Racial ID	White 2020 Exit Poll	Black 2020 Exit Poll	Other 2020 Exit Poll	2020	latino	White 2024 Exit Poll	Black 2024 Exit Poll	Other 2024 Exit Po	al I	
Racial ID percentage	8	86	6	6	0	8	3 6	3	6	0
Racial Polling Sample Bias Racial Bias Score (+ is GOP, - is Dem bias)		0 n/a – Quinnipiac did not provide da for non- whites		0	C)				
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Poll	35-49 Exit Poll	50-64 Exit Poll	65+ E		18-34 2024 poll	2024 poll	poll	65+ 2024 poll	
Age ID Age Bias	2	0	21	32	26		1 2		32	26
Age Bias Score		0	-	-	-					
	18-29 Exit Poll	30-44 Exit Poll	45-59 Exit Poll			18-29 2024 Poll		45-59 Exit Po		
Age ID Age Bias Age Bias Score		14 0 0	21 0	30 -4	35 4		1 2'		26	39
	18-35 Exit Poll	36-44 Exit Poll	45+ Exit Po			18-35 2024	36-44 2024	2024	n/a	
Age ID Age Bias Age Bias Score		0	0	0	0) ()	0	0
	18-35 Exit Poll	36-44 Exit Poll	45+ Exit Po	oll n/a		18-35 2024	36-44 2024		n/a	
Age ID		0	0	0	0) ()	0	0
Age Bias		0	0	0	0					
Age Bias Score										
	18-45 Exit Poll	45-64 Exit Poll	65+ Exit Po	olin/a		18-45	45-64		65 n/a	
			65+ Exit Po 0	oll n/a 0	0) (45-64) (65 n/a 0	0

10 17

-10

19 17

3

-17 -19 -17

of inferring thos Regional bias u can.							
	Dem 2020 Exit Poll	GOP 2020 Exit Poll	Dem 202 Poll		GOP 2024 Poll		I
Party ID Values	32	2	37	32		34	31
Party ID Difference	()	-3				
Party ID Bias Score (+ is Dem, - is GOP bias)	3						
	Female 2020 Exit Poll	Male 2020 Exit Poll	Female 2 Poll		Male 2024 Poll		
Gender ID Values	50)	50	54		46	
Gender ID Bias	4		-4				
Final Gender ID Bias (+ is Dem, - is GOP bias)	8						
	College Degree or + 2020 Exit Pol	No College Degree or 2020 Exit F	+ Degree o	r+	No College Degree or 2024 Exit F (Enter as a negative number)	+ Poll	
Education Values	34		66	34		66	
Education Bias	(0	0				
Education Bias Final Score (+ is Dem, - is GOP bias)	0						

Regional Values (national polls only) Regional Bias (National Polls Only) Regional Bias Score (+ is Dem, - is GOP bias)

14

-14

0 _{n/a}

22

-22

	as Sco	WI, 10/1 ore 78 t			s, def	inite	e bias,
POLL I	BIAS (CACLU	LATOR				
	Party ID	Gender	Education	Region	Racial Demo	Age Der	
Bias Multiplier (Level of Bias Significance)		10	6	6	3	5	4
Bias by Cateogry		30	48	0	0	0	0
OVERALL 2024 POLL BIAS (+ is Dem, - is GOP bias)		8 _{SCALE>>>}	MILD BIAS (0-50)	DEFINITE BIAS, EXCESSIVI (50-100)	SEVER BIAS (100+)	E	
exit polls equal equals a Repu adjust polls wi apply the prop tabs. Sometim of inferring the	Is a 0 value. blican bias. In this score er party ID, g nes pollsters se. The calo	Poll Bias Score A positive scor The higher the in mind. Usual ender ID, educ hide the party I culators for infer be inferred, alt	re equals a De value of the nu ly the adjustme ation ID to the D, gender ID o rring these part	mocratic bias. Imber, the wor ent is straightfor party votes pro- r education ID ty ID values ca	A negative se the bias rward in th ovided in th , but I have n be found	e score s. I will at I can te cross e metho I below.	s ds
	Dem 2020	GOP 2020	Dem 2024	GOP 2024			

