

September
2015

Two-Person Crew Combined Survey Results



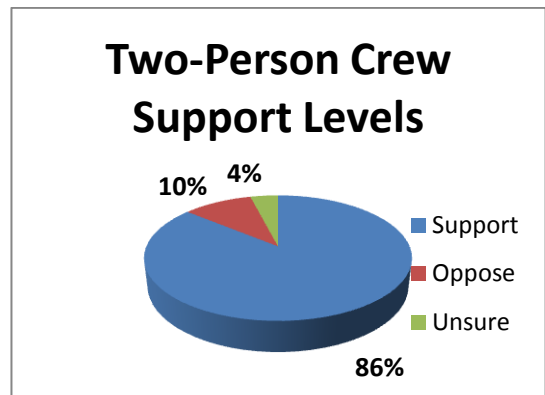
DFM Research

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To: Interested Parties
 From: DFM Research, for SMART Transportation Division
 Date: September 8, 2015
 RE: Support Levels for Two-Person Crew

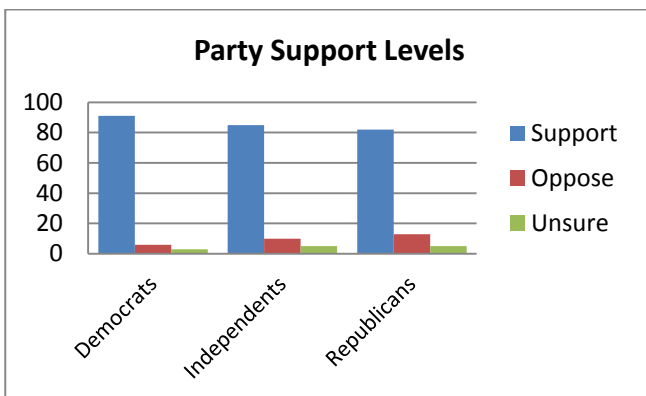
The result of eight surveys in 2015 representing a diverse geographic mix of the American community (plus survey from data from 2013 and 2014) clearly and consistently demonstrate strong support for legislation requiring a crew of two individuals on all freight trains. The combined data (4,145 interviews between January and July 2015) is from five states and three congressional districts (consisting of about eight percent of the American population) using both cell phones and landlines.

During the course of the interviews, all respondents were asked about train derailment concerns, support levels for two-person crew legislation, and message testing of commonly used arguments by both rail management and rail labor regarding their position on two-person crew legislation. The arguments against two person crew legislation are from a 2013 AAR letter to Congress and other statements from the railroads. The combined survey results show 86 percent support two crew legislation, with only 10 percent in opposition.



Generally speaking there is minimal variation amongst demographic groupings; with women, those with some college education, and Democrats slightly more likely to support two-person crew legislation than their counterparts. Findings include:

- Women are more likely than men to support two-person crew legislation: 88 percent of women support legislation, compared to 83 percent of men.
- Those who report some college education are slightly more likely to support two-person crew legislation (88 percent), than those with a college degree (83 percent) or a high school education (86 percent).



- Support levels vary little (well within the margin of error) based on age; ranging from 85 percent of those under age 40, to 87 percent over the age of 65.
- The data indicates that two-person crew legislation is not a partisan issue when it comes to constituents; 82 percent of self-identified Republican 85 percent of Independents and 91 percent of Democrats support the legislation.

In conclusion, no matter who you are, where you live, or what your partisan inclinations, Americans strongly support two-person crew legislation.

Combined Data

Eight Surveys from 2015
Data Weighted by District/State

Q22: Now considering everything you just heard about that would require all freight trains to operate with a crew of at least two people; would you vote YES to pass such legislation, or would you vote NO and reject such legislation?

