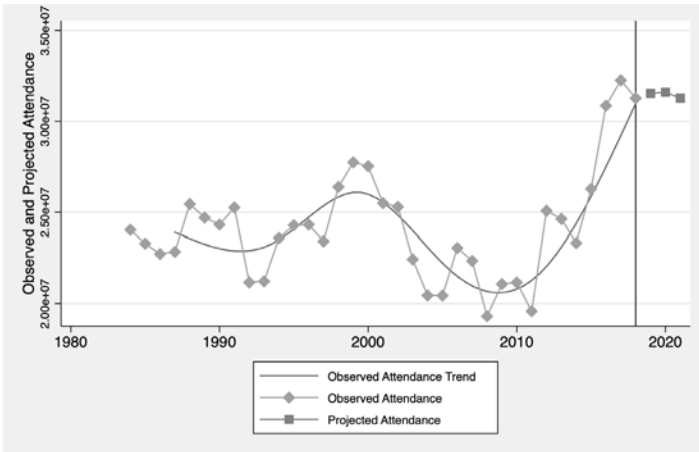
Massachusetts Observed and Projected Revenues



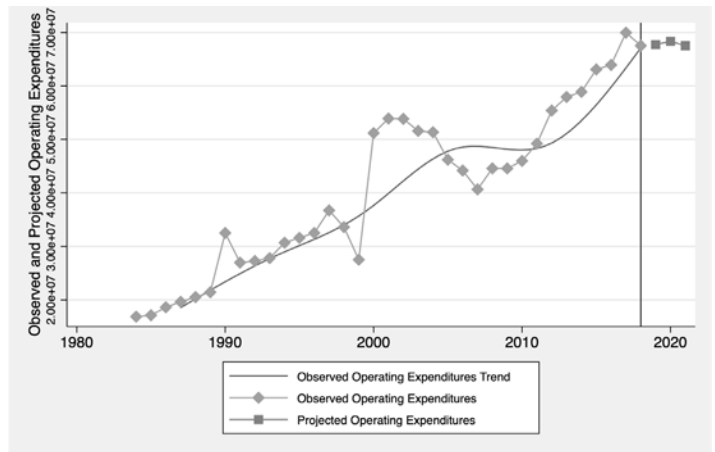
Massachusetts Observed and Projected Labor

STATE SPECIFIC TRENDS • MICHIGAN

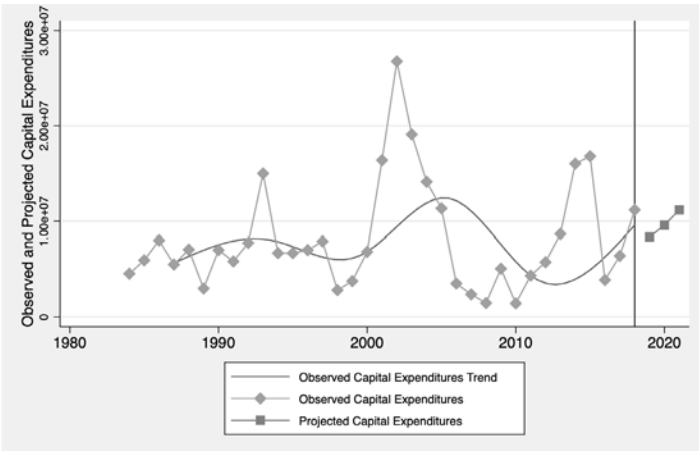
Variable	Total	Total Per Acre
Attendance (visits)	31,276,919	103
Attendance (visitor-hours)	94,206,080	311
Operating Expenditures	67,531,600	223
Capital Expenditures	11,177,784	37
Revenue	64,369,900	213
Labor (personnel)	1,937	0.006
Labor (person-hours)	4,028,960	13
Acres	302,661	--



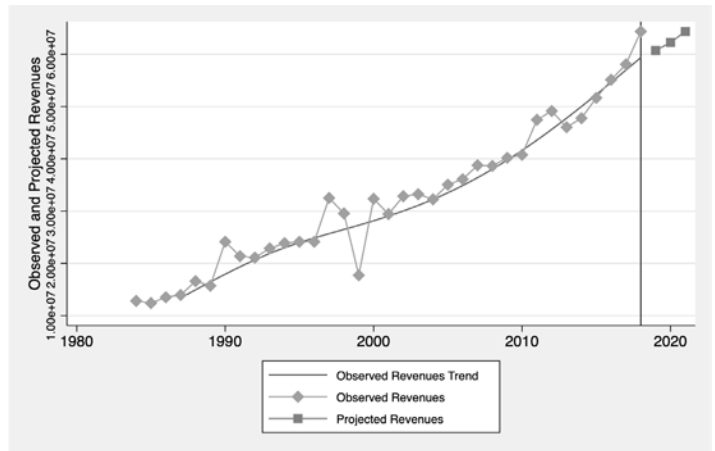
Michigan Observed and Projected Attendance



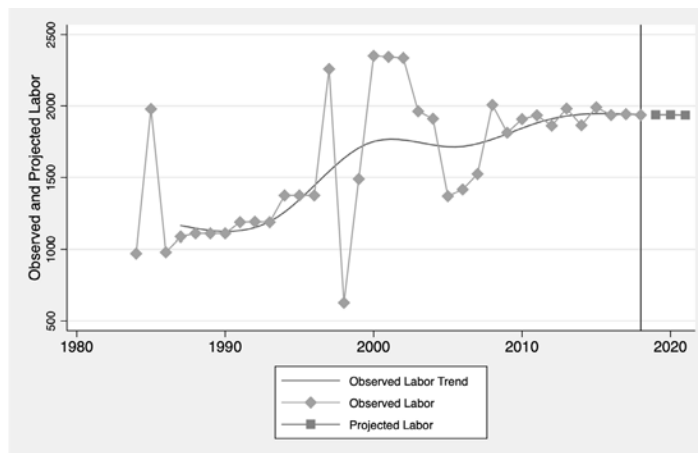
Michigan Observed and Projected Operating Expenditures



Michigan Observed and Projected Capital Expenditures



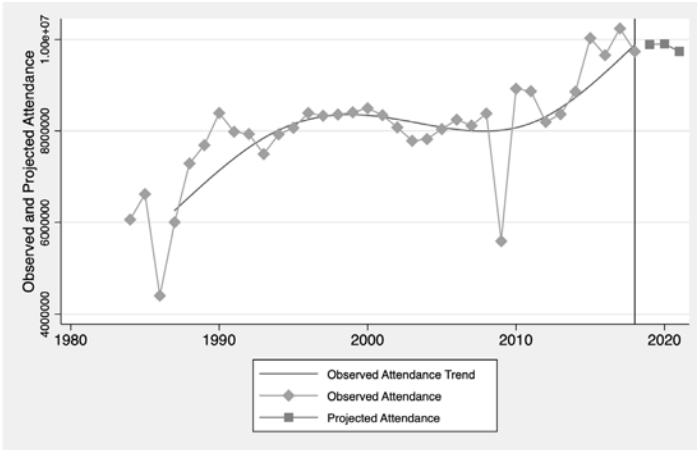
Michigan Observed and Projected Revenues



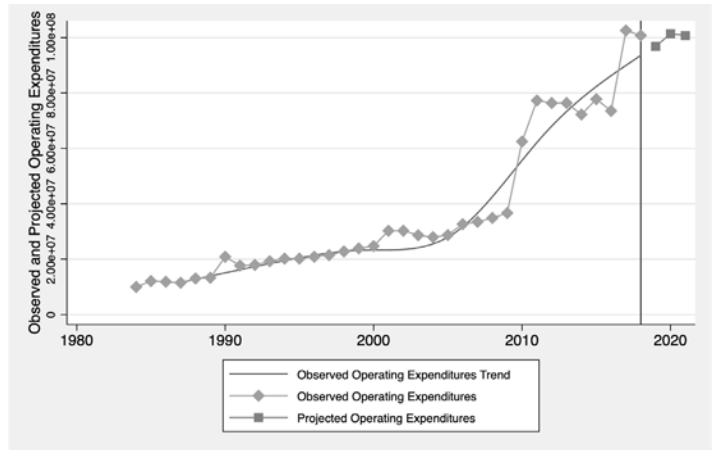
Michigan Observed and Projected Labor

STATE SPECIFIC TRENDS • MINNESOTA

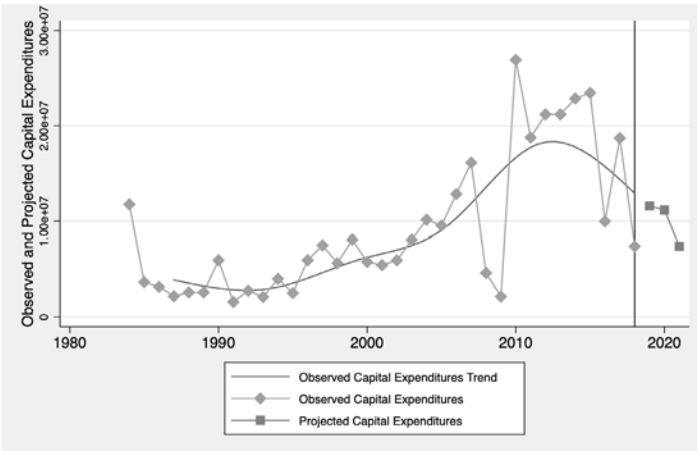
Table 25. Vital statistics for Minnesota's State Park System in 2018		
Variable	Total	Total Per Acre
Attendance (visits)	9,736,641	34
Attendance (visitor-hours)	29,326,762	103
Operating Expenditures	100,784,288	355
Capital Expenditures	7,396,260	26
Revenue	29,319,432	103
Labor (personnel)	1,214	0.004
Labor (person-hours)	2,525,120	9
Acres	283,903	-



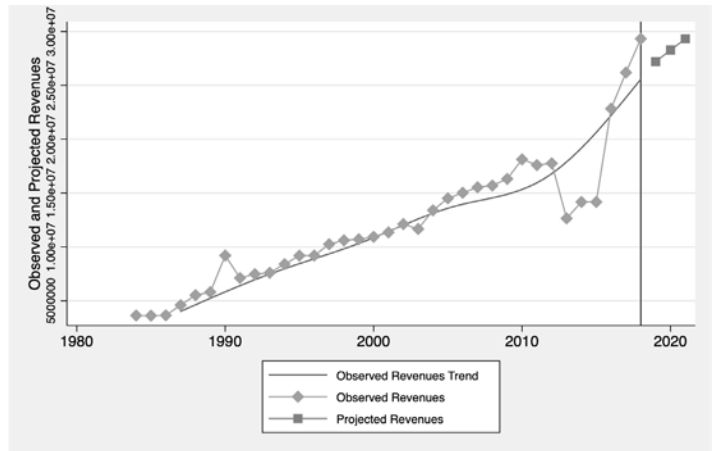
Minnesota Observed and Projected Attendance



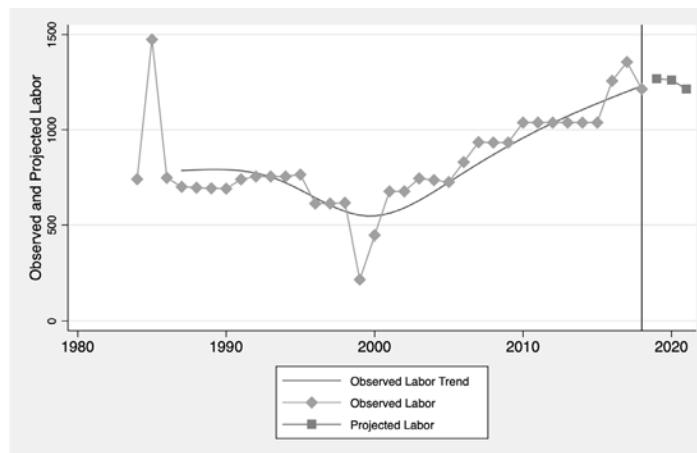
Minnesota Observed and Projected Operating Expenditures



Minnesota Observed and Projected Capital Expenditures



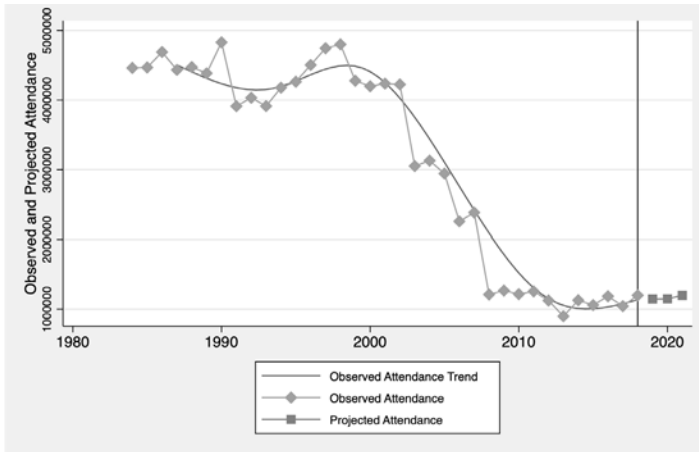
Minnesota Observed and Projected Revenues



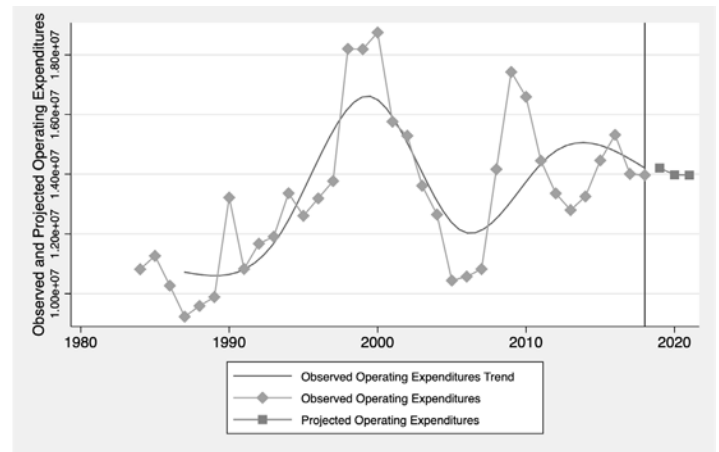
Minnesota Observed and Projected Labor

STATE SPECIFIC TRENDS • MISSISSIPPI

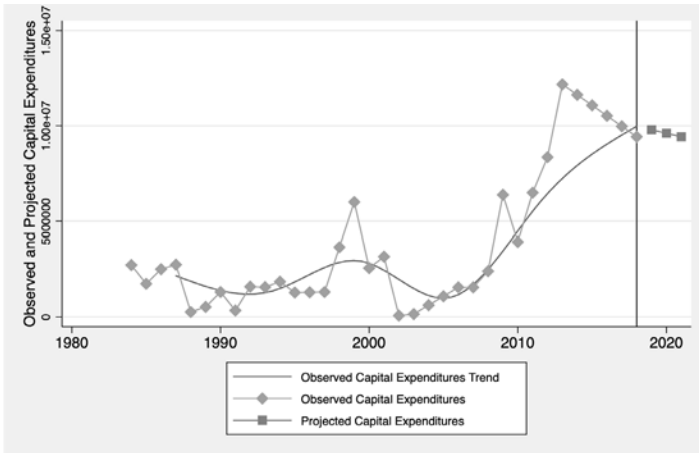
Variable	Total	Total Per Acre
Attendance (visits)	1,200,204	51
Attendance (visitor-hours)	3,615,015	153
Operating Expenditures	13,969,731	591
Capital Expenditures	9,424,351	399
Revenue	9,798,317	415
Labor (personnel)	230	0.010
Labor (person-hours)	478,400	20
Acres	23,620	--



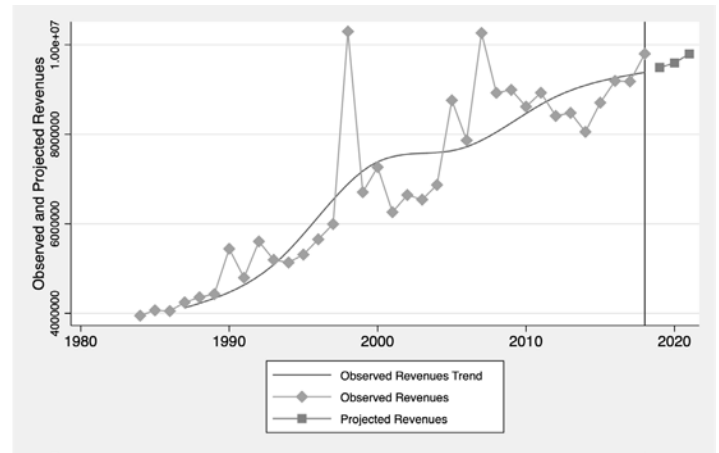
Mississippi Observed and Projected Attendance



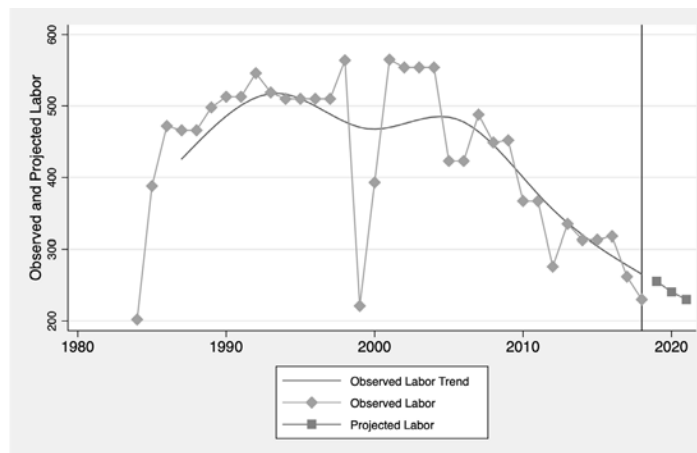
Mississippi Observed and Projected Operating Expenditures



Mississippi Observed and Projected Capital Expenditures



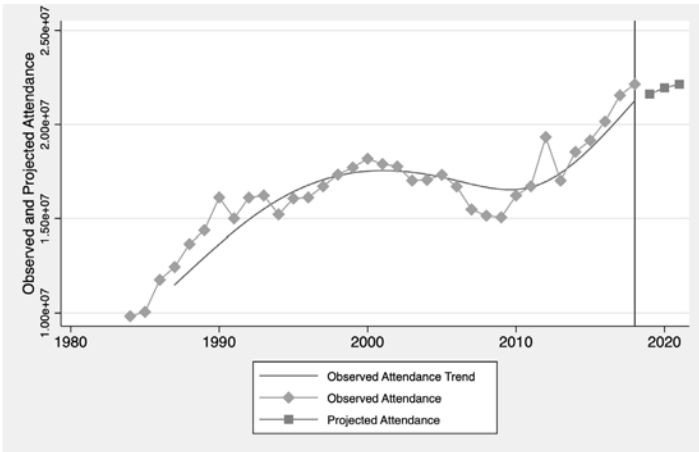
Mississippi Observed and Projected Revenues



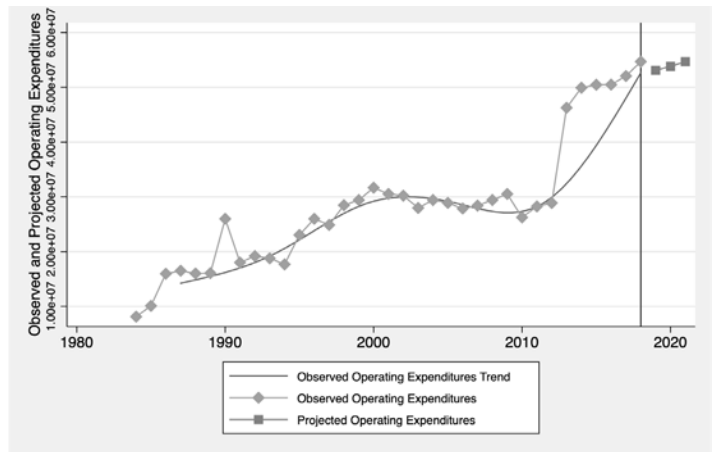
Mississippi Observed and Projected Labor

STATE SPECIFIC TRENDS • MISSOURI

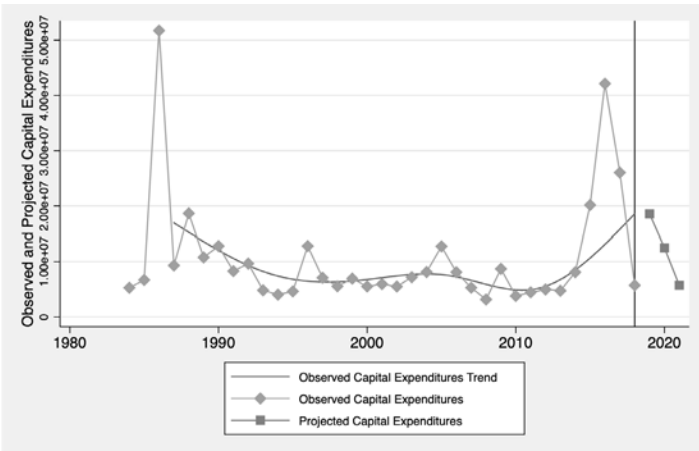
Variable	Total	Total Per Acre
Attendance (visits)	22,142,186	138
Attendance (visitor-hours)	66,692,264	416
Operating Expenditures	54,673,208	341
Capital Expenditures	5,724,556	36
Revenue	14,507,401	90
Labor (personnel)	661	0.004
Labor (person-hours)	1,374,880	9
Acres	160,333	-



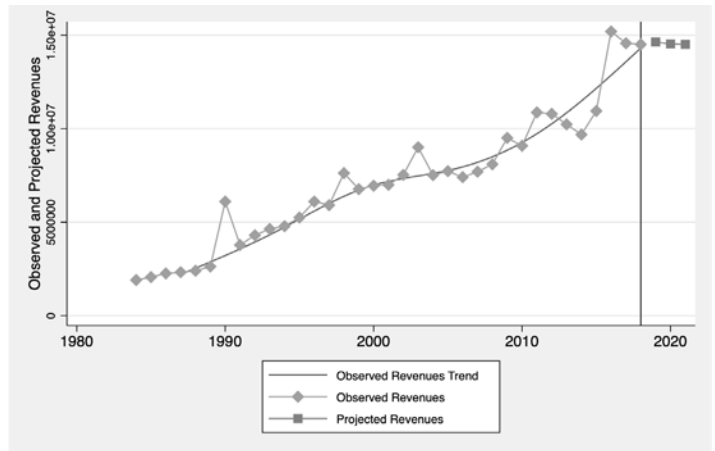
Missouri Observed and Projected Attendance