Sheet1

39

Age Bias Score

	18-34 Exit Poll	35-49 Exit Poll	50-64 Exit Poll	65+ Exit Pe	18-34 oli 2024 po	2024	2024 poll	2024 poll		
Age ID		0	0	0	0	0	0	0 0)	
Age Bias		0	0	0	0					
Age Bias Score		0								
						18-29		40-49		
	18-29 Exit Poll	30-39 Exit Poll	40-49 Exit Poll	50-64 Exit Poll	65+ Exit Poll	Exit Poll	30-39 Exit Po	Exit II Poll	50-64 Exit Poll	
Age ID		14	14	14	32	26	4	9 16	5	32
Age Bias	-	10	-5	2	0	13				
Age Bias Score		0 _{n/a}								

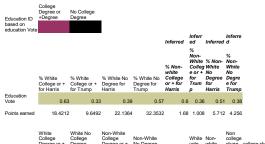
25 40 50 64 65

PARTY ID CALULATOR GOP Inferred (Most Likely) Party ID Assumed by Pollect 32 31 37 % Dem for % Dat for % Ind for % Ind for % OOP for % OOP for for< Party Vote: Points earned Dem Ind GOP Assumed Party ID (Experiment until result matches poll result) 47 32 Harris Trump Vote 46.4 51.4 Totals

GENDER ID CALCULATOR



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



	Degree or +	Degree	Degree or +	No Degree	Vote	white	snare college s	nare
Assumed Education ID (Experiment until result matches poll result)	29.2	4 56.71	3 2.6	3 11.2	86	i 14	0.66	0.34
	47.949		1					
	Harris	Trump						
Vote								
Totals	47.9	9 47.3	5					

EDUCATION ID CALCULATOR

Education ID based on education Vote	College Degree or +Degree	No College Degree			
	% College or	% College or + for Trump		e % No Degre for Trump	e
Education Vote	(0	0	0
Points earned	()	0	0	0

INFERRED GENDER ID CALCULATOR

result) 54 46 Harris Trump Vote Totals 48.3 48.2

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

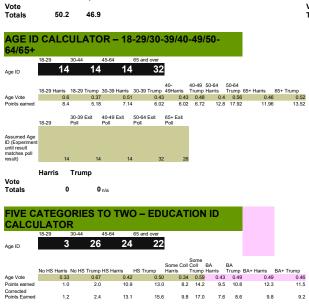
Education (D) Selection (D) Vote No. College Degree Degree No. College Degree Degree No. College Degree Degree No. College Degree No. College No. College Degree No. College No. C			01						
% While % While % While No % While No % Non-while % Non-% % Non-% % % % % % % % % % % % % % % % % % %	Education ID based on education	Degree or		I					
College or + No Degree for Harris No Degree for Trump No no college for Trump No						Inferred	Inferred	Inferred	Inferred
Vote 0.63 0.33 0.39 0.57 0.6 0.36 0.51 0.38 Points earned 18.4212 9.6492 22.1364 32.3532 1.68 1.008 5.712 4.256 White College College College College College Assumed unathere point result) White No College		College or +	College or +	Degree for	Degree for	College or +	College or +	No Degree	No Degree
White White No Non-White Non-White Non-White Degree or + Degree or + Degree or + Non college Non-White Assumed Education 10 Education 10 Education 10 Education 10 Non-White Non-White Non-White Non-White Non-White Non-White Non-White Non-White Share or Indiches poli 29.24 56.76 2.8 11.2 86 14 0.66 47.9496 47.2664 11.2 86 14 0.66		0.63	8 0.33	0.39	0.57	0.6	6 0.36	0.51	0.38
College College College Non-White Non college Assumd College or + Degree or + Degree or + No Degree White vote Non-white Seturation (I) College Seturation (I) Non-white Upper hund Seturation (I) Seturation (I) Non-white Seturation (I) 29.24 56.76 2.8 11.2 7.9496 47.2664 11.2 86 14 0.66	Points earned	18.4212	9.6492	22.1364	32.3532	1.68	8 1.008	5.712	4.256
Education 1D Experiment until result antiches poll result) 29.24 56.76 2.8 11.2 86 14 0.66 47.9496 47.2664		College	College	College			White vote	Non-white	
47.9496 47.2664	Education ID (Experiment until result matches poll	29.24	56 76	. 25	11 2		86	; 14	0.66
	,	47.9496	47.2664						0.00

