SMART Transportation Division

ALABAMA STATEWIDE

TWO-PERSON CREW & PASSENGER RAIL SURVEY

DECEMBER 2015

Prepared by:

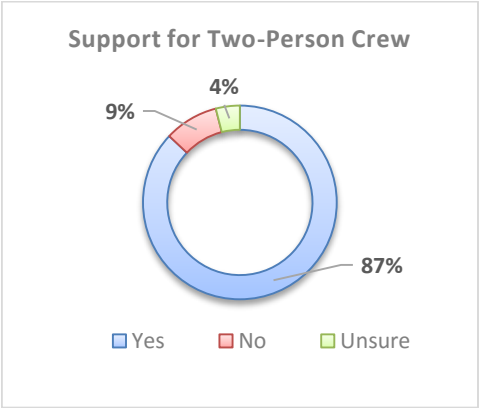
DFM Research

Saint Paul, Minnesota

Executive Summary

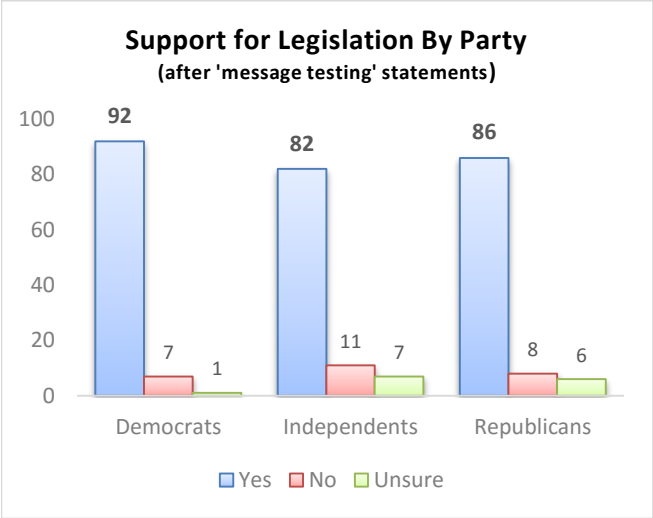
Residents of Alabama strongly support state legislation which would require a crew of two individuals to operate any freight train in the United States; 87 percent of residents support a state law, to only nine percent opposed. The survey was conducted December 12-19 consisting of 600 random residents using both landline and cell phones.

Respondents were also asked about passenger rail, train derailment concerns, and message testing of commonly used arguments by both rail management and labor regarding their position on two-person crew legislation.



After the initial test for support levels of two-person crew legislation, respondents were presented three statements commonly used for and against two-person crew legislation, and asked if they found the statements either 'convincing' or 'not that convincing'. Findings include:

- Nine-in-ten (90 percent) find convincing, "having two people on a train allows the crew members to supervise and communicate with each other to help avoid mistakes the may contribute to an accident". This is the most convincing of the four common arguments in favor of a crew of two. **(question 21b)**
- Statements against passage of two-person crew legislation are from a 2013 letter from the American Association of Railroads (AAR) to members of Congress and some position statements from a major railroad. All of the railroads' positions fall flat with the public. Even one of their strongest positions, "commuter rail operates thousands of trains a day with one person in the locomotive, and the data going back to the 1970s shows an excellent safety record" was found 'convincing' by only 28 percent. **(question 22b)**



After hearing arguments both pro/con for a state law, only nine percent are convinced that legislation is <u>not</u> needed. Furthermore, research data shows that two-person crew legislation is not a wedge issue to voters; support levels vary little between identified Republicans (86 percent) and those who identify as Democrats (92 percent).

In conclusion, no matter who you are, where you live, or what your partisan inclinations, Alabama residents support passage of state legislation requiring a crew of two on all freight trains.

Methodology

The results presented are based on a random sample of 600 Alabama (Republicans were oversampled for the primary election question). The sample was stratified by the seven congressional districts to ensure a representative sample; all calls conducted by live callers using both landline and cell phones.

After the numbers were stratified into the appropriate district, telephone numbers were selected at random using a skip pattern to guarantee interviews were distributed throughout the region. Each number in the stratified sample had the same non-zero chance of being selected for an interview.

