

Appendix F: Economic Analysis of Refuge Alternatives and Demographics

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Section 1: Trempealeau County Population and Percentage Change

Trempealeau County Population and Percentage Change: 1980, 1990, & 2001¹

Area	1980	1990	2001	Percent Change		
				1980 to 1990	1990 to 2001	1980 to 2001
Trempealeau County	26,214	25,317	27,068	-3.5 percent	6.5 percent	3.2 percent
Wisconsin	4,712,045	4,904,562	5,405,947	3.9 percent	9.3 percent	12.8 percent
United States	227,224,719	249,622,814	285,317,559	9.0 percent	12.5 percent	20.4 percent

1. Source: Bureau of Economic Analysis

Section 2: Buffalo County Population and Percentage Change

Buffalo County Population and Percentage Change: 1980, 1990, & 2001¹

Area	1980	1990	2001	Percent Changes		
				1980 to 1990	1990 to 2001	1980 to 2001
Buffalo County	14,337	13,558	13,819	-5.7 percent	1.9 percent	-3.7 percent
Wisconsin	4,712,045	4,904,562	5,405,947	3.9 percent	9.3 percent	12.8 percent
United States	227,224,719	249,622,814	285,317,559	9.0 percent	12.5 percent	20.4 percent

1. Source: Bureau of Economic Analysis

Section 3: Trempealeau County Employment

Trempealeau Employment by Major Business Sector: 1980, 1990, & 2001¹

Sector	1980	1990	2001	Percent of Total Employment, 2001	Percent Change in Employment, 1980-2001
Farming	2,796	2,346	2,045	12.5%	-36.7%
Ag. Services, Forestry, & Fishing	98	(D) ²	(D)	(D)	(D)
Mining	23	(D)	(D)	(D)	(D)
Construction	462	448	512	3.1%	9.8%
Manufacturing	1,943	3,970	5,218	32.0%	62.8%
Transportation & Public Utilities	459	456	547	3.4%	16.1%
Wholesale Trade	443	509	(D)	(D)	(D)
Retail Trade	1,991	1,879	1,193	7.3%	-66.9%
Finance, Insurance, & Real Estate	734	457	455	2.8%	-61.3%
Services	1,962	2,264	3,228	19.8%	39.2%
Government	1,759	1,841	2,179	13.4%	19.3%
Trempealeau County Total Employment	12,670	14,337	16,311	100.0%	22.3%
Wisconsin Total Employment	2,449,057	2,835,395	3,429,667	100.0%	28.6%

1. Source: Bureau of Economic Analysis

2. Small population sizes are denoted by "D" and are not shown to avoid disclosure of confidential information, however the estimates for this item are included in the totals.

Section 4: Buffalo County Employment

Buffalo Employment by Major Business Sector: 1980, 1990, & 2001¹

Sector	1980	1990	2001	Percent of Total Employment, 2001	Percent Change in Employment, 1980-2001
Farming	2,081	1,623	1,623	16.6%	-28.2%
Ag. Services, Forestry, & Fishing	78	84	201	2.1%	(D) ²
Mining	(D)	0	(D)	(D)	(D)
Construction	245	233	577	5.9%	57.5%
Manufacturing	313	452	408	4.2%	23.3%
Transportation & Public Utilities	433	976	(D)	(D)	(D)
Wholesale Trade	303	251	315	3.2%	3.8%
Retail Trade	871	743	725	7.4%	-20.1%
Finance, Insurance, & Real Estate	284	227	528	5.4%	46.2%
Services	912	1,084	2370	24.3%	61.5
Government	905	902	1,000	10.3%	9.5%
Buffalo County Total Employment	6,432	6,575	9,753	100.0%	34.1%
Wisconsin Total Employment	2,449,057	2,835,395	3,429,667	100.0%	28.6%

1. Source: Bureau of Economic Analysis

2. Small population sizes are denoted by "(D)" and are not shown to avoid disclosure of confidential information, but the estimates for this item are included in the totals.