Page 2

Vote Totals

47.9

47.3



	% 18-34 Harris	for	% 18-34 Trump	for	% 35-49 Harris	for	% 35-49 Trump		% 50-64 Harris		% 50-64 for Trump	% 65+ Harris	for	% 65+ for Trump
Age Vote		0.49		0.48		0.48		0.48		0.46		51	0.58	
Points earned		10.29		10.08		10.08		10.08		14.72	16.	32	15.08	10
	18-29		30-44		45-64		65 and	over	Must = 1	00				
Assumed Age ID (Experiment until result matches poll result)		21		21		32		26		100				
Vote Totals	Harri	s 50.2	Trum	ıp 46.9										

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

Racial Vote	% White for Harris	% White fo Trump	Harris		% Black for Trump	% Other for Harris	% Other for Trump n/a	a n	/a
	0.4	6	0.5	0.51	0.3	88 0.5	1 0.38		
Points earned	39.5	6	43	3.06	2.	28 3.0	5 2.28	0	0
Assumed Racial ID	White	Black	other		n/a				
	8	-	6	6					
	Harris	Trump							
Totals) CALC	- ULAT	provide racial d	ata '	::::::::::::::::::::::::::::::::::::::		64/65 [.]	+	
Totals			racial d	ata (******		64/65 [.]	ł	
Vote Totals AGE IC	CALC	30-44	OR, 1	ata (9/30-4		64/65·	ł	
Totals	CALC 18-29	30-44	OR, 1 45-64	ata 8-2	9/30-4	14/45-1 D % 45-64	64/65 % 45- % 64 for for Trump Ha	65+ %	6 65+ or rump
Totals	% 18-29 (0)	30-44 % 18-29 fo	OR, 1 45-64 0	ata 8-2	**************************************	14/45-1 D % 45-64 for Harris 0	% 45- % 64 for for	65+ %	or

0

Must = 65 and over 100

0

College No College Degree or + Degree

Harris Trump

0

0 RACIAL DEMOS CALCULATOR

86 6 6

Assumed Gender ID

Vote

Totals

Racial ID based on Racial Vote

18,29

Harris Trump Vote Totals 0

18-29

30-44

Harris Trump

sumed Age Assumed Age ID (Experiment until result matches poll result)

Age ID

Age Vote

Points earned

Assumed Age ID (Experiment until result matches poll result)

30-44

0

45-64

0

0

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

45-64

21 21 32 26

 % 50- % 65+
 % 55- % 65+

 % 18-34 for
 % 35-49 for
 % 35-49 for
 % 50-84
 64 for for

 Harris
 Trump
 Harris
 Trump
 for Harris
 Trump

 0.49
 0.48
 0.48
 0.48
 0.48
 0.51
 0.58
 0.4

10.29 10.08 10.08 10.08 14.72 16.32 15.08 10.4

Must = 65 and over 100

	% White for Harris	% White for Trump	% Black f Harris				% Other for Trump	n/a	n/a
	0.4	6 0	.5	0.51	0.38	0.51	0.38	1	
Points earned	39.5	6 4	13	2.55	1.9	4.08	3.04	0	0
Assumed Racial ID	White	Black	other	n/a	а				
	8	6	5	8					
	Harris	Trump							
Vote Totals	46.	2 47.	n/a – did provide ra 9 data						

