

March 2021

DHM Oregon Panel March Survey Climate & Energy

Crosstabs



Prepared by DHM Research

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DHM Panel Survey

March, 2021; N=600

HOW TO READ CROSSTABLES

Q1. All in all, do you think things are headed in the right direction or are things pretty much on the wrong track?

	Total	Gender	
		Male	Female
Total	1371 100%	599 100% (B)	772 100% (C)
Right direction	943 69%	394 66%	549B 71%
Wrong track	236 17%	126C 21%	100 14%
Don't know	192 14%	79 13%	113 15%

(sig=.05) (all_pairs) columns tested BC

How to Read Crosstables: In the example chart (left), rows represent the three possible response options to the question “All in all, do you think things are headed in the right direction, or are things pretty much on the wrong track?” The three response options are: “right direction,” “wrong track,” and “don’t know.” The amounts in each response category sum to the amount in the “total” row at the top of the table.

The first column, or banner, is the “Total” column. It reflects the overall results.

The next two columns reflect the results of a subgroup, “Gender.” The gender subgroup is composed of Males and Females, each with their own column. Both gender groups are assigned a letter (Male=B, Female=C).

These two columns show how males’ attitudes compare to females’ attitudes. As shown in the chart, 69% of the full sample thinks things are headed in the right direction. Looking at the gender subgroup, 71% of women think things are headed in the right direction, compared to 66% of men.

Statistically Significant Differences: If a pair of cells has a difference which is statistically significant, the larger of the two cells is flagged with the letter of the opposite column. The test shows the difference in females’ attitudes about things being headed in the right direction is statistically

significantly different than those of males’, which is signified by a “B” (the letter given to Males) next to females’ results for “right direction.”

The footnote indicates the level of significance (sig=.05). This level of significance means that 5% of the time, the difference between how the two groups feel about the direction is due to random chance, while 95% of the time the difference is meaningful.

Statement of Limitations: Any sampling of opinions or attitudes is subject to a margin of error, which represents the difference between a sample of a given population and the total population. The margin of error is a statistic expressing the amount of random sampling error in a survey's results and differs by sample size, as reflected in the table below.

Margin of Error Based on Sample Size

N=1200	N=1000	N=800	N=600	N=500	N=400	N=300	N=200	N=150	N=100	N=50
+/- 2.8%	+/- 3.1%	+/- 3.5%	+/- 4.0%	+/- 4.4%	+/- 4.9%	+/- 5.7%	+/- 6.9%	+/- 8.0%	+/- 9.8%	+/- 13.8%

Q1. From what you've read or heard, is there solid evidence that the average temperature on earth has been getting warmer for a few decades, or not?

	Area				Gender		Age				Ethnicity		Education				Income			
	Total	Tri County	Willamette Valley	Rest Of State	Male	Female	18-29	30-44	45-64	65+	White Alone	POC	H.S. Or <	Some Coll	Coll Grad+	< \$50K	\$50K-\$100K	\$100K-\$150K	\$150K Or >	
Total	600 100%	258 100% (B)	156 100% (C)	186 100% (D)	297 100% (E)	297 100% (F)	108 100% (G)	156 100% (H)	186 100% (I)	150 100% (J)	510 100% (K)	90 100% (L)	204 100% (M)	216 100% (N)	180 100% (O)	323 100% (P)	185 100% (Q)	60 100% (R)	33 100% (S)	
Total yes	444 74%	201D 78%	116 74%	127 68%	228 77%	210 71%	78 72%	122 78%	135 73%	108 72%	376 74%	68 75%	136 67%	161 74%	147M 81%	223 69%	141 76%	51P 86%	29P 89%	
Yes, solid evidence. Mostly because of human activity, such as burning fossil fuels	309 52%	148D 57%	83 53%	78 42%	150 50%	157 53%	57 52%	83 53%	96 52%	74 49%	268 53%	41 46%	90 44%	100 46%	119MN 66%	156 48%	93 50%	42PQ 71%	18 56%	
Yes, solid evidence. Mostly because of natural patterns in earth's environment	134 22%	54 21%	32 21%	48 26%	79F 27%	54 18%	22 20%	39 25%	39 21%	34 23%	108 21%	26 29%	46 23%	60O 28%	28 16%	67 21%	48 26%	9 14%	11 33%	
Total no	96 16%	31 12%	27 17%	38B 21%	56 19%	39 13%	15 14%	17 11%	30 16%	34H 23%	83 16%	13 15%	36 18%	38 18%	22 12%	55 17%	33 18%	6 11%	2 5%	
No solid evidence, we just don't know enough yet	70 12%	21 8%	23B 15%	26 14%	42 14%	27 9%	11 10%	13 9%	22 12%	24 16%	59 12%	11 12%	25 12%	29 13%	16 9%	40 12%	24 13%	4 7%	2 5%	
No solid evidence, it's just not happening	26 4%	11 4%	4 2%	12 6%	14 5%	12 4%	4 4%	4 2%	8 4%	10 7%	24 5%	2 2%	11 5%	9 4%	6 3%	15 5%	9 5%	2 4%	-	
Don't know	60 10%	26 10%	13 8%	21 11%	12 4%	48E 16%	15J 14%	17 11%	21 11%	7 5%	51 10%	9 10%	31NO 15%	17 8%	11 6%	45QR 14%	11 6%	2 4%	2 6%	

(sig=.05) (all_pairs) columns tested BCD, EF, GHIJ, KL, MNO, PQRS

DHM Research - DHM Panel Survey, Climate and Energy- March 7-14, 2021

Q1. From what you've read or heard, is there solid evidence that the average temperature on earth has been getting warmer for a few decades, or not?

