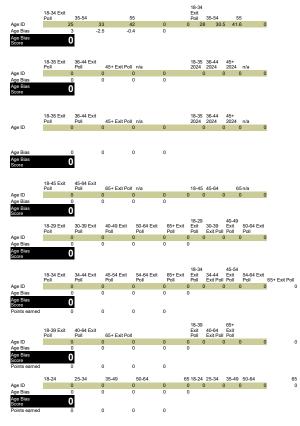
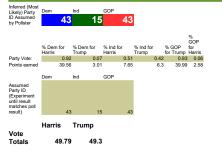
			LATOR		Racial						
s Multiplier	Party ID	Gender	Education	Region	Demo	Age					
vel of Bias nificance) s by	1				5	5 5					
eogry /ERALL 24 POLL AS (+ is	-3		NO SIGNIFICANT BIAS,	DEFINITE BIAS,	SEVERE	15 (	,				
m, - is DP bias)	-110	SCALE>>>		EXCESSIVE (50-100)	BIAS (100+)						
t polls equal als a Repu ust polls wit bly the prop s. Sometim nferring tho	Is a 0 value. A blican bias. T h this score in er party ID, ge nes pollsters h se. The calcu	A positive scor he higher the mind. Usual nder ID, educ ide the party I lators for infer	<ul> <li>A perfect bia re equals a Den value of the nur ly the adjustmen ation ID to the p D, gender ID or rring these party hough if they pro-</li> </ul>	nocratic bias. / mber, the wors nt is straightfor party votes prov education ID, / ID values can	A negative e the bias. ward in tha vided in the but I have be found I	score I will t I can cross methods pelow.					
	Dem 2020 Exit Poll	GOP 2020 Exit Poll	Dem 2024 Poll	GOP 2024 Poll	I						
ty ID ues ty ID erence	3	7 : 5	37 4 8	2 4	5						
ty ID Bias ore (+ is m, - is GOP s)			8								
	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2024 Poll	Male 2024 Poll	_						
nder ID ues nder ID s	5	2 4	48 4 3	9 5	1						
s al Gender Bias (+ is n, - is GOP 5)	-(		3								
	College Degree or + 2020 Exit Po	No College Degree or + Il 2020 Exit P	College Degree or + oll 2024 Exit Po	No College Degree or + Il 2024 Exit Po							
ucation ues ucation Bias	4	1 : 0	59 4 0	1 5	9						
Ication Blas al Score (+ lem, - is P bias)			U								
r blaby	Northeast	South 2020	Midwest 202	0 West 2020	North- east 202	4 2024	Midwest 2024	2024			
gional ues tional polls /)	2020 Exit Po		Exit Poll	Exit Poll	Poll 2 1	Poll	Poll 3	Poll 24			
r) gional Bias tional Polls y)		2			2						
gional Bias are (+is m, -is GOP s)	-1	n/a									
	White 2020 Exit Poll	Black 2020 Exit Poll	latino	other	White 2020 Exi Poll	Black 2020 t Exit Poll	latino	other			
cial ID centage cial Polling	6	7	13 1		8 7	70 12		: 4			
nple Bias cial Bias cre (+ is			-1 -	1 -	4						
n, - is GOP s)	-9	9									
	18-44		45 -		•	18-44	45				
e ID e Bias e Bias ore						0 40	) 60	· C		0	0
	48-20 5-44	40.64 Evit									
e ID e Bias	-	4	65+ Exit Poll 46 2 0	2	0	18-39 0 29	40-64 46	65 25	n/a	0	
e Bias ore	(	n/a									
_	18-29 Exit Poll	30-44 Exit Poll	45-64 Exit Poll 23 3	65+ Exit Poll	_	2024 Poll	30-44 2024 Poll		60+ Poll		
e ID e Bias e Bias ore	1 #VALUE	E! #VALU	23 3 E! #VALUE	8 2 E! #VALUE	2	0 -	-	-	-		
			45-64 Exit Poll	65+ Exit Poll		2024	30-44 2024 Poll	45-64 2024 Poll	65+ Poll		
e ID 9 Bias 9 Bias re			0	0	0		) (	0		0	
	18-29 Exit Poll	30-39 Exit Poll	40-49 Exit Poll 16 1 E! #VALUE	50-60 Exit Poll	60+ Exit Poll	18-29 Exit Poll 82 -	30-39 Exit Poll	Poll	50-60 Exi Poll	60+ Exit	
D	1						-				35

