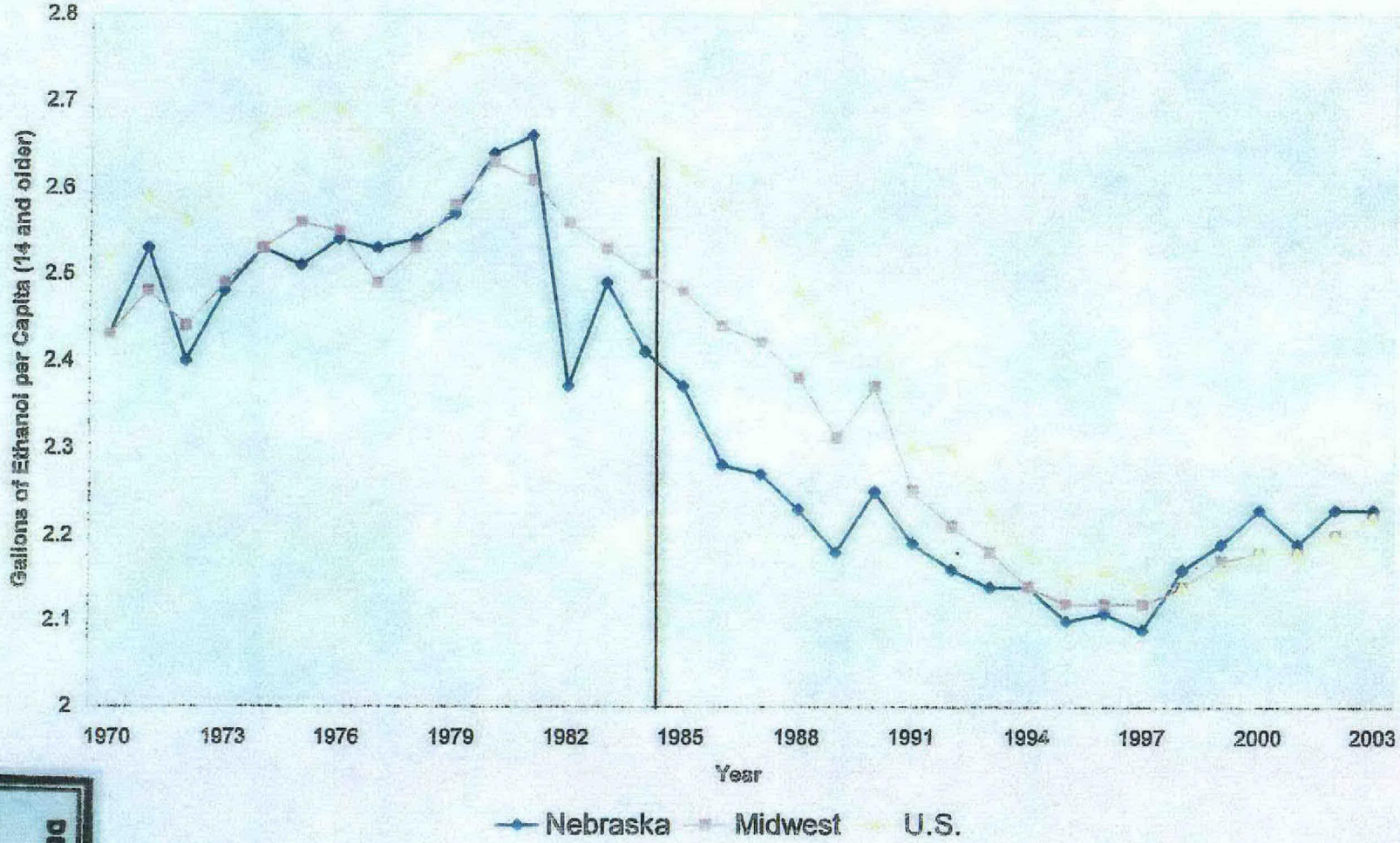
Total Ethanol Consumption, per Capita (14 and older)
Nebraska, Midwest, and United States, 1970-2003

