# ш DATA FOR **PROGRESS**

From March 20 to 22, 2023, Data for Progress conducted a survey of 597 likely voters in Michigan using web panel respondents. The sample was weighted to be representative of likely voters by age, gender, education, race, geography, and voting history. The survey was conducted in English. The margin of error is ±4 percentage points.

NB: subgroups with a n-size less than 50 (<50) are not shown on these cross-tabs. We choose not to display N<50 subgroups because the sample is too small to have statistical significance. We did, however, take samples of these subgroups for representational and weighting purposes to accurately reflect the electorate makeup. Some values may not add up to 100 due to rounding.

N=597 unless otherwise specified.

[1] Please indicate if each of the following is doing too much, too little, or about the right amount to address climate change?

#### — Michigan State Legislature

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Too much	16	3	25	20	8	24	4	22	14	20	9	16	13	27
The right amount	23	29	13	26	19	27	20	24	23	23	32	23	23	24
Too little	38	50	40	21	41	34	47	33	36	40	39	36	43	22
Don't know	24	18	22	34	31	15	29	21	27	17	20	26	21	27
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

## [2] Please indicate if each of the following is doing too much, too little, or about the right amount to address climate change?

— Local government officials

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Too much	9	3	11	14	5	13	2	13	9	8	12	8	7	15
The right amount	26	28	18	32	22	30	20	29	28	21	32	26	25	32
Too little	40	50	44	23	45	34	52	33	37	45	33	39	45	25
Don't know	25	19	28	31	28	23	26	25	25	26	23	27	23	28
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

[3] Damage caused by recent winter ice storms led to power outages in homes throughout the state of Michigan.

Were you or someone you know personally impacted by the recent power outages?

Response	Topline	Democrat	Inde- pendent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
l was personally impacted by recent power outages	28	30	27	27	27	30	33	25	29	27	37	25	37	0
l was not personally impacted but l know someone impacted by recent power outages	48	49	50	45	51	45	52	46	43	59	43	49	63	0
l was not personally impacted and do not know anyone impacted by recent power outages	21	19	19	27	19	24	11	28	25	13	14	24	0	100
Don't know	2	2	5	1	3	1	4	1	3	0	6	2	0	0
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

#### [4] How concerned or not concerned are you about the recent power outages in Michigan?

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Concerned	59	71	57	46	64	53	61	57	58	59	80	56	66	37
Only a little concerned	28	22	27	36	28	28	25	30	27	30	8	30	26	35
Not at all concerned	13	7	16	17	8	19	14	13	15	10	12	14	9	28
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

### [5] How concerned or not concerned are you about future extreme weather events, like floods and heat waves, in Michigan?

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Concerned	59	78	57	39	66	52	65	56	58	61	83	56	66	37
Only a little concerned	25	19	19	36	23	26	22	26	25	24	5	27	24	30
Not at all concerned	16	3	24	24	12	22	13	18	17	15	12	17	10	33
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

#### [6] How concerned or not concerned are you about paying your power bill?

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Concerned	46	49	48	40	53	38	50	44	49	40	60	43	49	35
Only a little concerned	23	22	20	28	21	25	23	23	21	27	11	25	21	31
Not at all concerned	31	29	32	32	26	36	27	33	29	34	28	32	30	34
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

[7] In recent weeks, Michigan has experienced extreme weather, including ice storms that have downed trees, closed schools and businesses, and delayed air travel.

To what extent do you blame each of the following for the recent prolonged power outages?

— Michigan state lawmakers

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
A great deal	7	5	10	6	4	10	8	6	6	9	13	6	6	9
Some	31	34	31	27	29	33	33	29	31	31	40	27	34	21
Only a little	21	21	16	25	22	20	25	19	20	21	3	24	22	17
Not at all	42	41	43	42	45	38	34	46	43	40	44	43	38	52
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

[8] In recent weeks, Michigan has experienced extreme weather, including ice storms that have downed trees, closed schools and businesses, and delayed air travel.