Fox News, National, 10/11-10/14



Harris Trump Vote Totals 0 0

# ADJUSTED PARTY ID CALULATOR



### CALCULATOR TO DETERMINE ADJUSTED POLL RESULT WHEN NON-WHITE EDUCATION ID IS LEFT OUT

	College Degree or +Degree	No College Degree
based on education Vote		

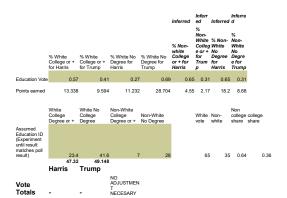
INFER	RED	Ρ/	ART	ΥII	D CA	LL	JLAT	OF	र		
(Most Likely) Party ID	Dem		Ind		GOP						
Assumed by Pollster		32		39		29					
	% Dem f Harris		% Dem Trump	for	% Ind for Harris		% Ind for Trump			% GOP 1 Harris	or
Party Vote:		0.95		0.03		0.5	0	0.47	0.95		0.04
Points earned		30.4		0.96		19.5	18	8.33	27.55		1.16
	Dem		Ind		GOP						
Assumed Party ID (Experiment until result matches poll result)		32		39	1	29					
V-4-	Harris		Trum	р							
Vote Totals	-		-		n/a						

INFER	RED G	ENDER	ID CA	LCULA
Gender ID based on Gender Vote	Women 49	Men 51		
	Harris		Harris	% Men for Trump
Gender Vote	0.5	3 0.45	0.44	0.55
Points earned	25.9	7 22.05	22.44	28.05
	Women	Men		
Assumed Gender ID (Experiment until result matches poll result)	4	9 51		
	Harris	Trump		
Vote	48.4	50.1		
Totals	48.4	50.1		

INFERRED QUINNIPIAC EDUCATION ID CALCULATOR TO DETERMINE ADJUSTED POLL RESULT WHEN NON-WHITE EDUCATION ID IS LEFT OUT

Education ID based on education Vote	College Degree or +Degree	No College Degree	
---	---------------------------------	----------------------	--

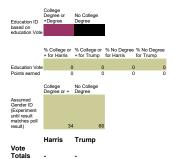
Page 2



#### Inferred Inferred Inferred % White % White % White No % White No % Non-White % No Education Vote 0.48 0.49 0.48 0.51 0.65 0.31 0.65 19.68 20.09 28.32 30.09 0 0 0 Points earned 0 White White No Non-White College College College Non-White Degree or + Degree Degree or + No Degree Non college White vote Non-white share college share 41 48 100 0 0.59 0.41 50.18 Harris Trump Vote 48.00 50.18 Totals

Sheet1

## EDUCATION ID CALCULATOR

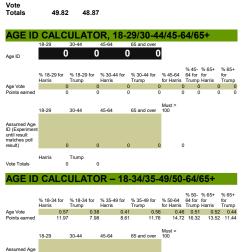


-

Racial ID based on Racial Vote

Points earned

INFERRED RACIAL DEMOS CALCULATOR Racial ID based on Racial Vote 70 12 12 
 % White for
 % White for
 % Black for</thack for</thack for</th>
 % Black for
 31.5 37.1 8.04 3.48 5.76 6.12 2.36 1.48 Points earned Assumed White Black LATINO OTHER 70 12 12 Harris Trump 4 Vote Totals 47.66 48.18



ADJUSTED RACIAL DEMOS CALCULATOR

 Racial Vote
 % White for Hamis
 % White for Tump
 % Black for Hamis
 % Black for Tump
 LATIN 0.45
 OTHE 0.53
 OTHE 0.67
 OTHE 0.48
 0.51
 0.59
 0.37

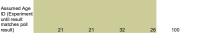
30.15 35.51 8.71 3.77 6.24 6.63 4.72 2.96

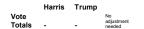
8

0.59 0.37

67 13 13

Assumed Racial ID White Black LATINO OTHER 67 13 13 Harris Trump





## INFERRED AGE ID CALCULATOR - 18-34/35-49/50-64/65+

	18-29	30-44	45-64	65 and 0	ver				
Age ID		40	60 -	-	<<	~~~~ ~~			<<<<
	18-44	18-44		45	45 -	-	-		
Age Vote		0.48	0.51	0.48	0.49	0.46	0.51	0.52	0.44
Points earned		19.2	20.4	28.8	29.4	#VALUE!	#VALUE!	#VALUE!	#VALUE!