Telephone interviews were conducted by trained staff of Stone Research Services of Indianapolis, Indiana, using a computer-assisted telephone interview (CATI) system for landline phones. Cell phone interviews are dialed manually to comply with the 1991 Telemarketing Consumer Protection Act. To ensure everyone in the household would have an equal chance of being selected, callers would ask to interview the resident over the age of 18 who had the most recent birthday.

Final results are weighted based on gender, race, age, and education to conform to the approximate population based on U.S. Census Bureau demographic data.

Gender		Age		Education	
Male	47%	18-39	38%	High School/Less	48%
Female	53%	40-64	44%	Some College/AA	29%
		65+	18%	Bachelor/Graduate	23%

Race	
White	68%
Black	26%
All Others	6%

The final results presented are subject to sampling error, which is the difference between results obtained from the survey and those that would be obtained if every adult was interviewed in the state. The margin of error, is $\pm$ 3.5 percentage points with a 95 percent confidence level; meaning that in 19 out of 20 times, the individual responses would be within the margin of error (confidence interval). For example, if a final result of a question resulted in an answer of 50 percent, the confidence interval would between 46.5 to 53.5 percent. Where appropriate in the survey, question and answer choices are randomized to help reduce bias; due to rounding, numbers may not equal 100 percent; question numbers are pre-set due to same questions being asked on multiple surveys, which could results in number skips on final report.

Project management and final analysis of the data was completed by Dean Mitchell of DFM Research based in Saint Paul, Minnesota. In addition to his 24 years of political experience, Dean has completed course work in survey techniques and statistics as part of his Master in Public Policy (MPP) degree from the University of Minnesota's Humphrey School of Public Affairs.

Topline

Interviews:	600 respondents by live caller using cell phone and landlines.
Margin of Error:	± 4.0 percentage points with a 95 percent confidence
Interview Dates:	December 12-19, 2015
Sample:	Landline and cell phone sample. Random digit numbers provided by Survey Sample International (SSI) of Fairfield, CT. SSI provided Stone Research with 7,500 residential random phone numbers from a pool of listed and unlisted numbers in the boundary area and 2,500 cell phone numbers, which then were stratified into the seven congressional districts.
Survey Sponsor:	SMART Transportation Division's Alabama State Legislative Board

Q1: Generally speaking, do you think the country is moving in the right direction, or is the country off on the wrong track?

Right Direction	**17%**
Wrong Track	**73**
(VOL) Unsure	**10**

Q2: And generally speaking, do you think Alabama is moving in the right direction, or is Alabama off on the wrong track?

Right Direction	**31%**
Wrong Track	**53**
(VOL) Unsure	**16**

Q3: I'm now going to read you some names of public figures. For each one, please tell me if you have a favorable or unfavorable opinion, and if you never heard of them before, just let me know.

	Favorable	Unfavorable	Neutral (VOL)	Never Heard Of
A – Barack Obama	**32%**	**64**	**4**	**0**
B – Richard Shelby	**52**	**24**	**13**	**11**
C – Jeff Sessions	**54**	**24**	**11**	**11**
D – Robert Bentley	**39**	**47**	**10**	**4**
E – Ted Cruz	**43**	**30**	**17**	**10**
F – Donald Trump	**39**	**50**	**11**	**0**
G – Marco Rubio	**45**	**27**	**17**	**11**
H – Hillary Clinton	**33**	**63**	**4**	**0**
I – Bernie Sanders	**22**	**51**	**15**	**12**

Q6a: Let's suppose the Republican presidential primary was between: Donald Trump, Ben Carson, Ted Cruz, Marco Rubio, Jeb Bush, or another candidate, for whom would you vote? **(N=350 likely republican primary voters; MoE ±5.2%pts. Republicans oversampled.)**

Donald Trump	**28%**
Ted Cruz	**21**
Marco Rubio	**13**
Ben Carson	**12**
Jeb Bush	**6**
All Other Candidates	**4**
(VOL) Unsure	**16**