Section 5: Trempealeau & LaCrosse Demographics

Trempealeau & La Crosse Demographic Characteristics, 2000 Census

Category	Trempealeau	La Crosse	Wisconsin	USA
Population, 2000	27,010	107,120	5,363,675	281,421,906
Population, percent change, 1990 to 2000	6.9%	9.4%	9.6%	13.1%
White persons (percent)	98.8%	94.2%	88.9%	75.1%
Black or African American persons, percent	0.1%	0.9%	5.7%	12.3%
American Indian and Alaska Native persons, percent	0.2%	0.4%	0.9%	0.9%
Asian persons, percent	0.1%	3.2%	1.7%	3.6%
Persons of Hispanic or Latino origin, percent	0.9%	0.9%	3.6%	12.5%
High School graduates, percent of persons 25+	80.9%	89.7%	85.1%	80.4%
Homeownership rate	74.1%	65.1%	68.4%	66.2%
Persons below poverty, percent	8.3%	10.7%	8.7%	12.4%

Section 6: Comparison of Annual Budget

Comparison of Annual Budget Expenditures for Three Alternatives

	Alternative A	Alternative B	Alternative C
Salaries and Fringe Benefits	\$203,600	\$449,200	\$511,100
Non-Salary Expenditures	\$107,000	\$236,100	\$268,600
Total Annual Budget	\$310,600	\$685,300	\$779,700
FTE's	4.0	8.0	9.0

Section 7: Comparison of Annual Economic Effects – Hunting

Comparison of Annual Economic Effects of Alternatives on Hunting

Category	Alternative A	Change from Alternative A	
		Alternative B	Alternative C
Activity Days	542	-160	235
Net Economic Value	\$24,759	-\$7,309	\$10,735
Total Expenditures	\$6,163	-\$3,023	\$4,291
Economic Output	\$7,787	-\$4,021	\$5,719
Employment	0.1	-0.1	0.1
Labor Income	\$2,159	-\$1,075	\$1,529
Tax Impact	\$928	\$-462	\$657

Section 8: Comparison of Annual Economic Effects – Fishing

Comparison of Annual Economic Effects of Alternatives on Fishing

Category	Alternative A	Change from Alternative A	
		Alternative B	Alternative C
Activity Days	336	-10	100
Net Economic Value	\$5,785	-\$172	\$1,722
Total Expenditures	\$2,364	--	\$703
Economic Output	\$3,066	--	\$937
Employment	0.0	--	0.0
Labor Income	\$845	--	\$250
Tax Impact	\$364	--	\$108

Section 9: Comparison of Annual Economic Effects – Wildlife Observation

Comparison of Annual Economic Effects of Alternatives on Wildlife Observation

Category	Alternative A	Change from Alternative A	
		Alternative B	Alternative C
Active Days	64,857	-1,500	4,520
Net Economic Value	\$589,064	-\$13,624	\$41,053
Total Expenditures	\$179,743	-\$5,336	\$15,955
Economic Output	\$239,702	-\$7,124	\$21,275
Employment	3.7	-0.1	0.3
Labor Income	\$64,070	-\$1,904	\$5,687
Tax Impact	\$27,539	\$-818	\$2,444

Section 10: Comparison of Annual Economic Effects – Public Use

Summary of Annual Economic Effects of Alternatives on Public Use

Category	Alternative A	Change from Alternative A	
		Alternative B	Alternative C
Activity Days	65,735	-1,670	4,855
Net Economic Value	\$619,607	-\$21,105	\$53,509
Total Expenditures	\$188,269	-\$8,429	\$20,949
Economic Output	\$250,555	-\$11,243	\$27,931
Employment	3.8	-0.2	0.4
Labor Income	\$67,074	-\$3,005	\$7,466
Tax Impact	\$28,831	\$-1,291	\$3,209