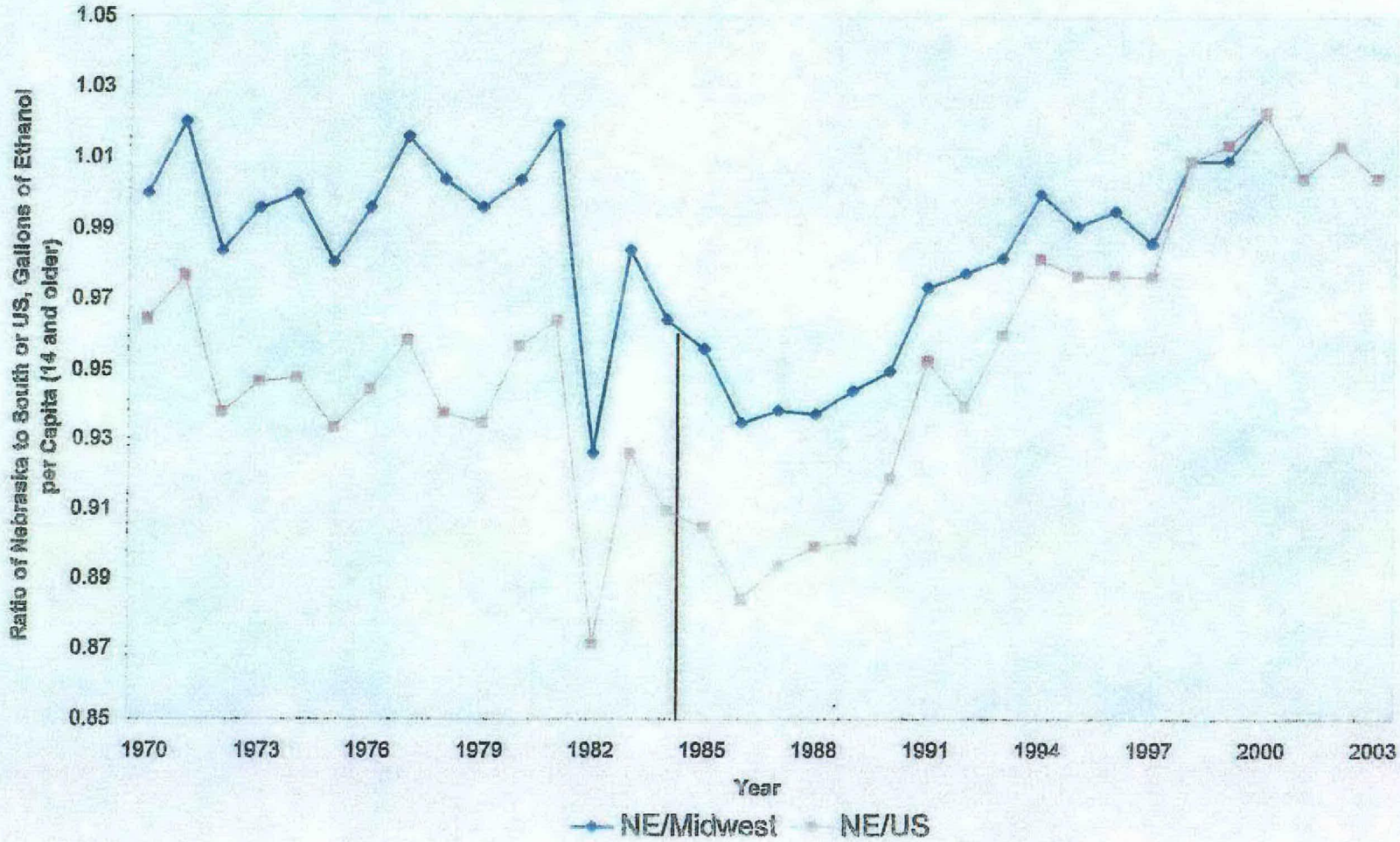


TX579-001

DEFENDANT'S EXHIBIT
CASE NO. C04-0360P
EXHIBIT NO. 579

Resp to Costco RFP
P08602

Relative Ethanol Consumption per Capita
Nebraska, Midwest, and United States, 1970-2003



TX579-002

Resp to Costco RFP
P08603

Nebraska: Apparent Consumption per Capita (14 and older): Total Ethanol, 1970-2003

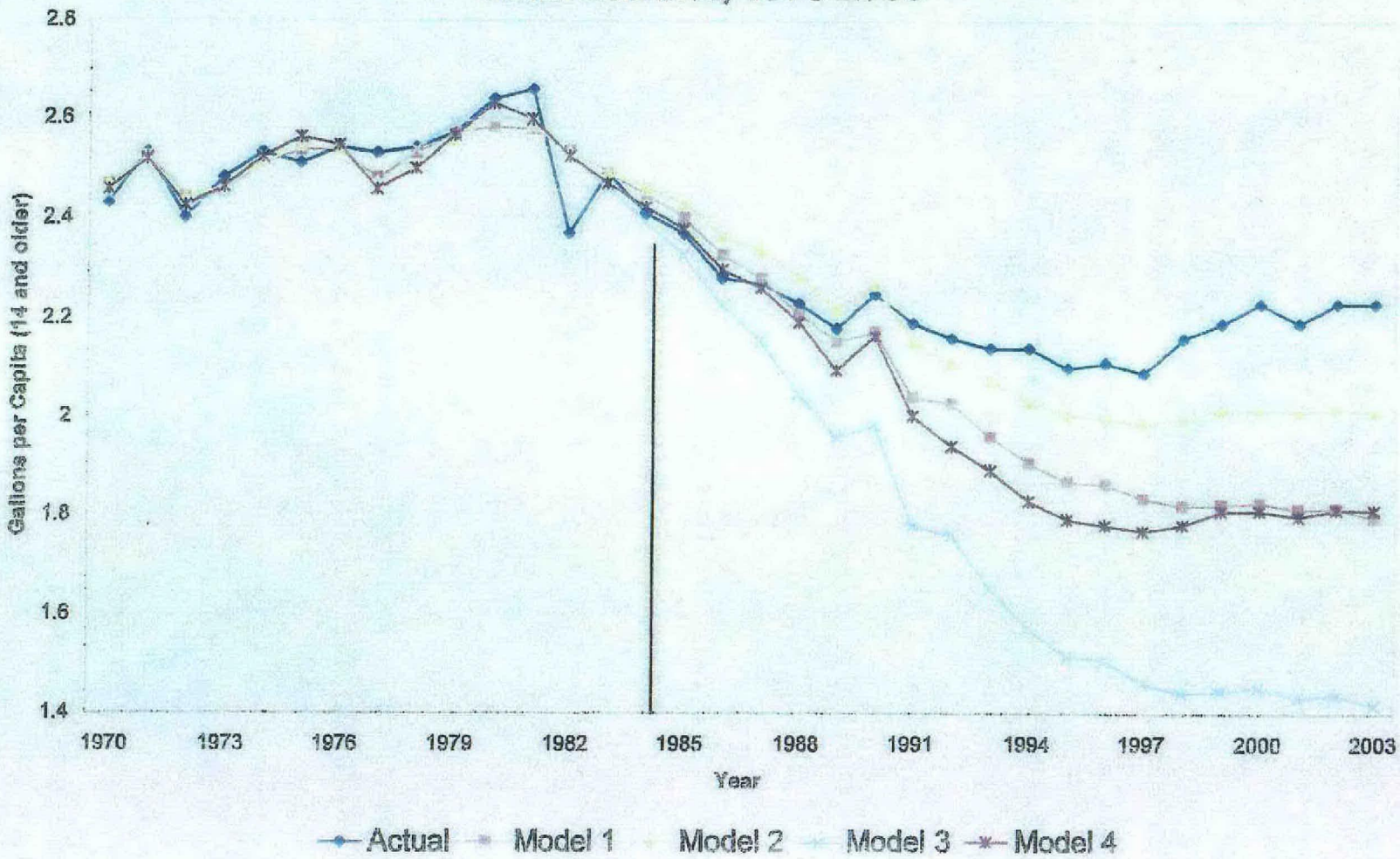
Variable	Model 1	Model 2	Model 3	Model 4
Trend	-0.017 (0.007)	-0.011 (0.006)	-0.024 (0.008)	-0.014 (0.007)
US Consumption	0.822 (0.117)		1.264 (0.279)	
Midwest Consumption		0.916 (0.124)		1.281 (0.286)
Alcohol Tax	-5.741 (2.913)	-4.065 (2.790)	-6.170 (2.825)	-3.753 (2.750)
Policy Indicator	-0.509 (0.080)	-0.374 (0.067)	0.830 (0.776)	0.727 (0.780)
Policy * Trend	0.028 (0.007)	0.018 (0.006)	0.033 (0.008)	0.020 (0.006)
Policy * US Consumption			-0.512 (0.296)	
Policy * Midwest Consumption				-0.439 (0.310)
Constant	0.716 (0.319)	0.474 (0.334)	-0.389 (0.709)	-0.443 (0.725)
F – Joint Significance of Policy Variables (p-value in parentheses)	31.65 (0.0000)	23.46 (0.0000)	23.61 (0.000)	16.87 (0.0000)
F	98.16	104.75	88.15	90.77
R^2	0.946	0.949	0.951	0.953
Actual Consumption, 2003	2.23	2.23	2.23	2.23
Predicted Consumption, 2003	1.80 (0.176)	2.01 (0.152)	1.42 (0.276)	1.81 (0.204)
Difference (gallons of ethanol) (p-value for difference in parentheses)	0.43 (0.0200)	0.22 (0.1561)	0.81 (0.0067)	0.42 (0.0501)

Note: Standard errors in parentheses (except as noted).