Q7a: Now let's look ahead to the 2016 general election. If the election was held today for U.S. President, and the candidates were Hillary Clinton the Democrat and Donald Trump the Republican, for whom would you vote? **(N=538 voters; MoE ±5.2%pts)**

Hillary Clinton	**35%**
Donald Trump	**54**
(VOL) Other	**7**
(VOL) Unsure	**5**

Q7b: Now suppose the candidates were Hillary Clinton the Democrat and Marco Rubio the Republican, for whom would you vote? **(N=538 voters; MoE ±5.2%pts)**

Hillary Clinton	**31%**
Marco Rubio	**56**
(VOL) Other	**5**
(VOL) Unsure	**8**

Q8: One idea some have talked about is to establish a state-run Alabama Lottery. Suppose this was on the ballot in 2016, would you vote 'yes' for a state lottery, or vote 'no' and reject a state lottery? **(N=538 voters; MoE ±5.2%pts)**

Yes, state lottery	**73%**
No, reject state lottery	**23**
(VOL) Unsure	**4**

Q9: In addition to a lottery, some are proposing Las Vegas-style casinos at existing dog track facilities. Suppose you could vote on this in 2016, would you vote 'yes' for casinos at dog tracks, or 'no' and reject casinos at dog tracks? **(N=538 voters; MoE ±5.2%pts)**

Yes, casinos	**49**%
No, reject casinos	**46**
(VOL) Unsure	**5**

Q10: I'm now going to read you some additional names, for each one, please tell me if you have a favorable or unfavorable opinion, and if you never heard of them before, just let me know.

	Favorable	Unfavorable	Neutral (VOL)	Never Heard Of
A – Amtrak	**74%**	**12**	**11**	**2**
B – Public Transportation	**86**	**8**	**5**	**0**
C – Freight Railroads, like Norfolk Southern	**71**	**3**	**15**	**12**
D – Transporting Crude Oil by Rail	**53**	**25**	**16**	**5**
E – Labor Unions	**54**	**36**	**9**	**1**
F – Chamber of Commerce	**77**	**11**	**11**	**1**
G – the NRA	**61**	**23**	**10**	**5**
H – Planned Parenthood	**49**	**41**	**9**	**1**

Q11: Now thinking about Alabama's transportation infrastructure – including roads, highways, bridges, rail, air, and public transportation – how would you rate it?

Excellent	**2%**
Good	**19**
Satisfactory	**34**
Poor	**29**
Failing	**14**
(VOL) Unsure	**2**

Q12: And when it comes to spending on transportation needs here in Alabama, do you think the government spends too much, about the right amount, or not enough on transportation needs.

Too Much	**5%**
About Right	**17**
Not Enough	**67**
(VOL) Unsure	**11**

Q13a: I now want to ask a few questions about Amtrak. Thinking back the past two years or so, how often would you have been a passenger of Amtrak whether here in Alabama or anywhere else in the country?

Never	**82%**
One to Two Times	**11**
Three to Five Times	**4**
More than Five Times	**2**
(VOL) Unsure	**1**

Q13b: Currently Amtrak has one daily passenger train route running through Alabama with service to New Orleans and New York City. When it comes to passenger rail service here in Alabama, which best fits your view?

Passenger rail should increase	**53%**
Passenger rail should remain the same	**28**
Passenger rail should be eliminated	**5**
(VOL) Unsure	**14**

Q14: Some have suggested that Amtrak service should expand service here in Alabama with additional service from Birmingham or Mobile to New Orleans and Atlanta. Generally speaking do you support or oppose this idea?

Support	**84%**
Oppose	**8**
(VOL) Unsure	**8**

Q15: Critics of Amtrak point out that the federal government spends over $1 billion dollars per year to subsidize passenger rail service – about 25 percent of its total budget -- and that as a nation we can no longer afford Amtrak and its national rail network.

One amendment that has been proposed is to eliminate ALL Amtrak funding, which would likely mean no passenger rail service here in Alabama and most of America. Suppose you could vote on this bill, would you?