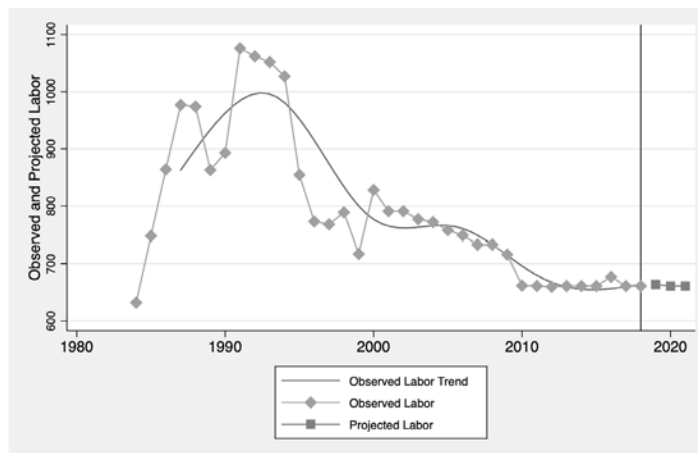
Missouri Observed and Projected Operating Expenditures



Missouri Observed and Projected Capital Expenditures



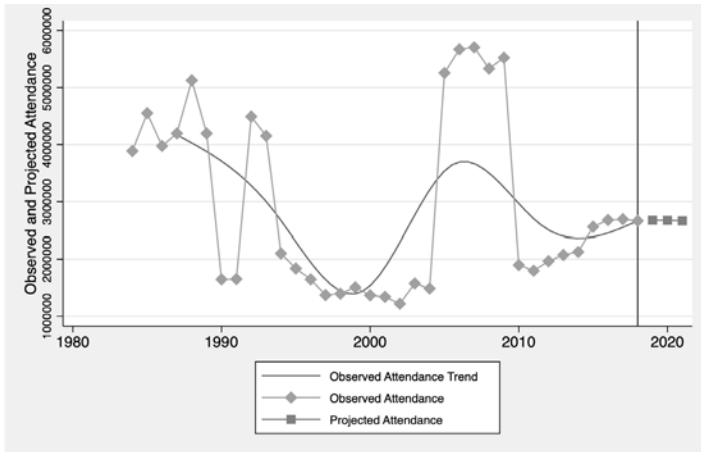
Missouri Observed and Projected Revenues



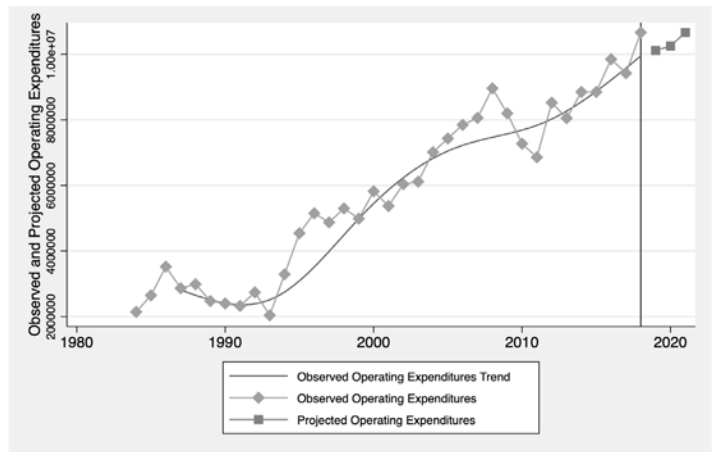
Missouri Observed and Projected Labor

STATE SPECIFIC TRENDS • MONTANA

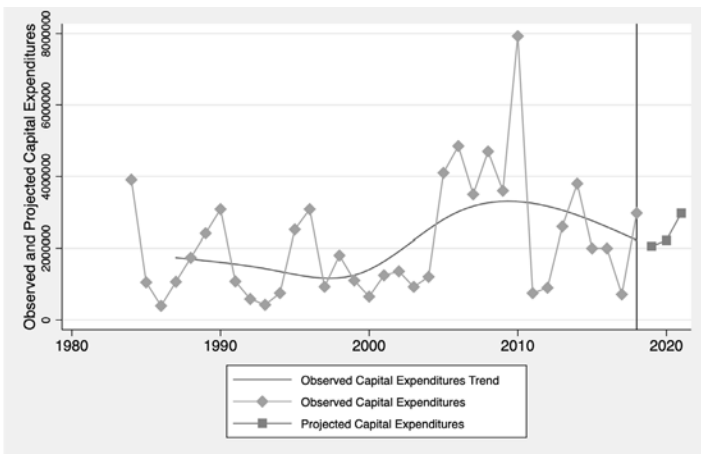
Variable	Total	Total Per Acre
Attendance (visits)	2,663,175	58
Attendance (visitor-hours)	8,021,483	174
Operating Expenditures	10,667,000	232
Capital Expenditures	2,975,000	65
Revenue	2,469,357	54
Labor (personnel)	212	0.005
Labor (person-hours)	440,960	10
Acres	46,035	-



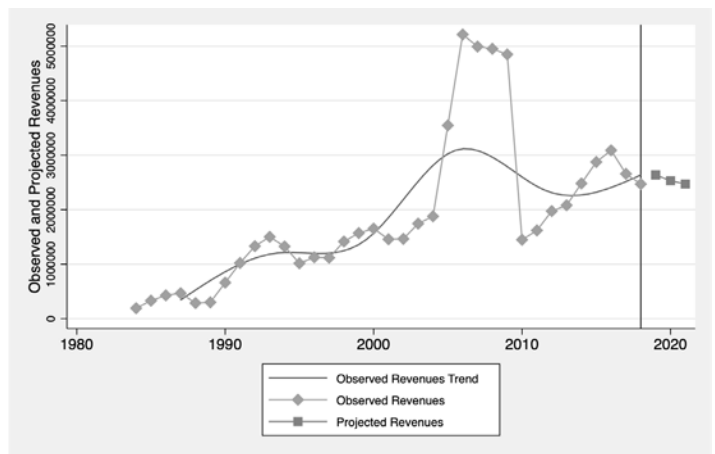
Montana Observed and Projected Attendance



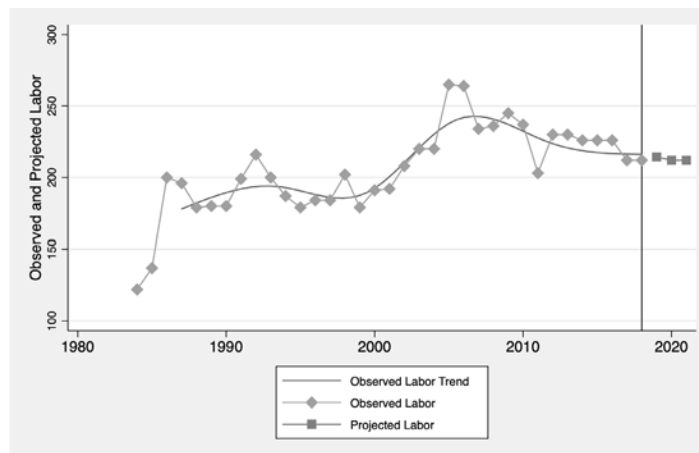
Montana Observed and Projected Operating Expenditures



Montana Observed and Projected Capital Expenditures



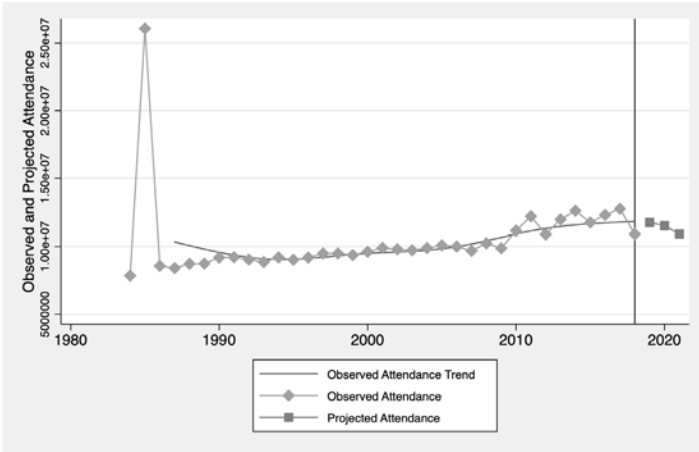
Montana Observed and Projected Revenues



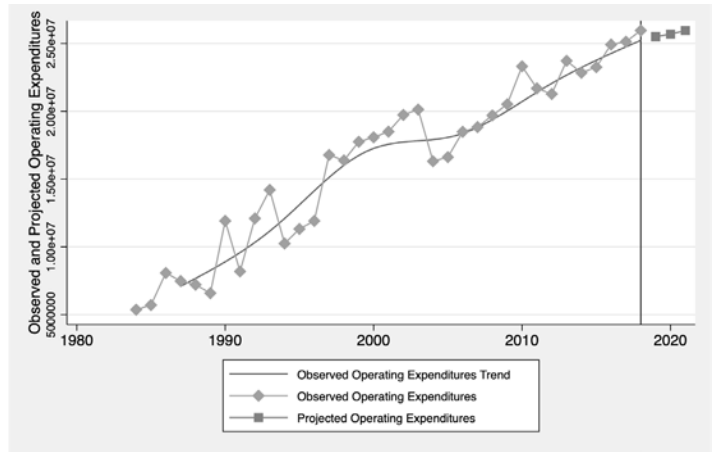
Montana Observed and Projected Labor

STATE SPECIFIC TRENDS • NEBRASKA

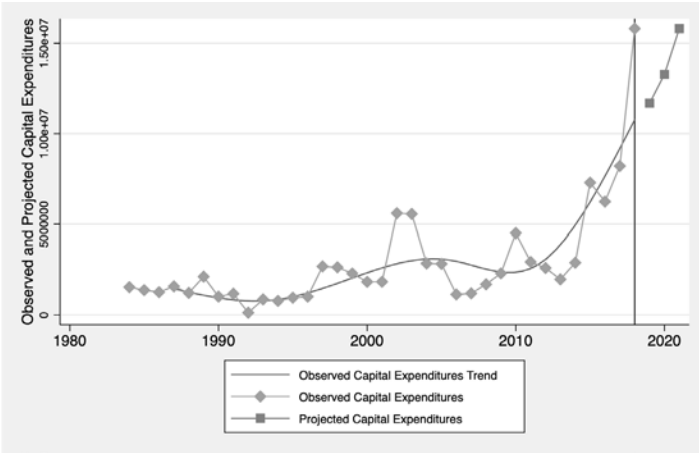
Variable	Total	Total Per Acre
Attendance (visits)	10,893,836	64
Attendance (visitor-hours)	32,812,234	193
Operating Expenditures	25,960,816	153
Capital Expenditures	15,815,867	93
Revenue	35,285,900	207
Labor (personnel)	1,015	0.006
Labor (person-hours)	2,111,200	12
Acres	170,207	-



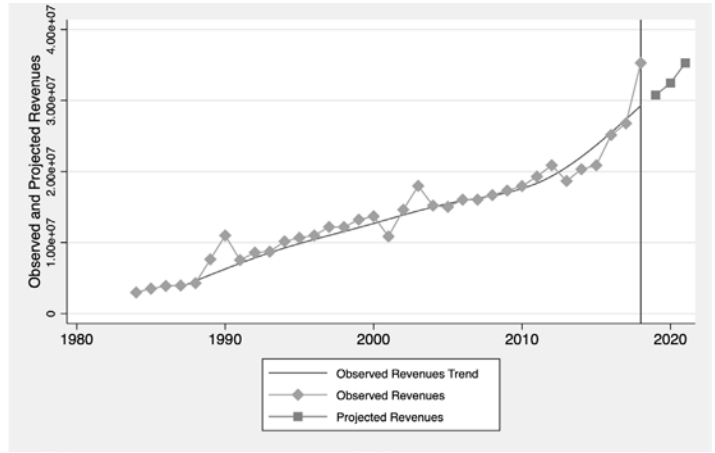
Nebraska Observed and Projected Attendance



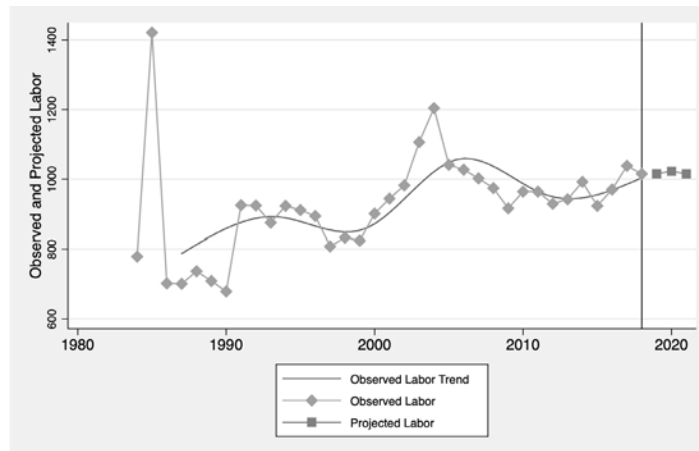
Nebraska Observed and Projected Operating Expenditures



Nebraska Observed and Projected Capital Expenditures



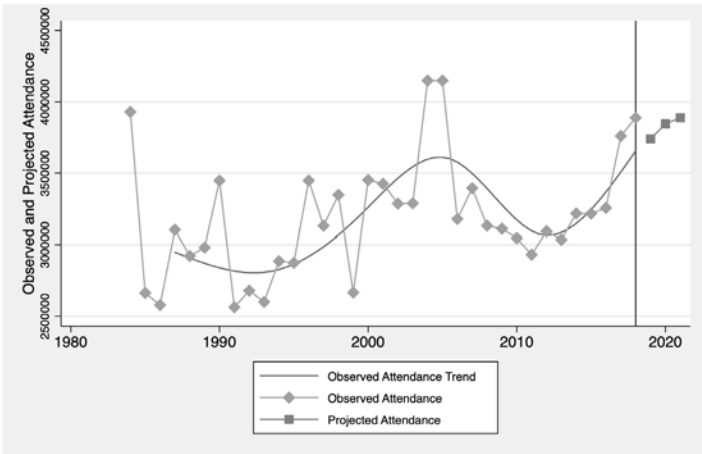
Nebraska Observed and Projected Revenues



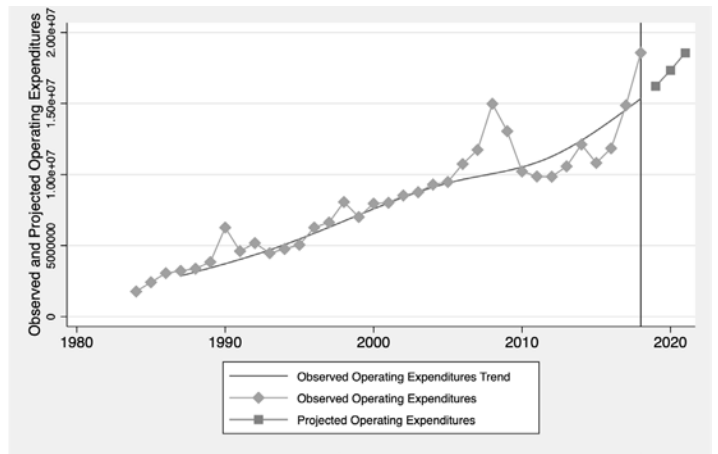
Nebraska Observed and Projected Labor

STATE SPECIFIC TRENDS • NEVADA

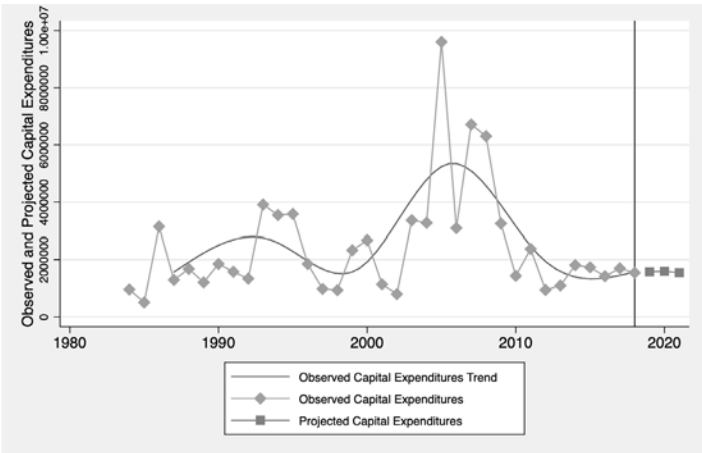
Variable	Total	Total Per Acre
Attendance (visits)	3,888,111	26
Attendance (visitor-hours)	11,710,990	77
Operating Expenditures	18,569,466	123
Capital Expenditures	1,546,995	10
Revenue	6,575,550	43
Labor (personnel)	265	0.002
Labor (person-hours)	551,200	4
Acres	151,453	--



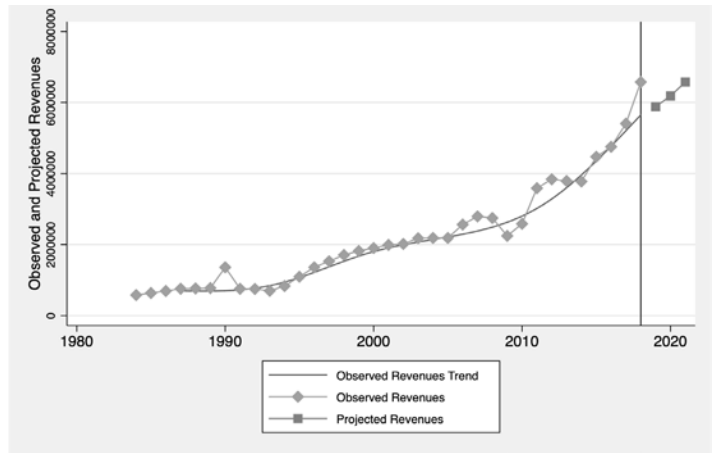
Nevada Observed and Projected Attendance



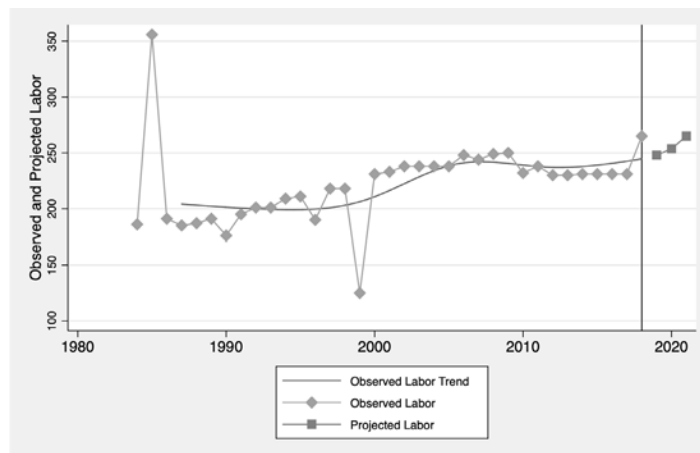
Nevada Observed and Projected Operating Expenditures



Nevada Observed and Projected Capital Expenditures



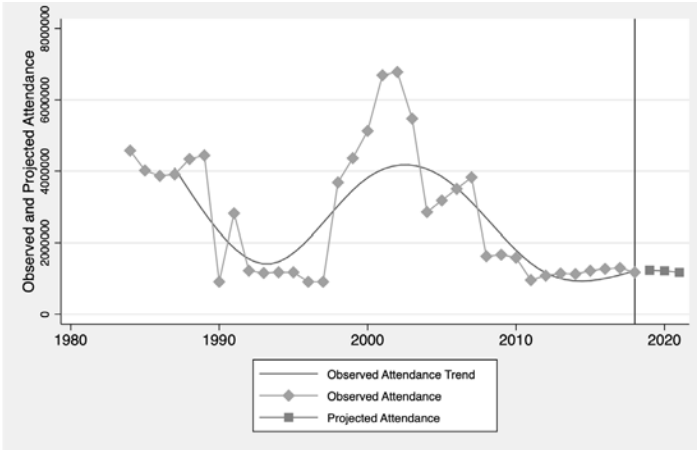
Nevada Observed and Projected Revenues



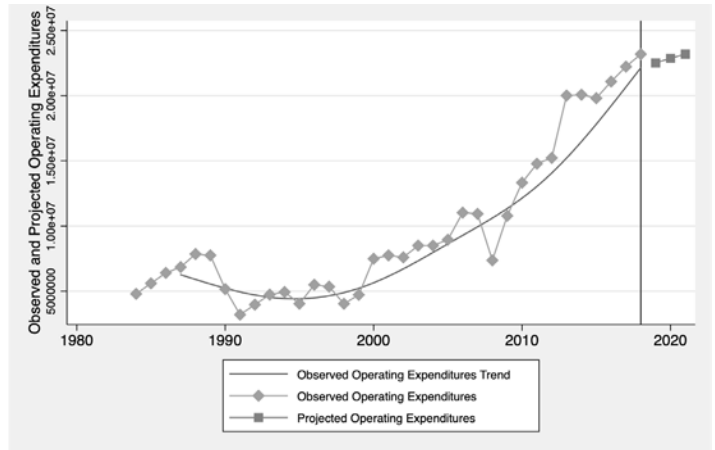
Nevada Observed and Projected Labor

STATE SPECIFIC TRENDS • NEW HAMPSHIRE

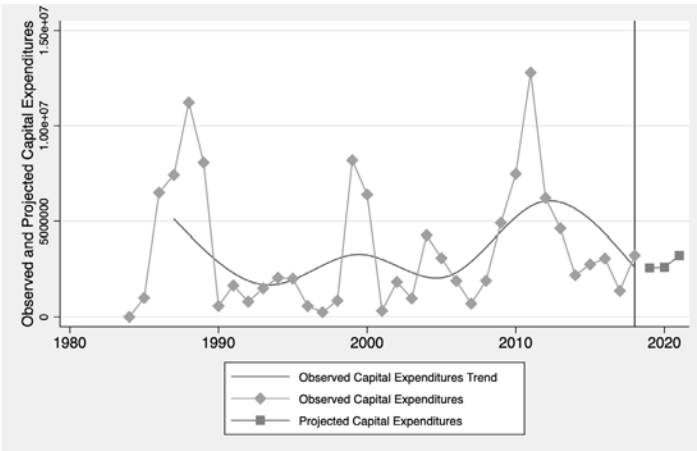
Variable	Total	Total Per Acre
Attendance (visits)	1,176,567	5
Attendance (visitor-hours)	3,543,820	15
Operating Expenditures	23,181,584	100
Capital Expenditures	3,222,836	14
Revenue	25,077,124	108
Labor (personnel)	1,039	0.004
Labor (person-hours)	2,161,120	9
Acres	231,628	--