Yes, pass **86%**
 No, reject **10**
 (VOL) Unsure **4**

<u>Gender</u>	<u>Pass</u>	<u>Reject</u>	<u>Unsure</u>
Men	83%	13	4
Women	88	8	4

<u>Age</u>	<u>Pass</u>	<u>Reject</u>	<u>Unsure</u>
18-39	85	11	4
40-64	86	10	4
65 plus	87	8	4

<u>Education</u>	<u>Pass</u>	<u>Reject</u>	<u>Unsure</u>
High School/Less	86	9	5
Some College/AA Degree	88	9	3
Bachelor/Graduate Degree	83	12	5

<u>Party Identification</u>	<u>Pass</u>	<u>Reject</u>	<u>Unsure</u>
Democrat	91	6	3
Independent	85	10	5
Republican	82	13	5

Florida 13th District

Partisan Voting Index Rating: R+1

Interviews: 400 respondents by live caller from Stone Research Services of Indianapolis, Indiana

Margin of Error: ± 4.9 percentage points with a 95 percent confidence

Interview Dates: July 20-27, 2015

Sample: Landline and cell phone sample. Random digit numbers provided by Survey Sample International (SSI) of Fairfield, CT. SSI provided Stone Research with 6,500 residential random phone numbers from a pool of listed and unlisted numbers in the boundary area and 1,250 cell phone numbers.

Survey Sponsor: SMART Transportation Division Florida State Legislative Board

Q22: Now considering everything you just heard about H.R. 1763, The Safe Freight Act which would require all freight trains to operate with a crew of at least two; if you could vote on this once again, would you vote YES to pass H.R. 1763, or would you vote NO and reject H.R. 1763?

Yes, pass	86%
No, reject	9
(VOL) Unsure	5

<u>Gender</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Men	84%	12	5
Women	87	7	6

<u>Age</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
18-39	82	12	6
40-64	88	9	3
65 plus	86	6	8

<u>Education</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
High School/Less	87	7	6
Some College/AA Degree	90	7	4
Bachelor/Graduate Degree	80	14	7

<u>Race</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
White/Caucasians	87	8	5
All Others	80	13	7

<u>Party Identification</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Democrat	92	4	5
Independent	81	12	7
Republican	85	10	5

<u>Political Ideology</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Liberal	92	3	5
Moderate	89	5	6
Conservative	77	18	4

Illinois 17th District

Partisan Voting Index Rating: D+7

Interviews: 400 residents over the age 18 that reside in Illinois' 17th Congressional District

Margin of Error: ±4.9 percentage points

Interview Dates: February 21-24, 2015

Sample: Landline and cell phone sample. Random digit numbers provided by Survey Sample International (SSI) of Fairfield, CT. SSI provided Stone Research with 5,000 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 four distinct geographical regions.

Survey Sponsor: SMART Transportation Division's Illinois State Legislative Office

Q24: Now considering everything you just heard about that would require all freight trains to operate with a crew of at least two people; would you vote YES to pass such legislation, or would you vote NO and reject such legislation?

Yes, pass **87%**
 No, reject **9**
 (VOL) Unsure **4**

<u>Gender</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Men	84%	12	5
Women	90	6	4
<u>Age</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
18-39	88	9	3
40-64	85	9	6
65 plus	90	7	4
<u>Education</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
High School/Less	87	8	5
Some College/AA Degree	92	5	3
Bachelor/Graduate Degree	77	19	5
<u>Region</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
North District	90	8	3
Quad City Area	88	8	4
South District	85	10	5
Peoria Area	82	12	6
<u>Party Identification</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Democrat	97	1	1
Independent	86	9	5
Republican	75	17	8
<u>Ideology</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Liberal	95	3	1
Moderate	90	7	3
Conservative	80	12	8
Tea Party (Favorable)	80	12	8
Tea Party (Unfavorable)	91	7	2

Minnesota

Partisan Voting Index Rating: D+2

Interviews: 665 residents over the age 18 that reside in Minnesota

Margin of Error: ±3.8 percentage points

Interview Dates: April 11-19, 2015

Sample: Landline and cell phone sample. Random digit numbers provided by Survey Sample International (SSI) of Fairfield, CT. SSI provided 8,000 residential random phone numbers from a pool of listed and unlisted numbers in the boundary area, and 2,250 cell phone numbers; which then were stratified into five distinct geographical regions. Calls conducted by professional callers of Stone Research Services based in Indianapolis, Indiana.

Survey Sponsor: SMART Transportation Division’s Minnesota Legislative Office

Q22: Now considering everything you just heard about SF 918, the two-person train crew bill. If you could vote on this once again, would you vote YES to pass SF 918, or would you vote NO and reject SF 918?