Support the amendment, eliminating ALL Amtrak funding	**17%**
Oppose the amendment, keeping Amtrak funded at current levels	**75**
(VOL) Unsure	**8**

Now turning to some other rail issues

Q16: How worried are you about a train derailing in your community?

Very Worried	**4%**
Fairly Worried	**3**
Just Somewhat Worried	**13**
Not that Worried	**80**

Q17: Based on what you know, how many people do you think operate a freight train that travels through Alabama?

One	**7%**
Two	**16**
Three	**17**
Four or More	**37**
Don't Know	**23**

Currently most freight trains in Alabama operate with a crew of two people; but there are efforts by some railroads to reduce the crew to just one person on some trains.

Q18: When it comes to railroad safety and operations, do you think a train with a crew of one individual can be operated as safe as a train with a crew of two individuals?

Yes, one operator can be as safe as two	**6%**
No, one operator cannot be as safe	**90**
(VOL) Unsure	**4**

Q19: Now let's suppose freight trains in your area operated with only a crew of one, now how worried would you be about a train derailing in your community?

Very Worried	**28**%
Fairly Worried	**17**
Just Somewhat Worried	**27**
Not that Worried	**28**

Q20: Some in Alabama want to enact a law that would require a crew of two individuals on all freight trains that operate in Alabama. Suppose you could vote on this law. Would you vote YES to pass a two-person crew state law, or would you vote NO, and reject a two-person crew state law?

Yes, Pass	**88%**
No, Reject	**7**
(VOL) Unsure	**5**

Q21: I now want to read you a few reasons why some support a state law requiring a crew of two individuals on all freight trains. For each reason, tell me if you find it a convincing or not that convincing reason to have a two-person crew law**: (Respondents read three of four reasons; N=450, MoE ±4.6%pts)**

Q21a: Having two crew members on a train provides better monitoring of traffic at public road crossings.

Convincing	**75%**
Not That Convincing	**19**
(VOL) Unsure	**5**

Q21b: Having two people on a train allows the crew members to supervise and communicate with each other to help avoid mistakes that may contribute to an accident.

Convincing	**90%**
Not That Convincing	**7**
(VOL) Unsure	**3**

Q21c: The Federal Railroad Administration has stated its belief that multiple person crews enhance safety.

Convincing	**84%**
Not That Convincing	**12**
(VOL) Unsure	**4**

Q21d: According to federal regulations, the engineer is not allowed to leave the locomotive cab while operating the train. A second crew member is necessary to investigate incidents such as derailment or a collision between a train and a motor vehicle at a crossing.

Convincing	**87%**
Not That Convincing	**10**
(VOL) Unsure	**3**

Q22: I now want to read you a few reasons why some oppose a state requiring a crew of two individuals on all freight trains. For each reason, tell me if you find it a convincing or not that convincing reason to NOT have a two-person crew law.

Q22a: Train crew size is addressed in the collective bargaining process between rail management and rail labor, and a law is not needed.

Convincing	**16%**
Not That Convincing	**75**
(VOL) Unsure	**9**

Q22b: Commuter rail operates thousands of trains a day with one person in the locomotive, and the data going back to the 1970s shows an excellent safety record.

Convincing	**28%**
Not That Convincing	**63**
(VOL) Unsure	**9**

Q22c: If two-person train crew legislation passes, it will hinder investment and implementation of safe, cost-saving technology like Positive Train Control, which is advanced technology designed to automatically stop a train before certain types of accidents.

Convincing	**33%**
Not That Convincing	**56**
(VOL) Unsure	**10**

Q23: Now considering everything you just heard about a potential state law that would require a crew of two individuals on all freight trains. If you could vote again, would you vote YES to pass a two-person crew state law, or would you vote NO, and reject a two-person crew state law?

Yes, Pass	**87**%
No, Reject	**9**
(VOL) Unsure	**4**

Q24a: Currently the Railroads are required by law to implement advanced technology -- known at Positive Train Control -- which is designed to make railroads safer and stop a train before certain type of accidents. Generally speaking, do you think Positive Train Control will improve rail safety?