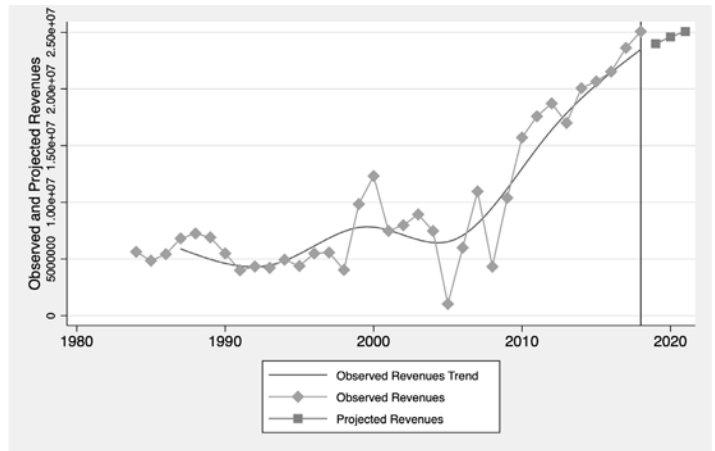
New Hampshire Observed and Projected Attendance



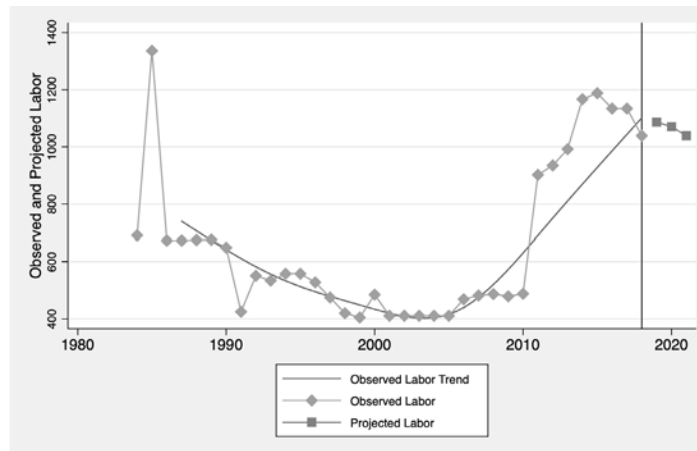
New Hampshire Observed and Projected Operating Expenditures



New Hampshire Observed and Projected Capital Expenditures



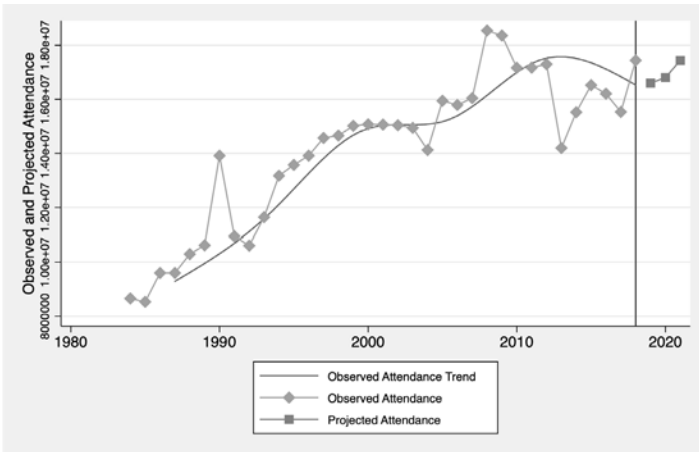
New Hampshire Observed and Projected Revenues



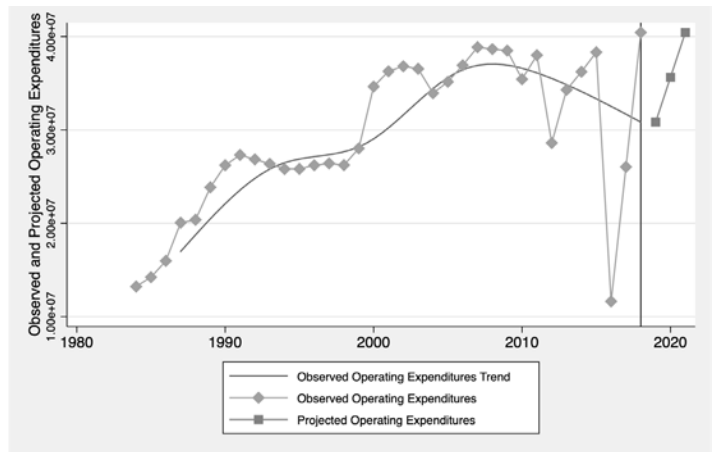
New Hampshire Observed and Projected Labor

STATE SPECIFIC TRENDS • NEW JERSEY

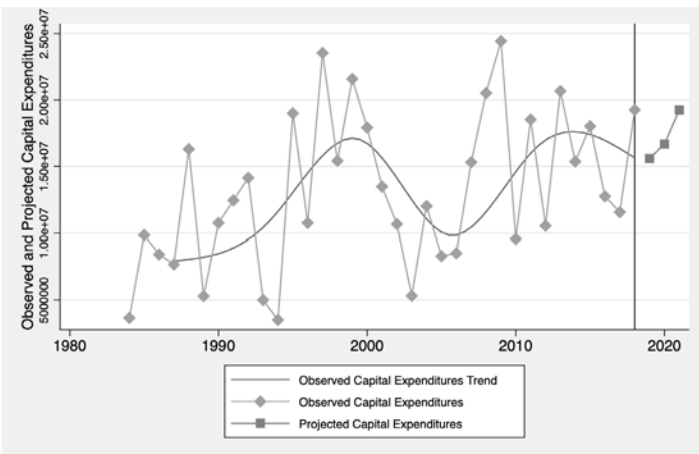
Variable	Total	Total Per Acre
Attendance (visits)	17,437,697	38
Attendance (visitor-hours)	52,522,344	116
Operating Expenditures	40,449,652	89
Capital Expenditures	19,252,000	42
Revenue	13,989,197	31
Labor (personnel)	1,230	0.003
Labor (person-hours)	2,558,400	6
Acres	454,637	--



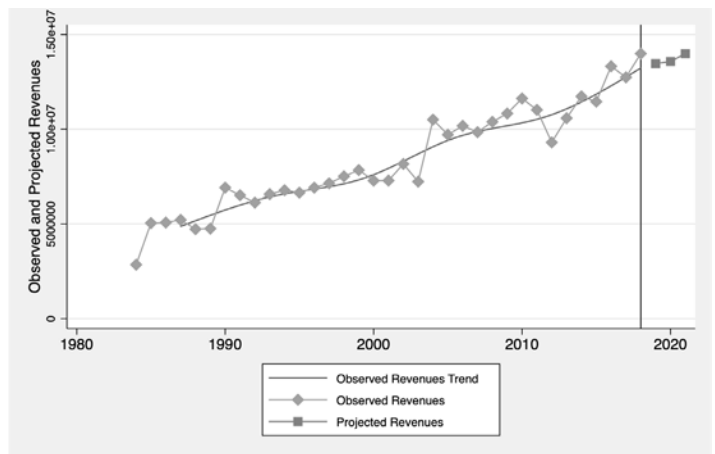
New Jersey Observed and Projected Attendance



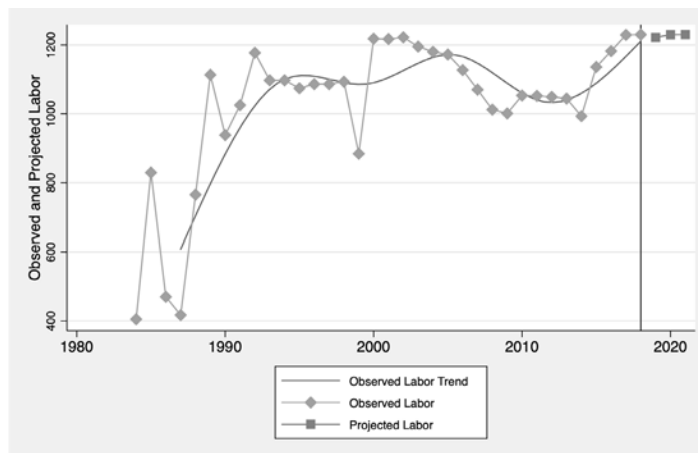
New Jersey Observed and Projected Operating Expenditures



New Jersey Observed and Projected Capital Expenditures



New Jersey Observed and Projected Revenues

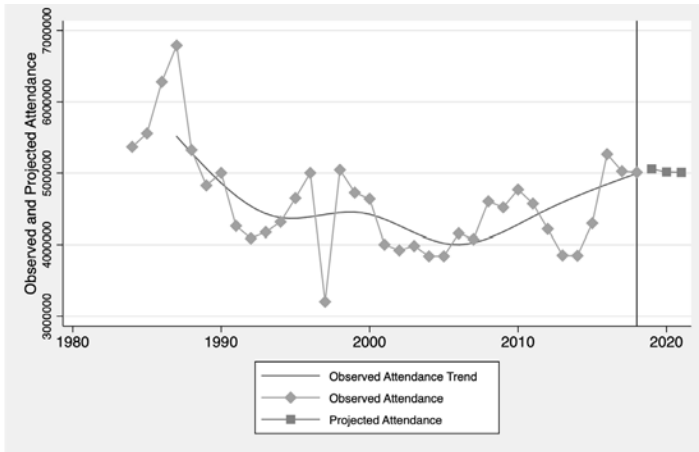


New Jersey Observed and Projected Labor

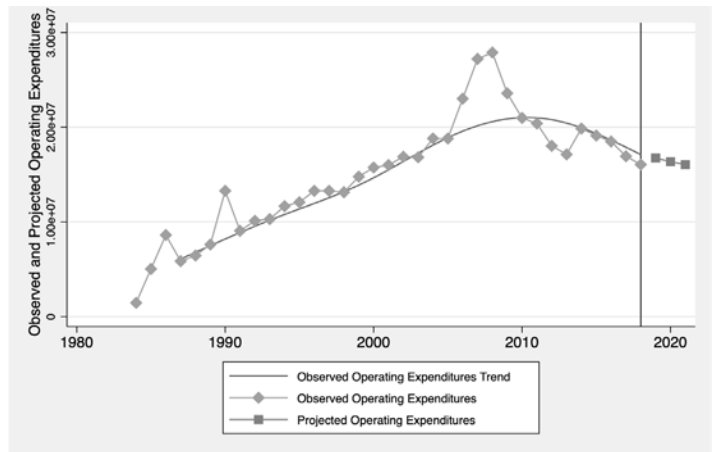
STATE SPECIFIC TRENDS • NEW MEXICO

Table 33. Vital statistics for New Mexico's State Park System in 2018

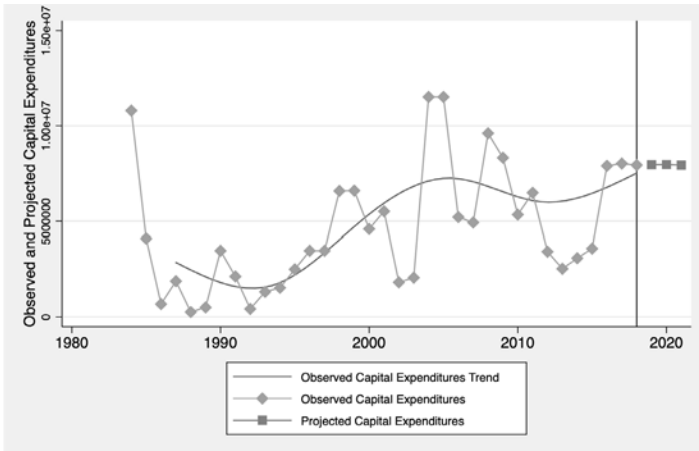
Variable	Total	Total Per Acre
Attendance (visits)	5,009,789	26
Attendance (visitor-hours)	15,089,484	79
Operating Expenditures	16,053,277	84
Capital Expenditures	7,938,086	41
Revenue	6,124,015	32
Labor (personnel)	235	0.001
Labor (person-hours)	488,800	3
Acres	191,587	--



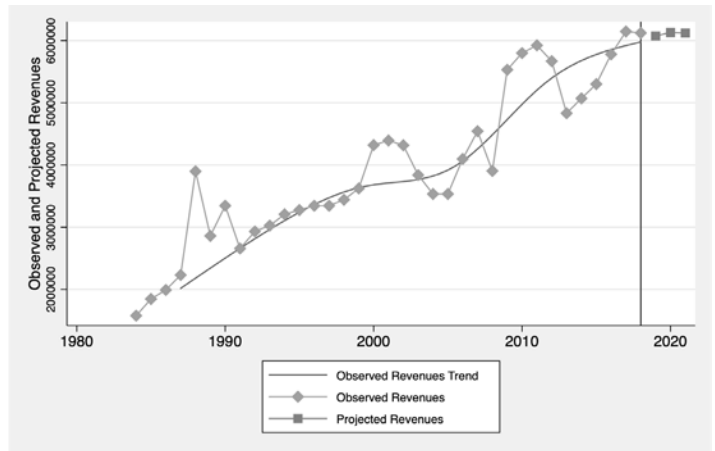
New Mexico Observed and Projected Attendance



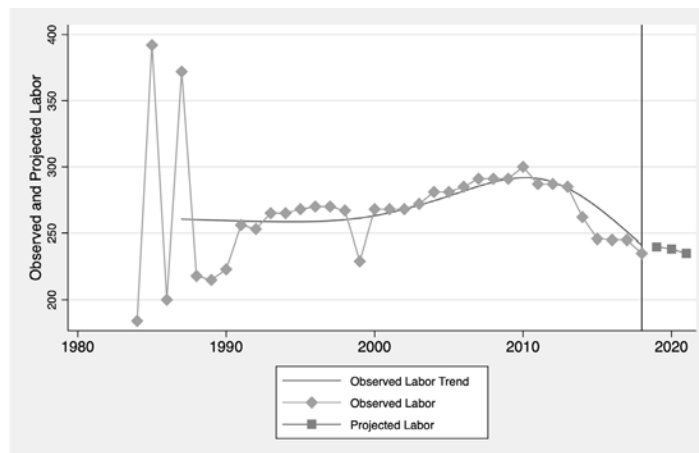
New Mexico Observed and Projected Operating Expenditures



New Mexico Observed and Projected Capital Expenditures



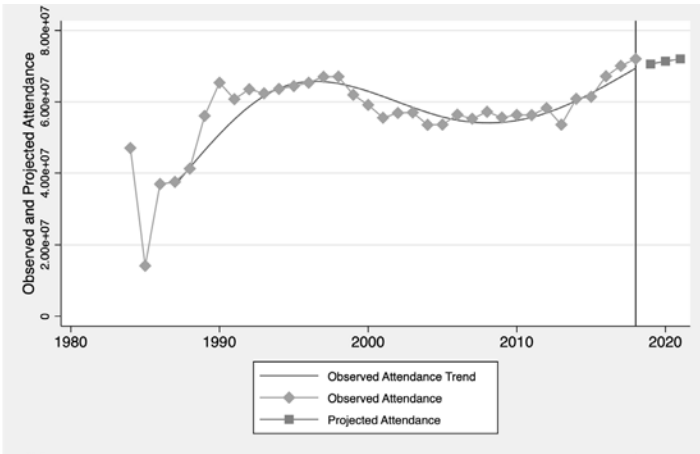
New Mexico Observed and Projected Revenues



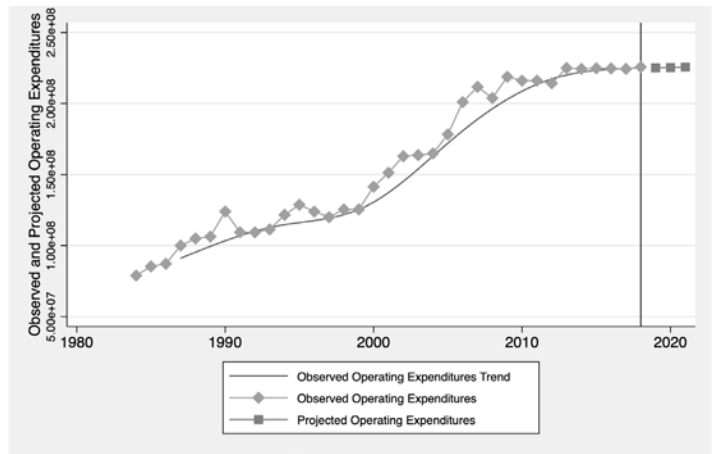
New Mexico Observed and Projected Labor

STATE SPECIFIC TRENDS • NEW YORK

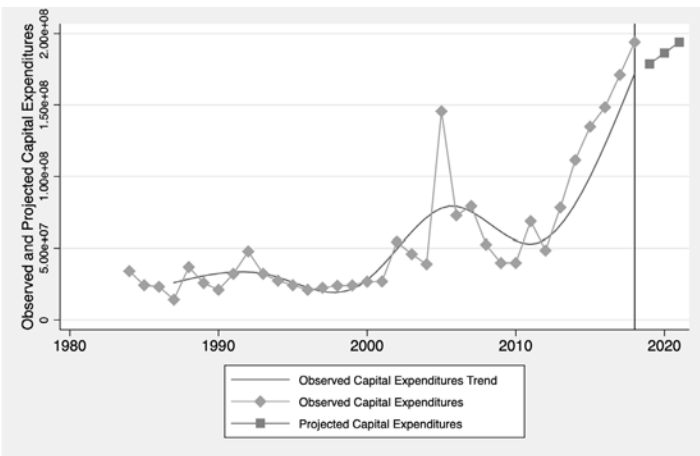
Variable	Total	Total Per Acre
Attendance (visits)	72,031,539	17
Attendance (visitor-hours)	216,958,992	50
Operating Expenditures	225,675,008	52
Capital Expenditures	194,004,672	45
Revenue	107,004,040	25
Labor (personnel)	6,598	0.002
Labor (person-hours)	13,723,840	3
Acres	4,318,328	—



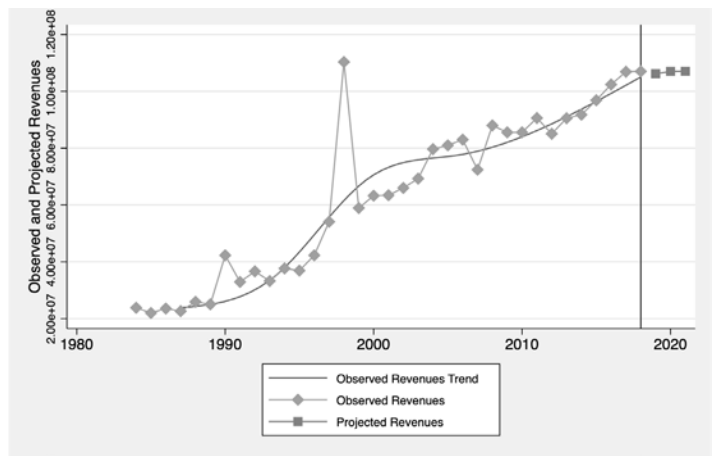
New York Observed and Projected Attendance



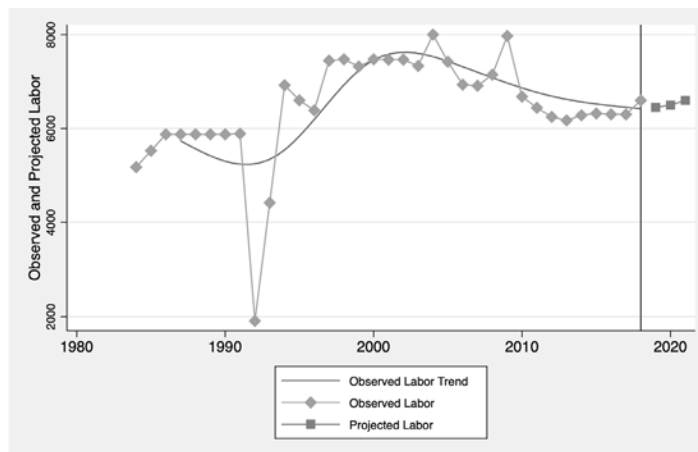
New York Observed and Projected Operating Expenditures



New York Observed and Projected Capital Expenditures



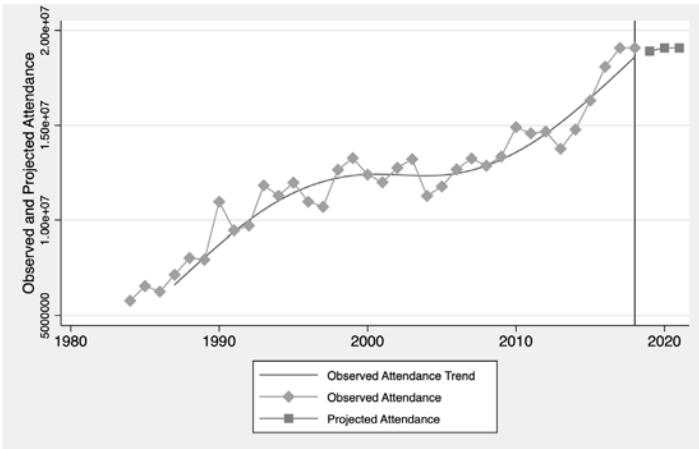
New York Observed and Projected Revenues