Harris Trump Vote Totals 48 49.8

64/65+	18-29	30-44	45-64	65 and ove					
ge ID	1	41	<b>4</b> 1	14 3	40-	40-49 50-	34 50-64		
ge Vote	0	s 18-29 Trun ).6 0	.37 (	).51 0	mp 49Harris ).43 0	Trump Har 43 0.48	ris Trump 0.4 0.56	65+ Harris 65+ 0.46	0
oints earned	8				6.02 6.0	02 6.72	12.8 17.92	11.96	13
	18-29	30-39 Exit Poll	40-49 Exit Poll	50-64 Exit Poll	65+ Exit Poll				
ssumed Age (Experimen	t								
ntil result natches poll esult)		14	14	14	32	26			
sour)	Harris	Trump	14	14	52 .	20			
/ote									
otals		0	<b>0</b> n/a						
	JUSTED	VOTE - 4	VFRAGE	OF ALL E					
ALCULA	TORS A								
larris 48.9	Trump <b>49</b> .	6		<<<<<<					
Fox Ne									
			Score	0, no b	ias				
	Party ID	Gender	Education	Region	Racial Demo	Age			
lias Multiplier Level of Bias Significance)		10	5	5	5	5 5			
ias by ateogry		0	0	0	0	0 0			
VERALL			NO			-			
BIAS (+ is Dem, - is			SIGNIFICA BIAS,	NT DEFINITE BIAS, BLE EXCESSIV					
OP bias)		OSCALE>>>	(0-50)	(50-100)	(100+)				
Inderstanding xit polls equa	the Overall F Is a 0 value.	Poll Bias Score A positive sco The bigher the	a – A perfect b re equals a D value of the r	emocratic bias	ompared to t . A negative	he 2020 score			
djust polls wit pply the prop	th this score i er party ID, g	n mind. Usua ender ID, edu	lly the adjustn cation ID to the	emocratic bias number, the wo nent is straightf e party votes p	orward in the rovided in the	at I can a cross			
abs. Sometin f inferring tho legional bias	nes polisters l se. The calc usually can't l	hide the party ulators for infe be inferred all	ID, gender ID rring these pa though if they	or education II arty ID values c provide how ea	D, but I have an be found ach region vo	methods below. des they			
an.						,			
	Dem 2020 Exit Poll	GOP 2020 Exit Poll	Dem 2024 Poll	GOP 2024 Poll					
Party ID Values	:	37	37	43	43				
Party ID Difference Party ID Bias		6	6						
any ib bias core (+ is 0em, - is GOF	,	0							
(as)			<b>F</b> 1 0						
Sender ID	Exit Poll	0 Male 2020 Exit Poll	Poll	24 Male 2024 Poll					
/alues Gender ID			48	52	48				
ias inal Gender		0	0						
D Bias (+ is )em, - is GOP		0							
(65)									
	College Degree or +	No College Degree or	<ul> <li>Degree or</li> </ul>	No College + Degree or	+				
			oll 2024 Exit	Poll 2024 Exit F	59				
ducation		••	39	41	38				
alues		0	0						
ducation Bias		0	0						
ducation Bias ducation Bias ducation Bias inal Score (+ s Dem, - is	3	0	0						
ducation Bias ducation Bias ducation Bias	3		0		North	South Mid	west Work		
ducation Bias ducation Bias ducation Bias inal Score (+ s Dem, - is	3	O South 2020		020 West 2020 Exit Poll	North- east 202 Poll	South Mid 4 2024 202 Poll Pol	4 2024		
Alues Aucation Bia: Aucation Bia: Alucation Bias Alucation Bias Aucation	Northeast	O South 2020	Midwest 2		) east 202	4 2024 202	4 2024		
(alues iducation Bias inal Score (+ s Dem, - is SOP bias) Regional (alues national polls nly)	Northeast 2020 Exit Pe	O South 2020 Dill Exit Poll	Midwest 2		east 202 Poll	4 2024 202	4 2024		
Regional /alues national polls wnly) Regional Bias National Polls Dnly)	Northeast 2020 Exit Po	O South 2020 Dill Exit Poll	) Midwest 2 Exit Poll	Exit Poll	east 202 Poll	4 2024 202 Poll Pol	4 2024 Poll		
falues iducation Bias inal Score (+ s Dem, - is sOP bias) Algues national polls nky vegional Bias National Polls hy	Northeast 2020 Exit Pr	0 South 2020 oll Exit Poll 20 -2	Midwest 2 Exit Poll	Exit Poll	Poll	4 2024 202 Poll Pol	4 2024 Poll		
falues ducation Bia: ducation Bia: inal Score (+ Dem is SOP bias) SOP bias) kegional ational polis hy) kegional Bias National Polis hy) kegional Bias kational Polis hy) kegional Bias kore (+ is hy) - is constant the source of the so	Northeast 2020 Exit Pr	O South 2020 oll Exit Poll	Midwest 2 Exit Poll	Exit Poll	Poll	4 2024 202 Poll Pol	4 2024 Poll		