Yes	**85%**
No	**8**
(VOL) Unsure	**7**

Q24b: When it comes to rail safety, train crew size and the latest rail technology, which option makes the most sense to you?

Only two-person crew, no advanced rail technology	**2%**
Two person crew, using advanced rail technology	**66**
Advanced rail technology as replacement of a train crew member	**4**
Let railroads and rail unions decide which option is safest	**23**
(VOL) Unsure	**6**

Q24c: Based on what you know, do you trust advanced rail technology as a replacement of a train crew member?

Yes	**16%**
No	**74**
(VOL) Unsure	**10**

Q25: Now thinking about everything we talked about, suppose a candidate running for office supported or sponsored legislation requiring two individuals on all freight trains; come election time, would you be more likely to support that candidate, less likely to support that candidate, or would not make a difference when it comes to your support?

More Likely	**38%**
Less Likely	**3**
No Difference	**59**

Q95: When it comes to political parties, do you consider yourself a:

Democrat / Lean Democrat	**37%**
Republican / Lean Republican	**56**
an Independent / Other Party	**7**

Select Key Crosstabs

Q1: Generally speaking, do you think the country is moving in the right direction, or is the country off on the wrong track?

Right Direction	**17%**
Wrong Track	**73**
(VOL) Unsure	**10**

Gender	**RD**	**WT**	**Unsure**
Men	20%	73	7
Women	15	73	12
Age			
18-39	19	69	12
40-64	17	76	7
65 plus	11	77	12
Education			
High School	18	71	11
Some College	16	75	9
College Degree	16	75	9
Race*			
White / Caucasian	6	88	7
Black / African American	45	37	18
Party Identification			
Democrat	40	44	16
Independent	13	75	12
Republican	2	94	4

* Due to a small subsample (six percent), results of 'all other races' are not included in cross-tabulations.

Q2: And generally speaking, do you think Alabama is moving in the right direction, or is Alabama off on the wrong track?

Right Direction	**31%**
Wrong Track	**53**
(VOL) Unsure	**16**

Gender	**RD**	**WT**	**Unsure**
Men	30%	54	15
Women	31	52	17
Age			
18-39	31	53	16
40-64	29	56	15
65 plus	34	46	20
Education			
High School	32	52	16
Some College	32	51	17
College Degree	27	58	15
Race			
White / Caucasian	32	49	19
Black / African American	24	68	9
Party Identification			
Democrat	26	65	10
Independent	27	56	17
Republican	38	42	20

Q3a: I'm now going to read you some names of public figures. For each one, please tell me if you have a favorable or unfavorable opinion, and if you never heard of them before, just let me know.

Barack Obama

Favorable	**32%**
Unfavorable	**64**
(VOL) Neutral	**4**
Never Heard Of	**0**

	Favorable	Unfavorable	Neutral	NHO
Gender				
Men	30%	67	4	0
Women	35	62	3	0
Age				
18-39	37	59	3	0
40-64	31	65	4	0
65 plus	26	71	4	0
Education				
High School	32	63	4	0
Some College	32	64	3	0
College Degree	33	65	2	0
Race				
White / Caucasian	10	87	2	0
Black / African American	89	6	5	0
Party Identification				
Democrat	78	17	4	0
Independent	25	69	7	0
Republican	3	96	1	0

Q3d: I'm now going to read you some names of public figures. For each one, please tell me if you have a favorable or unfavorable opinion, and if you never heard of them before, just let me know.

Robert Bentley

Favorable	**39%**
Unfavorable	**47**
(VOL) Neutral	**10**
Never Heard Of	**4**

	Favorable	Unfavorable	Neutral	NHO
Gender				
Men	41%	46	8	4
Women	37	47	11	4
Age				
18-39	39	43	11	6
40-64	37	52	8	3
65 plus	45	42	10	3
Education				
High School	42	41	11	5
Some College	37	51	10	3
College Degree	36	53	6	4
Race				
White / Caucasian	43	43	9	4
Black / African American	29	58	8	5
Party Identification				
Democrat	27	60	8	5
Independent	32	49	13	6
Republican	53	36	9	3

Q10: I'm now going to read you some names of public figures. For each one, please tell me if you have a favorable or unfavorable opinion, and if you never heard of them before, just let me know.