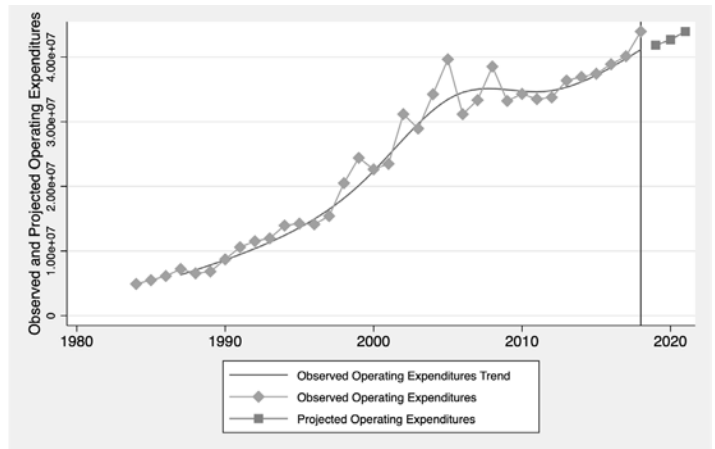
New York Observed and Projected Labor

STATE SPECIFIC TRENDS • NORTH CAROLINA

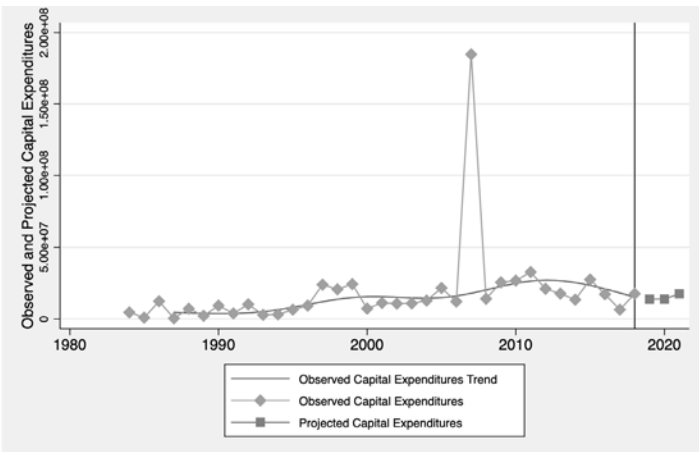
Variable	Total	Total Per Acre
Attendance (visits)	19,077,563	81
Attendance (visitor-hours)	57,461,620	245
Operating Expenditures	43,967,004	187
Capital Expenditures	17,588,540	75
Revenue	11,042,540	47
Labor (personnel)	1,257	0.005
Labor (person-hours)	2,614,560	11
Acres	234,976	--



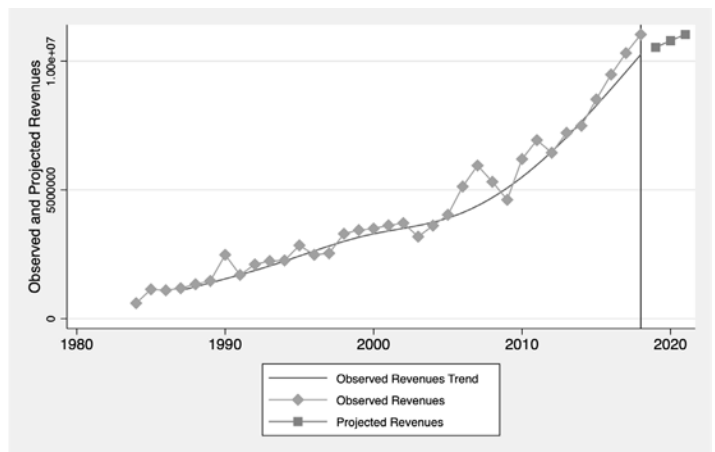
North Carolina Observed and Projected Attendance



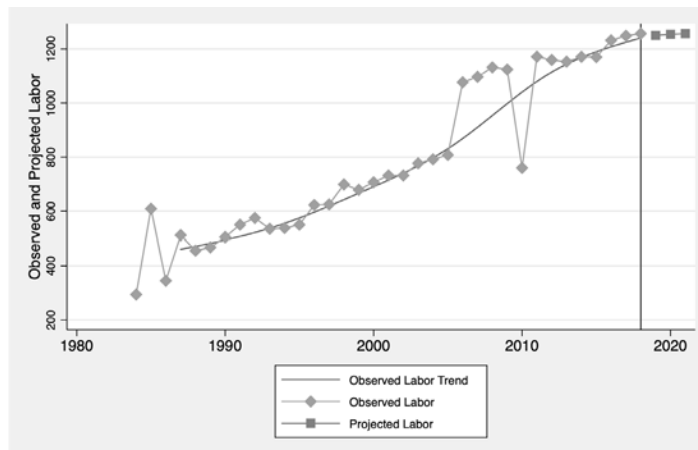
North Carolina Observed and Projected Operating Expenditures



North Carolina Observed and Projected Capital Expenditures



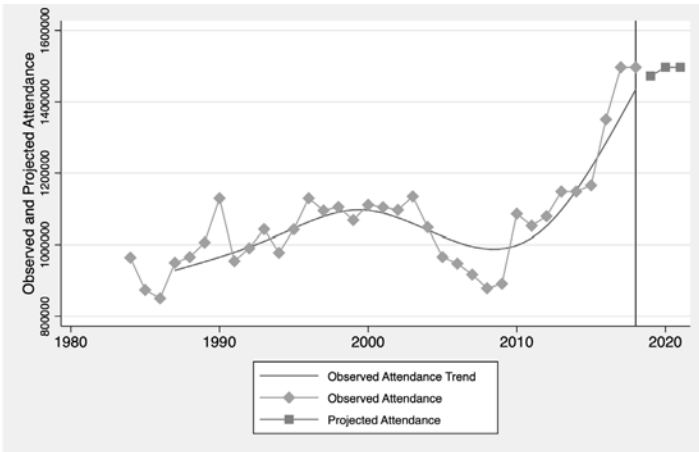
North Carolina Observed and Projected Revenues



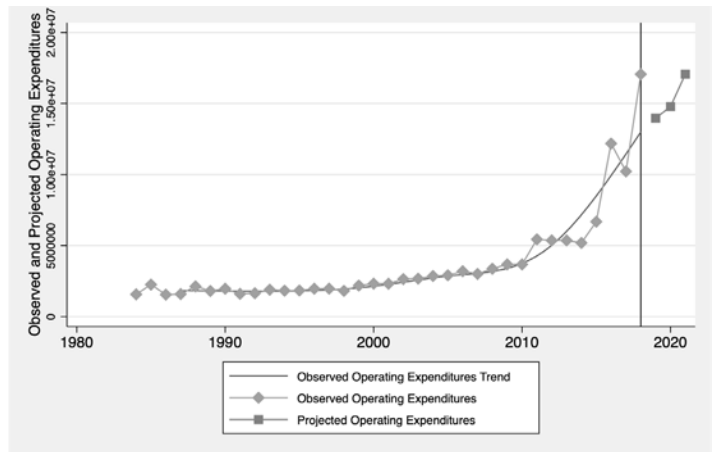
North Carolina Observed and Projected Labor

STATE SPECIFIC TRENDS • NORTH DAKOTA

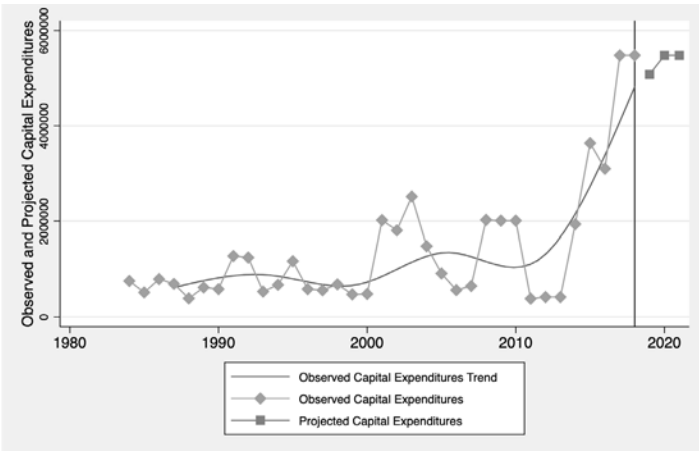
Variable	Total	Total Per Acre
Attendance (visits)	1,496,766	43
Attendance (visitor-hours)	4,508,259	129
Operating Expenditures	17,061,738	487
Capital Expenditures	5,479,292	157
Revenue	3,866,985	110
Labor (personnel)	268	0.008
Labor (person-hours)	557,440	16
Acres	35,010	--



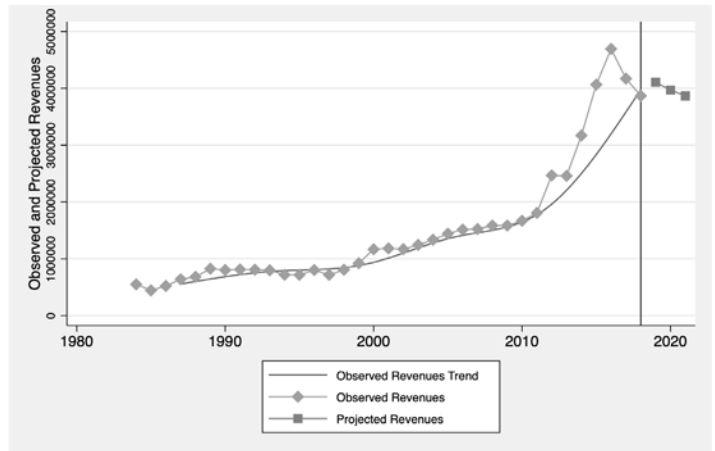
North Dakota Observed and Projected Attendance



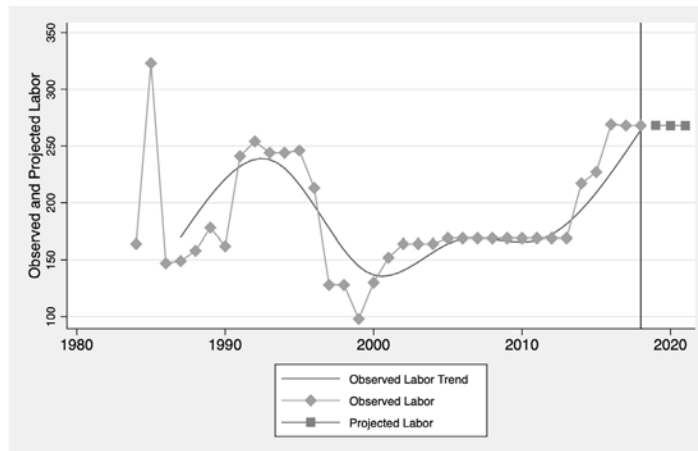
North Dakota Observed and Projected Operating Expenditures



North Dakota Observed and Projected Capital Expenditures



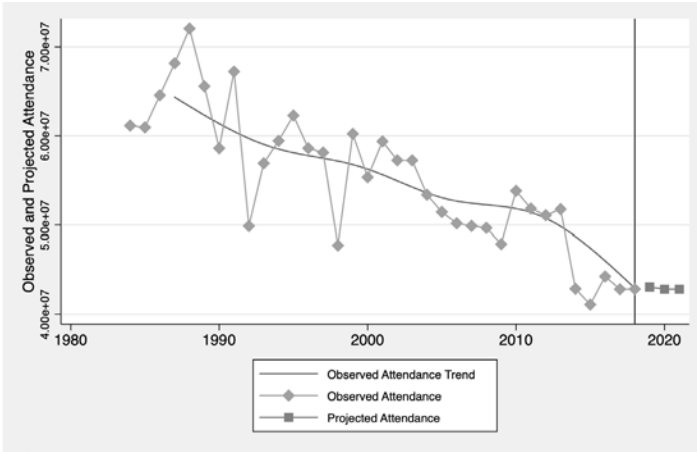
North Dakota Observed and Projected Revenues



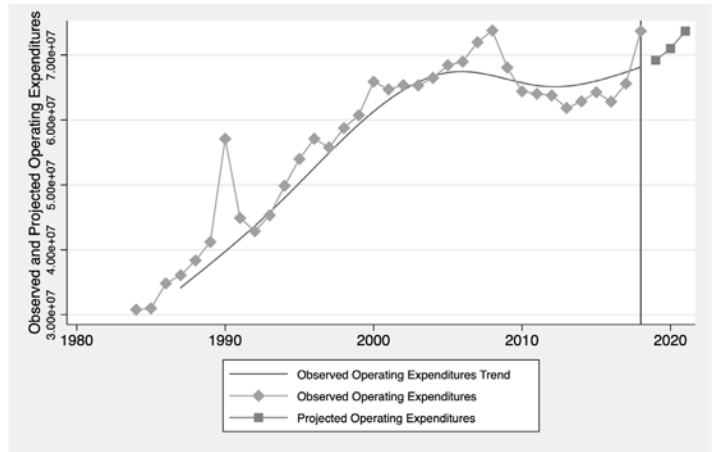
North Dakota Observed and Projected Labor

STATE SPECIFIC TRENDS • OHIO

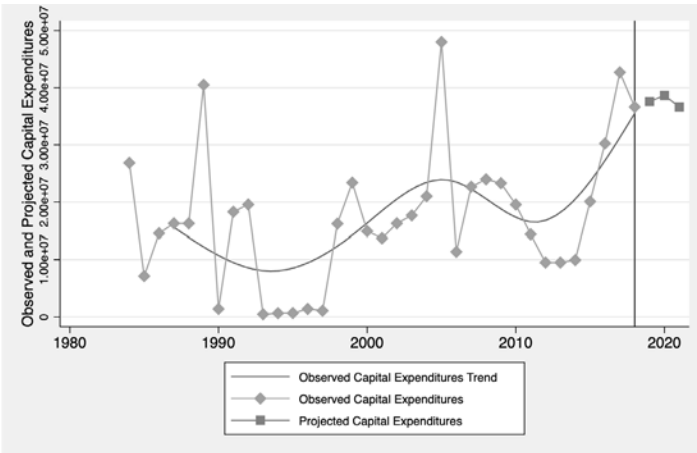
Variable	Total	Total Per Acre
Attendance (visits)	42,831,130	245
Attendance (visitor-hours)	129,007,360	738
Operating Expenditures	73,697,552	422
Capital Expenditures	36,637,668	210
Revenue	32,025,944	183
Labor (personnel)	1,310	0.007
Labor (person-hours)	2,724,800	16
Acres	174,747	--



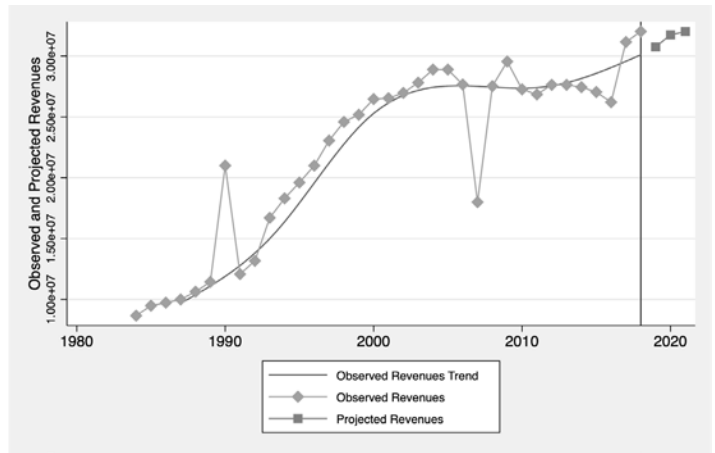
Ohio Observed and Projected Attendance



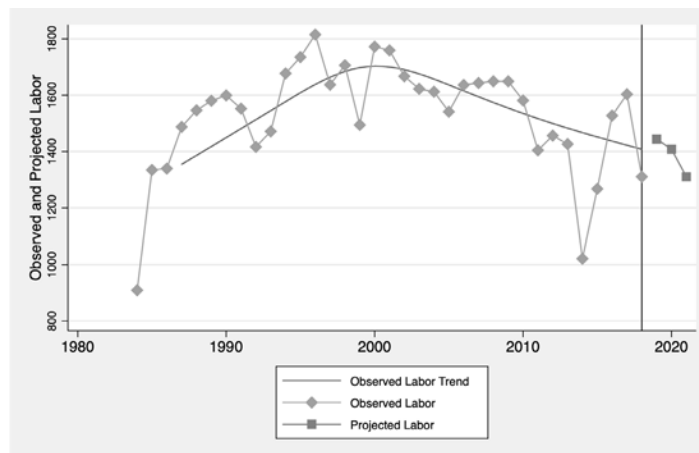
Ohio Observed and Projected Operating Expenditures



Ohio Observed and Projected Capital Expenditures



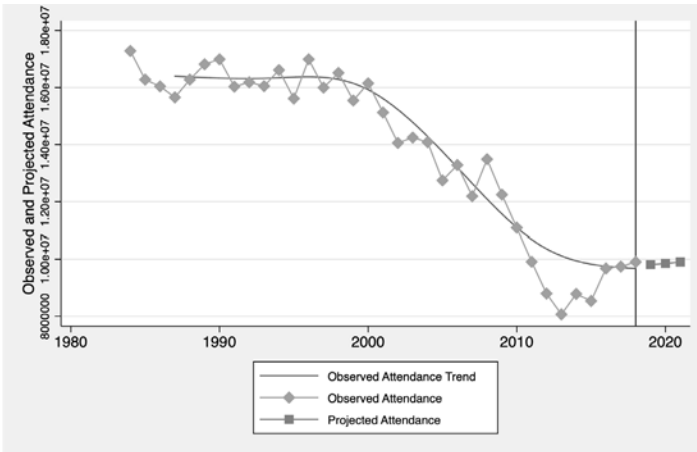
Ohio Observed and Projected Revenues



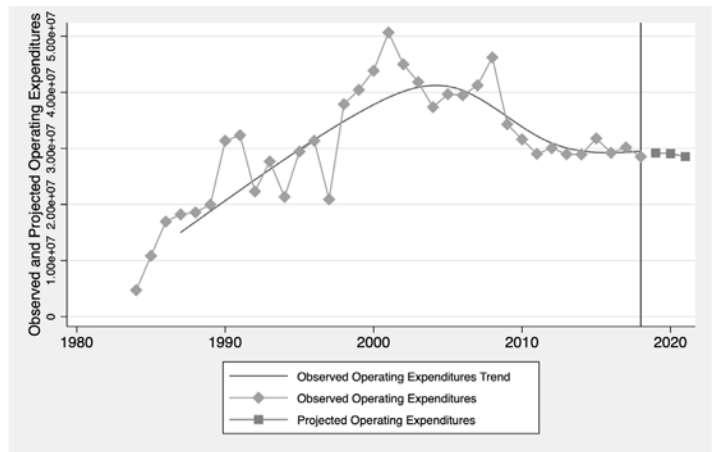
Ohio Observed and Projected Labor

STATE SPECIFIC TRENDS • OKLAHOMA

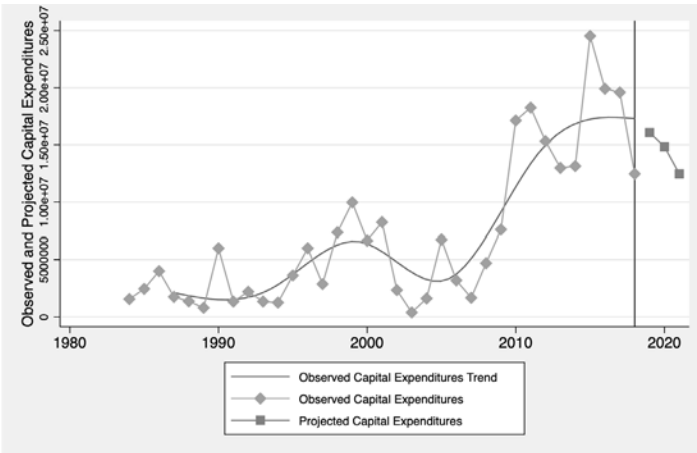
Variable	Total	Total Per Acre
Attendance (visits)	9,903,311	161
Attendance (visitor-hours)	29,828,772	485
Operating Expenditures	28,518,066	464
Capital Expenditures	12,463,949	203
Revenue	22,904,766	372
Labor (personnel)	518	0.008
Labor (person-hours)	1,077,440	18
Acres	61,508	--



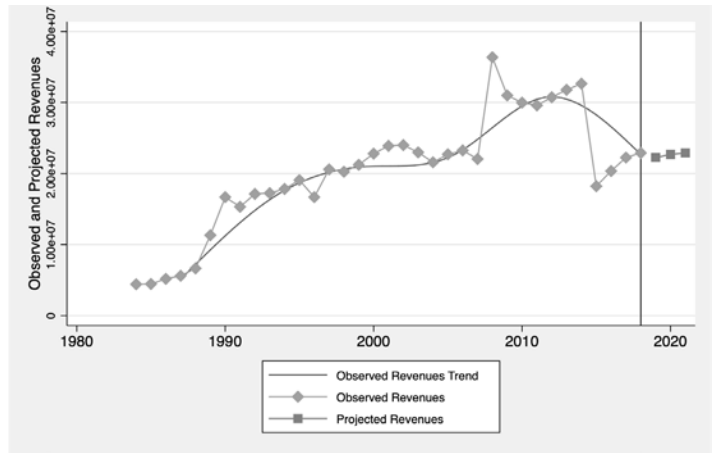
Oklahoma Observed and Projected Attendance



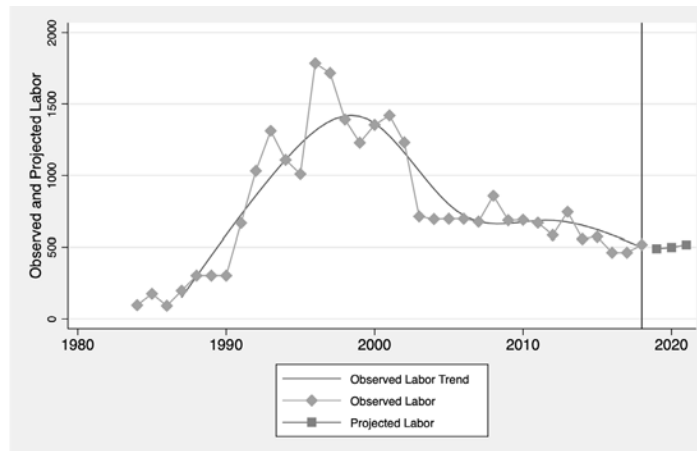
Oklahoma Observed and Projected Operating Expenditures