falues ducation Bia: ducation Bia: inal Score (+ Dem is SOP bias) SOP bias) kegional ational polis hy) kegional Bias National Polis hy) kegional Bias kational Polis hy) kegional Bias kore (+ is hy) - is constant the source of the so	Northeast 2020 Exit Pr	0 South 2020 oll Exit Poll 20 -2	Midwest 2 Exit Poll	Exit Poll	Poll	4 2024 202 Poll Pol 18 36	4 2024 Poll		
falues ducation Bia: ducation Bia: inal Score (+ Dem is SOP bias) SOP bias) kegional ational polis hy) kegional Bias National Polis hy) kegional Bias kational Polis hy) kegional Bias kore (+ is hy) - is constant the source of the so	Northeast 2020 Exit Pi	0 South 2020 oll Exit Poll 20 -2	Midwest 2 Exit Poll 35	Exit Poll	east 202 Poll 22 2 White 2020 Ex	4 2024 202 Poll Pol 18 36 Black 2020 t Exit	4 2024 Poll		
duces ducation Bia: ducation Bia: inal Score (+ John, - Is SOP bias) Regional falues nby Regional Bias National Polls National Polls National Polls National Polls National Bias core (+ Is Bias Core (+ Is Bias Core (+ Is) Regional Bias Core (+ Is) Regional Bias Regional Bias Regional Bias Regional Polls Regional Bias Regional Polls Regional Bias Regional Bias Reg	Northeast 2020 Exit Pi 2 White 2020 Exit Pol	0 South 2020 oil Exit Poll 20 -2 0 n/a Black 2020 Exit Poll	Midwest 2 Exit Poll 35 1	Exit Poll 23 0 other	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 2024 202 Poll Poll 18 36 18 36 18 2020 t Exit Poll latir	4 2024 Poli 23 24		
falues (ducation Biat (ducation Biat inal Score () Dem, - is () Dem, - is () Dem, - is () Composition () (alues national polls ny) Astional Polls ny) Astional Polls Ny) Astional Polls Ny Astional Polls () Astional Composition () () () () () () () () () ()	Northeast 2020 Exit Pi 2 White 2020 Exit Pol	0 south 2020 co -2 0 n/a Black 2020 Exit Poll	Midwest 2 Exit Poll	Exit Poll 23 0 other 13	22 22 2 White 2020 Ex Poll	4 2024 202 Poll Pol 18 36 Black 2020 t Exit	4 2024 Poll		
falues (ducation Biat (ducation Biat inal Score () Dem, - is () Dem, - is () Dem, - is () (ducat alues national polls ny) kegional Bias keron (+ is bem, - is GOF ias) Autional Polls ny) Autional Polls ny) Autional Polls (core (+ is per, - is GOF ias) Autional Polls (core (+ is per, - is GOF ias)	Wortheast 2020 Exit Pi 2020 Exit Pi 2020 Exit Pol	0 South 2020 oil Exit Poll 20 -2 0 n/a Black 2020 Exit Poll	Midwest 2 Exit Poll 35 1	Exit Poll 23 0 other	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 2024 202 Poll Poll 18 36 18 36 18 2020 t Exit Poll latir	4 2024 Poli 23 24		
falues (ducation Biat (ducation Biat inal Score () Dem, - is () Dem, - is () Dem, - is () (ducat alues national polls ny) kegional Bias keron (+ is bem, - is GOF ias) Autional Polls ny) Autional Polls ny) Autional Polls (core (+ is per, - is GOF ias) Autional Polls (core (+ is per, - is GOF ias)	Wortheast 2020 Exit Pi 2020 Exit Pi 2020 Exit Pol	0 south 2020 co -2 0 n/a Black 2020 Exit Poll	Midwest 2 Exit Poll	Exit Poll 23 0 other 13	22 22 2 White 2020 Ex Poll	4 2024 202 Poll Poll 18 36 18 36 18 2020 t Exit Poll latir	4 2024 Poli 23 24		
ducation Biat ducation Biat inal Score (+ Dem, - is + OP bias) tegional datues hational polls ny) tegional Bias core (+ is tem, - is GOF ias)	Northeast 2020 Exit Pr White 2020 Exit Pol	0 South 2020 20 -2 0 n/a Black 2020 Exit Poll 67 0	Midwest 2 Exit Poll 35 1 I I I I I I I I I I I I I I I I I I	Exit Poll 23 0 other 13	22 22 2 White 2020 Ex Poll	4 2024 202 Poll Poll 18 36 Black 2020 It Exit 2020 It Exit 67 13	4 2024 Poll 23 24 10 other 13 8		
/alues Education Bia: final Score (+ s Dem, - is SOP bias) Regional /alues national polls mily)	Northeast 2020 Exit P	0 south 2020 cell Exit Poll 20 -2 0 n/a Black 2020 Exit Poll 57 0	Midwest 2 Exit Poll	Exit Poll 23 0 other 13	22 22 2 White 2020 Ex Poll	4 2024 202 Poll Poll 18 36 18 36 18 2020 t Exit Poll latir	4 2024 Poli 23 24	0	

Sheet1