	Party			Children At Home		Q1: Direction		Q8: Climate Change		Q12: Taxes And Spending			Q36: Worry About COVID-19		
	Total	Dem	Rep	NAV/ Other	Yes	No	Right Dir	Wrong Track	Climate Change Believer	Climate Change Skeptical	De-crease	Keep Same	In-crease	Very/Some-what	Not Too/At All
Total	600 100%	209 100%	152 100%	195 100%	123 100%	477 100%	241 100%	269 100%	309 100%	231 100%	206 100%	238 100%	72 100%	359 100%	222 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
Total yes	444 74%	188CD 90%	88 58%	137C 70%	94 76%	350 73%	222H 92%	168 63%	309J 100%	134 58%	119 58%	208K 87%	65K 90%	308O 86%	129 58%
Yes, solid evidence. Mostly because of human activity, such as burning fossil fuels	309 52%	166CD 79%	38 25%	88C 45%	69 56%	240 50%	191H 79%	84 31%	309J 100%	-	62 30%	154K 65%	53K 74%	243O 68%	62 28%
Yes, solid evidence. Mostly because of natural patterns in earth's environment	134 22%	22 10%	51B 33%	49B 25%	25 20%	110 23%	30 13%	84G 31%	-	134I 58%	58 28%	53 22%	12 16%	65 18%	67N 30%
Total no	96 16%	10 5%	49BD 32%	28B 15%	18 14%	78 16%	10 4%	75G 28%	-	96I 42%	61LM 30%	19 8%	4 6%	27 8%	64N 29%
No solid evidence, we just don't know enough yet	70 12%	9 4%	32BD 21%	21B 11%	15 12%	55 12%	9 4%	51G 19%	-	70I 30%	41LM 20%	15 6%	4 6%	19 5%	46N 21%
No solid evidence, it's just not happening	26 4%	2 1%	16BD 11%	7 4%	3 2%	23 5%	1 *	24G 9%	-	26I 11%	20LM 10%	4 1%	-	8 2%	18N 8%
Don't know	60 10%	11 5%	15 10%	29B 15%	11 9%	49 10%	9 4%	26G 9%	-	-	26L 13%	12 5%	3 4%	24 7%	29N 13%

(sig=.05) (all_pairs) columns tested BCD, EF, GH, IJ, KLM, NO
 Note: Percentage less than 0.5 printed as *.

Q2. How concerned are you, if at all, that global climate change will harm you personally at some point in your lifetime?

	Area				Gender		Age				Ethnicity		Education				Income		
	Total	Tri County	Willa- mette Valley	Rest Of State	Male	Fe- male	18-29	30-44	45-64	65+	White Alone	POC	H.S. Or <	Some Coll	Coll Grad+	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >
Total	600 100%	258 100% (B)	156 100% (C)	186 100% (D)	297 100% (E)	297 100% (F)	108 100% (G)	156 100% (H)	186 100% (I)	150 100% (J)	510 100% (K)	90 100% (L)	204 100% (M)	216 100% (N)	180 100% (O)	323 100% (P)	185 100% (Q)	60 100% (R)	33 100% (S)
Very/Somewhat	364 61%	173D 67%	91 58%	101 54%	162 55%	199E 67%	71J 65%	111IJ 71%	108 58%	74 49%	306 60%	59 65%	114 56%	124 57%	127MN 71%	189 59%	115 63%	43 71%	17 51%
Very concerned	167 28%	90CD 35%	36 23%	40 22%	64 22%	100E 34%	31J 29%	60J 38%	53J 29%	22 15%	144 28%	23 25%	49 24%	61 28%	57 32%	81 25%	58 31%	19 32%	9 27%
Somewhat concerned	197 33%	82 32%	55 35%	60 32%	98 33%	99 33%	39 36%	51 33%	55 30%	52 35%	161 32%	36 40%	65 32%	63 29%	70 39%	108 33%	58 31%	24 40%	8 24%
Not too/Not at all	218 36%	75 29%	59 38%	84B 45%	127F 43%	90 30%	31 28%	41 26%	74H 40%	72GH 48%	189 37%	29 32%	81O 40%	86O 40%	51 28%	121 38%	66 36%	14 23%	16R 49%
Not too concerned	114 19%	47 18%	30 19%	37 20%	54 18%	60 20%	20 18%	27 17%	35 19%	32 21%	98 19%	16 18%	46 23%	41 19%	26 15%	63 20%	31 17%	10 16%	10 30%
Not at all concerned	104 17%	28 11%	29B 18%	47B 25%	72F 24%	30 10%	11 10%	13 9%	39GH 21%	40GH 27%	91 18%	13 14%	35 17%	45 21%	24 13%	58 18%	35R 19%	4 7%	6 19%
Don't know	18 3%	10 4%	6 4%	1 1%	8 3%	9 3%	7 6%	4 3%	4 2%	4 2%	16 3%	2 3%	9 5%	7 3%	2 1%	12 4%	3 2%	3 5%	-

(sig=.05) (all_pairs) columns tested BCD, EF, GHIJ, KL, MNO, PQRS

Q2. How concerned are you, if at all, that global climate change will harm you personally at some point in your lifetime?