TX579-003

Resp to Costco RFP
P08604

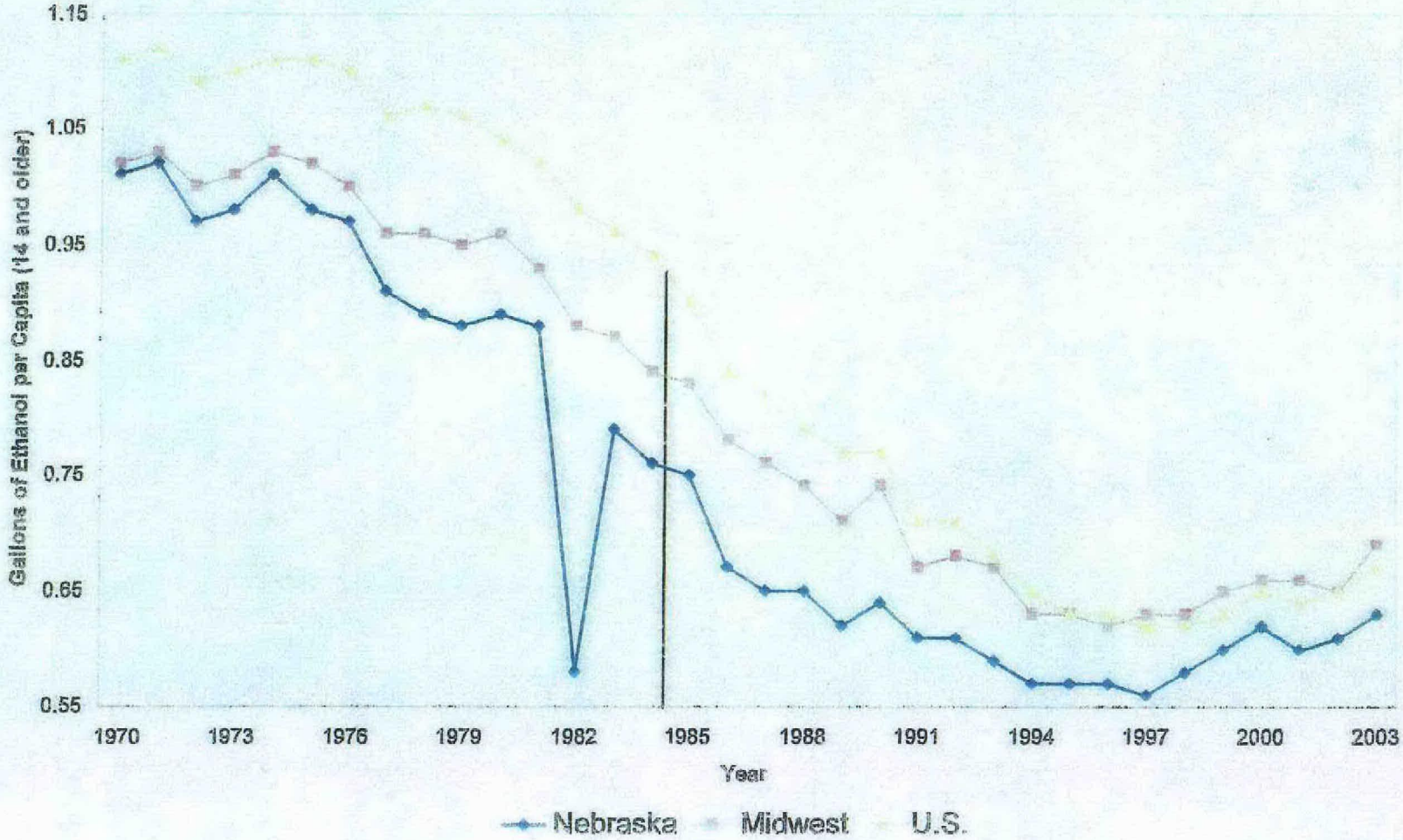
Actual and Predicted Nebraska Consumption
Total Ethanol, 1970-2003



TX579-004

Resp to Costco RFP
P08605

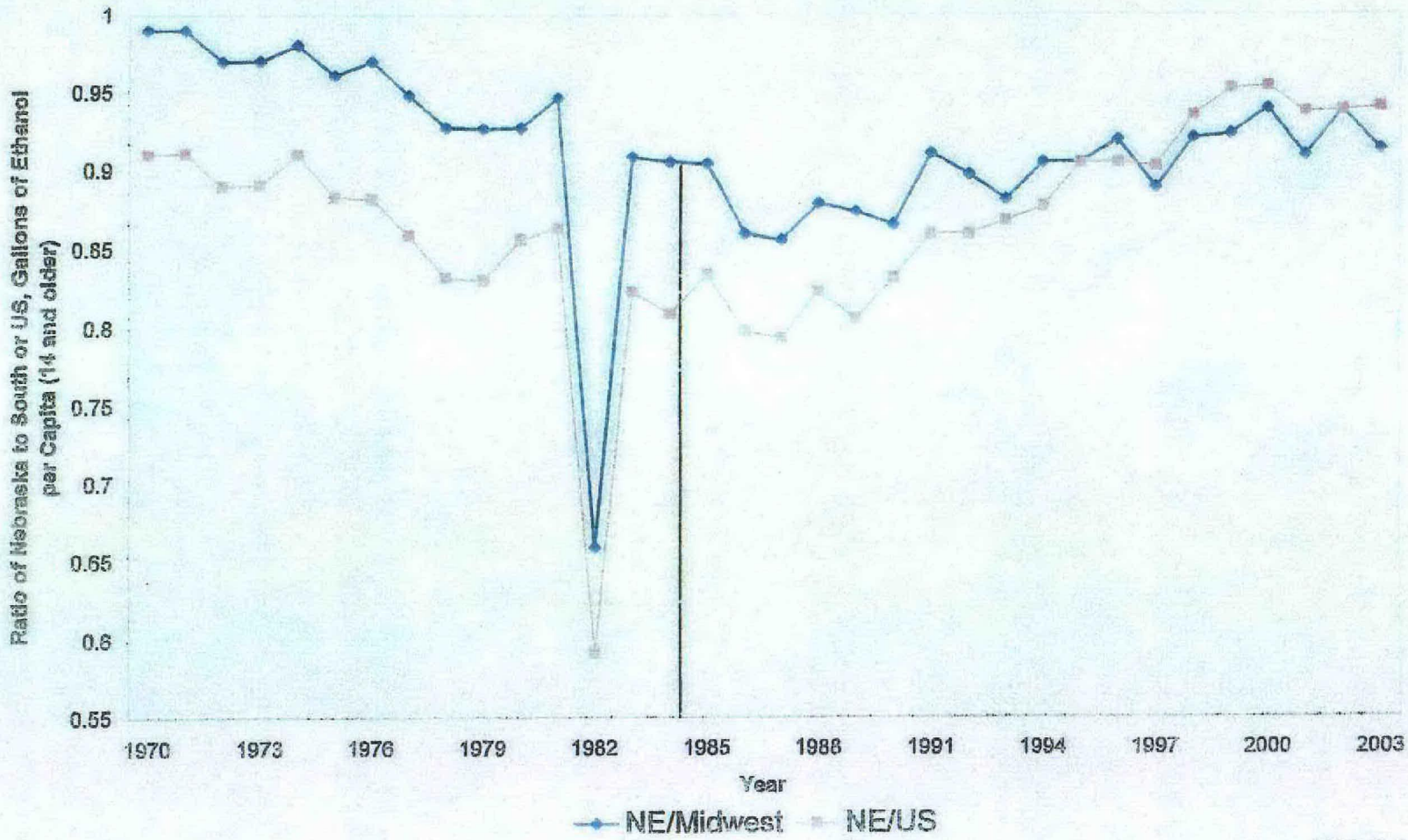
Spirits Consumption, per Capita (14 and older)
Nebraska, Midwest, and United States, 1970-2003