Amtrak

Favorable	**74%**
Unfavorable	**12**
(VOL) Neutral	**11**
Never Heard Of	**2**

Gender	**Favorable**	**Unfavorable**	**Neutral**	**NHO**
Men	71%	15	12	1
Women	77	10	11	2
Age				
18-39	72	13	12	3
40-64	76	12	10	1
65 plus	75	11	12	1
Education				
High School	68	14	15	3
Some College	83	9	7	2
College Degree	76	14	10	0
Race				
White / Caucasian	75	12	12	1
Black / African American	78	11	6	4
Party Identification				
Democrat	76	12	8	3
Independent	71	11	15	3
Republican	75	13	11	0

Q13b: Currently Amtrak has one daily passenger train route running through Alabama with service to New Orleans and New York City. When it comes to passenger rail service here in Alabama, which best fits your view?

Passenger rail should increase	**53%**
Passenger rail should remain the same	**28**
Passenger rail should be eliminated	**5**
(VOL) Unsure	**14**

Gender	**Increase**	**Same**	**Eliminated**	**Unsure**
Men	54%	27	6	12
Women	52	29	3	16
Age				
18-39	48	32	5	15
40-64	60	25	4	11
65 plus	47	28	6	19
Education				
High School	46	35	4	15
Some College	60	24	3	13
College Degree	59	20	7	14
Race				
White / Caucasian	48	30	5	16
Black / African American	67	25	1	7
Party Identification				
Democrat	59	29	3	10
Independent	51	30	6	12
Republican	50	26	5	19
Amtrak Passenger				
No	49	30	5	16
Yes, Past 2 Years	73	20	1	6

Q14: Some have suggested that Amtrak service should expand service here in Alabama with additional service from Birmingham or Mobile to New Orleans and Atlanta. Generally speaking do you support or oppose this idea?

Support	**84%**
Oppose	**8**
(VOL) Unsure	**8**

Gender	**Support**	**Oppose**	**Unsure**
Men	85%	8	7
Women	83	9	9
Age			
18-39	83	11	6
40-64	85	7	8
65 plus	82	6	12
Education			
High School	86	8	7
Some College	84	8	8
College Degree	79	10	11
Race			
White / Caucasian	82	9	9
Black / African American	92	4	4
Party Identification			
Democrat	94	3	3
Independent	79	14	7
Republican	80	8	12
Amtrak Passenger			
No	82	9	8
Yes, Past 2 Years	91	4	6

Q15: Critics of Amtrak point out that the federal government spends over $1 billion dollars per year to subsidize passenger rail service – about 25 percent of its total budget -- and that as a nation we can no longer afford Amtrak and its national rail network.

One amendment that has been proposed is to eliminate ALL Amtrak funding, which would likely mean no passenger rail service here in Alabama and most of America. Suppose you could vote on this bill, would you?

Support the amendment, eliminating ALL Amtrak funding	**17%**
Oppose the amendment, keeping Amtrak funded at current levels .	**75**
(VOL) Unsure	**8**

Gender	**Eliminate Funding**	**Keep at Current**	**Unsure**
Men	21%	72	7
Women	13	78	9
Age			
18-39	17	75	8
40-64	16	76	7
65 plus	18	72	9
Education			
High School	16	77	7
Some College	18	74	8
College Degree	18	72	11
Race			
White / Caucasian	19	72	9
Black / African American	9	86	5
Party Identification			
Democrat	8	88	4
Independent	23	69	8
Republican	20	69	11
Amtrak Passenger			
No	18	74	8
Yes, Past 2 Years	12	80	8

Q16: How worried are you about a train derailing in your community?