	Party				Children At Home		Q1: Direction		Q8: Climate Change		Q12: Taxes And Spending			Q36: Worry About COVID-19	
	Total	Dem	Rep	NAV/Other	Yes	No	Right Dir	Wrong Track	Climate Change Believer	Climate Change Skeptical	De-crease	Keep Same	In-crease	Very/Some-what	Not Too/Not At All
Total	600 100%	209 100%	152 100%	195 100%	123 100%	477 100%	241 100%	269 100%	309 100%	231 100%	206 100%	238 100%	72 100%	359 100%	222 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
Very/Somewhat	364 61%	178CD 85%	56 37%	110C 56%	85F 69%	279 58%	198H 82%	108 40%	267J 86%	77 33%	83 40%	169K 71%	62KL 85%	276O 77%	81 36%
Very concerned	167 28%	99CD 47%	19 12%	37 19%	47F 38%	120 25%	100H 42%	43 16%	143J 46%	19 8%	28 13%	80K 34%	34K 47%	147O 41%	18 8%
Somewhat concerned	197 33%	79C 38%	37 25%	72C 37%	38 31%	159 33%	98H 41%	65 24%	124J 40%	58 25%	55 27%	89K 37%	27 38%	129 36%	63 28%
Not too/Not at all	218 36%	27 13%	94BD 62%	75B 38%	33 27%	184E 39%	42 17%	153G 57%	41 13%	148I 64%	115LM 56%	67M 28%	10 14%	76 21%	137N 62%
Not too concerned	114 19%	16 8%	43B 29%	40B 20%	22 18%	92 19%	33 14%	69G 26%	33 11%	64I 28%	47M 23%	43 18%	7 10%	56 16%	57N 26%
Not at all concerned	104 17%	11 5%	50BD 33%	35B 18%	11 9%	92E 19%	9 4%	84G 31%	8 3%	84I 37%	68LM 33%	24 10%	3 4%	20 6%	80N 36%
Don't know	18 3%	4 2%	2 1%	10 5%	4 4%	14 3%	1 *	8 3%	2 1%	6 3%	9L 4%	1 1%	1 1%	7 2%	4 2%

(sig=.05) (all_pairs) columns tested BCD, EF, GH, IJ, KLM, NO
 Note: Percentage less than 0.5 printed as *.

Q3. Do you think Oregon should take additional steps to combat climate change?

	Area				Gender		Age				Ethnicity		Education				Income		
	Total	Tri County	Willa- mette Valley	Rest Of State	Male	Fe- male	18-29	30-44	45-64	65+	White Alone	POC	H.S. Or <	Some Coll	Coll Grad+	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >
Total	600 100%	258 100%	156 100%	186 100%	297 100%	297 100%	108 100%	156 100%	186 100%	150 100%	510 100%	90 100%	204 100%	216 100%	180 100%	323 100%	185 100%	60 100%	33 100%
Yes	342 57%	171D 66%	87 56%	84 45%	152 51%	184E 62%	72IJ 66%	102IJ 66%	98 53%	70 47%	283 55%	59 65%	114 56%	108 50%	119MN 66%	179 55%	108 59%	37 62%	17 52%
No	155 26%	44 17%	47B 30%	64B 35%	107F 36%	48 16%	12 11%	32 21%	53G 28%	58GH 39%	135 27%	20 22%	50 24%	72O 33%	34 19%	75 23%	56 31%	12 21%	12 36%
Don't know	103 17%	44 17%	22 14%	38 20%	38 13%	65E 22%	24 22%	21 14%	35 19%	22 15%	92 18%	11 13%	41 20%	36 17%	27 15%	69Q 21%	20 11%	10 17%	4 11%

(sig=.05) (all_pairs) columns tested BCD, EF, GHIJ, KL, MNO, PQRS

Q3. Do you think Oregon should take additional steps to combat climate change?

	Party			Children At Home		Q1: Direction		Q8: Climate Change		Q12: Taxes And Spending			Q36: Worry About COVID-19		
	Total	Dem	Rep	NAV/ Other	Yes	No	Right Dir	Wrong Track	Climate Change Believer	Climate Change Skeptical	De-crease	Keep Same	In-crease	Very/Some-what	Not Too/At All
Total	600 100%	209 100%	152 100%	195 100%	123 100%	477 100%	241 100%	269 100%	309 100%	231 100%	206 100%	238 100%	72 100%	359 100%	222 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
Yes	342 57%	174CD 83%	45 30%	105C 54%	83F 67%	259 54%	197H 82%	102 38%	265J 86%	58 25%	72 35%	168K 71%	56K 77%	264O 73%	69 31%
No	155 26%	13 6%	79BD 52%	52B 27%	28 23%	128 27%	13 5%	134G 50%	7 2%	134I 58%	99LM 48%	43M 18%	5 7%	45 13%	105N 47%
Don't know	103 17%	22 10%	27B 18%	38B 19%	12 10%	91E 19%	32 13%	33 12%	37 12%	39 17%	35 17%	26 11%	12 16%	50 14%	48N 22%

(sig=.05) (all_pairs) columns tested BCD, EF, GH, IJ, KLM, NO

Q4. Support/Oppose the following policy that is being considered by the Oregon Legislature:
 Require 100% of the electricity sold to Oregon customers be from clean energy sources by 2035