To what extent do you blame each of the following for the recent prolonged power outages?

- Utility companies like DTE Energy and Consumers Energy

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
A great deal	22	26	24	14	19	24	26	19	23	19	38	19	25	11
Some	28	33	24	25	24	31	29	27	24	34	31	26	28	28
Only a little	27	23	27	30	29	24	26	27	28	24	16	28	25	30
Not at all	24	18	26	31	28	21	19	27	25	23	15	26	22	31
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

**[9]** When thinking about recent power outages, would you say that utility companies in the state should be **doing more**, **doing less**, or that they are **doing enough already** to compensate customers for power outages and other cases of inconsistent service?

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Utility companies should be doing more	65	81	60	52	66	64	68	63	65	64	75	64	70	52
Utility companies are doing enough already	29	16	31	41	27	31	24	32	28	31	17	30	27	38
Utility companies should be doing less	1	0	2	2	1	1	2	0	2	0	2	1	1	1
Don't know	5	3	7	5	6	4	5	5	6	4	6	5	2	10
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

**[10]** When thinking about recent power outages, would you say that the Michigan state legislature should be **doing more**, **doing less**, or is **doing enough already** to hold utility companies **accountable** for failing to protect state power grids against extreme weather events?

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
The state legislature should be doing more	65	77	59	55	70	59	71	61	66	62	76	63	69	53
The state legislature is doing enough already	20	15	17	29	16	24	14	23	18	23	10	22	19	24
The state legislature should be doing less	7	1	15	5	2	13	5	8	5	11	4	6	6	12
Don't know	9	6	9	11	12	4	9	8	10	5	9	9	6	11
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

**[11]** When thinking about current home energy prices, would you say that the Michigan state legislature should be **doing more**, **doing less**, or is **doing enough already** to ensure that utility companies are working sufficiently to keep energy prices **affordable**?

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
The state legislature should be doing more	73	83	67	68	80	65	77	71	76	68	77	73	76	68
The state legislature is doing enough already	18	14	19	22	12	24	17	18	15	23	17	18	19	15
The state legislature should be doing less	5	0	9	6	2	9	1	7	5	6	0	5	3	11
Don't know	4	3	5	4	5	3	5	4	4	4	6	4	2	5
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

[12] In recent weeks, Michigan has experienced extreme weather, including ice storms that have downed trees, closed schools and businesses, and delayed air travel.

Scientific experts have suggested these extreme weather events are due to the impact of climate change.

Knowing what you know now, how urgent or not urgent would you say that it is for Michigan's state legislature to address climate change?

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Urgent	61	91	55	32	68	53	68	57	59	65	86	57	68	41
Only a little urgent	13	4	12	23	13	12	11	14	12	13	3	14	12	14
Not urgent at all	22	1	27	41	13	32	13	27	23	19	3	25	18	38
Don't know	5	4	6	5	6	3	8	3	6	2	8	5	2	7
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

[13] In April 2022, Governor Gretchen Whitmer announced the MI Healthy Climate Plan.

The MI Healthy Climate Plan is an initiative to significantly reduce carbon emissions and other forms of pollution throughout the state. The plan proposes policies that will create clean energy jobs, stimulate growth and innovation, strengthen infrastructure against extreme weather events, and promote clean air and water for residents.

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Strongly support	36	58	32	13	39	32	43	32	36	36	50	34	39	27
Somewhat support	31	31	27	36	34	28	33	31	31	32	27	32	32	31
Somewhat oppose	11	3	14	17	9	13	9	12	8	16	9	9	13	6
Strongly oppose	14	1	18	25	6	22	8	17	15	12	3	16	10	28
Don't know	8	7	8	9	11	4	7	9	10	4	10	8	6	8
SUPPORT (TOTAL)	67	89	59	49	73	60	76	63	67	68	77	66	71	58
OPPOSE (TOTAL)	25	4	32	42	15	35	17	29	23	28	12	25	23	34
SUPPORT (NET)	+42	+85	+27	+7	+58	+25	+59	+34	+44	+40	+65	+41	+48	+24
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

Do you support or oppose the MI Healthy Climate Plan?