TX579-005

Resp to Costco RFP
P08606

Relative Spirits Consumption per Capita
Nebraska, Midwest, and United States, 1970-2003



TX579-006

Resp to Costco RFP
P08607

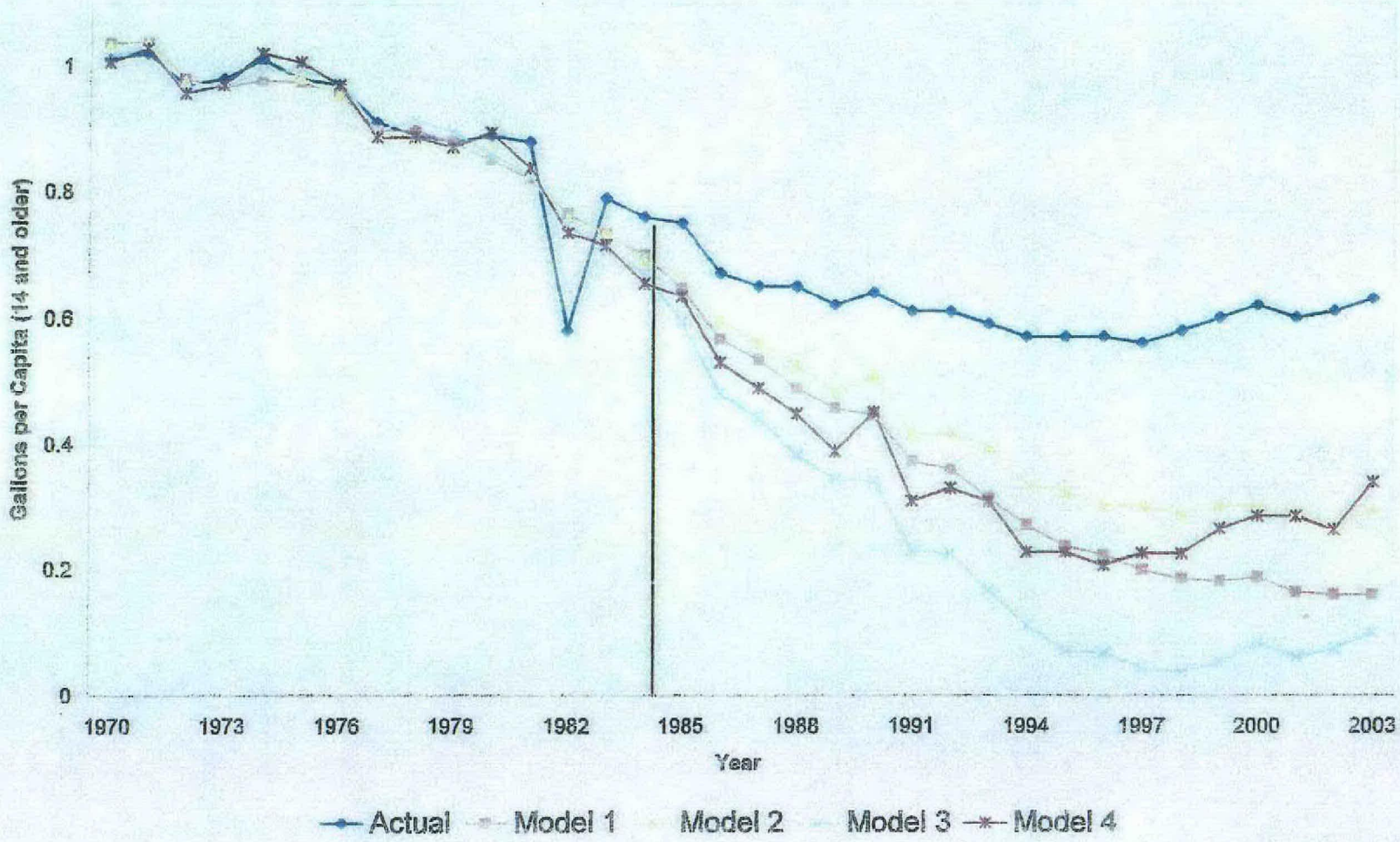
Nebraska: Apparent Consumption per Capita (14 and older): Spirits, 1970-2003

Variable	Model 1	Model 2	Model 3	Model 4
Trend	-0.015 (0.007)	-0.013 (0.007)	-0.006 (0.009)	-0.002 (0.009)
US Consumption	1.020 (0.214)		1.781 (0.503)	
Midwest Consumption		1.188 (0.225)		2.027 (0.468)
Alcohol Tax	-1.859 (2.843)	-1.954 (2.698)	-1.372 (2.774)	-1.381 (2.578)
Policy Indicator	-0.256 (0.072)	-0.163 (0.072)	0.766 (0.620)	0.909 (0.537)
Policy * Trend	0.022 (0.005)	0.015 (0.005)	0.011 (0.008)	0.003 (0.008)
Policy * US Consumption			-0.889 (0.536)	
Policy * Midwest Consumption				-1.026 (0.510)
Constant	0.065 (0.292)	-0.014 (0.282)	-0.852 (0.621)	-0.953 (0.538)
F – Joint Significance of Policy Variables (p-value in parentheses)	8.99 (0.0010)	5.81 (0.0078)	7.28 (0.0010)	5.64 (0.0039)
F	99.52	110.51	88.59	102.79
R^2	0.947	0.952	0.952	0.958
Actual Consumption, 2003	0.63	0.63	0.63	0.63
Predicted Consumption, 2003	0.16 (0.131)	0.30 (0.116)	0.10 (0.132)	0.34 (0.112)
Difference (gallons of ethanol) (p-value for difference in parentheses)	0.47 (0.0012)	0.33 (0.0076)	0.53 (0.0004)	0.29 (0.0155)

Note: Standard errors in parentheses (except as noted).