	Area				Gender		Age				Ethnicity		Education				Income			
	Total	Tri County	Willa- mette Valley	Rest Of State	Male	Fe- male	18-29	30-44	45-64	65+	White Alone	POC	H.S. Or <	Some Coll	Coll Grad+	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	
Total	600 100%	258 100% (B)	156 100% (C)	186 100% (D)	297 100% (E)	297 100% (F)	108 100% (G)	156 100% (H)	186 100% (I)	150 100% (J)	510 100% (K)	90 100% (L)	204 100% (M)	216 100% (N)	180 100% (O)	323 100% (P)	185 100% (Q)	60 100% (R)	33 100% (S)	
Total support	358 60%	171D 66%	90 58%	97 52%	158 53%	196E 66%	81IJ 75%	107IJ 68%	104 56%	67 45%	297 58%	61 68%	116 57%	123 57%	119 66%	199 62%	108 58%	35 59%	16 50%	
Strongly support	185 31%	94D 36%	45 29%	45 24%	72 24%	107E 36%	46IJ 43%	59J 38%	53J 28%	27 18%	156 31%	29 32%	59 29%	68 31%	57 32%	103 32%	54 29%	19 32%	8 26%	
Somewhat support	174 29%	77 30%	45 29%	52 28%	86 29%	89 30%	35 32%	48 31%	51 27%	40 27%	142 28%	32 35%	57 28%	55 25%	62 34%	96 30%	54 29%	16 26%	8 24%	
Total oppose	177 29%	61 24%	47 30%	68B 37%	119F 40%	56 19%	16 15%	30 19%	59GH 32%	72GH 48%I	154 30%	23 25%	58 28%	66 30%	53 30%	73 23%	66P 36%	21P 36%	16P 48%	
Somewhat oppose	75 13%	21 8%	24B 15%	30B 16%	47F 16%	28 9%	11 10%	16 10%	24 13%	25 17%	65 13%	10 11%	34N 17%	20 9%	21 12%	34 11%	21 11%	12P 20%	8P 24%	
Strongly oppose	102 17%	40 16%	23 15%	38 20%	72F 24%	28 9%	6 5%	14 9%	35GH 19%	47GHI 31%	89 17%	13 14%	24 12%	45M 21%	32 18%	39 12%	46P 25%	9 15%	8 24%	
Don't know	65 11%	26 10%	19 12%	20 11%	20 7%	45E 15%	11 10%	20 13%	24 13%	11 7%	59 11%	6 7%	300 15%	280 13%	7 4%	50Q 16%	11 6%	3 5%	1 3%	

 (sig=.05) (all_pairs) columns tested BCD, EF, GHIJ, KL, MNO, PQRS

Q4. Support/Oppose the following policy that is being considered by the Oregon Legislature:
 Require 100% of the electricity sold to Oregon customers be from clean energy sources by 2035

	Party				Children At Home		Q1: Direction		Q8: Climate Change		Q12: Taxes And Spending			Q36: Worry About COVID-19	
	Total	Dem	Rep	NAV/Other	Yes	No	Right Dir	Wrong Track	Climate Change Believer	Climate Change Skeptical	De-crease	Keep Same	In-crease	Very/Some-what	Not Too/At All
Total	600 100%	209 100%	152 100%	195 100%	123 100%	477 100%	241 100%	269 100%	309 100%	231 100%	206 100%	238 100%	72 100%	359 100%	222 100%
Total support	358 60%	174CD 83%	49 32%	109C 56%	83 67%	275 58%	202H 84%	98 36%	248J 80%	86 37%	69 33%	176K 74%	65KL 90%	266O 74%	87 39%
Strongly support	185 31%	105CD 50%	14 9%	53C 27%	46 37%	139 29%	115H 48%	41 15%	153J 49%	26 11%	27 13%	85K 36%	50KL 69%	144O 40%	38 17%
Somewhat support	174 29%	69C 33%	35 23%	56 29%	37 30%	137 29%	87H 36%	57 21%	95 31%	59 26%	42 20%	91KM 38%	15 21%	122O 34%	49 22%
Total oppose	177 29%	20 10%	82BD 54%	67B 35%	26 21%	151E 32%	21 9%	148G 55%	42 14%	121I 53%	116LM 56%	44M 18%	5 7%	65 18%	106N 48%
Somewhat oppose	75 13%	13 6%	29B 19%	29B 15%	17 14%	58 12%	14 6%	56G 21%	33 11%	37 16%	41LM 20%	26 11%	2 3%	36 10%	34 15%
Strongly oppose	102 17%	7 4%	53BD 35%	38B 20%	9 7%	93E 19%	7 3%	92G 34%	9 3%	85I 37%	75LM 36%	18 8%	3 4%	29 8%	72N 33%
Don't know	65 11%	15 7%	21B 14%	19 10%	14 12%	51 11%	18 7%	23 9%	19 6%	23 10%	22 10%	18 7%	2 3%	29 8%	29 13%

 (sig=.05) (all_pairs) columns tested BCD, EF, GH, IJ, KLM, NO

Q5. Would you support or oppose your local government banning new natural gas hookups to homes and businesses?