Yes, pass	83%
No, reject	12
(VOL) Unsure	5

<u>Gender</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Men	80%	16	4
Women	86	9	5

<u>Age</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
18-39	83	12	5
40-64	81	14	5
65 plus	88	7	4

<u>Education</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
High School/Less	83	10	7
Some College/AA Degree	86	11	3
Bachelor/Graduate Degree	80	15	5

<u>Race</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
White/Caucasians	85	11	4
All Others	72	21	7

<u>Region</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Twin City Urban	81	13	6
Twin City Suburban	83	13	5
Southern Minnesota	88	6	5
Western Minnesota	84	11	5
Northern Minnesota	84	13	2

<u>Party Identification</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Democrat	89	8	3
Independent	80	13	7
Republican	80	15	5

Missouri

Partisan Voting Index Rating: R+5

Interviews: 680 respondents by live caller from Stone Research Services of Indianapolis, Indiana

Margin of Error: ± 3.8 percentage points with a 95 percent confidence

Interview Dates: June 22 – July 3, 2015

Sample: Landline and cell phone sample. Random digit numbers provided by Survey Sample International (SSI) of Fairfield, CT. SSI provided Stone Research with 8,000 residential random phone numbers from a pool of listed and unlisted numbers in the boundary area and 2,000 cell phone numbers, which then were stratified into five distinct geographical regions.

Survey Sponsor: SMART Missouri State Legislative Board

Q22: Now considering everything you just heard about H.R. 1763, The Safe Freight Act which would require all freight trains to operate with a crew of at least two; if you could vote on this once again, would you vote YES to pass H.R. 1763, or would you vote NO and reject H.R. 1763?

Yes, pass **82%**
 No, reject **14**
 (VOL) Unsure **4**

<u>Gender</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Men	79%	17	4
Women	84	11	5

<u>Age</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
18-39	81	14	4
40-64	82	13	4
65 plus	81	14	4

<u>Education</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
High School/Less	80	13	7
Some College/AA Degree	88	11	1
Bachelor/Graduate Degree	78	18	3

<u>Race</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
White/Caucasians	81	14	4
All Others	83	12	4

<u>Region</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
St. Louis Metro	83	14	3
Kansas City Metro	87	9	4
Northern Missouri	82	14	5
Central Missouri	80	15	4
Southern Missouri	79	16	5

<u>Party Identification</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Democrat	88	9	3
Independent	82	13	5
Republican	76	19	5

Nebraska

Partisan Voting Index Rating: R+12

Interviews: 600 residents over the age 18 that reside in Nebraska

Margin of Error: ±4.0 percentage points (unless otherwise noted)

Interview Dates: February 3-8, 2015

Sample: Landline and cell phone sample. Random digit numbers provided by Survey Sample International (SSI) of Fairfield, CT. SSI provided Stone Research with 6,000 residential random phone numbers and 2,200 cell phone numbers.

Survey Sponsors: SMART Transportation Division’s Nebraska Legislative Board

Q11: Now considering everything you just heard about LB 192 requiring a crew of two on all freight trains. If you could vote, would you vote YES to pass LB192, or would you vote NO and reject LB192?

Yes, pass LB 192	84%
No, reject LB 192	10
(VOL) Unsure	6

<u>Gender</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Men	81%	13	6
Women	87	8	5

<u>Age</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
18-39	82	13	5
40-64	87	7	6
65 plus	81	11	8

<u>Education</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
High School/Less	83	11	6
Some College/AA Degree	86	9	5
Bachelor/Graduate Degree	84	10	6

<u>Region</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
1 st District	83	10	7
2 nd District	86	11	3
3 rd District	84	9	6

<u>Party Identification</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Democrat	89	5	6
Independent	86	10	4
Republican	80	13	7

<u>Ideology</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Liberal	85	9	5
Moderate	87	9	4
Conservative	82	11	7
Tea Party (Favorable)	82	13	5
Tea Party (Unfavorable)	89	8	3

New York 22nd District

Partisan Voting Index Rating: R+3

Interviews: 400 residents over the age 18 that reside in New York's 22nd Congressional District

Margin of Error: ±4.9 percentage points

Interview Dates: January 10-15, 2015

Sample: Landline and cell phone sample. Random digit numbers provided by Survey Sample International (SSI) of Fairfield, CT. SSI provided Stone Research with 5,000 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 five distinct geographical regions.