TX579-007

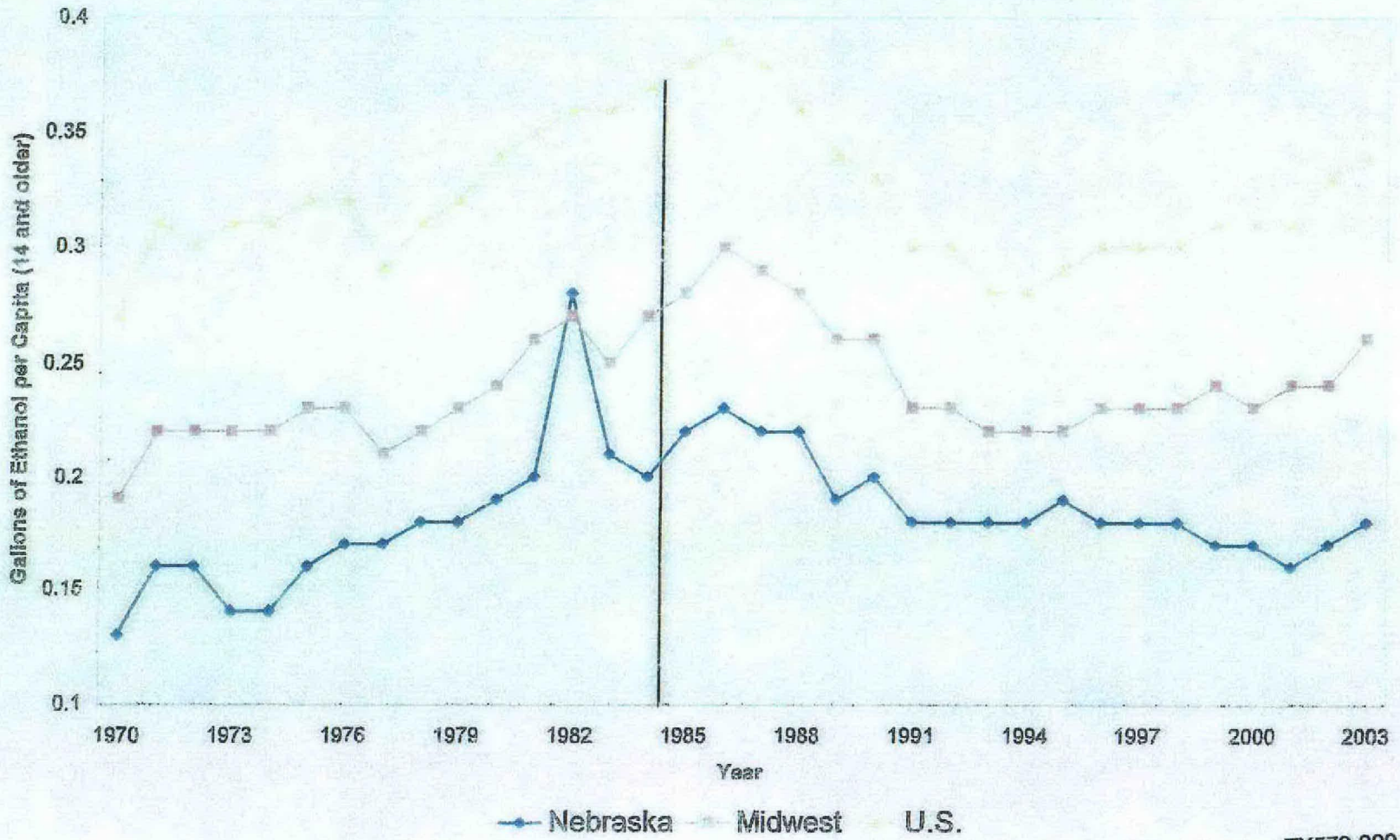
Actual and Predicted Nebraska Consumption
Spirits, 1970-2003



TX579-008

Resp to Costco RFP
P08609

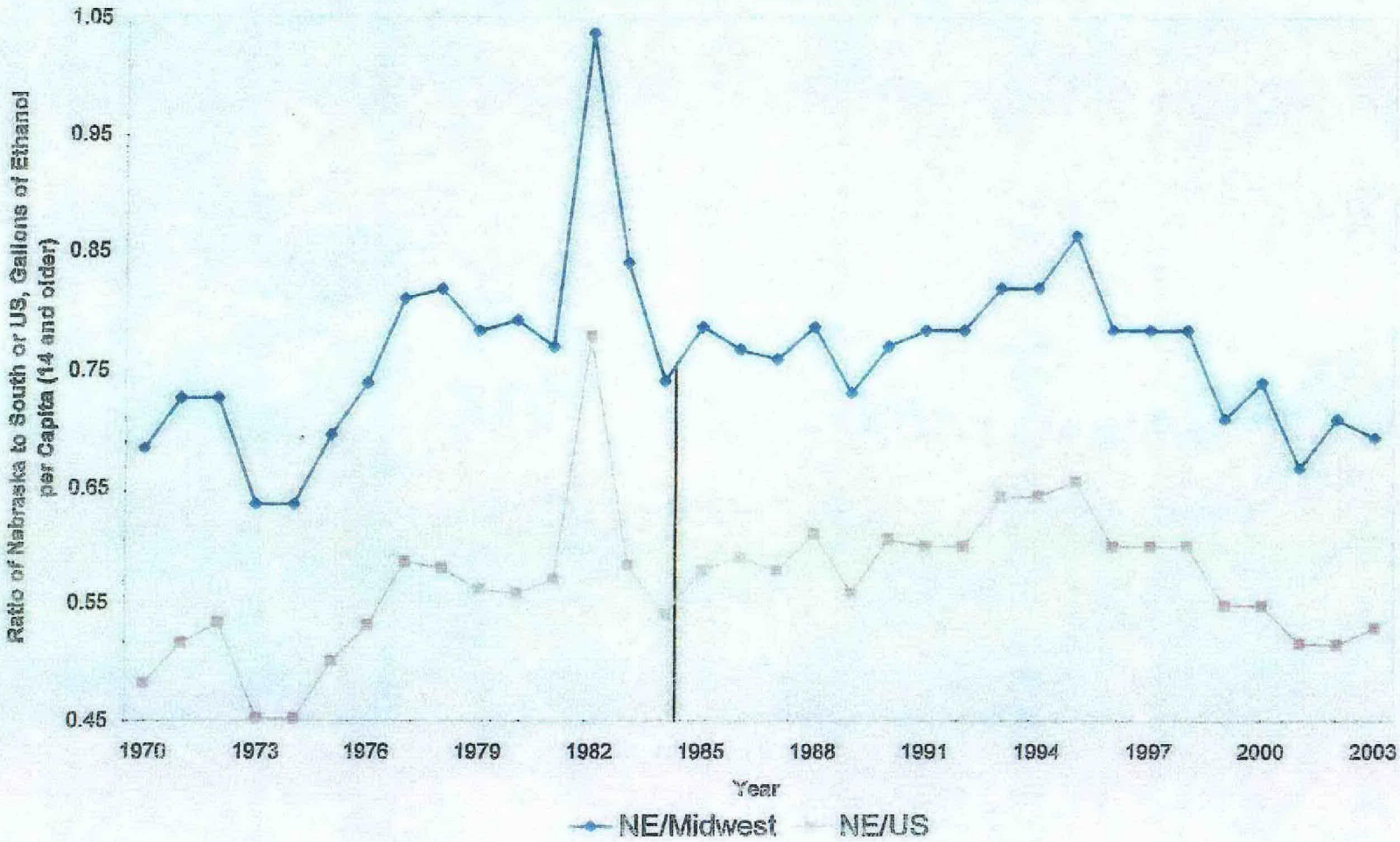
Wine Consumption, per Capita (14 and older)
Nebraska, Midwest, and United States, 1970-2003