	Area			Gender		Age				Ethnicity		Education				Income			
	Total	Tri County	Willa- mette Valley	Rest Of State	Male	Fe- male	18-29	30-44	45-64	65+	White Alone	POC	H.S. Or <	Some Coll	Coll Grad+	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >
Total	600 100%	258 100% (B)	156 100% (C)	186 100% (D)	297 100% (E)	297 100% (F)	108 100% (G)	156 100% (H)	186 100% (I)	150 100% (J)	510 100% (K)	90 100% (L)	204 100% (M)	216 100% (N)	180 100% (O)	323 100% (P)	185 100% (Q)	60 100% (R)	33 100% (S)
Total support	173 29%	83 32%	39 25%	50 27%	73 25%	96 32%	48IJ 44%	55J 35%	51J 27%	19 13%	143 28%	29 33%	72N 35%	52 24%	48 27%	100R 31%	59R 32%	8 13%	6 18%
Strongly support	55 9%	32D 13%	11 7%	12 6%	22 7%	30 10%	15IJ 14%	26IJ 17%	11 6%	4 2%	45 9%	11 12%	21 10%	17 8%	17 10%	26 8%	21 12%	4 6%	4 12%
Somewhat support	117 20%	51 20%	28 18%	39 21%	51 17%	65 22%	33HJ 31%	29 18%	40J 21%	16 11%	99 19%	19 21%	52N 25%	35 16%	30 17%	74RS 23%	38R 20%	4 7%	2 6%
Total oppose	311 52%	120 46%	83 53%	108B 58%	189F 64%	120 40%	33 31%	67 43%	98G 53%	112GH 74%I	265 52%	46 51%	83 41%	128M 59%	100M 56%	142 44%	105P 57%	40P 67%	25P 75%
Somewhat oppose	121 20%	44 17%	38 25%	38 21%	66 22%	55 18%	22 20%	34 22%	32 17%	33 22%	98 19%	23 25%	32 16%	43 20%	45M 25%	62 19%	34 18%	19PQ 33%	5 17%
Strongly oppose	190 32%	76 29%	45 29%	69 37%	123F 42%	66 22%	11 10%	33G 21%	67GH 36%	79GH 53%I	167 33%	23 26%	51 25%	85M 39%	55 30%	80 25%	71P 38%	20 34%	19PR 58%
Don't know	117 19%	55 21%	34 22%	28 15%	34 12%	81E 27%	27J 25%	34 22%	37 20%	19 13%	102 20%	14 16%	49 24%	36 17%	32 18%	81QS 25%	21 11%	12 20%	3 8%

(sig=.05) (all_pairs) columns tested BCD, EF, GHIJ, KL, MNO, PQRS

Q5. Would you support or oppose your local government banning new natural gas hookups to homes and businesses?

	Party				Children At Home		Q1: Direction		Q8: Climate Change		Q12: Taxes And Spending			Q36: Worry About COVID-19	
	Total	Dem	Rep	NAV/Other	Yes	No	Right Dir	Wrong Track	Climate Change Believer	Climate Change Skeptical	De-crease	Keep Same	In-crease	Very/Some-what	Not Too/At All
Total	600 100%	209 100%	152 100%	195 100%	123 100%	477 100%	241 100%	269 100%	309 100%	231 100%	206 100%	238 100%	72 100%	359 100%	222 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
Total support	173 29%	78CD 37%	30 20%	49 25%	41 33%	132 28%	99H 41%	49 18%	114J 37%	47 20%	41 20%	84K 35%	31K 42%	129O 36%	41 19%
Strongly support	55 9%	34CD 16%	7 5%	11 6%	21F 17%	34 7%	36H 15%	14 5%	44J 14%	8 4%	8 4%	26K 11%	13K 18%	46O 13%	8 3%
Somewhat support	117 20%	44 21%	23 15%	38 19%	19 16%	98 21%	63H 26%	35 13%	70 23%	39 17%	33 16%	58 24%	17 24%	83O 23%	34 15%
Total oppose	311 52%	84 40%	105BD 69%	111B 57%	56 45%	255 53%	92 38%	194G 72%	131 42%	153I 66%	138LM 67%	118 49%	30 42%	161 45%	144N 65%
Somewhat oppose	121 20%	48 23%	27 18%	37 19%	27 22%	94 20%	60 25%	47 17%	73J 24%	34 15%	26 13%	64K 27%	18K 24%	86O 24%	32 14%
Strongly oppose	190 32%	36 17%	78BD 52%	74B 38%	29 24%	161 34%	32 13%	147G 55%	58 19%	119I 52%	112LM 54%	54 23%	13 17%	75 21%	112N 51%
Don't know	117 19%	48C 23%	16 11%	34 18%	26 21%	90 19%	50H 21%	26 10%	65J 21%	30 13%	27 13%	36 15%	12 16%	69 19%	37 17%

(sig=.05) (all_pairs) columns tested BCD, EF, GH, IJ, KLM, NO

New technologies allow the creation of renewable natural gas and renewable hydrogen. These energy sources create no carbon emissions and can be used with existing natural gas lines.

Q6. Knowing this, which policy option would you most prefer?

	Area				Gender		Age				Ethnicity		Education				Income			
	Total	Tri County	Willa- mette Valley	Rest Of State	Male	Fe- male	18-29	30-44	45-64	65+	White Alone	POC	H.S. Or <	Some Coll	Coll Grad+	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	
Total	600 100%	258 100%	156 100%	186 100%	297 100%	297 100%	108 100%	156 100%	186 100%	150 100%	510 100%	90 100%	204 100%	216 100%	180 100%	323 100%	185 100%	60 100%	33 100%	
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	
Ban new natural gas hookups to homes and businesses	38 6%	20 8%	9 6%	8 4%	19 6%	19 7%	11 10%	13 9%	8 4%	6 4%	28 5%	10K 12%	14 7%	10 5%	14 8%	21 7%	10 5%	7 11%	0 1%	
Require natural gas utilities to transition to renewable natural gas and renewable hydrogen	390 65%	167 65%	104 67%	118 63%	203 68%	183 61%	66 61%	104 67%	128 69%	92 61%	335 66%	55 61%	129 63%	147 68%	114 63%	202 63%	125 68%	34 57%	28PR 85%	
Don't know	172 29%	70 27%	42 27%	60 32%	75 25%	95 32%	31 29%	38 25%	50 27%	53 35%	147 29%	25 28%	61 30%	59 27%	52 29%	99 31%	50 27%	19 32%	5 14%	

(sig=.05) (all_pairs) columns tested BCD, EF, GHIJ, KL, MNO, PQRS

New technologies allow the creation of renewable natural gas and renewable hydrogen. These energy sources create no carbon emissions and can be used with existing natural gas lines.