Very Worried	**4%**
Fairly Worried	**3**
Just Somewhat Worried	**13**
Not that Worried	**80**

Gender	**Very**	**Fairly**	**Just Somewhat**	**Not That**
Men	3%	3	10	84
Women	5	3	17	75
Age				
18-39	4	3	11	82
40-64	4	3	15	77
65 plus	5	4	14	77
Education				
High School	5	3	14	78
Some College	4	5	14	77
College Degree	3	2	11	84
Race				
White / Caucasian	2	3	12	83
Black / African American	10	3	14	73
Party Identification				
Democrat	10	3	13	75
Independent	3	6	11	80
Republican	1	2	15	81

Q17: Based on what you know, how many people do you think operate a freight train that travels through Alabama?

One	**7%**
Two	**16**
Three	**17**
Four or More	**37**
Don't Know	**23**

Gender	**One**	**Two**	**Three**	**Four +**	**Don't Know**
Men	11%	20	16	37	16
Women	4	12	18	38	28
Age					
18-39	10	14	21	36	19
40-64	6	19	15	41	20
65 plus	3	11	17	33	37
Education					
High School	8	14	16	32	29
Some College	8	16	18	41	17
College Degree	3	18	20	43	16
Race					
White / Caucasian	7	16	20	35	23
Black / African American	8	16	13	40	22
Party Identification					
Democrat	8	16	16	39	21
Independent	5	20	15	39	21
Republican	8	12	20	35	25

Q19: Now let's suppose freight trains in your area operated with only a crew of one, now how worried would you be about a train derailing in your community?

Very Worried	**28%**
Fairly Worried	**17**
Just Somewhat Worried	**27**
Not that Worried	**28**

Gender	**Very**	**Fairly**	**Just Somewhat**	**Not That**
Men	22%	18	28	33
Women	33	17	26	24
Age				
18-39	29	18	24	29
40-64	26	18	30	26
65 plus	29	13	25	33
Education				
High School	29	18	24	29
Some College	28	16	30	26
College Degree	25	17	29	30
Race				
White / Caucasian	22	19	28	31
Black / African American	42	13	25	20
Party Identification				
Democrat	37	12	29	22
Independent	28	19	21	31
Republican	21	20	28	31

Q20: Some in Alabama want to enact a law that would require a crew of two individuals on all freight trains that operate in Alabama. Suppose you could vote on this law. Would you vote YES to pass a two-person crew state law, or would you vote NO, and reject a two-person crew state law?

Yes, Pass	**88%**
No, Reject	**7**
(VOL) Unsure	**5**

Gender	**Pass**	**Reject**	**Unsure**
Men	85%	8	6
Women	90	5	4
Age			
18-39	84	9	7
40-64	91	5	4
65 plus	88	7	5
Education			
High School	89	6	5
Some College	89	6	4
College Degree	83	10	7
Race			
White / Caucasian	86	8	6
Black / African American	92	5	4
Party Identification			
Democrat	93	3	4
Independent	86	10	4
Republican	85	8	7

Q23: Now considering everything you just heard about a potential state law that would require a crew of two individuals on all freight trains. If you could vote again, would you vote YES to pass a two-person crew state law, or would you vote NO, and reject a two-person crew state law?

Yes, Pass	**87**%
No, Reject	**9**
(VOL) Unsure	**4**

Gender	**Pass**	**Reject**	**Unsure**
Men	84%	12	4
Women	89	6	5
Age			
18-39	84	11	5
40-64	89	8	3
65 plus	89	5	6
Education			
High School	89	6	5
Some College	90	8	2
College Degree	79	15	6
Race			
White / Caucasian	87	8	5
Black / African American	88	9	3
Party Identification			
Democrat	92	7	1
Independent	82	11	7
Republican	86	8	6

Q24c: Based on what you know, do you trust advanced rail technology as a replacement of a train crew member?

Yes	**16%**
No	**74**
(VOL) Unsure	**10**

Gender	**Yes**	**No**	**Unsure**
Men	19%	72	8
Women	14	75	11
Age			
18-39	16	76	8
40-64	14	75	10
65 plus	23	64	13
Education			
High School	22	68	11
Some College	10	81	9
College Degree	14	76	10
Race			
White / Caucasian	15	75	10
Black / African American	19	71	10
Party Identification			
Democrat	22	69	8
Independent	13	79	9
Republican	15	74	12