TX579-009

Resp to Costco RFP
P08610

Relative Wine Consumption per Capita
Nebraska, Midwest, and United States, 1970-2003



TX579-010

Resp to Costco RFP
P08611

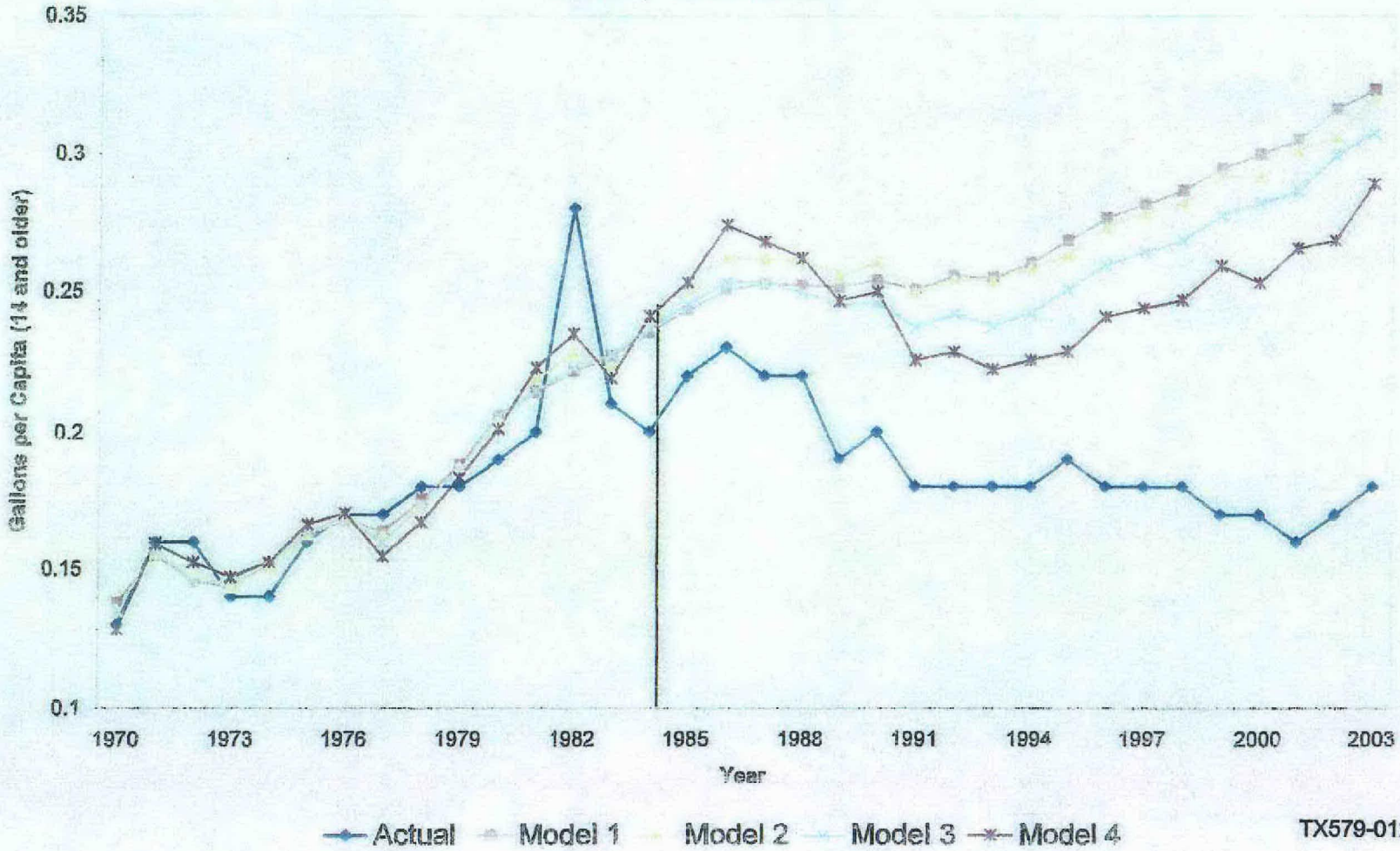
Nebraska: Apparent Consumption per Capita (14 and older): Wine, 1970-2003

Variable	Model 1	Model 2	Model 3	Model 4
Trend	0.005 (0.001)	0.004 (0.001)	0.004 (0.002)	0.003 (0.002)
US Consumption	0.301 (0.114)		0.440 (0.310)	
Midwest Consumption		0.528 (0.145)		0.929 (0.325)
Alcohol Tax	-0.294 (0.173)	-0.293 (0.159)	-0.274 (0.179)	-0.249 (0.160)
Policy Indicator	0.090 (0.023)	0.068 (0.023)	0.138 (0.104)	0.179 (0.084)
Policy * Trend	-0.007 (0.002)	-0.006 (0.001)	-0.006 (0.002)	-0.005 (0.002)
Policy * US Consumption			-0.162 (0.337)	
Policy * Midwest Consumption				-0.500 (0.364)
Constant	0.060 (0.036)	0.040 (0.032)	0.020 (0.091)	-0.043 (0.068)
F – Joint Significance of Policy Variables (p-value in parentheses)	10.71 (0.0004)	10.97 (0.0003)	7.021 (0.0012)	8.187 (0.0005)
F	18.25	22.51	14.83	19.67
R^2	0.765	0.801	0.767	0.814
Actual Consumption, 2003	0.18	0.18	0.18	0.18
Predicted Consumption, 2003	0.32 (0.033)	0.32 (0.030)	0.31 (0.048)	0.29 (0.037)
Difference (gallons of ethanol) (p-value for difference in parentheses)	-0.14 (0.0002)	-0.14 (0.0001)	-0.13 (0.0128)	-0.11 (0.0066)

Note: Standard errors in parentheses (except as noted).