Racial ID based on Racial Vote	White	Black	Latino	Asian	
		86	5	8	0

NFERRED RACIAL	DEMOS CALO	CULATOR

% of each education category included	No HS	HS	Some Coll	BA	BA+		Non BA BA+ Total Total	Corrected Non BA total	Corrected BA+ total
category									
in aluda.		0				100.0	50.0 50.0		4
% of total	3.		6.0 24. 52 0.4			100.0	50.0 50.0	60.0	4
Corrected total per education									
category	3.	.6 3	1.2 28.	8 17.6	3 20.0				
	Harris	Trump							
Vote Totals			1.5						
Corrected									
Vote									
Toals	0.	0 0	.0						
			– AVERA	GE OF A	LL BOL	D F	ACED TO	TALS IN	
CALCUL	ATORS	ABOVE							
HARRIS	TRUMP								
48	48.7	7		~~~~~		~			
		· · · ·	17-10/21						
Adjuste	ed Pol	Bias	Score 0	, no bia	s				
POLL E	SIAS C		LATOR						
			EATON		Racial J	Age		1	
	Party ID	Gender	Education	Region	Demo I	Demo			
Bias Multiplier (Level of Bias									
(Level of Bias Significance)	1	10	6	6 3	3 5	4			
Bias by Cateogry		0	0	o 0	0 0	0			
OVERALL		<u> </u>		ľ		5			
2024 POLL				DEFINITE					
BIAS (+ is Dem, - is				BIAS,	SEVERE				
GOP bias)		O _{SCALE>>>}	MILD BIAS (0-50)	EXCESSIVE (50-100)	BIAS (100+)				
			 A perfect bias 			2020			
exit polls equal	s a 0 value. /	A positive scc	re equals a Dem	ocratic bias. A	negative sc	ore			
equals a Reput	blican bias. T	he higher the	re equals a Dem value of the nur	mber, the worse	the bias. I	will			
adjust polls with	h this score in	n mind Usua	lly the adjustment	nt is straightforw	vard in that I	can			
tabs. Sometim	es pollsters h	nide the party	cation ID to the p ID, gender ID or ming these party	education ID, b	out I have me	ethods			
of inferring those Regional bias u	se. The calcu usually can't b	ulators for infe be inferred all	rring these party hough if they pro	ID values can vide how each	be found bel	low. s they			
can.	,		5 71		5	,			
	Dem 2020	GOP 2020	Dem 2024	GOP 2024					
	Exit Poll	Exit Poll	Poll	Poll	1				
Party ID Values	3	32	37 3	2 37	7 31				
Party ID					01				
Difference		0	0						
Party ID Bias Score (+ is									
Score (+ is Dem, - is GOP bias)	(0							
0(45)									
	Female 2020 Exit Poll	0 Male 2020 Exit Poll	Female 2024 Poll	Male 2024 Poll					
Gender ID	LARTON	Exit Foli	r on	r ou					
Values	5	50	50 5	0 50	l l				
Gender ID Bias		0	0						
Final Gender ID Bias (+ is									
ID Bias (+ is Dem, - is GOP									
bias)		0							
				No College Degree or +					
	Cellege	No College	College	2024 Exit Poll	l.				
	College Degree or +	Degree or +	 Degree or + 	(Enter as a negative					
	2020 Exit Po	/II 2020 Exit P	oll 2024 Exit Pol	I number)					
Education				· · · ·					
Education Values	3	34	66 3						
Values			66 3		5				
Education Values Education Bias		0			5				
Values Education Bias			66 3		3				
Values Education Bias Education Bias Final Score (+ is Dem - is		0	66 3		3				
Values Education Bias			66 3		3				
Values Education Bias Education Bias Final Score (+ is Dem - is		0	66 3		3			_	_
Values Education Bias Final Score (+ is Dem, - is GOP bias)		0	66 3			-		-	-
Values Education Bias Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values		0	66 3					-	-
Values Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values (national polls only)	-	0	66 3	4 66		-		-	-
Values Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values (national polls only) Regional Bias	-	0	66 3 0 -	4 66		- 17		-	-
Values Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values (national polls only)	-	0 0 -	66 3 0 -	4 66 0 17	7 19	- 17 -17		-	-
Education Bias Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values (national polls only) Regional Bias (National Polls Only)	-	0 0 -	66 3 0 22 1	4 66 0 17	7 19			-	-
Values Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values (national polls only) Regional Bias (National Polls Only)	- 1	0 0 14	66 3 0 22 1	4 66 0 17	7 19			-	-
Values Education Bias Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values (National polls only) Regional Bias Score (+ is Dem, - is GOP	- 1	0 0 -	66 3 0 22 1	4 66 0 17	7 19				_