Q6. Knowing this, which policy option would you most prefer?

	Party				Children At Home		Q1: Direction		Q8: Climate Change		Q12: Taxes And Spending			Q36:Worry About COVID-19	
	Total	Dem	Rep	NAV/Other	Yes	No	Right Dir	Wrong Track	Climate Change Believer	Climate Change Skeptical	De-crease	Keep Same	In-crease	Very/Some-what	Not Too/At All
Total	600 100%	209 100%	152 100%	195 100%	123 100%	477 100%	241 100%	269 100%	309 100%	231 100%	206 100%	238 100%	72 100%	359 100%	222 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
Ban new natural gas hookups to homes and businesses	38 6%	13 6%	11 7%	11 6%	7 6%	31 6%	16 7%	18 7%	20 6%	13 6%	14 7%	12 5%	8 11%	24 7%	12 6%
Require natural gas utilities to transition to renewable natural gas and renewable hydrogen	390 65%	147C 70%	87 57%	130 67%	83 67%	307 64%	176H 73%	170 63%	232J 75%	135 58%	115 56%	179K 75%	52K 72%	259O 72%	125 56%
Don't know	172 29%	49 24%	54B 35%	53 27%	33 27%	140 29%	49 20%	81G 30%	57 18%	83I 36%	77LM 37%	47 20%	12 17%	76 21%	85N 38%

(sig=.05) (all_pairs) columns tested BCD, EF, GH, IJ, KLM, NO

Some Oregon state legislators have proposed requiring that all electricity sold to Oregon customers come from clean and renewable energy sources by 2035. If a law like this were enacted, what effect do you think it would have on the following?

Q7. Electricity prices

	Area				Gender		Age				Ethnicity		Education			Income			
	Total	Tri County	Willa- mette Valley	Rest Of State	Male	Fe- male	18-29	30-44	45-64	65+	White Alone	POC	H.S. Or <	Some Coll	Coll Grad+	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >
Total	600 100%	258 100%	156 100%	186 100%	297 100%	297 100%	108 100%	156 100%	186 100%	150 100%	510 100%	90 100%	204 100%	216 100%	180 100%	323 100%	185 100%	60 100%	33 100%
Increase	357 59%	153 59%	88 56%	116 63%	196F 66%	159 54%	51 48%	75 48%	108 58%	123GH 82%I	310 61%	47 52%	109 53%	129 60%	119M 66%	177 55%	116 63%	40 67%	24 73%
No effect	86 14%	40 15%	25 16%	21 11%	47 16%	39 13%	20J 18%	25J 16%	30J 16%	11 7%	71 14%	14 16%	27 13%	33 16%	25 14%	45 14%	29 16%	9 15%	2 7%
Decrease	80 13%	38 15%	19 12%	22 12%	31 10%	49 16%	18J 17%	41IJ 26%	18J 10%	2 2%	63 12%	17 19%	32 15%	29 13%	20 11%	50 16%	23 12%	6 10%	1 3%
Don't know	78 13%	27 11%	24 16%	26 14%	23 8%	50E 17%	19 18%	14 9%	30 16%	14 10%	66 13%	12 13%	370 18%	24 11%	17 9%	50 16%	17 9%	5 8%	6 17%

(sig=.05) (all_pairs) columns tested BCD, EF, GHIJ, KL, MNO, PQRS

Some Oregon state legislators have proposed requiring that all electricity sold to Oregon customers come from clean and renewable energy sources by 2035. If a law like this were enacted, what effect do you think it would have on the following?

Q7. Electricity prices

	Party				Children At Home		Q1: Direction		Q8: Climate Change		Q12: Taxes And Spending			Q36:Worry About COVID-19	
	Total	Dem	Rep	NAV/Other	Yes	No	Right Dir	Wrong Track	Climate Change Believer	Climate Change Skeptical	De-crease	Keep Same	In-crease	Very-what	Not Too/At All
Total	600 100%	209 100%	152 100%	195 100%	123 100%	477 100%	241 100%	269 100%	309 100%	231 100%	206 100%	238 100%	72 100%	359 100%	222 100%
Increase	357 59%	109 52%	108B 71%	126B 65%	64 52%	293 61%	120 50%	195G 72%	175 56%	159I 69%	158LM 77%	125 52%	34 48%	206 57%	150N 67%
No effect	86 14%	40D 19%	21 14%	19 10%	22 18%	63 13%	53H 22%	21 8%	50 16%	26 11%	21 10%	44K 19%	11 15%	55 15%	29 13%
Decrease	80 13%	26 13%	14 9%	26 14%	24F 19%	56 12%	37 15%	33 12%	46 15%	24 10%	17 8%	38K 16%	15K 20%	560 16%	20 9%
Don't know	78 13%	34C 16%	10 6%	23 12%	13 11%	64 13%	31 13%	20 8%	38 12%	22 9%	10 5%	32K 13%	12K 17%	42 12%	24 11%

(sig=.05) (all_pairs) columns tested BCD, EF, GH, IJ, KLM, NO

Some Oregon state legislators have proposed requiring that all electricity sold to Oregon customers come from clean and renewable energy sources by 2035. If a law like this were enacted, what effect do you think it would have on the following?