TX579-011

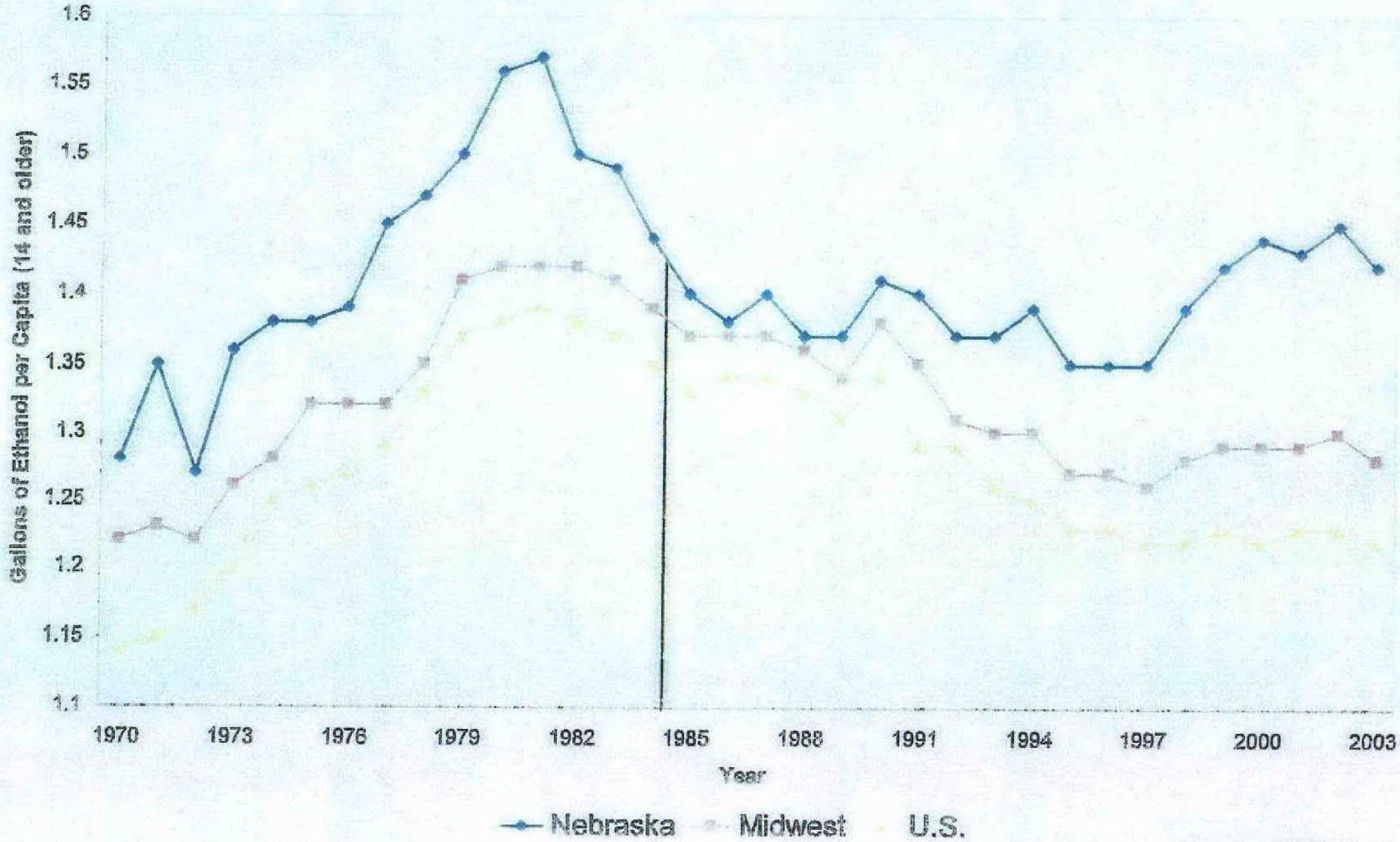
Actual and Predicted Nebraska Consumption
Wine, 1970-2003



TX579-012

Resp to Costco RFP
P08613

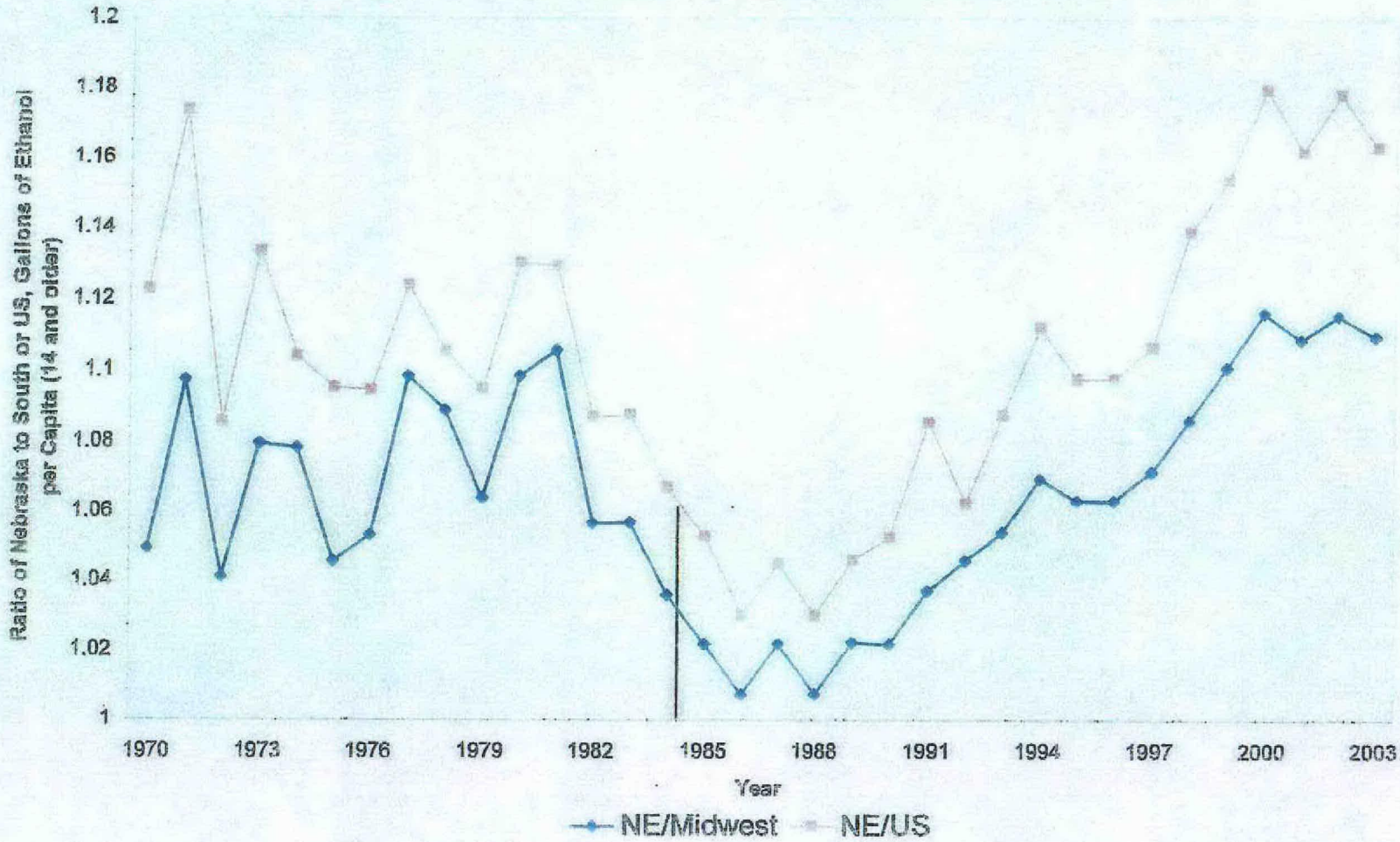
Beer Consumption, per Capita (14 and older)
Nebraska, Midwest, and United States, 1970-2003