Oklahoma Observed and Projected Capital Expenditures



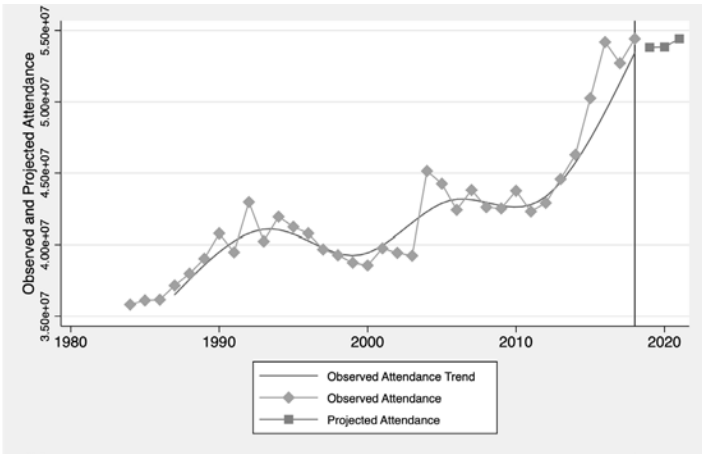
Oklahoma Observed and Projected Revenues



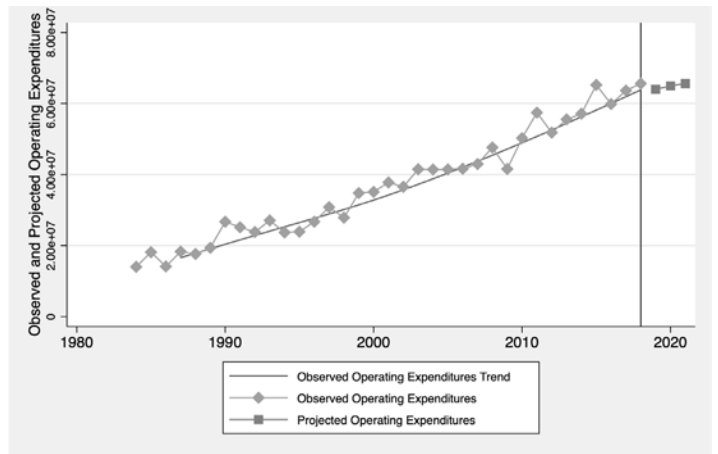
Oklahoma Observed and Projected Labor

STATE SPECIFIC TRENDS • OREGON

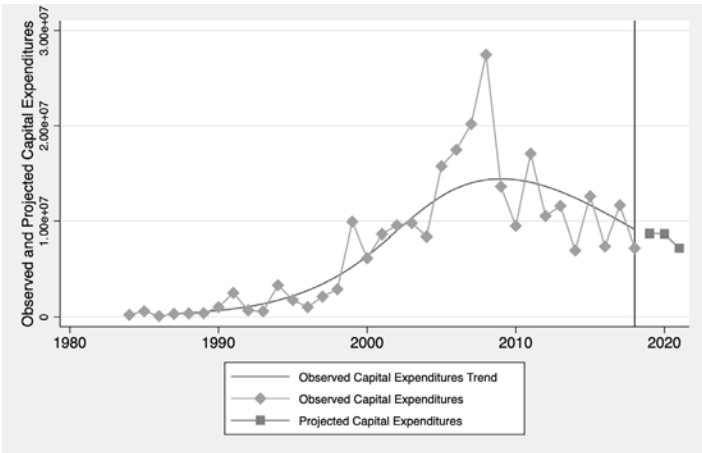
Variable	Total	Total Per Acre
Attendance (visits)	54,421,472	481
Attendance (visitor-hours)	163,917,472	1,449
Operating Expenditures	65,612,440	580
Capital Expenditures	7,211,603	64
Revenue	31,261,372	276
Labor (personnel)	828	0.007
Labor (person-hours)	1,722,240	15
Acres	113,157	--



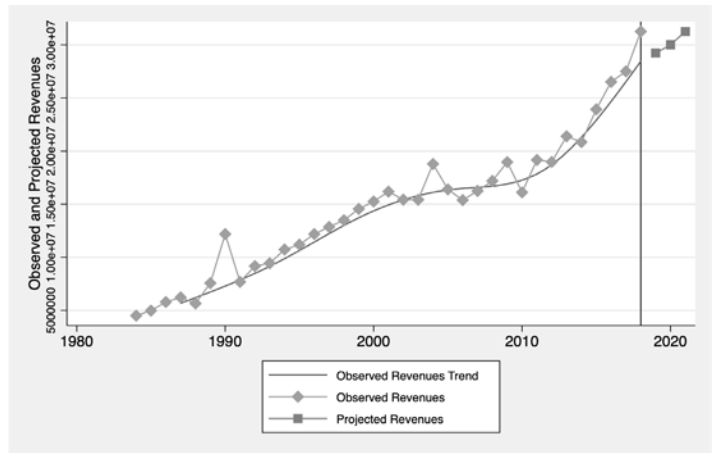
Oregon Observed and Projected Attendance



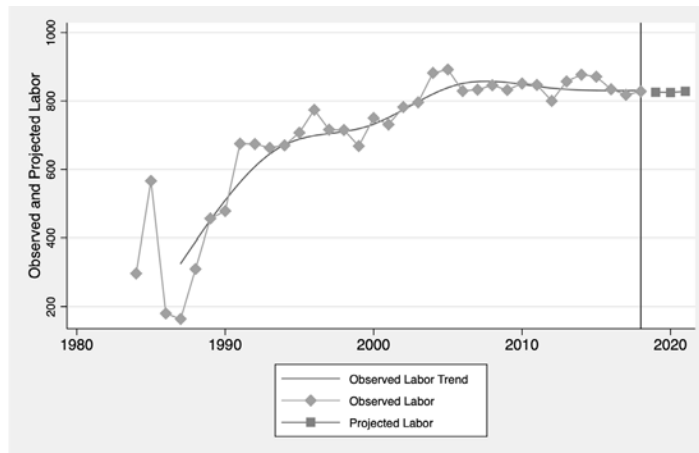
Oregon Observed and Projected Operating Expenditures



Oregon Observed and Projected Capital Expenditures



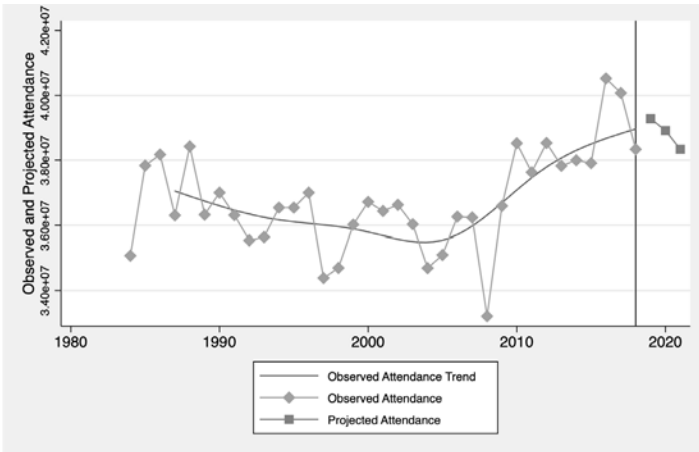
Oregon Observed and Projected Revenues



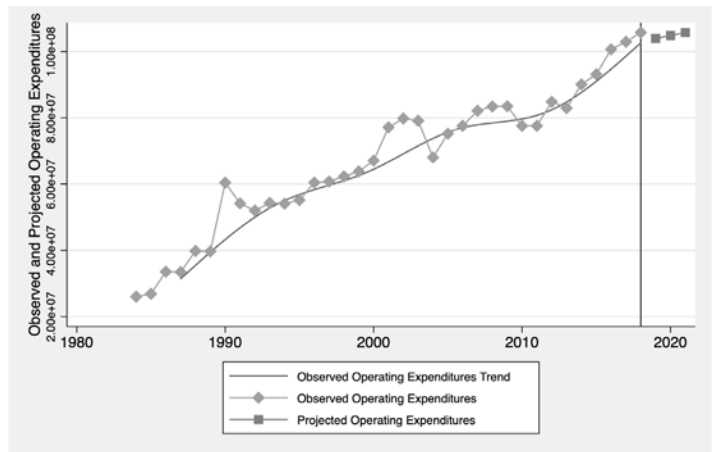
Oregon Observed and Projected Labor

STATE SPECIFIC TRENDS • PENNSYLVANIA

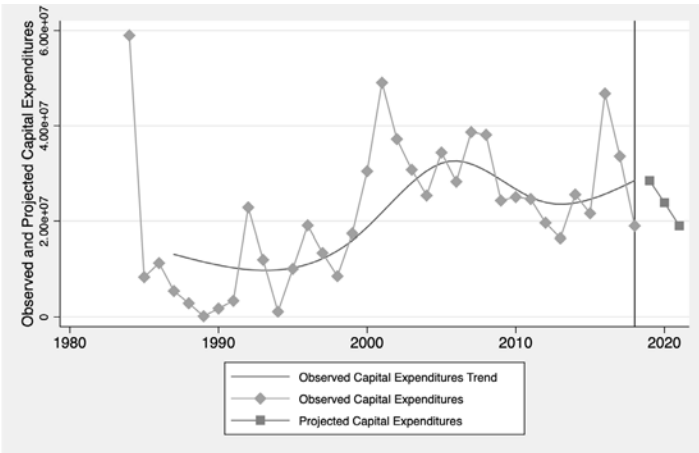
Variable	Total	Total Per Acre
Attendance (visits)	38,338,408	130
Attendance (visitor-hours)	115,475,288	391
Operating Expenditures	105,761,000	358
Capital Expenditures	19,000,000	64
Revenue	25,916,980	88
Labor (personnel)	1,531	0.005
Labor (person-hours)	3,184,480	11
Acres	295,172	—



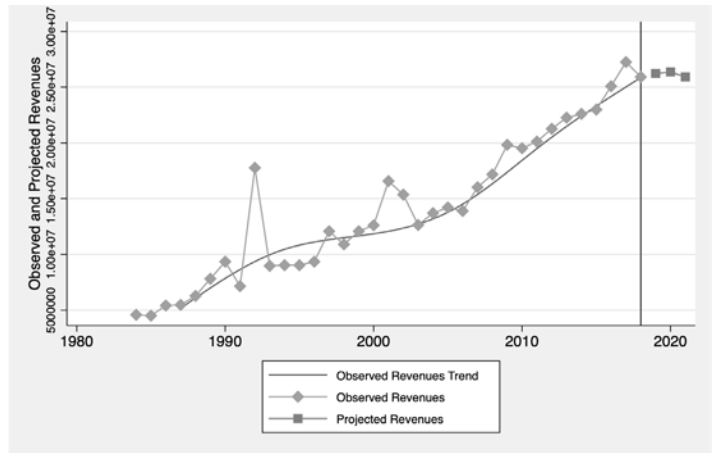
Pennsylvania Observed and Projected Attendance



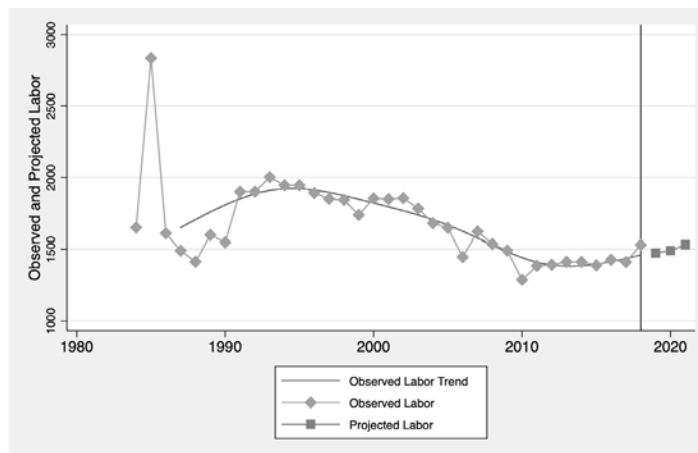
Pennsylvania Observed and Projected Operating Expenditures



Pennsylvania Observed and Projected Capital Expenditures



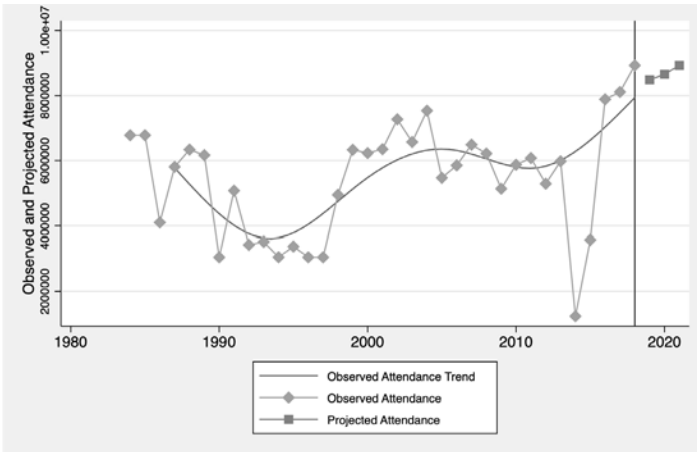
Pennsylvania Observed and Projected Revenues



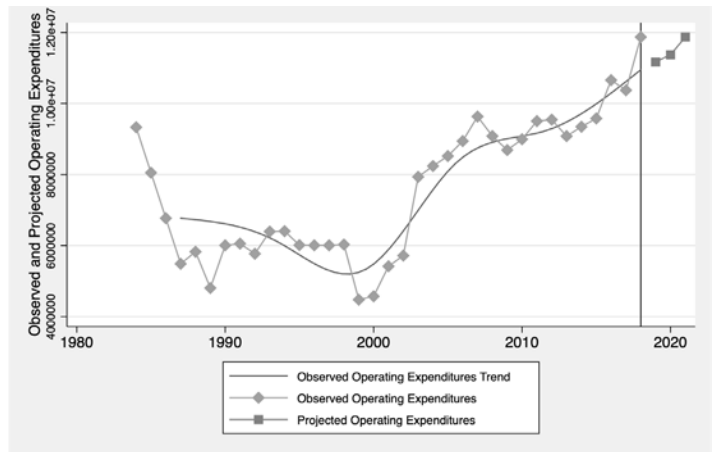
Pennsylvania Observed and Projected Labor

STATE SPECIFIC TRENDS • RHODE ISLAND

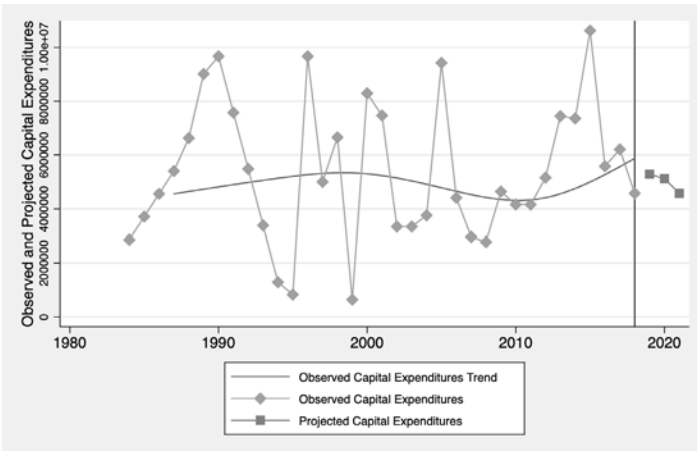
Table 41. Vital statistics for Rhode Island's State Park System in 2018		
Variable	Total	Total Per Acre
Attendance (visits)	8,927,843	912
Attendance (visitor-hours)	26,890,664	2,747
Operating Expenditures	11,871,876	1,213
Capital Expenditures	4,575,092	467
Revenue	5,444,098	556
Labor (personnel)	497	0.051
Labor (person-hours)	1,033,760	106
Acres	9,790	-



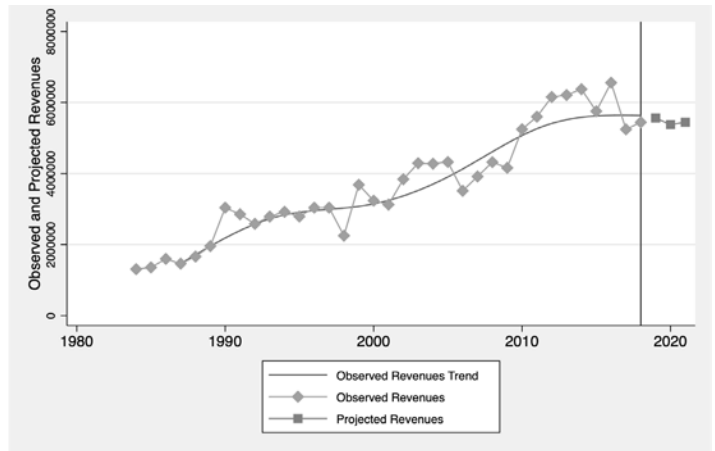
Rhode Island Observed and Projected Attendance



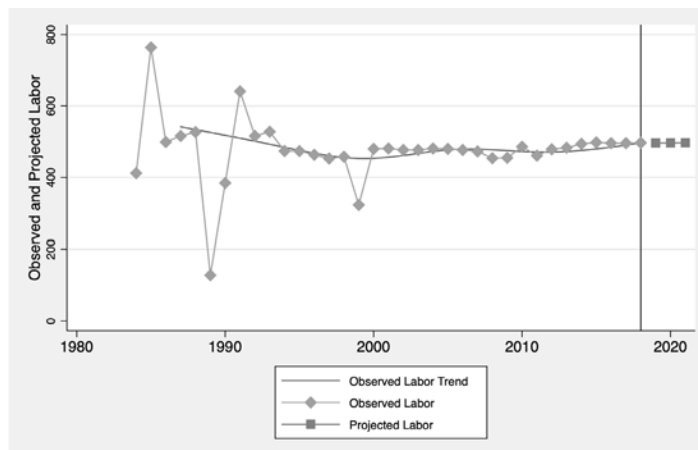
Rhode Island Observed and Projected Operating Expenditures



Rhode Island Observed and Projected Capital Expenditures



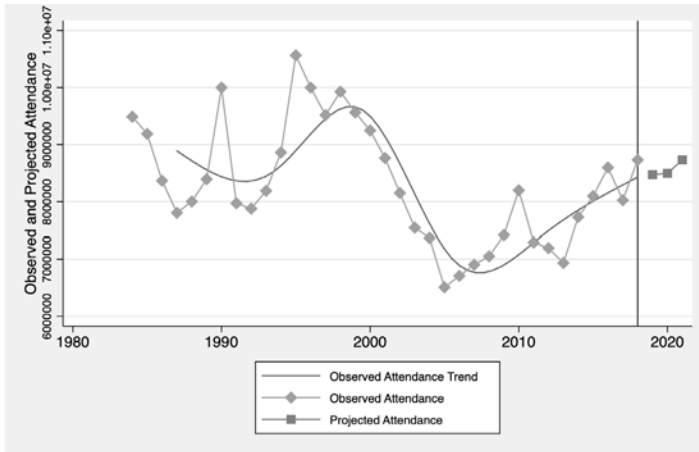
Rhode Island Observed and Projected Revenues



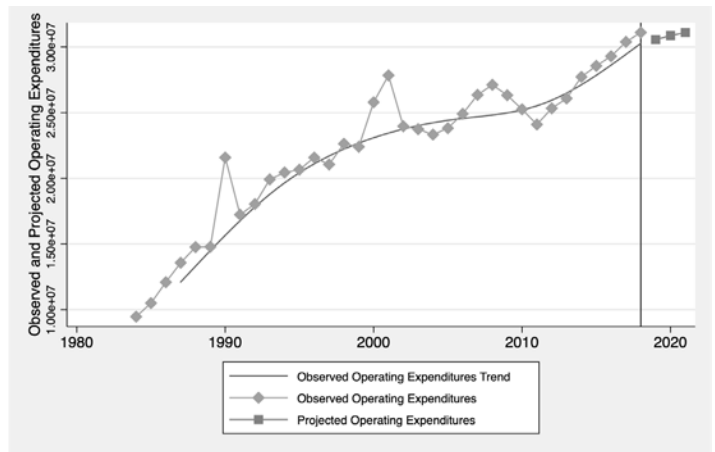
Rhode Island Observed and Projected Labor

STATE SPECIFIC TRENDS • SOUTH CAROLINA

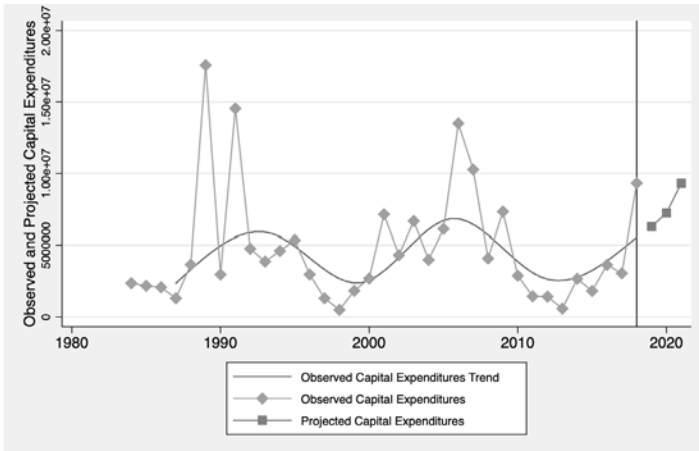
Variable	Total	Total Per Acre
Attendance (visits)	8,730,516	114
Attendance (visitor-hours)	26,296,314	343
Operating Expenditures	31,111,736	405
Capital Expenditures	9,322,712	122
Revenue	30,683,592	400
Labor (personnel)	655	0.009
Labor (person-hours)	1,362,400	18
Acres	76,727	-