[14] In April 2022, Governor Gretchen Whitmer announced the MI Healthy Climate Plan.

Below are various policy goals of the MI Healthy Climate Plan. Please indicate whether you support or oppose each policy goal:

- Increase the share of electricity that is produced from renewable energy sources, such as wind and solar power

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Strongly support	45	68	45	19	47	43	52	42	45	45	61	44	50	33
Somewhat support	28	24	19	42	27	30	30	27	26	33	20	30	29	28
Somewhat oppose	8	1	10	16	7	10	5	10	8	10	5	8	8	12
Strongly oppose	10	0	16	16	8	13	5	13	11	8	0	12	7	21
Don't know	8	6	9	7	11	4	8	7	10	3	14	6	6	7
SUPPORT (TOTAL)	73	92	64	61	74	73	82	69	71	78	81	74	79	61
OPPOSE (TOTAL)	18	1	26	32	15	23	10	23	19	18	5	20	15	33
SUPPORT (NET)	+55	+91	+38	+29	+59	+50	+72	+46	+52	+60	+76	+54	+64	+28
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

**[15]** In April 2022, Governor Gretchen Whitmer announced the MI Healthy Climate Plan.

Below are various policy goals of the MI Healthy Climate Plan. Please indicate whether you support or oppose each policy goal:

- Improve existing power grid infrastructure to better withstand extreme weather events

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Strongly support	62	79	60	43	61	62	63	61	60	65	63	64	66	53
Somewhat support	25	13	24	40	21	29	20	28	23	28	22	24	23	32
Somewhat oppose	4	3	3	8	7	2	6	3	6	2	5	4	5	3
Strongly oppose	2	0	4	3	1	3	2	2	2	2	3	2	2	4
Don't know	7	5	10	6	10	4	9	6	9	3	8	6	4	8
SUPPORT (TOTAL)	87	92	84	83	82	91	83	89	83	93	85	88	89	85
OPPOSE (TOTAL)	6	3	7	11	8	5	8	5	8	4	8	6	7	7
SUPPORT (NET)	+81	+89	+77	+72	+74	+86	+75	+84	+75	+89	+77	+82	+82	+78
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

**[16]** In April 2022, Governor Gretchen Whitmer announced the MI Healthy Climate Plan.

Below are various policy goals of the MI Healthy Climate Plan. Please indicate whether you support or oppose each policy goal:

— Phase out Michigan's remaining coal-fired power plants

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Strongly support	29	49	27	7	30	28	35	25	28	31	47	27	31	25
Somewhat support	23	29	19	21	24	22	27	21	22	27	22	22	27	13
Somewhat oppose	15	6	17	22	13	16	12	16	14	17	9	14	14	18
Strongly oppose	20	0	26	39	13	28	14	24	21	18	3	24	16	33
Don't know	13	16	10	12	19	6	11	14	15	8	19	12	12	11
SUPPORT (TOTAL)	52	78	46	28	54	50	62	46	50	58	69	49	58	38
OPPOSE (TOTAL)	35	6	43	61	26	44	26	40	35	35	12	38	30	51
SUPPORT (NET)	+17	+72	+3	-33	+28	+6	+36	+6	+15	+23	+57	+11	+28	-13
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

**[17]** In April 2022, Governor Gretchen Whitmer announced the MI Healthy Climate Plan.

Below are various policy goals of the MI Healthy Climate Plan. Please indicate whether you support or oppose each policy goal:

- Build infrastructure to support electric vehicles, such as chargers

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Strongly support	28	48	26	6	27	29	33	25	27	31	36	26	31	22
Somewhat support	32	37	32	26	31	33	40	27	28	40	41	29	34	27
Somewhat oppose	14	5	17	20	12	15	8	17	14	13	5	15	14	13
Strongly oppose	19	1	19	42	18	21	13	23	22	13	3	23	15	33
Don't know	7	10	7	5	11	3	7	8	10	3	15	6	6	5
SUPPORT (TOTAL)	60	85	58	32	58	62	73	52	55	71	77	55	65	49
OPPOSE (TOTAL)	33	6	36	62	30	36	21	40	36	26	8	38	29	46
SUPPORT (NET)	+27	+79	+22	-30	+28	+26	+52	+12	+19	+45	+69	+17	+36	+3
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

**[18]** In April 2022, Governor Gretchen Whitmer announced the MI Healthy Climate Plan.

Below are various policy goals of the MI Healthy Climate Plan. Please indicate whether you support or oppose each policy goal:

- Increase access to clean transportation options, including public transit

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Strongly support	39	64	37	12	43	35	44	36	39	40	64	36	42	33
Somewhat support	34	30	29	43	33	35	34	33	31	38	25	34	36	27
Somewhat oppose	9	1	12	18	7	12	7	11	9	10	2	10	10	10
Strongly oppose	9	0	12	16	6	12	3	13	11	5	0	11	5	23
Don't know	9	5	10	12	11	6	13	7	10	7	8	9	7	7
SUPPORT (TOTAL)	73	94	66	55	76	70	78	69	70	78	89	70	78	60
OPPOSE (TOTAL)	18	1	24	34	13	24	10	24	20	15	2	21	15	33
SUPPORT (NET)	+55	+93	+42	+21	+63	+46	+68	+45	+50	+63	+87	+49	+63	+27
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

**[19]** In April 2022, Governor Gretchen Whitmer announced the MI Healthy Climate Plan.

Below are various policy goals of the MI Healthy Climate Plan. Please indicate whether you support or oppose each policy goal:

- Increase investments for homes and businesses to improve their energy efficiency and lower energy bills

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Strongly support	47	72	42	24	50	44	51	45	47	49	64	45	52	38
Somewhat support	33	21	31	49	33	33	34	32	29	40	20	34	34	33
Somewhat oppose	5	1	7	10	4	7	4	6	5	6	2	6	5	7
Strongly oppose	7	1	13	7	4	10	2	9	9	3	3	8	4	16
Don't know	7	5	8	10	9	6	9	7	10	2	11	7	6	6
SUPPORT (TOTAL)	80	93	73	73	83	77	85	77	76	89	84	79	86	71
OPPOSE (TOTAL)	12	2	20	17	8	17	6	15	14	9	5	14	9	23
SUPPORT (NET)	+68	+91	+53	+56	+75	+60	+79	+62	+62	+80	+79	+65	+77	+48
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

[20] In April 2022, Governor Gretchen Whitmer announced the MI Healthy Climate Plan.

Below are various policy goals of the MI Healthy Climate Plan. Please indicate whether you support or oppose each policy goal:

- Protect Michigan's land and water resources

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Strongly support	66	77	61	58	70	62	70	64	65	68	57	69	68	65
Somewhat support	23	15	25	29	19	27	16	26	22	24	27	20	24	20
Somewhat oppose	2	2	2	1	1	2	3	1	2	1	5	1	1	2
Strongly oppose	2	0	2	4	2	2	2	2	2	3	0	2	1	4
Don't know	8	6	10	8	8	7	10	6	9	4	11	7	5	9
SUPPORT (TOTAL)	89	92	86	87	89	89	86	90	87	92	84	89	92	85
OPPOSE (TOTAL)	4	2	4	5	3	4	5	3	4	4	5	3	2	6
SUPPORT (NET)	+85	+90	+82	+82	+86	+85	+81	+87	+83	+88	+79	+86	+90	+79
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

#### [21] Would you support or oppose the state government moving Michigan to a 100% clean energy electricity grid by 2035?