TX579-013

Resp to Costco RFP
P08614

Relative Beer Consumption per Capita
Nebraska, Midwest, and United States, 1970-2003



TX579-014

Resp to Costco RFP
P08615

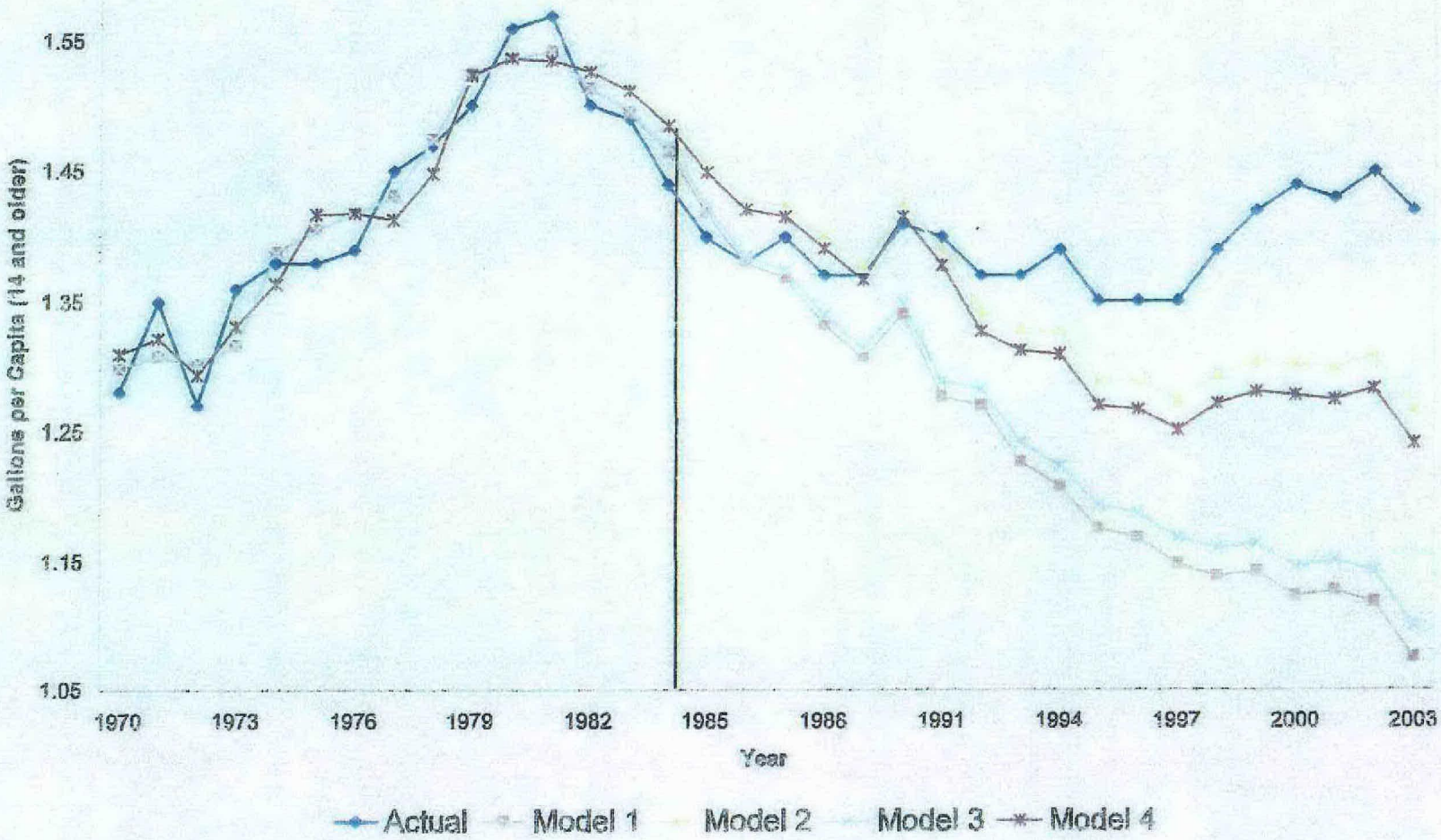
Nebraska: Apparent Consumption per Capita (14 and older): Beer, 1970-2003

Variable	Model 1	Model 2	Model 3	Model 4
Trend	-0.012 (0.005)	-0.005 (0.004)	-0.011 (0.006)	-0.005 (0.005)
US Consumption	1.208 (0.187)		1.161 (0.254)	
Midwest Consumption		1.169 (0.172)		1.224 (0.277)
Alcohol Tax	-6.005 (1.841)	-3.521 (1.740)	-6.105 (1.907)	-3.451 (1.791)
Policy Indicator	-0.349 (0.067)	-0.252 (0.051)	-0.487 (0.501)	-0.134 (0.461)
Policy * Trend	0.020 (0.006)	0.012 (0.005)	0.020 (0.006)	0.013 (0.005)
Policy * US Consumption			0.105 (0.376)	
Policy * Midwest Consumption				-0.091 (0.351)
Constant	0.148 (0.207)	0.014 (0.216)	0.205 (0.294)	-0.055 (0.346)
F – Joint Significance of Policy Variables (p-value in parentheses)	26.31 (0.0000)	24.92 (0.0000)	16.99 (0.0000)	16.08 (0.0000)
F	56.38	60.34	45.45	48.62
R^2	0.910	0.915	0.910	0.915
Actual Consumption, 2003	1.42	1.42	1.42	1.42
Predicted Consumption, 2003	1.08 (0.140)	1.27 (0.109)	1.10 (0.170)	1.24 (0.152)
Difference (gallons of ethanol) (p-value for difference in parentheses)	0.34 (0.0201)	0.15 (0.1727)	0.32 (0.0717)	0.18 (0.2468)

Note: Standard errors in parentheses (except as noted).

TX579-015

Actual and Predicted Nebraska Consumption
Beer, 1970-2003



TX579-016

Resp to Costco RFP
P08617