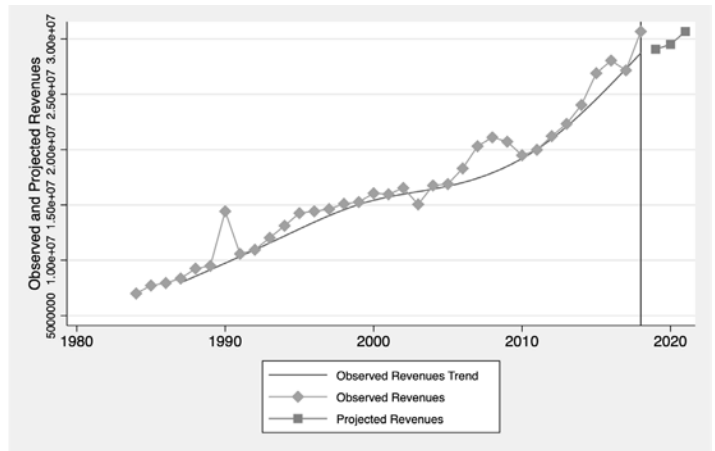
South Carolina Observed and Projected Attendance



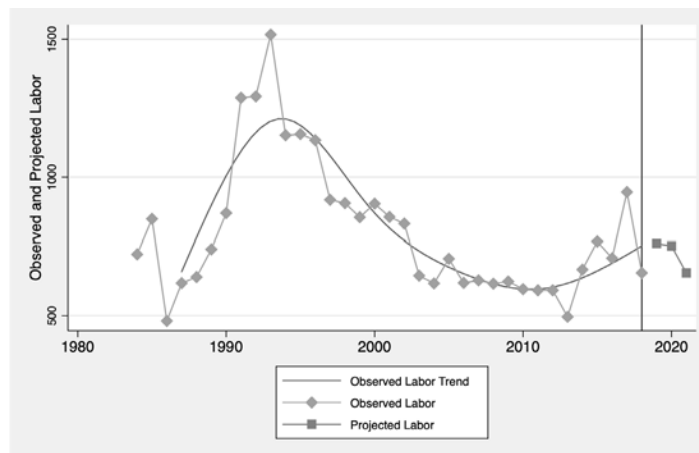
South Carolina Observed and Projected Operating Expenditures



South Carolina Observed and Projected Capital Expenditures



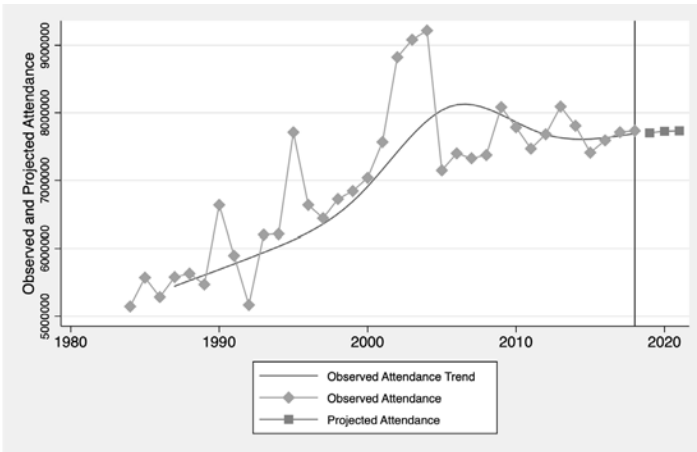
South Carolina Observed and Projected Revenues



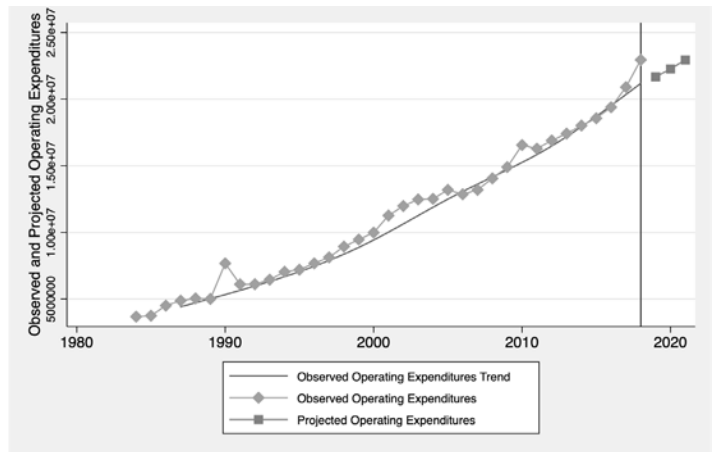
South Carolina Observed and Projected Labor

STATE SPECIFIC TRENDS • SOUTH DAKOTA

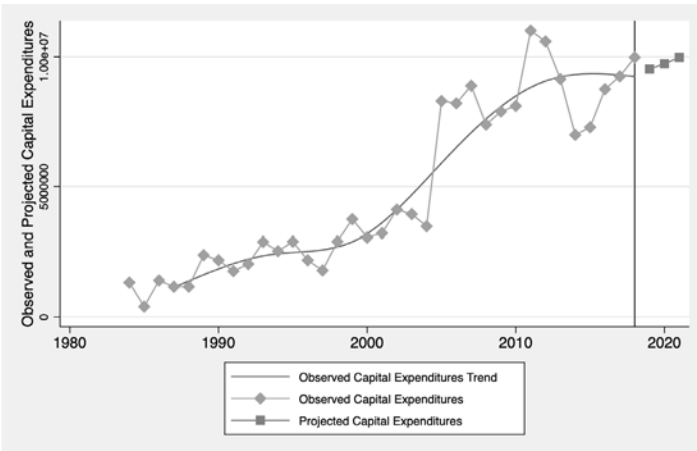
Variable	Total	Total Per Acre
Attendance (visits)	7,734,020	75
Attendance (visitor-hours)	23,294,868	227
Operating Expenditures	22,943,538	224
Capital Expenditures	9,979,880	97
Revenue	27,865,470	272
Labor (personnel)	667	0.007
Labor (person-hours)	1,387,360	14
Acres	102,573	-



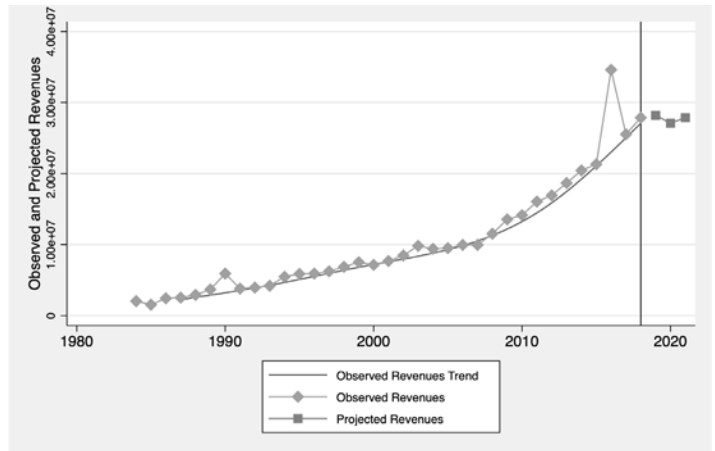
South Dakota Observed and Projected Attendance



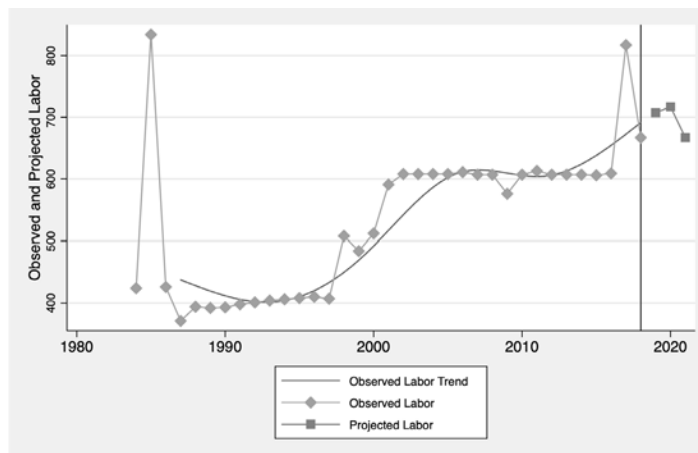
South Dakota Observed and Projected Operating Expenditures



South Dakota Observed and Projected Capital Expenditures



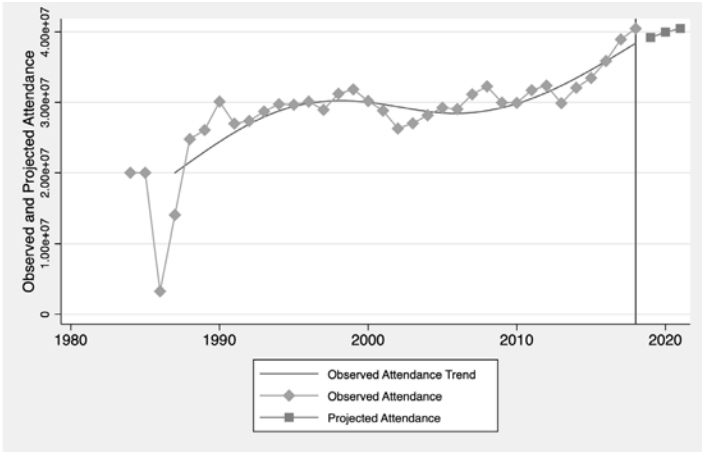
South Dakota Observed and Projected Revenues



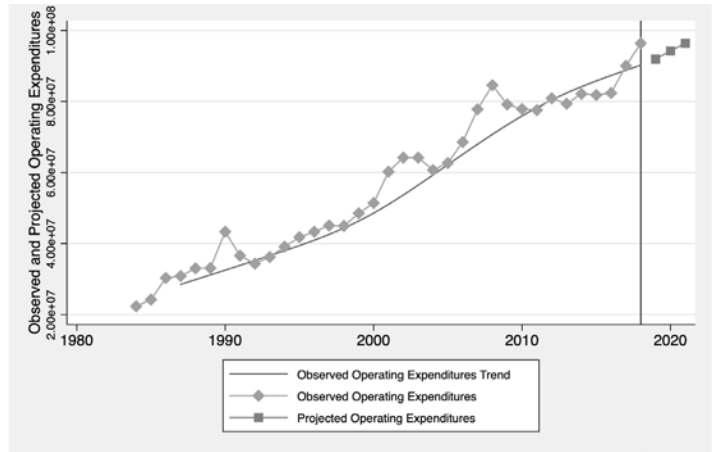
South Dakota Observed and Projected Labor

STATE SPECIFIC TRENDS • TENNESSEE

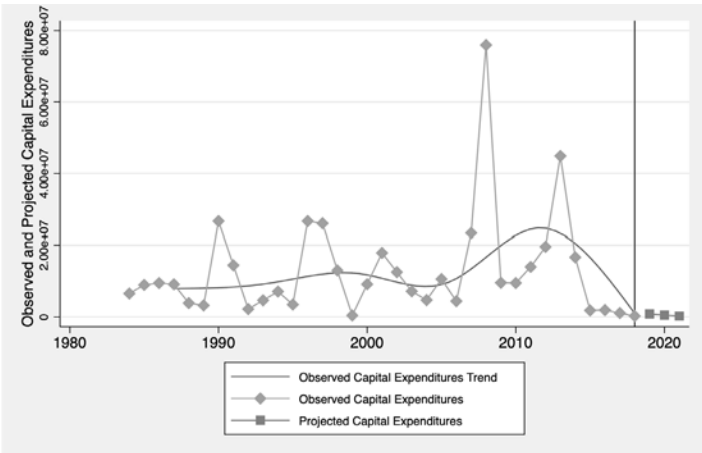
Variable	Total	Total Per Acre
Attendance (visits)	40,477,387	179
Attendance (visitor-hours)	121,917,888	538
Operating Expenditures	96,390,592	426
Capital Expenditures	251,400	1
Revenue	42,924,100	190
Labor (personnel)	1,487	0.007
Labor (person-hours)	3,092,960	14
Acres	226,472	--



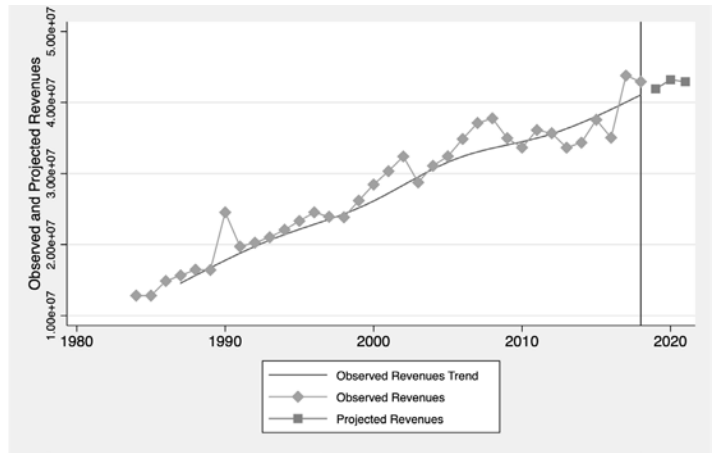
Tennessee Observed and Projected Attendance



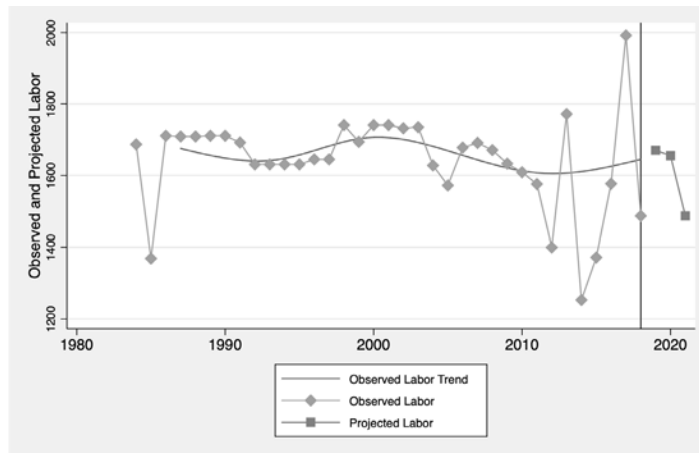
Tennessee Observed and Projected Operating Expenditures



Tennessee Observed and Projected Capital Expenditures



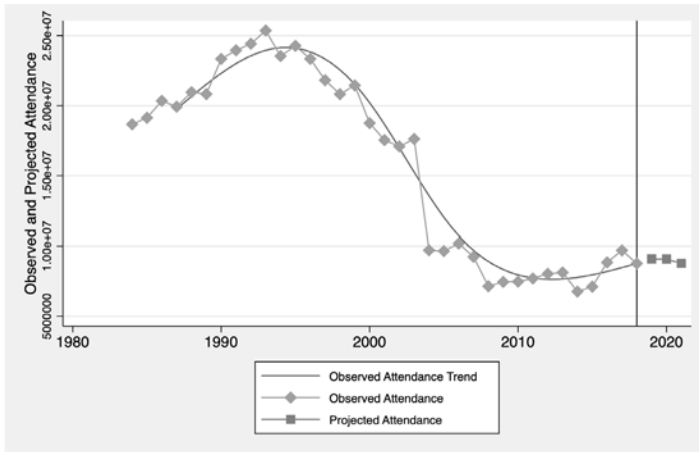
Tennessee Observed and Projected Revenues



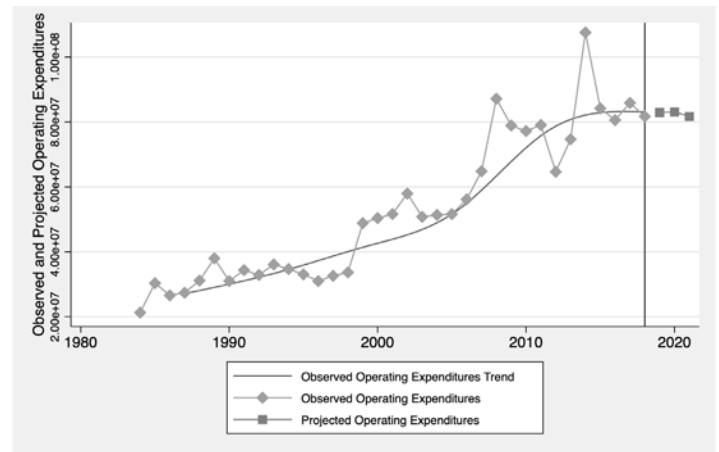
Tennessee Observed and Projected Labor

STATE SPECIFIC TRENDS • TEXAS

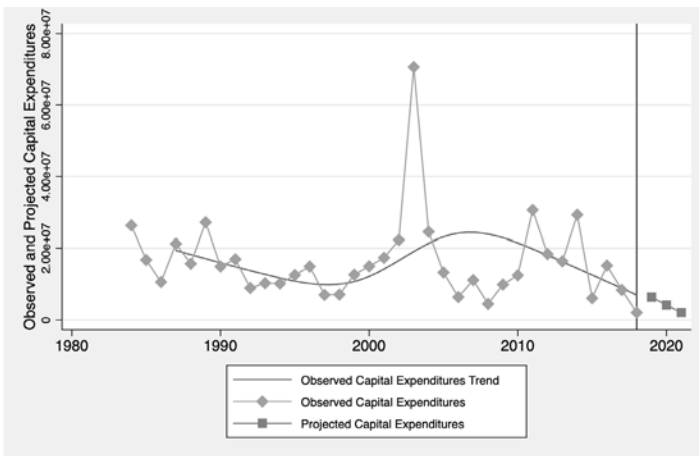
Variable	Total	Total Per Acre
Attendance (visits)	8,771,744	14
Attendance (visitor-hours)	26,420,492	41
Operating Expenditures	81,724,304	128
Capital Expenditures	2,065,892	3
Revenue	49,995,280	78
Labor (personnel)	1,334	0.002
Labor (person-hours)	2,774,720	4
Acres	640,210	--



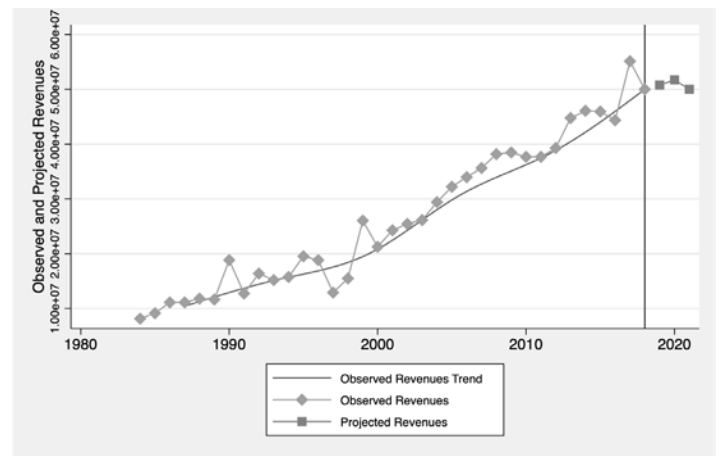
Texas Observed and Projected Attendance



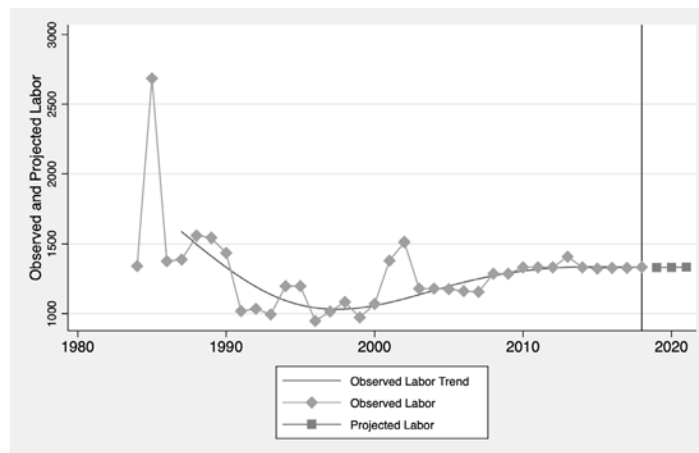
Texas Observed and Projected Operating Expenditures



Texas Observed and Projected Capital Expenditures



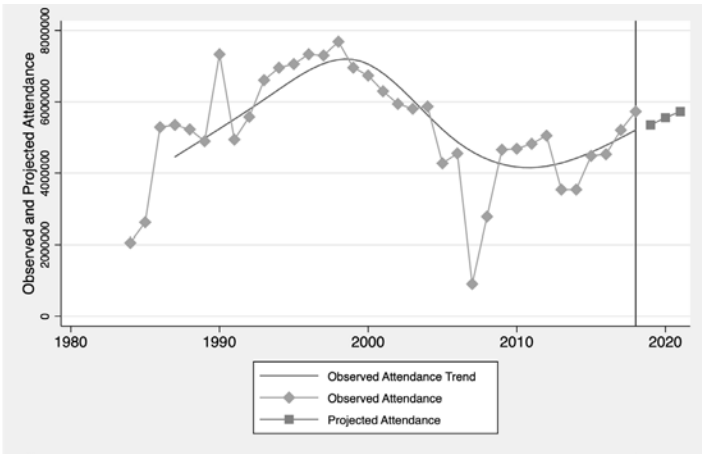
Texas Observed and Projected Revenues



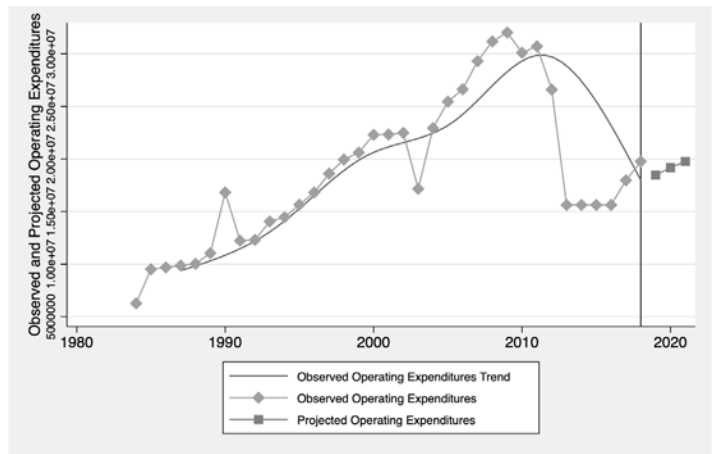
Texas Observed and Projected Labor

STATE SPECIFIC TRENDS • UTAH

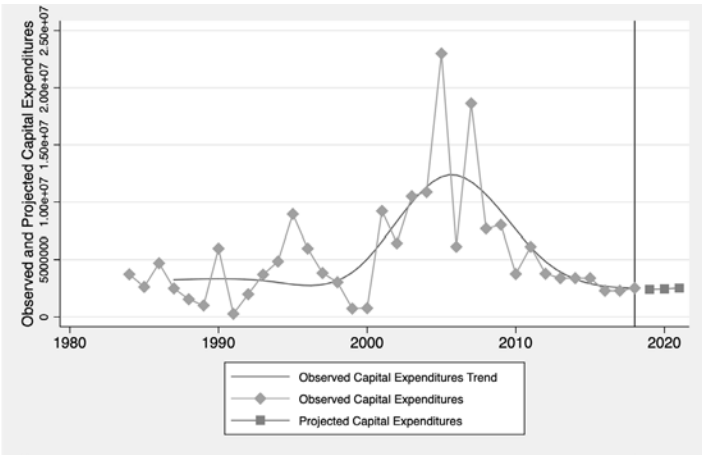
Variable	Total	Total Per Acre
Attendance (visits)	5,727,533	38
Attendance (visitor-hours)	17,251,330	113
Operating Expenditures	19,763,824	130
Capital Expenditures	2,523,433	17
Revenue	25,367,914	166
Labor (personnel)	312	0.002
Labor (person-hours)	648,960	4
Acres	152,616	-