Response	Topline	Democrat	Independent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Strongly support	33	55	29	9	36	29	43	27	32	33	40	31	36	24
Somewhat support	28	33	31	21	27	30	30	28	28	29	42	26	30	25
Somewhat oppose	12	5	7	24	12	11	9	13	11	12	8	12	12	10
Strongly oppose	21	0	28	39	16	28	11	27	21	22	3	24	18	33
Don't know	6	7	5	7	10	2	7	6	7	4	8	6	3	7
SUPPORT (TOTAL)	61	88	60	30	63	59	73	55	60	62	82	57	66	49
OPPOSE (TOTAL)	33	5	35	63	28	39	20	40	32	34	11	36	30	43
SUPPORT (NET)	+28	+83	+25	-33	+35	+20	+53	+15	+28	+28	+71	+21	+36	+6
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

[22] The Michigan Public Service Commission (PSC) is a government agency that regulates utility companies in the state.

Some Michigan legislators have proposed that the PSC be required to consider power reliability, resilience against extreme weather, pollution reduction, and energy affordability in all of its regulatory decisions.

When thinking about the recent power outages, which of the following statements comes closest to your views, even if neither is exactly right?

Response	Topline	Democrat	Inde- pendent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
The PSC should be required to to consider power reliability, resilience against extreme weather, pollution reduction, and energy affordability in all of its regulatory decisions	70	86	66	55	72	68	75	68	69	74	81	68	77	55
The PSC should not be required to incorporate these factors into its regulatory decisions	16	4	20	26	10	23	9	20	14	20	3	18	14	25
Don't know	14	9	14	19	18	9	15	12	17	6	16	14	9	20
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

[23] Currently, utility companies in Michigan are not legally required to provide customers with rebates, credits, or any other form of compensation during instances of prolonged loss of service.

Knowing what you do now, which of the following statements comes closest to your view, even if neither is exactly right?

Response	Topline	Democrat	Inde- pendent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Utility companies should be required to automatically provide compensation to customers in instances of prolonged loss of service	76	84	71	73	81	70	79	75	76	76	85	76	80	70
Utility companies should not be required to automatically provide compensation to customers in instances of prolonged loss of service	16	9	21	20	9	25	11	20	15	20	5	17	15	22
Don't know	7	7	8	7	9	5	10	6	9	4	11	7	5	8
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

**[24]** Due to power outages caused by recent ice storms, some utility companies have decided to provide rebates ranging between \$25 and \$35 to customers who suffered prolonged loss of service.

Have you received any compensation from your utility company?

Response	Topline	Democrat	Inde- pendent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Yes, I have received compensation from my utility company	2	3	2	2	2	3	3	2	2	3	9	2	2	2
No, I have not received any compensation from my utility company	91	93	89	89	92	88	87	92	89	94	79	91	93	90
Don't know	7	4	9	9	6	9	10	6	9	4	11	7	5	8
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128

**[25]** Due to power outages caused by recent ice storms, some utility companies have decided to provide rebates ranging between \$25 and \$35 to customers who suffered prolonged loss of service.

Based on your personal experience, do you think that utility companies should be providing **more compensation**, **less compensation**, or are they **already providing enough compensation** to customers affected by power outages?

Response	Topline	Democrat	Inde- pendent / Third party	Repub lican	Female	Male	Under 45	45+	No College	College	Black or African American	White	Was impacted or knows someone impacted	Does not know someone impacted
Utility companies should be providing more compensation	64	72	57	62	69	58	65	63	65	62	74	63	69	53
Utility companies are providing enough compensation already	23	17	26	27	19	28	24	23	21	28	10	25	23	27
Utility companies should be providing less compensation	3	2	5	3	1	6	1	4	3	4	3	3	3	5
Don't know	10	9	12	8	11	8	9	10	12	6	14	10	6	15
Weighted N	597	220	192	185	315	282	216	381	399	198	68	484	455	128