Q8. The risks of climate change

Base: Split A

	Area				Gender		Age				Ethnicity		Education			Income			
	Total	Tri County	Willa- mette Valley	Rest Of State	Male	Fe- male	18-29	30-44	45-64	65+	White Alone	POC	H.S. Or <	Some Coll	Coll Grad+	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >
Total	300 100%	129 100%	78 100%	93 100%	149 100%	149 100%	54 100%	78 100%	93 100%	75 100%	255 100%	45 100%	102 100%	108 100%	90 100%	156 100%	97 100%	30 100%	16 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)
Increase	40 13%	14 11%	8 11%	17 19%	23 15%	17 12%	9 17%	17J 22%	9 10%	5 7%	31 12%	9 20%	18 17%	10 10%	12 13%	23R 15%	15R 15%	-	3R 16%
No effect	81 27%	23 18%	22 28%	36B 39%	51F 34%	31 21%	8 16%	15 19%	24 26%	34GHI 45%	73 29%	8 18%	26 26%	36 33%	19 21%	38 24%	31 32%	10 32%	4 22%
Decrease	139 46%	74D 57%	34 44%	30 33%	57 38%	80E 54%	29J 54%	37 47%	46 50%	26 34%	118 46%	20 45%	43 42%	47 43%	49 55%	70 45%	44 46%	16 53%	8 52%
Don't know	40 13%	18 14%	13 17%	9 10%	19 13%	21 14%	7 13%	9 12%	13 14%	11 14%	32 13%	8 17%	16 15%	15 14%	9 10%	26 17%	7 7%	5 16%	2 10%

(sig=.05) (all_pairs) columns tested BCD, EF, GHIJ, KL, MNO, PQRS

Some Oregon state legislators have proposed requiring that all electricity sold to Oregon customers come from clean and renewable energy sources by 2035. If a law like this were enacted, what effect do you think it would have on the following?

Q8. The risks of climate change

Base: Split A

	Party				Children At Home		Q1: Direction		Q8: Climate Change		Q12: Taxes And Spending			Q36: Worry About COVID-19	
	Total	Dem	Rep	NAV/ Other	Yes	No	Right Dir	Wrong Track	Climate Change Believer	Climate Change Skeptical	De-crease	Keep Same	In-crease	Very/Some-what	Not Too/Not At All
Total	300 100%	105 100%	76 100%	92 100%	65 100%	235 100%	136 100%	124 100%	166 100%	108 100%	108 100%	122 100%	29 100%	180 100%	105 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
Increase	40 13%	13 12%	10 13%	8 9%	9 14%	31 13%	21 15%	12 10%	20 12%	18 16%	16 15%	15 12%	3 10%	23 13%	13 12%
No effect	81 27%	12 12%	39BD 52%	28B 31%	19 29%	63 27%	12 9%	67G 54%	22 13%	55I 51%	53LM 49%	20 17%	1 3%	30 16%	51N 48%
Decrease	139 46%	68CD 65%	15 20%	44C 48%	31 47%	108 46%	93H 68%	32 26%	112J 67%	21 20%	30 27%	73K 60%	19K 65%	110O 61%	27 26%
Don't know	40 13%	12 11%	11 15%	11 12%	7 11%	33 14%	10 8%	13 10%	12 7%	14 13%	10 9%	14 12%	6 22%	18 10%	14 14%

(sig=.05) (all_pairs) columns tested BCD, EF, GH, IJ, KLM, NO

Some Oregon state legislators have proposed requiring that all electricity sold to Oregon customers come from clean and renewable energy sources by 2035. If a law like this were enacted, what effect do you think it would have on the following?

Q9. Carbon emission

Base: Split B

	Area				Gender		Age				Ethnicity		Education			Income			
	Total	Tri County	Willa- mette Valley	Rest Of State	Male	Fe- male	18-29	30-44	45-64	65+	White Alone	POC	H.S. Or <	Some Coll	Coll Grad+	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >
Total	300 100%	129 100% (B)	78 100% (C)	93 100% (D)	148 100% (E)	148 100% (F)	54 100% (G)	78 100% (H)	93 100% (I)	75 100% (J)	255 100% (K)	45 100% (L)	102 100% (M)	108 100% (N)	90 100% (O)	166 100% (P)	87 100% (Q)	30 100% (R)	17 100% (S)
Increase	37 12%	23D 18%	7 9%	7 7%	16 11%	21 14%	6 11%	12 15%	9 10%	10 14%	32 12%	6 13%	14 13%	12 11%	12 13%	18 11%	14 16%	5 16%	1 4%
No effect	72 24%	18 14%	25B 32%	30B 32%	50F 34%	21 14%	9 17%	13 17%	30H 32%	20 27%	61 24%	11 25%	19 19%	32 30%	21 23%	38 23%	25R 28%	3 9%	6R 37%
Decrease	142 47%	66 51%	38 48%	38 41%	67 45%	74 50%	24 45%	44 56%	41 44%	33 44%	123 48%	19 42%	44 43%	52 49%	45 50%	78 47%	37 42%	18 59%	10 59%
Don't know	49 16%	22 17%	8 11%	19 20%	14 9%	33E 22%	15 27%	10 12%	13 14%	12 16%	40 15%	9 20%	25N 24%	12 11%	12 13%	33 20%	11 13%	5 15%	-

(sig=.05) (all_pairs) columns tested BCD, EF, GHIJ, KL, MNO, PQRS

Some Oregon state legislators have proposed requiring that all electricity sold to Oregon customers come from clean and renewable energy sources by 2035. If a law like this were enacted, what effect do you think it would have on the following?