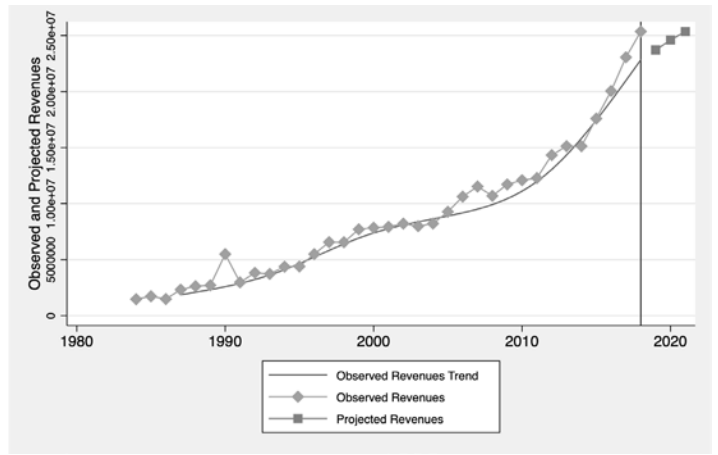
Utah Observed and Projected Attendance



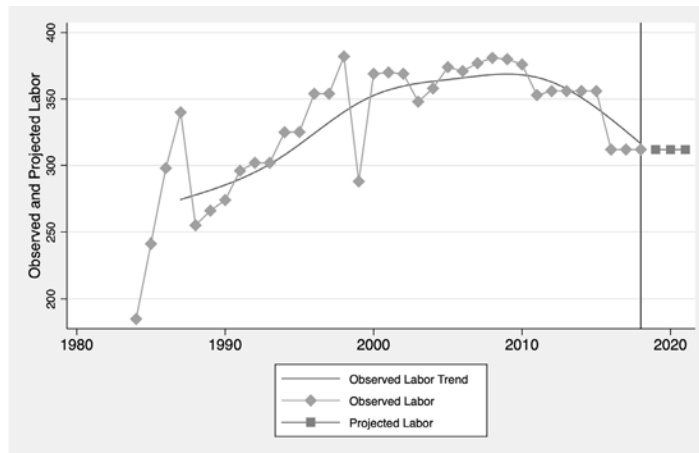
Utah Observed and Projected Operating Expenditures



Utah Observed and Projected Capital Expenditures



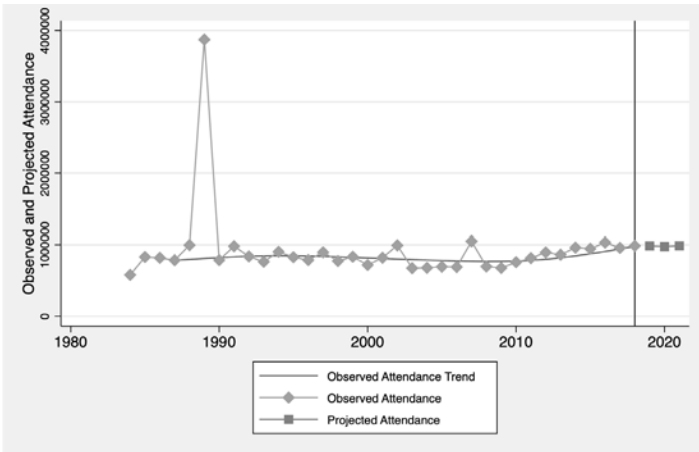
Utah Observed and Projected Revenues



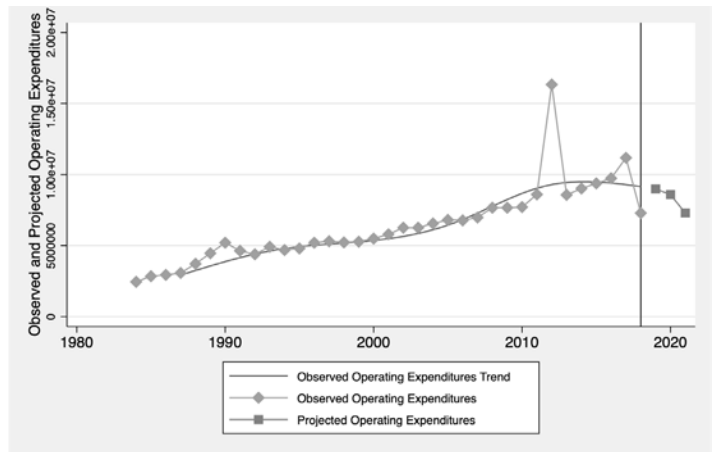
Utah Observed and Projected Labor

STATE SPECIFIC TRENDS • VERMONT

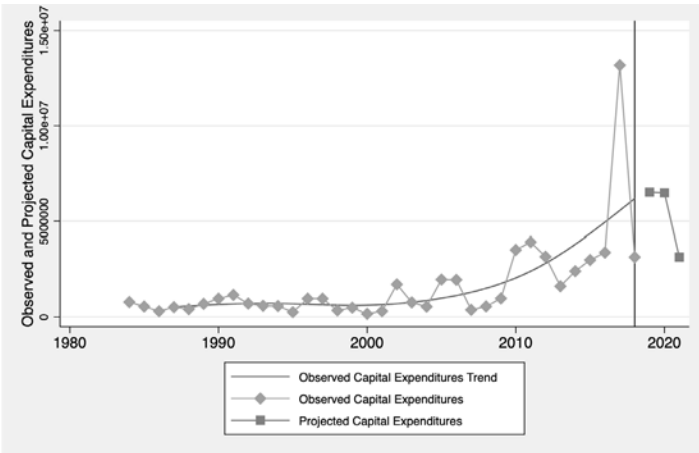
Variable	Total	Total Per Acre
Attendance (visits)	986,953	13
Attendance (visitor-hours)	2,972,703	40
Operating Expenditures	7,288,837	98
Capital Expenditures	3,133,399	42
Revenue	11,490,913	155
Labor (personnel)	402	0.005
Labor (person-hours)	836,160	11
Acres	74,291	--



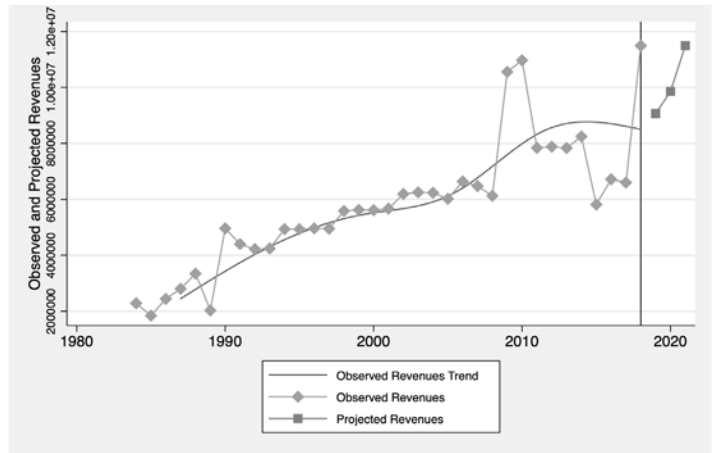
Vermont Observed and Projected Attendance



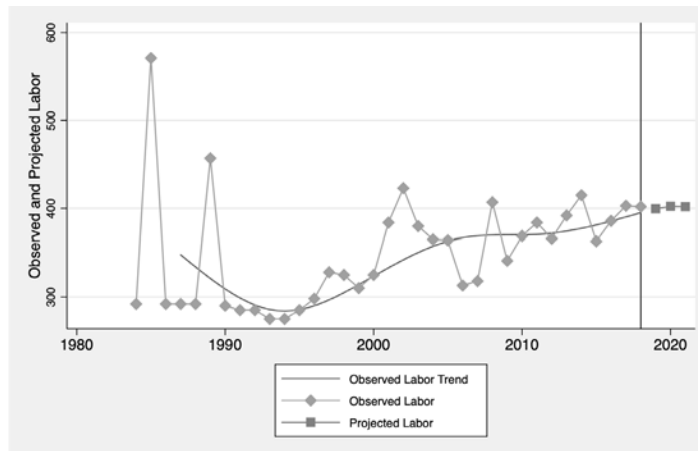
Vermont Observed and Projected Operating Expenditures



Vermont Observed and Projected Capital Expenditures



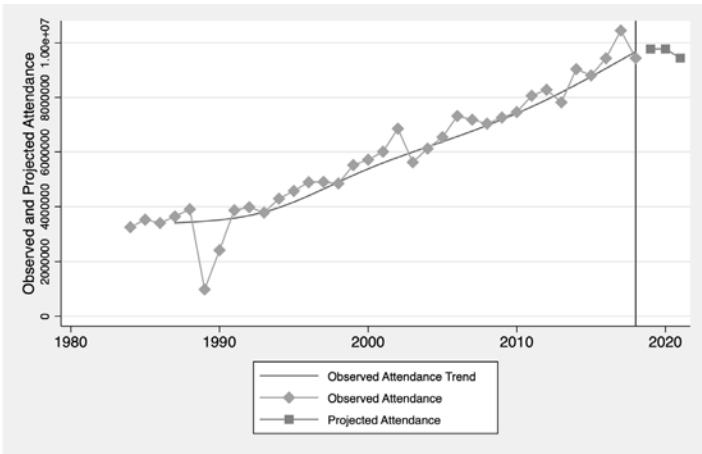
Vermont Observed and Projected Revenues



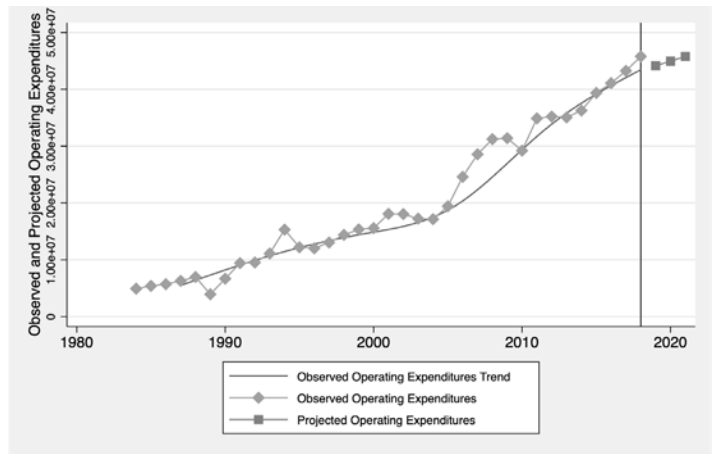
Vermont Observed and Projected Labor

STATE SPECIFIC TRENDS • VIRGINIA

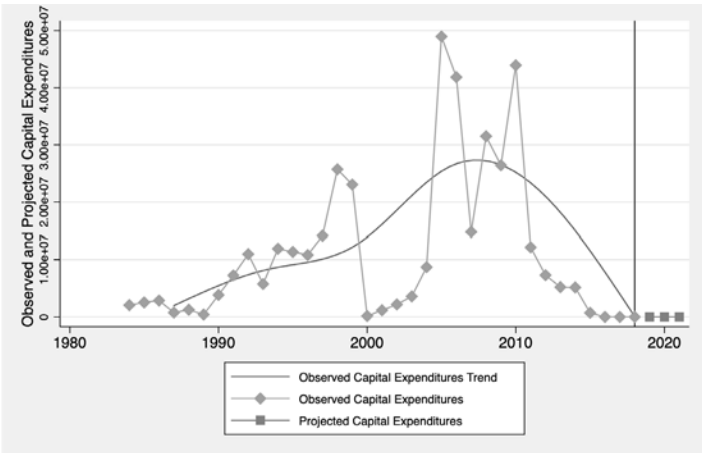
Variable	Total	Total Per Acre
Attendance (visits)	9,443,194	128
Attendance (visitor-hours)	28,442,900	386
Operating Expenditures	45,780,808	621
Capital Expenditures	1	0
Revenue	24,818,476	337
Labor (personnel)	887	0.012
Labor (person-hours)	1,844,960	25
Acres	73,723	--



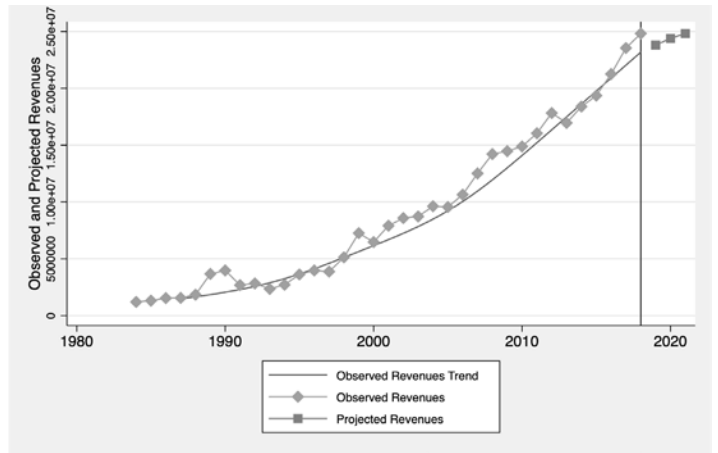
Virginia Observed and Projected Attendance



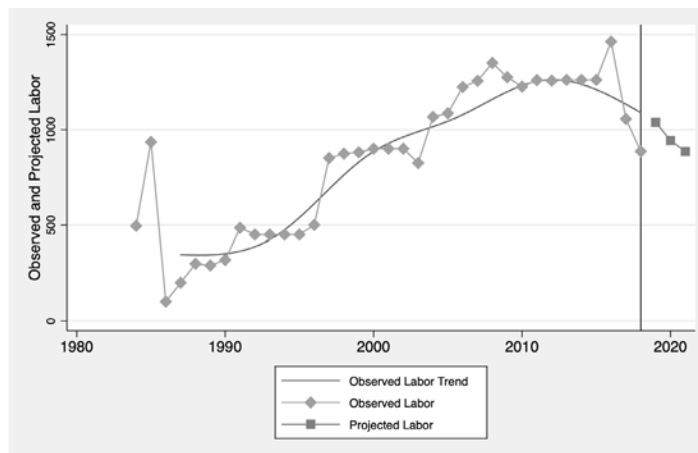
Virginia Observed and Projected Operating Expenditures



Virginia Observed and Projected Capital Expenditures



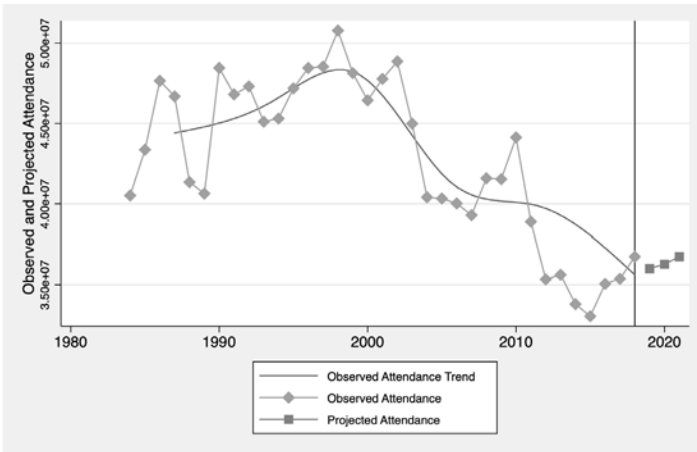
Virginia Observed and Projected Revenues



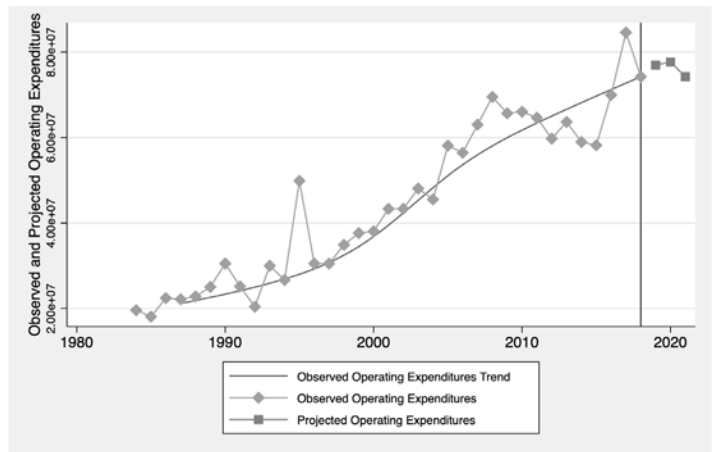
Virginia Observed and Projected Labor

STATE SPECIFIC TRENDS • WASHINGTON

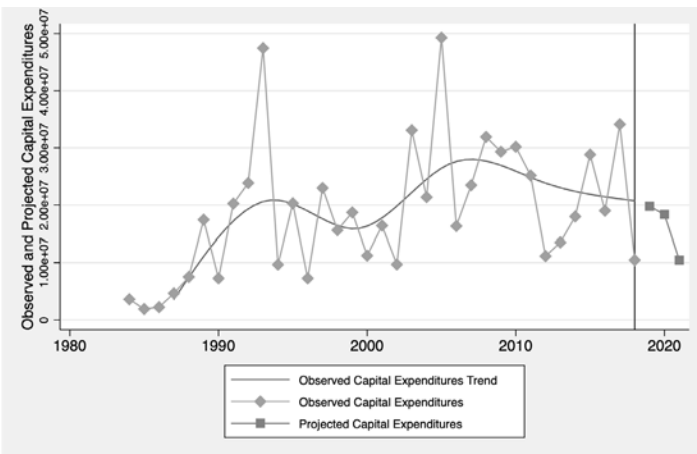
Variable	Total	Total Per Acre
Attendance (visits)	36,745,425	302
Attendance (visitor-hours)	110,677,224	909
Operating Expenditures	74,249,712	610
Capital Expenditures	10,459,207	86
Revenue	49,852,400	410
Labor (personnel)	1,035	0.009
Labor (person-hours)	2,152,800	18
Acres	121,729	-



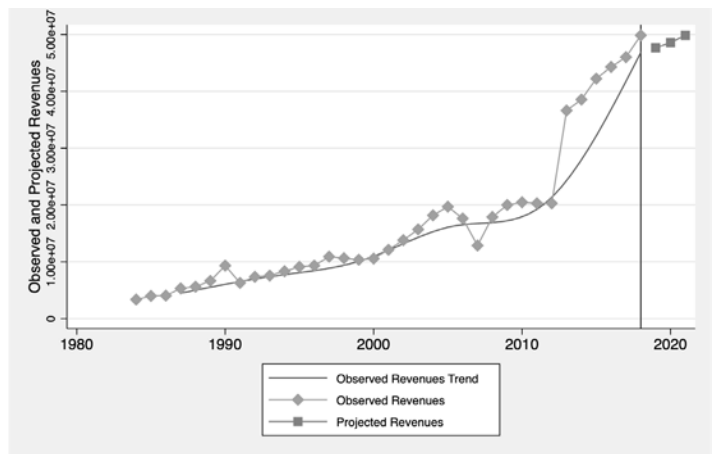
Washington Observed and Projected Attendance



Washington Observed and Projected Operating Expenditures



Washington Observed and Projected Capital Expenditures



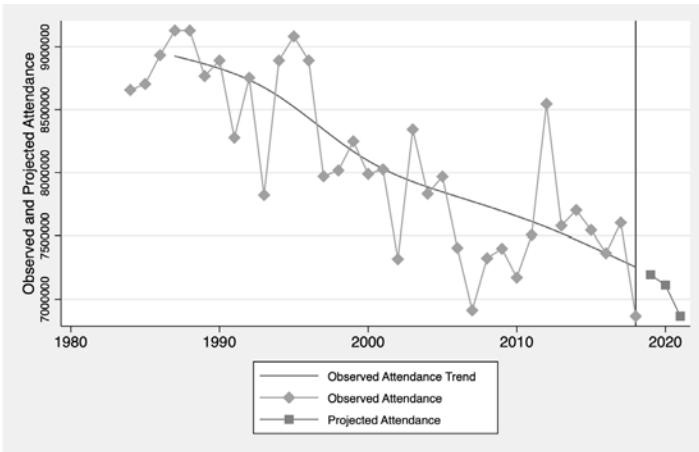
Washington Observed and Projected Revenues