Survey Sponsor: SMART Transportation Division's National Legislative Office

Q24: Now considering everything you just heard about the Safe Freight Act; suppose you could vote on the bill. Would you vote YES to pass the Safe Freight Act or would you voted NO, and reject the Safe Freight Act?

Yes, pass	82%
No, reject	9
(VOL) Unsure	8

<u>Gender</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Men	79%	13	9
Women	86	6	8

<u>Age</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
18-39	82	11	7
40-64	85	8	7
65 plus	78	9	13

<u>Education</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
High School/Less	79	11	10
Some College/AA Degree	84	8	8
Bachelor/Graduate Degree	87	8	5

<u>Region</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
South Counties	87	6	7
Middle Counties	77	11	12
North Counties	82	11	7

<u>Party Identification</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Democrat	86	10	4
Independent	78	13	9
Republican	84	5	11

<u>Ideology</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Liberal	89	7	4
Moderate	85	9	6
Conservative	78	10	11
Tea Party (Favorable)	75	12	12

North Carolina

Partisan Voting Index Rating: R+2

Interviews: 600 residents over the age 18 that reside in North Carolina

Margin of Error: ±4.0 percentage points

Interview Dates: March 9-20, 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 five distinct geographical regions.

Survey Sponsor: SMART Transportation Division’s North Carolina State Legislative Office

Q22: Now considering everything you just heard about legislation that would require all freight trains to operate with a crew of at least two people; if you could vote, would you vote YES to pass such legislation, or would you vote NO and reject such legislation?

Yes, pass	90%
No, reject	7
(VOL) Unsure	3

<u>Gender</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Men	88%	8	4
Women	92	6	2

<u>Age</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
18-39	89	9	3
40-64	91	6	3
65 plus	91	5	3

<u>Education</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
High School/Less	92	7	2
Some College/AA Degree	91	6	3
Bachelor/Graduate Degree	88	7	5

<u>Race</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
White/Caucasians	89	7	4
Black/African-American	96	4	0
All Others	88	8	4

<u>Region</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Charlotte Area	88	8	5
Raleigh-Durham Area	86	8	6
Eastern NC	91	7	2
Central NC	91	6	3
Western NC	94	5	1

<u>Party Identification</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Democrat	94	4	2
Independent	90	6	4
Republican	86	10	4

North Dakota

Partisan Voting Index Rating: R+10

Interviews: 400 residents over the age 18 that reside in North Dakota

Margin of Error: ±4.9 percentage points

Interview Dates: January 17-26, 2015

Sample: Landline and cell phone sample. Random digit numbers provided by Survey Sample International (SSI) of Fairfield, CT. SSI provided Stone Research with 4,000 residential random phone numbers from a pool of listed and unlisted numbers in the boundary area, and 1,700 cell phone numbers; which then were stratified into five distinct geographical regions.

Survey Sponsors: SMART Transportation Division’s North Dakota Legislative Board

Q18: Now considering everything you just heard about the Safe Freight Act; suppose you could vote on the bill. Would you vote YES to pass the Safe Freight Act or would you voted NO, and reject The Safe Freight Act?

Yes, pass **88%**
 No, reject **6**
 (VOL) Unsure **5**

<u>Gender</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Men	83%	11	6
Women	93	2	5
<u>Age</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
18-39	87	8	6
40-64	89	6	5
65 plus	90	5	5
<u>Education</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
High School/Less	88	3	8
Some College/AA Degree	88	9	3
Bachelor/Graduate Degree	88	7	5
<u>Region</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
East City	94	3	3
West City	82	10	8
East Rural	83	10	7
Central Rural	92	7	1
West Rural	87	4	9
<u>Party Identification</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Democrat	93	3	3
Independent	88	6	6
Republican	85	9	5
<u>Ideology</u>	<u>Yes</u>	<u>No</u>	<u>Unsure</u>
Liberal	92	2	6
Moderate	91	4	5
Conservative	84	11	5
Tea Party (Favorable)	79	11	9