Q9. Carbon emission

Base: Split B

	Party				Children At Home		Q1: Direction		Q8: Climate Change		Q12: Taxes And Spending			Q36: Worry About COVID-19	
	Total	Dem	Rep	NAV/ Other	Yes	No	Right Dir	Wrong Track	Climate Change Believer	Climate Change Skeptical	De-crease	Keep Same	In-crease	Very/Some-what	Not Too/Not At All
Total	300 100%	105 100%	76 100%	103 100%	58 100%	242 100%	105 100%	145 100%	143 100%	123 100%	98 100%	116 100%	44 100%	179 100%	117 100%
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
Increase	37 12%	14 14%	14D 19%	7 7%	11 19%	26 11%	13 13%	22 15%	16 11%	19 16%	14 14%	13 11%	6 13%	24 13%	14 12%
No effect	72 24%	13 12%	31B 41%	27B 26%	10 17%	62 26%	10 10%	49G 34%	11 8%	54I 44%	43LM 44%	20 18%	5 11%	26 14%	45N 38%
Decrease	142 47%	61C 59%	26 34%	49 48%	32 55%	110 46%	68H 64%	54 37%	102J 71%	30 24%	27 27%	72K 63%	29K 66%	103O 57%	38 32%
Don't know	49 16%	16 15%	5 6%	19C 19%	5 9%	43 18%	14 13%	21 14%	14 10%	20 16%	15 15%	10 8%	4 9%	27 15%	21 18%

(sig=.05) (all_pairs) columns tested BCD, EF, GH, IJ, KLM, NO

Some Oregon state legislators have proposed requiring that all electricity sold to Oregon customers come from clean and renewable energy sources by 2035. If a law like this were enacted, what effect do you think it would have on the following?

Q10. Air quality

	Area				Gender		Age				Ethnicity		Education				Income			
	Total	Tri County	Willa- mette Valley	Rest Of State	Male	Fe- male	18-29	30-44	45-64	65+	White Alone	POC	H.S. Or <	Some Coll	Coll Grad+	< \$50K	\$50K- \$100K	\$100K- \$150K	\$150K Or >	
Total	600 100%	258 100%	156 100%	186 100%	297 100%	297 100%	108 100%	156 100%	186 100%	150 100%	510 100%	90 100%	204 100%	216 100%	180 100%	323 100%	185 100%	60 100%	33 100%	
Increase	340 57%	169 66%	83 53%	89 48%	149 50%	187 63%	72 67%	91 58%	101 54%	76 51%	284 56%	56 62%	115 56%	112 52%	114 63%	180 56%	103 56%	42 70%	16 48%	
No effect	165 28%	53 21%	41 26%	71 38%	112 38%	52 18%	12 11%	37 24%	58 31%	58 39%	149 29%	17 18%	46 22%	78 36%	42 23%	79 24%	63 34%	14 23%	9 28%	
Decrease	20 3%	3 1%	8 5%	9 5%	6 2%	14 5%	7 7%	7 5%	4 2%	2 1%	12 2%	8 9%	7 3%	8 4%	5 3%	11 3%	7 4%	-	2 5%	
Don't know	74 12%	32 13%	25 16%	17 9%	30 10%	44 15%	17 15%	21 13%	23 12%	14 9%	65 13%	9 10%	37 18%	18 8%	19 11%	53 17%	11 6%	4 7%	6 19%	

(sig=.05) (all_pairs) columns tested BCD, EF, GHIJ, KL, MNO, PQRS

DHM Research - DHM Panel Survey, Climate and Energy- March 7-14, 2021

Some Oregon state legislators have proposed requiring that all electricity sold to Oregon customers come from clean and renewable energy sources by 2035. If a law like this were enacted, what effect do you think it would have on the following?

Q10. Air quality

	Party				Children At Home		Q1: Direction		Q8: Climate Change		Q12: Taxes And Spending			Q36:Worry About COVID-19	
	Total	Dem	Rep	NAV/Other	Yes	No	Right Dir	Wrong Track	Climate Change Believer	Climate Change Skeptical	De-crease	Keep Same	In-crease	Very-what	Not Too/At All
Total	600 100%	209 100%	152 100%	195 100%	123 100%	477 100%	241 100%	269 100%	309 100%	231 100%	206 100%	238 100%	72 100%	359 100%	222 100%
Increase	340 57%	154CD 74%	51 33%	111C 57%	78 63%	263 55%	181H 75%	111 41%	243J 78%	75 33%	77 37%	162K 68%	60KL 83%	249O 69%	89 40%
No effect	165 28%	25 12%	84BD 55%	52B 27%	29 24%	136 28%	32 13%	117G 43%	37 12%	116I 50%	100LM 49%	49M 21%	6 8%	66 18%	96N 43%
Decrease	20 3%	7 3%	3 2%	5 3%	3 3%	17 3%	8 3%	10 4%	6 2%	13 6%	8 4%	7 3%	2 3%	11 3%	8 4%
Don't know	74 12%	22 11%	14 9%	27 14%	12 10%	62 13%	20 8%	31 11%	23 7%	26 11%	21 10%	20 8%	4 6%	33 9%	29 13%

(sig=.05) (all_pairs) columns tested BCD, EF, GH, IJ, KLM, N