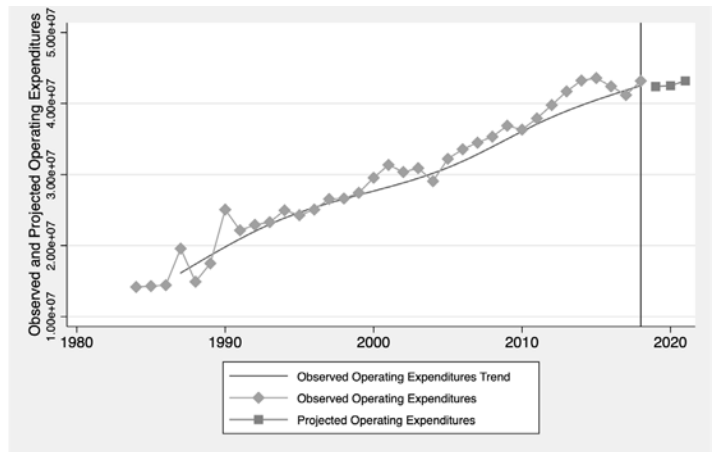
Washington Observed and Projected Labor

STATE SPECIFIC TRENDS • WEST VIRGINIA

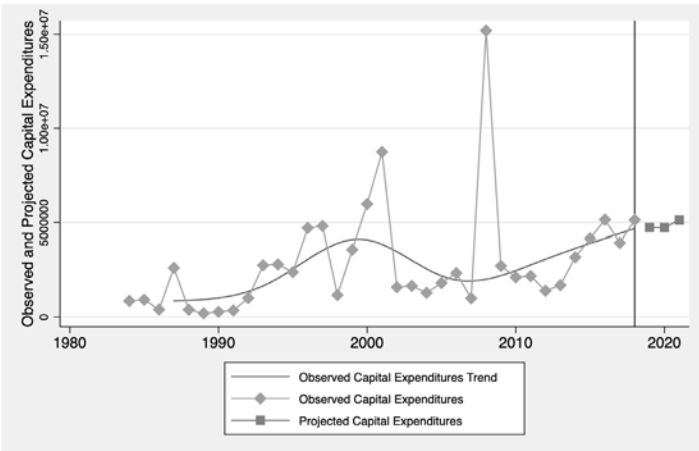
Table 50. Vital statistics for West Virginia's State Park System in 2018		
Variable	Total	Total Per Acre
Attendance (visits)	6,865,025	45
Attendance (visitor-hours)	20,677,456	137
Operating Expenditures	43,175,808	285
Capital Expenditures	5,127,391	34
Revenue	22,700,804	150
Labor (personnel)	1,455	0.010
Labor (person-hours)	3,026,400	20
Acres	151,410	--



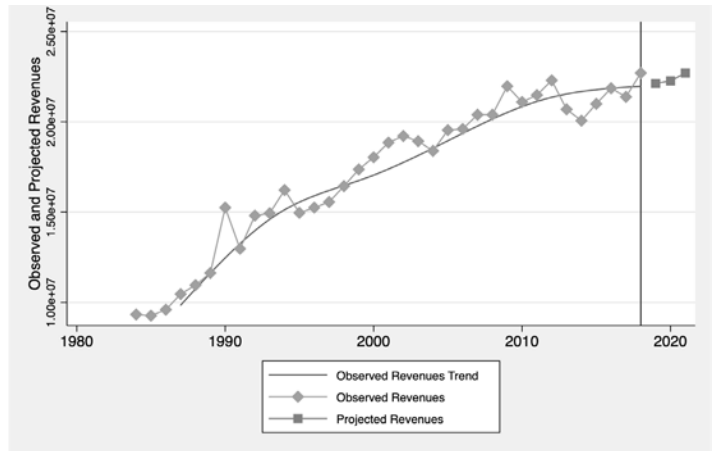
West Virginia Observed and Projected Attendance



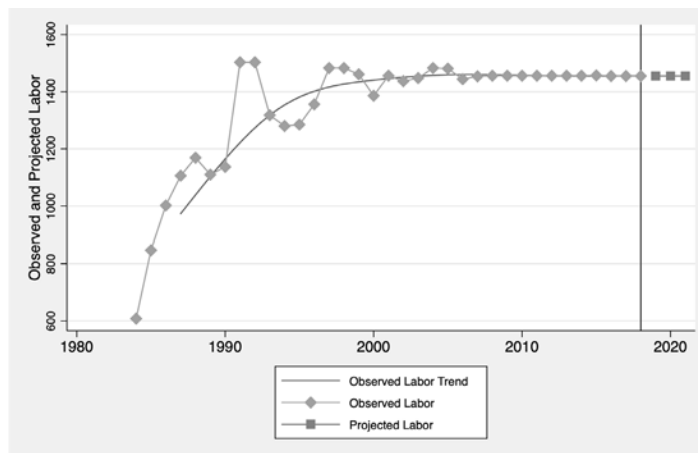
West Virginia Observed and Projected Operating Expenditures



West Virginia Observed and Projected Capital Expenditures



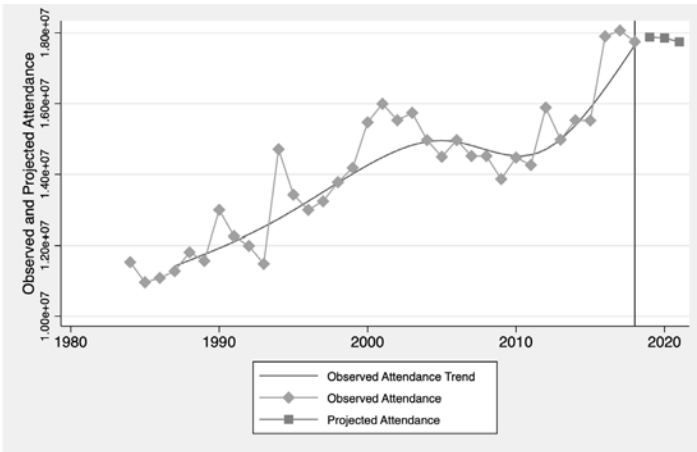
West Virginia Observed and Projected Revenues



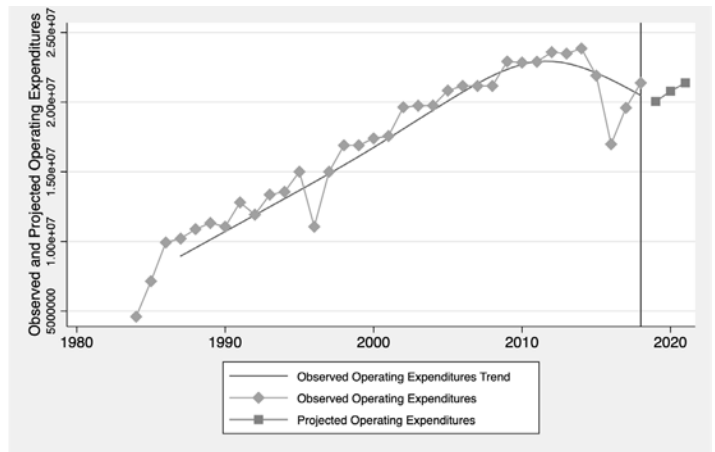
West Virginia Observed and Projected Labor

STATE SPECIFIC TRENDS • WISCONSIN

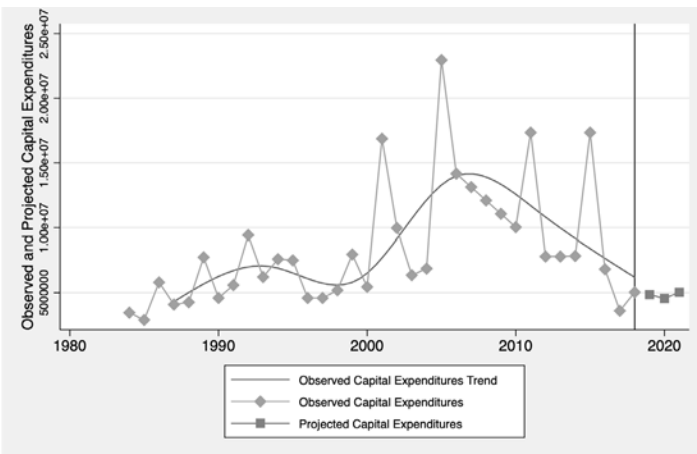
Variable	Total	Total Per Acre
Attendance (visits)	17,748,995	112
Attendance (visitor-hours)	53,459,972	338
Operating Expenditures	21,375,356	135
Capital Expenditures	5,035,668	32
Revenue	18,486,774	117
Labor (personnel)	538	0.003
Labor (person-hours)	1,119,040	7
Acres	158,314	--



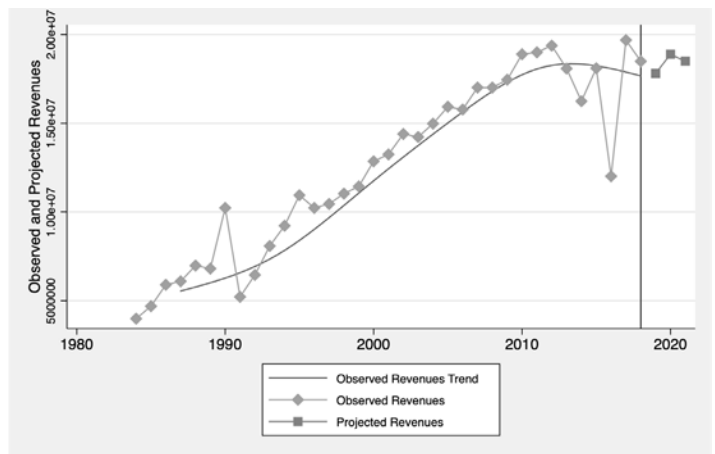
Wisconsin Observed and Projected Attendance



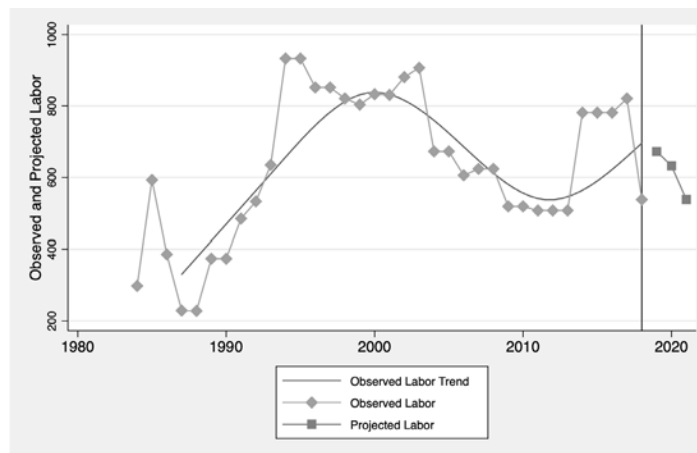
Wisconsin Observed and Projected Operating Expenditures



Wisconsin Observed and Projected Capital Expenditures



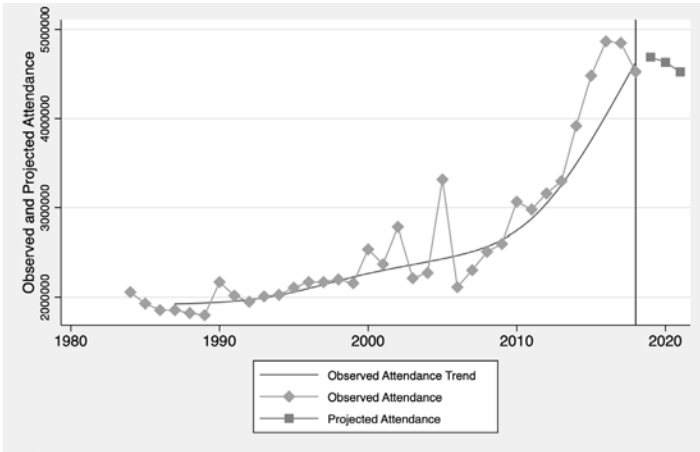
Wisconsin Observed and Projected Revenues



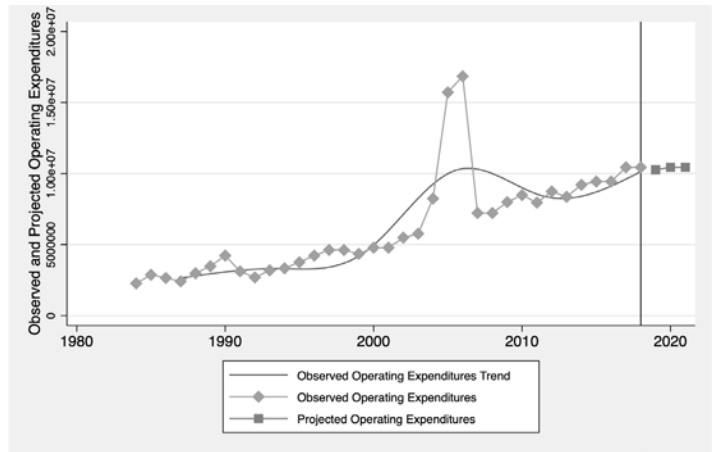
Wisconsin Observed and Projected Labor

STATE SPECIFIC TRENDS • WYOMING

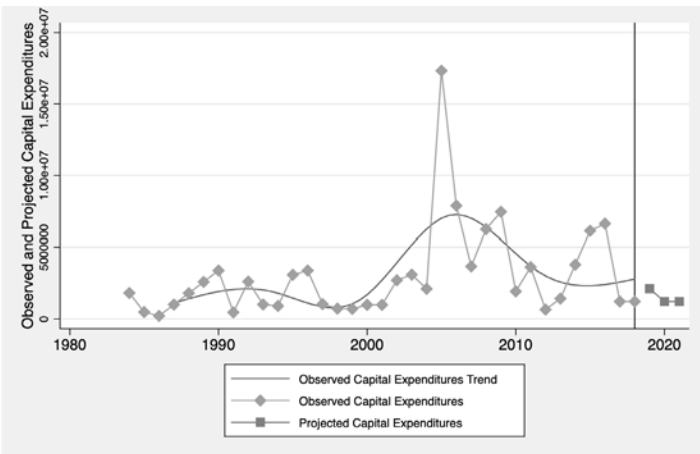
Variable	Total	Total Per Acre
Attendance (visits)	4,524,623	38
Attendance (visitor-hours)	13,628,164	114
Operating Expenditures	10,437,676	87
Capital Expenditures	1,217,409	10
Revenue	2,978,779	25
Labor (personnel)	244	0.002
Labor (person-hours)	507,520	4
Acres	119,565	—



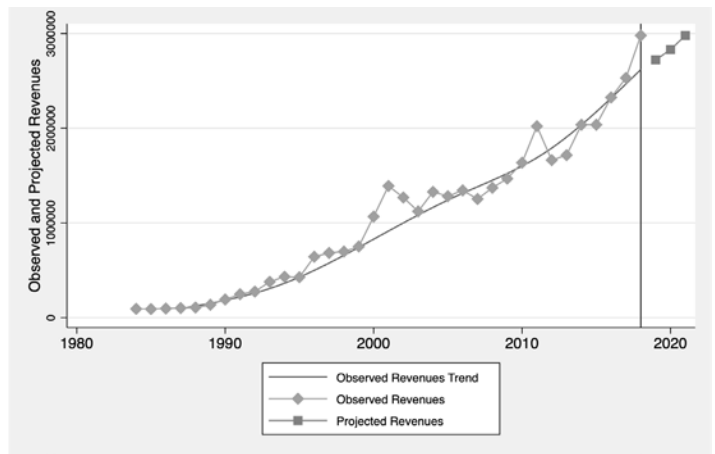
Wyoming Observed and Projected Attendance



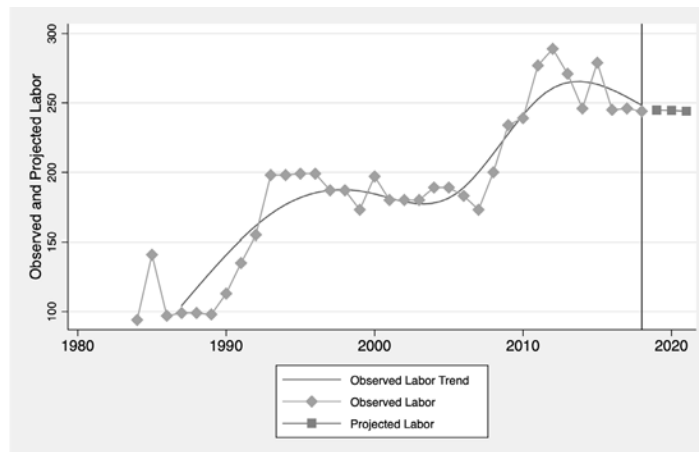
Wyoming Observed and Projected Operating Expenditures



Wyoming Observed and Projected Capital Expenditures



Wyoming Observed and Projected Revenues

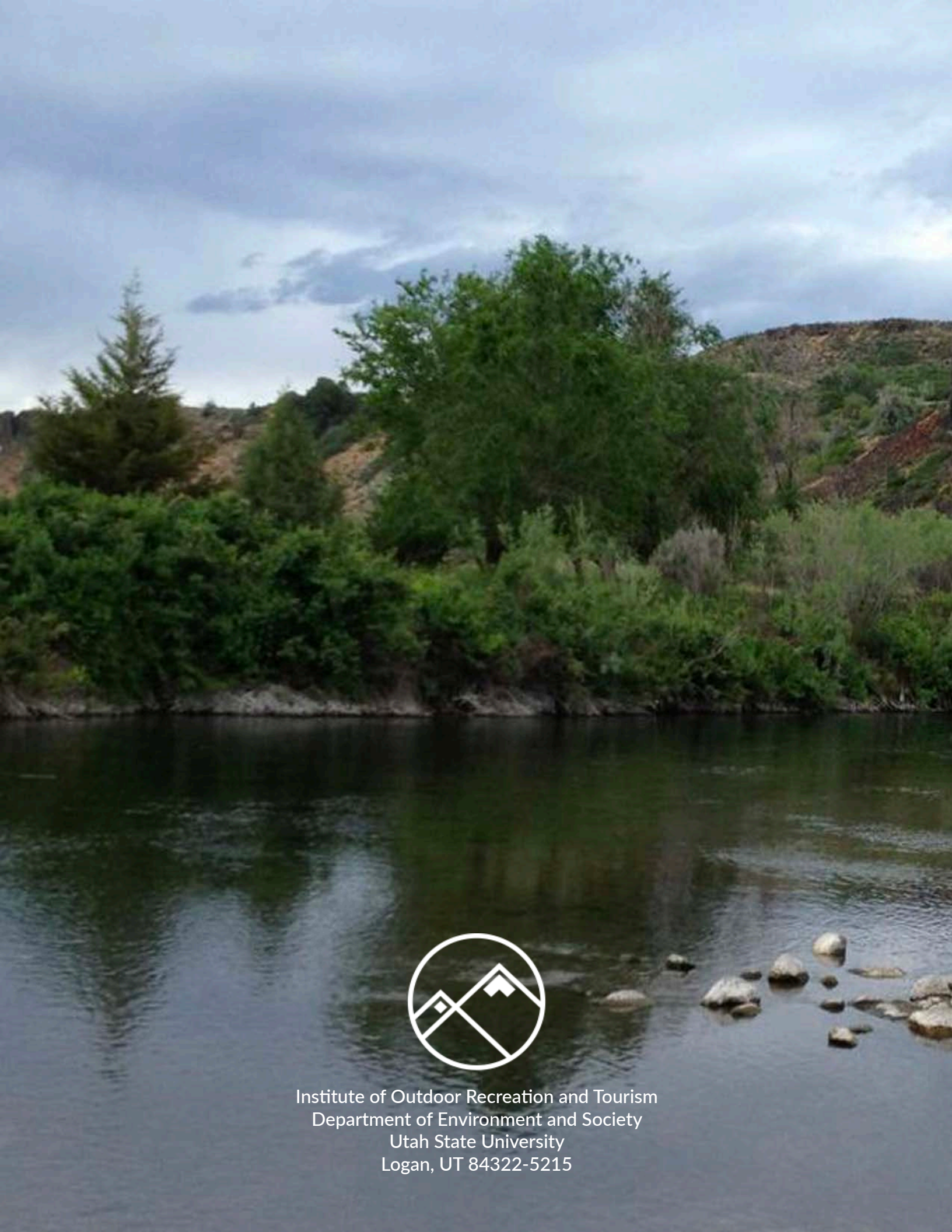


Wyoming Observed and Projected Labor

REFERENCES

- Aigner, D., Lovell, C. A. A., & Schmidt, P. (1977). Formulation and estimation of stochastic frontier production function models. *Journal of Econometrics*, 6, 21–37. [https://doi.org/10.1016/0304-4076\(77\)90052-5](https://doi.org/10.1016/0304-4076(77)90052-5)
- Battese, G. E., & Coelli, T. J. (1988). Prediction of firm-level technical efficiencies with a generalized frontier production function and panel data. *Journal of Econometrics*, 38(3), 387–399. [https://doi.org/10.1016/0304-4076\(88\)90053-X](https://doi.org/10.1016/0304-4076(88)90053-X)
- Chambers, R. G. (1988). *Applied production analysis: A dual approach*. Cambridge University Press.
- Greene, W. (2005). Fixed and random effects in stochastic frontier models. *Journal of Productivity Analysis*, 23(1), 7–32.
- Greene, W. (2008). The econometric approach to efficiency analysis. In H. Fried, K. Lovell, & S. Schmidt (Eds.), *The measurement of productive efficiency and productivity growth* (pp. 92–159). Oxford University Press.
- Leung, Y.-F., Cheung, S.-Y., & Smith, J. W. (2019). *Statistical Report of State Park Operations: 2017–2018—Annual Information Exchange for the Period of July 1, 2017 through June 30, 2018*. National Association of State Park Directors.
- Siderelis, C., & Smith, J. W. (2013). Ecological settings and state economies as factor inputs in the provision of outdoor recreation. *Environmental Management*, 52(3), 699–711. <https://doi.org/10.1007/s00267-013-0083-z>
- Siikamäki, J. (2011). Contributions of the US State Park System to nature recreation. *Proceedings of the National Academy of Sciences*, 108(34), 14031–14036. <https://doi.org/10.1073/pnas.1108688108>





Institute of Outdoor Recreation and Tourism
Department of Environment and Society
Utah State University
Logan, UT 84322-5215