Values Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values (national polls only) Regional Bias (National Polls Only)	- 1	0 0 14	66 3 0 22 1	4 66 0 17	7 19				-
Values Education Bias Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values (National polls only) Regional Bias Score (+ is Dem, - is GOP	- 1	0 0 14	66 3 0 22 1	4 66 0 17	 7 19 7 -19	-17 Black			-
Values Education Bias Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values (National polls only) Regional Bias Score (+ is Dem, - is GOP	- 1	0 0 14 14 0 n/a	66 3 0 - 22 1 22 -1	4 66 0 17	7 19 7 -19 White	-17 Black 2024	Dither 2008	-	-
Values Education Bias Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values (National polls only) Regional Bias Score (+ is Dem, - is GOP	- 1	0 0 14	66 3 0 - 22 1 22 -1	4 66 0 17	7 19 7 -19 White : 2024 Exit	-17 Black 2024 Exit	Other 2024 XII Poll I		-
Values Education Bias Education Bias Final Score (+ is Dem, - is GOP bias) Regional Values (national polis only) Regional Bias (National Polis Only) National Polis Score (+ is Dem, - is GOP bias) Racial ID	- 	0 14 14 Din/a Black 2020 Exit Poll	66 3 0 - 22 1 22 -1 22 -1 0ther 2020 Exit Poli	4 66 - 0 17 0 -17	7 19 7 -19 White :: 2024 Exit Poll	-17 Black 2024 Exit Poll	2024 Exit Poll I		-
Values Education Bias Education Bias Final Score (J Final Score (J GOP bias) Regional Values (national polis ority) Regional Bias (National Polis Ority) Regional Bias Score (+ is Born, - is GOP bias) Regional Bias Score (+ is Born, - is GOP bias)	- 	0 14 14 14 0 n/a Black 2020	66 3 0 - 22 1 22 -1 22 -1 0ther 2020 Exit Poli	4 66 - 0 17 0 -17	7 19 7 -19 White :: 2024 Exit Poll	-17 Black 2024 Exit	2024	-	-
Values Education Bias Education Bias Final Score (J Final Score (J GOP bias) Regional Values (national polis ority) Regional Bias (National Polis Ority) Regional Bias Score (+ is Born, - is GOP bias) Regional Bias Score (+ is Born, - is GOP bias)	- -1 White 2020 Exit Poll 8	0 14 14 14 Elack 2020 Exat Poll 36 0	66 3 0 22 1 22 -1 22 -1 22 -1 5 01her 2020 Exit Pol	4 66 - 0 17 0 -17	7 19 7 -19 7 -19 White 2024 Exit Poll	-17 Black 2024 Exit Poll	2024 Exit Poll I	-	-
Values Education Bias Education Bias Education Bias Education Bias Final Score (+, is Dem, - is GOP bias) Regional Values (national polis only) Regional Bias (National Polis Score (+ is Dem, - is GOP bias) Racial ID percentage Racial ID percentage Racial ID	- -1 White 2020 Exit Poll 8	0 14 14 14 14 14 14 14 14 14 14	66 3 0 22 1 22 -1 22 -1 22 -1 22 5 20 5 6 1 0	4 66 - 0 17 0 -17 2020 latino 6 0	7 19 7 -19 7 -19 White 2024 Exit Poll	-17 Black 2024 Exit Poll	2024 Exit Poll I	-	
Values Education Bias Regional Component Regional Bias Regional Bias Regional Bias Participation Regional Bias Regional Bias Regional Bias Regional Bias Regional Bias	- -1 White 2020 Exit Poll 8	0 14 14 14 14 14 14 14 14 14 14	66 3 0 22 1 22 -1 22 -1 0ther 2020 Ext Pol 6	4 66 - 0 17 0 -17 2020 latino 6 0	7 19 7 -19 7 -19 White 2024 Exit Poll	-17 Black 2024 Exit Poll	2024 Exit Poll I	-	
Values Education Bias Education Bias Final Score (GOP bias) Regional Values Regional Bias (rational pools (rat	- -1 White 2020 Exit Poll	0 0 14 14 14 14 14 14 14 14 14 14 14 14 14	66 3 0 22 1 22 -1 22 -1 0ther 2020 Ext Pol 6	4 66 - 0 17 0 -17 2020 latino 6 0	7 19 7 -19 7 -19 White 2024 Exit Poll	-17 Black 2024 Exit Poll	2024 Exit Poll I	-	
Values Education Bias Education Bias Final Score (GOP bias) Regional Values Regional Bias (Regional Bias Regional Bias Score (s is Dum, - is GOP bias) Regional Bias Regional Regional Regional Region	- -1 White 2020 Exit Poll	0 14 14 14 14 14 14 14 14 14 14	66 3 0 22 1 22 -1 22 -1 0ther 2020 Ext Pol 6	4 66 - 0 17 0 -17 2020 latino 6 0	7 19 7 -19 7 -19 White 2024 Exit Poll	-17 Black 2024 Exit Poll	2024 Exit Poll I	-	
Values Education Bias Education Bias Final Score (GOP bias) Regional Values Regional Bias (rational pools (rat	- -1 White 2020 Exit Poll	0 14 14 14 14 14 14 14 14 14 14	66 3 0 22 1 22 -1 22 -1 0ther 2020 Ext Pol 6	4 66 - 0 17 0 -17 2020 latino 6 0	7 19 7 -19 7 -19 White 2024 Exit Poll	-17 Black 2024 Exit Poll	2024 Exit Poll I	3	

Sheet1